

The Patriot Sentry Variable Account II

Semi-annual report June 30, 2022

A flexible premium deferred variable annuity funded by T. Rowe Price Fixed Income Series, Inc.; T. Rowe Price Equity Series, Inc.; T. Rowe Price International Series, Inc.; Janus Aspen Series, and Vanguard Variable Insurance Fund

TABLE OF CONTENTS

Janus Henderson Balanced Portfolio Semiannual Report	3
Janus Henderson Enterprise Portfolio Semiannual Report	55
Janus Henderson Forty Portfolio Semiannual Report	99
Janus Henderson Global Research Portfolio Semiannual Report	135
Janus Henderson Research Portfolio Semiannual Report	175
T. Rowe Price Equity Income Portfolio Semiannual Report	211
T. Rowe Price International Stock Portfolio Semiannual Report	239
T. Rowe Price Limited-Term Bond Portfolio Semiannual Report	267
T. Rowe Price Mid-Cap Growth Portfolio Semiannual Report	311
T. Rowe Price Moderate Allocation Portfolio Semiannual Report	
Vanguard Balanced Portfolio Semiannual Report	
Vanguard Equity Index Portfolio Semiannual Report	423
Vanguard High Yield Bond Portfolio Semiannual Report	443
Vanguard Mid-Cap Index Portfolio Semiannual Report	467
Vanguard Money Market Portfolio Semiannual Report	491
Vanguard Real Estate Index Portfolio Semiannual Report	507
Vanguard Small Company Growth Semiannual Report	527

SEMIANNUAL REPORT June 30, 2022

Janus Henderson VIT Balanced Portfolio

Janus Aspen Series

HIGHLIGHTS

- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings



Table of Contents

Janus Henderson VIT Balanced Portfolio

Portfolio At A Glance and Schedule of Investments	1
Notes to Schedule of Investments and Other Information	.22
Statement of Assets and Liabilities	.24
Statement of Operations	.25
Statements of Changes in Net Assets	.26
Financial Highlights	.27
Notes to Financial Statements	.29
Additional Information	.39
Liquidity Risk Management Program	.45
Useful Information About Your Fund Report	.46

PORTFOLIO SNAPSHOT

Balanced Fund's dynamic asset allocation strategy has the flexibility to defensively position ahead of market volatility while seeking long-term capital growth, consistent with preservation of capital and balanced by current income. Unlike many competitor products, where asset allocations are constrained by static targets, the Fund's asset allocations may vary between 35% to 65% equities depending on market conditions.



co-portfolio manager

Jeremiah Buckley co-portfolio manager

Michael Keough co-portfolio manager

5 Top Contributors - Equi	ty Sleeve Holdin	gs	5 Top Detractors - Equity	/ Sleeve Holdings	
	Average Weight	Relative Contribution		Average Weight	Relative Contribution
Eli Lilly & Co	2.22%	0.51%	Lam Research Corp	2.14%	-0.47%
Progressive Corp/The	1.98%	0.49%	NVIDIA Corp	2.50%	-0.34%
UnitedHealth Group Inc	3.62%	0.46%	Align Technology Inc	0.54%	-0.30%
Dollar General Corp	1.55%	0.32%	Adobe Inc	2.14%	-0.27%
AbbVie Inc	1.67%	0.27%	ConocoPhillips	0.08%	-0.21%

5 Top Contributors - Equity Sleeve Sectors*

	Relative	Equity Sleeve	S&P 500 Index	
	Contribution	Average Weight	Average Weight	
Consumer Discretionary	0.52%	15.23%	11.59%	
Communication Services	0.35%	9.27%	9.34%	
Financials	0.32%	10.96%	11.23%	
Industrials	0.32%	8.99%	7.88%	
Health Care	0.05%	15.34%	13.83%	

5 Top Detractors - Equity Sleeve Sectors*

	Relative	Equity Sleeve	S&P 500 Index	
	Contribution	Average Weight	Average Weight	
Energy	-1.46%	0.08%	4.01%	
Information Technology	-0.60%	32.03%	27.57%	
Utilities	-0.48%	0.00%	2.75%	
Materials	-0.16%	0.30%	2.65%	
Real Estate	-0.06%	0.45%	2.76%	

Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

Based on sector classification according to the Global Industry Classification Standard ("GICS") codes, which are the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

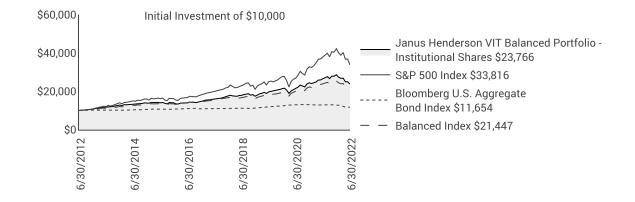
Janus Henderson VIT Balanced Portfolio (unaudited) Portfolio At A Glance June 30, 2022

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	55.2%
Software	4.8%	United States Treasury Notes/Bonds	17.7%
Apple Inc		Corporate Bonds	9.2%
Technology Hardware, Storage & Peripherals	3.1%	Mortgage-Backed Securities	8.3%
Alphabet Inc - Class C		Investment Companies	7.3%
Interactive Media & Services	3.1%	Asset-Backed/Commercial	
UnitedHealth Group Inc		Mortgage-Backed Securities	6.6%
Health Care Providers & Services	2.3%	Other	(4.3)%
Amazon.com Inc			100.0%
Internet & Direct Marketing Retail	2.0%		
	15.3%		

Top Country Allocations - Long Positions - (% of Investment Securities)

As of June 30, 2022	As of December 31, 2021				
United States		99.0% United States	98.7%		
Australia	0.3%	United Kingdom	0.4%		
Canada	0.2%	Ireland	0.2%		
Ireland	0.1%	Australia	0.1%		
United Kingdom	0.1%	Canada	0.1%		
0	0% 20% 40% 60% 80% 100	0% 0	K 20% 40% 60% 80% 100%		

Janus Henderson VIT Balanced Portfolio (unaudited) Performance



Average Annual Total Return - f	Prospectus Expense Ratios					
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	-17.12%	-10.53%	8.39%	9.04%	9.52%	0.62%
Service Shares	-17.22%	-10.76%	8.12%	8.77%	9.33%	0.86%
S&P 500 Index	-19.96%	-10.62%	11.31%	12.96%	9.68%	
Bloomberg U.S. Aggregate Bond Index	-10.35%	-10.29%	0.88%	1.54%	4.50%	
Balanced Index	-15.63%	-10.22%	6.85%	7.93%	7.61%	
Morningstar Quartile - Institutional Shares	-	2nd	1st	1st	1st	
Morningstar Ranking - based on total returns for Allocation - 50% to 70%		005 (50 4	00/500	05 (010	0.4000	
Equity Funds	-	237/764	26/700	25/610	9/208	

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), Environmental, Social and Governance (ESG) factors, non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares, adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

© 2022 Morningstar, Inc. All Rights Reserved.

There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

See important disclosures on the next page.

Janus Henderson VIT Balanced Portfolio (unaudited) Performance

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

See "Useful Information About Your Portfolio Report."

*The Portfolio's inception date - September 13, 1993

‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

Janus Henderson VIT Balanced Portfolio (unaudited) Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the sixmonths indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

	Actual (5			Hypothe 6 return befor			
	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Net Annualized Expense Ratio (1/1/22 - 6/30/22)
Institutional							
Shares	\$1,000.00	\$828.80	\$2.77	\$1,000.00	\$1,021.77	\$3.06	0.61%
Service Shares	\$1,000.00	\$827.80	\$3.85	\$1,000.00	\$1,020.58	\$4.26	0.85%

* Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Schedule of Investments (unaudited) June 30, 2022

	Shares or	
	Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities- 6.6%		
208 Park Avenue Mortgage Trust 2017-280P,		* • • • • • • • • • • • • • • • • • • •
ICE LIBOR USD 1 Month + 0.8800%, 2.0710%, 9/15/34 (144A) [‡]	\$3,072,117	\$3,006,507
ACC Auto Trust 2022-A A, 4.5800%, 7/15/26 (144A)	3,133,162	3,104,395
ACM Auto Trust 2022-1A A, 3.2300%, 4/20/29 (144A)	3,100,305	3,495,175
Affirm Asset Securitization Trust 2021-B A, 1.0300%, 8/17/26 (144A)	3,492,000	3,314,337
Angel Oak Mortgage Trust I LLC 2019-5, 2.5930%, 10/25/49 (144A) [‡]	546,544	538,516
Angel Oak Mortgage Trust I LLC 2019-6, ICE LIBOR USD 12 Month + 0.9500%, 2.6200%, 11/25/59 (144A) [‡]	471,249	461,509
Angel Oak Mortgage Trust I LLC 2020-3,	471,249	401,509
ICE LIBOR USD 12 Month + 1.0000%, 2.4100%, 4/25/65 (144A) [‡]	1,004,575	953,143
Aqua Finance Trust 2021-A A, 1.5400%, 7/17/46 (144A)	1,902,436	1,756,940
Arivo Acceptance Auto Loan Receivables 2022-1A A, 3.9300%, 5/15/28 (144A)	2,702,307	2,700,877
Barclays Commercial Mortgage Securities LLC 2015-SRCH,	2,102,001	2,100,011
4.1970%, 8/10/35 (144A)	2,528,000	2,492,622
Barclays Commercial Mortgage Securities LLC 2017-DELC,	2,020,000	2,102,022
ICE LIBOR USD 1 Month + 0.8500%, 2.1740%, 8/15/36 (144A) [‡]	2,087,000	2,044,931
BPR Trust 2022-OANA A,	_,,	
CME Term SOFR 1 Month + 1.8980%, 2.6800%, 4/15/37 (144A) [‡]	9,908,000	9,694,209
BX Commercial Mortgage Trust 2019-0C11, 3.6050%, 12/9/41 (144A)	1,121,000	1,010,522
BX Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A)	2,229,000	1,968,214
BX Commercial Mortgage Trust 2019-XL,		
ICE LIBOR USD 1 Month + 0.9200%, 2.2440%, 10/15/36 (144A) [‡]	5,714,797	5,621,696
BX Commercial Mortgage Trust 2019-XL,		
ICE LIBOR USD 1 Month + 1.0800%, 2.4040%, 10/15/36 (144A) [‡]	1,923,550	1,893,503
BX Commercial Mortgage Trust 2020-VKNG A,		
ICE LIBOR USD 1 Month + 0.9300%, 2.2540%, 10/15/37 (144A)‡	1,218,894	1,186,571
BX Commercial Mortgage Trust 2021-LBA AJV,		
ICE LIBOR USD 1 Month + 0.8000%, 2.1250%, 2/15/36 (144A) [‡]	5,213,000	4,932,297
BX Commercial Mortgage Trust 2021-LBA AV,	F ((0 000	
ICE LIBOR USD 1 Month + 0.8000%, 2.1250%, 2/15/36 (144A) [‡]	5,146,000	4,871,854
BX Commercial Mortgage Trust 2021-VINO A,	1 005 000	1 000 000
ICE LIBOR USD 1 Month + 0.6523%, 1.9763%, 5/15/38 (144A) [‡]	1,367,000	1,303,039
BX Commercial Mortgage Trust 2021-VOLT B,	4,636,000	4,386,560
ICE LIBOR USD 1 Month + 0.9500%, 2.2740%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D,	4,030,000	4,380,300
ICE LIBOR USD 1 Month + 1.6500%, 2.9740%, 9/15/36 (144A) [‡]	4,869,000	4,567,415
BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A)	1,140,000	1,065,503
Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25	3,285,570	3,225,763
CBAM CLO Management 2019-11RA A1,	0,200,070	0,220,700
ICE LIBOR USD 3 Month + 1.1800%, 2.2427%, 1/20/35 (144A) [‡]	4,973,000	4,820,364
CBAM CLO Management 2019-11RA B,		.,020,000
ICE LIBOR USD 3 Month + 1.7500%, 2.8127%, 1/20/35 (144A) [‡]	2,006,778	1,911,861
CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A)	4,486,879	3,941,526
CF Hippolyta Issuer LLC 2021-1A B1, 1.9800%, 3/15/61 (144A)	1,694,636	1,457,875
Chase Auto Credit Linked Notes 2021-1 B, 0.8750%, 9/25/28 (144A)	1,261,981	1,233,874
Chase Auto Credit Linked Notes 2021-2 B, 0.8890%, 12/26/28 (144A)	2,919,663	2,839,216
Chase Mortgage Finance Corp 2021-CL1 M1,		
US 30 Day Average SOFR + 1.2000%, 2.1257%, 2/25/50 (144A)‡	4,798,709	4,566,484
CIFC Funding Ltd 2021-7A B,		
ICE LIBOR USD 3 Month + 1.6000%, 2.7840%, 1/23/35 (144A) [‡]	1,621,184	1,528,721
CIM Trust 2021-NR1 A1, 2.5690%, 7/25/55 (144A) ^ç	2,942,471	2,798,801
Cold Storage Trust 2020-ICE5 A,		
ICE LIBOR USD 1 Month + 0.9000%, 2.2240%, 11/15/37 (144A) [‡]	6,622,407	6,437,855
Cold Storage Trust 2020-ICE5 B,	0.01.5	
ICE LIBOR USD 1 Month + 1.3000%, 2.6240%, 11/15/37 (144A) [‡]	2,944,057	2,862,039
Cold Storage Trust 2020-ICE5 C,		0.000.040
ICE LIBOR USD 1 Month + 1.6500%, 2.9740%, 11/15/37 (144A) [‡]	2,955,853	2,866,343
COLT Funding LLC 2020-2, ICE LIBOR USD 12 Month + 1.5000%, 1.8530%, 3/25/65 (144A) [‡]	158,235	152,942
ICE LIDOR USD 12 MONTH + 1.3000%, 1.8330%, 3/29/03 (144A)*	100,230	102,942

Schedule of Investments (unaudited) June 30, 2022

	Sharaa ar	
	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities- (continued)		
COLT Funding LLC 2020-3,		
ICE LIBOR USD 12 Month + 1.2000%, 1.5060%, 4/27/65 (144A)‡	\$390,953	\$375,998
Conn Funding II LP 2021-A A, 1.0500%, 5/15/26 (144A)	1,761,298	1,730,157
Connecticut Avenue Securities Trust 2014-C04,		
ICE LIBOR USD 1 Month + 4.9000%, 6.5236%, 11/25/24 [‡]	208,211	214,868
Connecticut Avenue Securities Trust 2015-C01 1M2,		
ICE LIBOR USD 1 Month + 4.3000%, 5.9236%, 2/25/25 [‡]	1,487,352	1,487,879
Connecticut Avenue Securities Trust 2016-C06 1M2,		
ICE LIBOR USD 1 Month + 4.2500%, 5.8736%, 4/25/29 [‡]	1,348,502	1,406,319
Connecticut Avenue Securities Trust 2017-C01,	1 0 10 000	
ICE LIBOR USD 1 Month + 3.5500%, 5.1736%, 7/25/29 [‡]	1,648,888	1,691,810
Connecticut Avenue Securities Trust 2018-R07,	C10.077	010000
ICE LIBOR USD 1 Month + 2.4000%, 4.0236%, 4/25/31 (144A) [‡]	619,977	617,979
Connecticut Avenue Securities Trust 2019-R02,	075 150	074 150
ICE LIBOR USD 1 Month + 2.3000%, 3.9236%, 8/25/31 (144A) [‡]	275,159	274,153
Connecticut Avenue Securities Trust 2019-R03, ICE LIBOR USD 1 Month + 2.1500%, 3.7736%, 9/25/31 (144A) [‡]	423,391	421,388
Connecticut Avenue Securities Trust 2019-R07,	423,391	421,300
ICE LIBOR USD 1 Month + 2.1000%, 3.7236%, 10/25/39 (144A) [‡]	506,037	504,137
Connecticut Avenue Securities Trust 2021-R02 2M2,	000,007	304,107
US 30 Day Average SOFR + 2.0000%, 2.9257%, 11/25/41 (144A) [‡]	9,573,000	8,557,538
Connecticut Avenue Securities Trust 2021-R03 1M2,	6101 61660	0,000,0000
US 30 Day Average SOFR + 1.6500%, 2.5757%, 12/25/41 (144A) [‡]	3,124,000	2,774,630
Connecticut Avenue Securities Trust 2022-R02 2M2,		
US 30 Day Average SOFR + 3.0000%, 3.9257%, 1/25/42 (144A)‡	3,661,000	3,367,111
Connecticut Avenue Securities Trust 2022-R03 1M1,		
US 30 Day Average SOFR + 2.1000%, 3.0257%, 3/25/42 (144A)‡	7,823,896	7,677,584
Connecticut Avenue Securities Trust 2022-R04 1M1,		
US 30 Day Average SOFR + 2.0000%, 2.9257%, 3/25/42 (144A) [‡]	3,362,188	3,295,161
Connecticut Avenue Securities Trust 2022-R05 2M1,	0.000.070	
US 30 Day Average SOFR + 1.9000%, 2.8257%, 4/25/42 (144A) [‡]	3,838,079	3,772,518
Connecticut Avenue Securities Trust 2022-R05 2M2,	0 7 2 7 0 0 0	0 501 557
US 30 Day Average SOFR + 3.0000%, 3.9257%, 4/25/42 (144A) [‡] Connecticut Avenue Securities Trust 2022-R06 1M1,	2,737,000	2,591,557
US 30 Day Average SOFR + 2.7500%, 3.6977%, 5/25/42 (144A) [‡]	2,518,821	2,512,758
Consumer Loan Underlying Bond Credit Trust 2019-P2 C,	2,010,021	2,012,700
4.4100%, 10/15/26 (144A)	1,474,260	1,469,376
Consumer Loan Underlying Bond Credit Trust 2020-P1 C,	1,11 1,200	1,100,010
4.6100%, 3/15/28 (144A)	808,285	806,122
CP EF Asset Securitization I LLC 2002-1A A, 5.9600%, 4/15/30 (144A)	3,394,000	3,393,742
Credit Suisse Commercial Mortgage Trust 2019-ICE4,		
ICE LIBOR USD 1 Month + 0.9800%, 2.3040%, 5/15/36 (144A) [‡]	9,015,000	8,865,893
Credit Suisse Commercial Mortgage Trust 2019-ICE4 C,		
ICE LIBOR USD 1 Month + 1.4300%, 2.7540%, 5/15/36 (144A) [‡]	1,486,000	1,450,007
Credit Suisse Commercial Mortgage Trust 2020-UNFI,		
ICE LIBOR USD 1 Month + 3.6682%, 4.7882%, 12/15/22 (144A) [‡]	2,312,000	2,259,231
Credit Suisse Commercial Mortgage Trust 2021-WEHO A,	0 500 005	0.051.001
ICE LIBOR USD 1 Month + 3.9693%, 5.2943%, 4/15/23 (144A) [‡]	3,762,367	3,651,991
Diamond Infrastructure Funding LLC 2021-1A A, 1.7600%, 4/15/49 (144A) Domino's Pizza Master Issuer LLC, 4.1160%, 7/25/48 (144A)	4,917,000	4,222,536
Domino's Pizza Master Issuer LLC, 3.6680%, 10/25/49 (144A)	3,314,775 4,438,828	3,226,681 4,028,608
Exeter Automobile Receivables Trust 2019-1, 5.2000%, 1/15/26 (144A)	2,365,000	2,367,292
Exeter Automobile Receivables Trust 2013 1, 0.2000 /0, 17 10/20 (1447) Exeter Automobile Receivables Trust 2021-1A D, 1.0800%, 11/16/26	3,089,000	2,906,706
Extended Stay America Trust 2021-ESH A,	0,000,000	2,000,100
ICE LIBOR USD 1 Month + 1.0800%, 2.4050%, 7/15/38 (144A) [‡]	2,569,188	2,508,854
Extended Stay America Trust 2021-ESH B,	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,000,000
ICE LIBOR USD 1 Month + 1.3800%, 2.7050%, 7/15/38 (144A) [‡]	1,652,828	1,599,881
Fannie Mae Connecticut Avenue Securities,		
ICE LIBOR USD 1 Month + 5.0000%, 6.6236%, 7/25/25 [‡]	1,016,129	1,023,384

Schedule of Investments (unaudited) June 30, 2022

	C /	
	Shares or Principal Amounta	Value
	Principal Amounts	value
Asset-Backed/Commercial Mortgage-Backed Securities- (continued)		
Fannie Mae Connecticut Avenue Securities, ICE LIBOR USD 1 Month + 5.7000%, 7.3236%, 4/25/28 [‡]	\$1.046.250	\$1,105,263
Fannie Mae REMICS, 3.0000%, 5/25/48	2,620,560	2,504,556
Fannie Mae REMICS, 3.0000%, 11/25/49	3,203,054	3,097,719
Flagstar Mortgage Trust 2021-13IN A2, 3.0000%, 12/30/51 (144A) [‡]	9,948,237	8,870,677
Freddie Mac Structured Agency Credit Risk Debt Notes 2019-DNA4 M2,	3,340,201	0,010,011
ICE LIBOR USD 1 Month + 1.9500%, 3.5736%, 10/25/49 (144A) [‡]	158,835	157,530
Freddie Mac Structured Agency Credit Risk Debt Notes 2020-DNA6 M2,	100,000	101,000
US 30 Day Average SOFR + 2.0000%, 2.9257%, 12/25/50 (144A) [‡]	4,640,000	4,565,761
Freddie Mac Structured Agency Credit Risk Debt Notes 2020-HQA2 M2,	.,,	.,,
ICE LIBOR USD 1 Month + 3.1000%, 4.7236%, 3/25/50 (144A) [‡]	1,539,193	1,512,291
Freddie Mac Structured Agency Credit Risk Debt Notes 2020-HQA4 M2,	,,	
ICE LIBOR USD 1 Month + 3.1500%, 4.7736%, 9/25/50 (144A)‡	229,528	229,586
Freddie Mac Structured Agency Credit Risk Debt Notes 2020-HQA5 M2,		,
US 30 Day Average SOFR + 2.6000%, 3.5257%, 11/25/50 (144A)‡	5,251,876	5,209,253
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-DNA2 M2,		
US 30 Day Average SOFR + 2.3000%, 3.2257%, 8/25/33 (144A)‡	1,710,000	1,616,294
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-HQA1 M2,		
US 30 Day Average SOFR + 2.2500%, 3.1757%, 8/25/33 (144A)‡	6,600,000	6,116,543
Freddie Mac Structured Agency Credit Risk Debt Notes 2022-DNA5 M1A,		
US 30 Day Average SOFR + 2.9500%, 3.7292%, 6/25/42 (144A) [‡]	5,078,000	5,081,106
Freddie Mac Structured Agency Credit Risk Debt Notes 2022-HQA1 M1A,		
US 30 Day Average SOFR + 2.1000%, 3.0257%, 3/25/42 (144A) [‡]	3,417,553	3,387,181
FREED ABS Trust 2019-2 C, 4.8600%, 11/18/26 (144A)	1,317,392	1,317,660
GCAT 2022-INV1 A1, 3.0000%, 12/25/51 (144A) [‡]	13,054,755	11,586,673
Great Wolf Trust,		
ICE LIBOR USD 1 Month + 1.0340%, 2.3580%, 12/15/36 (144A)‡	1,067,000	1,040,933
Great Wolf Trust,		
ICE LIBOR USD 1 Month + 1.3340%, 2.6580%, 12/15/36 (144A) [‡]	1,195,000	1,154,126
Great Wolf Trust,		
ICE LIBOR USD 1 Month + 1.6330%, 2.9570%, 12/15/36 (144A) [‡]	1,332,000	1,279,637
Highbridge Loan Management Ltd 2021-16A B,		4 450 050
ICE LIBOR USD 3 Month + 1.7000%, 2.8840%, 1/23/35 (144A) [‡]	1,569,525	1,472,056
Jack in the Box Funding LLC 2019-1A A23, 4.9700%, 8/25/49 (144A)	2,037,213	1,886,080
Jack in the Box Funding LLC 2019-1A A2II, 4.4760%, 8/25/49 (144A)	4,937,500	4,726,613
LAD Auto Receivables Trust 2021-1A A, 1.3000%, 8/17/26 (144A)	2,822,106	2,748,751
Lendbuzz Securitization Trust 2021-1A A, 4.2200%, 5/17/27 (144A) [‡]	6,618,408	6,500,593
Life Financial Services Trust 2021-BMR A,	0.401.407	0 100 0 40
ICE LIBOR USD 1 Month + 0.7000%, 2.0240%, 3/15/38 (144A) [‡]	8,461,407	8,180,642
Life Financial Services Trust 2021-BMR C,	4 100 0 40	0.007.050
ICE LIBOR USD 1 Month + 1.1000%, 2.4240%, 3/15/38 (144A) [‡]	4,199,248	3,987,858
Life Financial Services Trust 2022-BMR2 A1, CME Term SOFR 1 Month + 1.2952%, 2.5739%, 5/15/39 (144A) [‡]	7 067 000	7076710
Life Financial Services Trust 2022-BMR2 B,	7,267,000	7,076,710
	1,854,000	1 709 940
CME Term SOFR 1 Month + 1.7939%, 3.0726%, 5/15/39 (144A) [‡]	1,004,000	1,798,849
LUXE Commercial Mortgage Trust 2021-TRIP A, ICE LIBOR USD 1 Month + 1.0500%, 2.3740%, 10/15/38 (144A) [‡]	1,379,000	1,323,125
MED Trust 2021-MDLN C,	1,379,000	1,020,120
ICE LIBOR USD 1 Month + 1.8000%, 3.1250%, 11/15/38 (144A) [‡]	1,406,000	1,336,491
MED Trust 2021-MDLN D,	1,400,000	1,000,491
ICE LIBOR USD 1 Month + 2.0000%, 3.3250%, 11/15/38 (144A) [‡]	1,427,000	1,353,411
MED Trust 2021-MDLN E,	1,427,000	1,000,411
ICE LIBOR USD 1 Month + 3.1500%, 4.4750%, 11/15/38 (144A) [‡]	6,334,000	5,953,827
MED Trust 2021-MDLN F,	0,004,000	0,000,021
ICE LIBOR USD 1 Month + 4.0000%, 5.3250%, 11/15/38 (144A) [‡]	3,985,000	3,727,951
Mello Mortgage Capital Acceptance Trust 2021-INV2 A11,	0,000,000	0,727,001
US 30 Day Average SOFR + 0.9500%, 1.8757%, 8/25/51 (144A) [‡]	3,341,379	3,162,405
Mello Mortgage Capital Acceptance Trust 2021-INV3 A11,	5,611,616	0,102,100
US 30 Day Average SOFR + 0.9500% , 1.8757% , $10/25/51$ (144A) [‡]	4,211,440	3,985,281
· · · · · · · · · · · · · · · · · · ·	, ,	,

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities- (continued)	T fillelpai Amounts	Value
Mello Mortgage Capital Acceptance Trust 2021-INV4 A3,		
2.5000%, 12/25/51 (144A) [‡]	\$2,974,195	\$2,529,969
Mello Mortgage Capital Acceptance Trust 2022-INV1 A2,		
3.0000%, 3/25/52 (144A) [‡]	8,803,183	7,797,357
Mercury Financial Credit Card Master Trust 2021-1A A,	2.072.000	
1.5400%, 3/20/26 (144A) MHC Commercial Mortgage Trust 2021-MHC A,	3,873,000	3,692,554
ICE LIBOR USD 1 Month + 0.8010% , 2.1250% , $4/15/38$ (144A) [‡]	9,039,888	8,741,776
MHC Commercial Mortgage Trust 2021-MHC C,	-,	_, ,
ICE LIBOR USD 1 Month + 1.3510%, 2.6750%, 4/15/38 (144A) [‡]	4,357,691	4,130,631
New Residential Mortgage Loan Trust 2018-2,	100.001	405 500
ICE LIBOR USD 6 Month + 0.6800%, 4.5000%, 2/25/58 (144A) [‡]	486,084	485,588
NRZ Excess Spread Collateralized Notes 2020-PLS1 A, 3.8440%, 12/25/25 (144A)	1,280,084	1,205,083
NRZ Excess Spread Collateralized Notes 2021-FHT1 A, 3.1040%, 7/25/26 (144A)	3,259,460	2,951,572
Oak Street Investment Grade Net Lease Fund 2020-1A A1,	-,,	11-
1.8500%, 11/20/50 (144A)	3,657,152	3,348,945
Oasis Securitization 2022-1A A, 4.7500%, 5/15/34 (144A)	2,736,902	2,708,548
Oceanview Mortgage Trust 2021-5 AF, US 30 Day Average SOFR + 0.8500%, 1.4345%, 11/25/51 (144A) [‡]	4,809,295	4,512,622
Oceanview Mortgage Trust 2022-1 A1, 3.0000% , 1.4245% , $11725/51$ ($144A$) [‡]	5,301,600	4,686,132
Oceanview Mortgage Trust 2022 2 A1, 3.0000 %, 12/25/51 (144A) [‡]	9,861,786	8,752,755
Onslow Bay Financial LLC 2021-INV3 A3, 2.5000%, 10/25/51 (144A) [‡]	3,652,284	3,115,293
Onslow Bay Financial LLC 2022-INV1 A1, 3.0000%, 12/25/51 (144A)‡	9,937,607	8,792,476
Onslow Bay Financial LLC 2022-INV1 A18, 3.0000%, 12/25/51 (144A)‡	4,214,061	3,703,180
Pagaya Al Debt Selection Trust 2022-1 A, 2.0300%, 10/15/29 (144A)	3,536,859	3,417,106
Preston Ridge Partners Mortgage Trust 2020-4 A1, 2.9510%, 10/25/25 (144A) ^c	2,756,312	2,680,809
Preston Ridge Partners Mortgage Trust 2021-10 A1, 2.4870%, 10/25/26 (144A) [©]	5,119,608	4,841,376
Preston Ridge Partners Mortgage Trust 2021-9 A1, 2.3630%, 10/25/26 (144A) [©] Preston Ridge Partners Mortgage Trust 2022-2 A1, 5.0000%, 3/25/27 (144A) [©]	4,539,388 8,068,769	4,335,380 8,070,012
Regatta XXIII Funding Ltd 2021-4A B,	8,008,700	0,070,012
ICE LIBOR USD 3 Month + 1.7000%, 1.9138%, 1/20/35 (144A) [‡]	1,732,772	1,617,695
Santander Bank Auto Credit-Linked Notes 2021-1A B, 1.8330%, 12/15/31 (144A)	1,480,652	1,442,840
Santander Bank Auto Credit-Linked Notes 2022-A B, 5.2810%, 5/15/32 (144A)	5,811,707	5,733,242
Santander Drive Auto Receivables Trust 2020-3 D, 1.6400%, 11/16/26	7,470,000	7,215,318
Sequoia Mortgage Trust 2013-5, 2.5000%, 5/25/43 (144A) [‡]	702,929	639,712
Sequoia Mortgage Trust 2020-2, 3.5000%, 3/25/50 (144A)‡ Spruce Hill Mortgage Loan Trust 2020-SH1 A1,	270,285	247,243
ICE LIBOR USD 12 Month + 0.9500%, 2.5210%, 1/28/50 (144A) [‡]	66,499	65,955
Spruce Hill Mortgage Loan Trust 2020-SH1 A2,	00,100	00,000
ICE LIBOR USD 12 Month + 1.0500%, 2.6240%, 1/28/50 (144A) [‡]	347,748	344,351
SREIT Trust 2021-MFP A,		
ICE LIBOR USD 1 Month + 0.7308%, 2.0548%, 11/15/38 (144A) [‡]	710,000	673,566
Tesla Auto Lease Trust 2021-B A3, 0.6000%, 9/22/25 (144A)	2,492,000	2,352,384
Tesla Auto Lease Trust 2021-B B, 0.9100%, 9/22/25 (144A) Theorem Funding Trust 2021-1A A, 1.2100%, 12/15/27 (144A)	1,278,000 1,621,106	1,197,609 1,579,922
TPI Re-Remic Trust 2022-FRR1 AK33, 0%, 7/25/46 (144A)	2,503,000	2,368,578
TPI Re-Remic Trust 2022-FRR1 AK34, 0%, 7/25/46 (144A) [◊]	2,061,000	1,950,315
TPI Re-Remic Trust 2022-FRR1 AK35, 0%, 8/25/46 (144A) ⁰	2,795,000	2,633,831
Tricolor Auto Securitization Trust 2022-1A A, 3.3000%, 2/18/25 (144A)	1,004,181	999,403
United Wholesale Mortgage LLC 2021-INV1 A9,		
US 30 Day Average SOFR + 0.9000%, 1.4845%, 8/25/51 (144A) [‡]	3,961,077	3,725,886
United Wholesale Mortgage LLC 2021-INV4 A3, 2.5000%, 12/25/51 (144A) [‡]	2,309,755	1,980,951
Upstart Securitization Trust 2021-4 A, 0.8400%, 9/20/31 (144A) Upstart Securitization Trust 2021-5 A, 1.3100%, 11/20/31 (144A)	2,656,848 1,760,797	2,579,473 1,692,165
Upstart Securitization Trust 2021-0 A, 1.3100%, 11720/31 (144A)	6,922,787	6,744,514
Upstart Securitization Trust 2022-1 A, 4.3700%, 5/20/32 (144A)	11,263,000	11,155,725
Vantage Data Centers LLC 2020-1A A2, 1.6450%, 9/15/45 (144A)	4,798,000	4,348,420
Vantage Data Centers LLC 2020-2A A2, 1.9920%, 9/15/45 (144A)	3,097,000	2,702,126

Schedule of Investments (unaudited) June 30, 2022

	Shares or	Value
	Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities- (continued) VASA Trust 2021-VASA A,		
ICE LIBOR USD 1 Month + 0.9000%, 2.2240%, 7/15/39 (144A) [‡]	\$2,382,000	\$2,275,100
VCAT Asset Securitization LLC 2021-NPL1 A1, 2.2891%, 12/26/50 (144A)	1,058,715	1,015,690
VMC Finance LLC 2021-HT1 A,	.,,	.,,
ICE LIBOR USD 1 Month + 1.6500%, 2.5860%, 1/18/37 (144A) [‡]	3,985,111	3,814,276
Wells Fargo Commercial Mortgage Trust 2021-SAVE A,		
ICE LIBOR USD 1 Month + 1.1500%, 2.4740%, 2/15/40 (144A) [‡]	2,281,645	2,185,399
Westgate Resorts 2022-1A A, 1.7880%, 8/20/36 (144A) Westlake Automobile Receivable Trust 2020-1A D, 2.8000%, 6/16/25 (144A)	1,828,561	1,745,976
Woodward Capital Management 2021-3 A21,	3,399,000	3,337,815
US 30 Day Average SOFR + 0.8000%, 1.3845%, 7/25/51 (144A) [‡]	2,977,381	2,771,077
Total Asset-Backed/Commercial Mortgage-Backed Securities (cost \$517,470,044)	2,011,001	490,757,001
Corporate Bonds- 9.2%		
Banking – 3.4%		
American Express Co, SOFR + 2.2550%, 4.9890%, 5/26/33 [‡]	8,525,000	8,526,460
Bank of America Corp, ICE LIBOR USD 3 Month + 1.5120%, 3.7050%, 4/24/28 [‡]	3,293,000	3,139,055
Bank of America Corp, SOFR + 1.5800%, 4.3760%, 4/27/28 [‡]	9,620,000	9,470,608
Bank of America Corp, ICE LIBOR USD 3 Month + 1.0700%, 3.9700%, 3/5/29 [‡]	3,294,000	3,140,975
Bank of America Corp, SOFR + 1.0600%, 2.0870%, 6/14/29 [‡]	7,305,000	6,255,865
Bank of America Corp, SOFR + 2.1500%, 2.5920%, 4/29/31 [‡]	15,594,000	13,225,943
Bank of America Corp, SOFR + 1.8300%, 4.5710%, 4/27/33 [‡] Bank of America Corp, ICE LIBOR USD 3 Month + 3.7050%, 6.2500% ^{‡,µ}	9,962,000 7,229,000	9,695,128
Bank of America Corp, ICE LIBOR USD 3 Month + 3.7050%, 6.25000% ^{+,} Bank of America Corp, ICE LIBOR USD 3 Month + 3.1350%, 5.2000% ^{+,}	2,002,000	7,026,588 1,856,855
Bank of New York Mellon Corp,	2,002,000	1,850,855
US Treasury Yield Curve Rate 5 Year + 4.3580%, 4.7000% ^{‡,µ}	9,976,000	9,746,552
Bank of Montreal,	-,	-,,
US Treasury Yield Curve Rate 5 Year + 1.4000%, 3.0880%, 1/10/37‡	15,654,000	12,809,563
BNP Paribas SA, SOFR + 1.2280%, 2.5910%, 1/20/28 (144A)‡	3,776,000	3,396,458
BNP Paribas SA, SOFR + 1.5610%, 3.1320%, 1/20/33 (144A) [‡]	3,226,000	2,700,702
Citigroup Inc, ICE LIBOR USD 3 Month + 1.5630%, 3.8870%, 1/10/28 [‡]	11,561,000	11,115,360
Citigroup Inc, SOFR + 3.9140%, 4.4120%, 3/31/31 [‡]	6,795,000	6,489,693
Citigroup Inc, ICE LIBOR USD 3 Month + 3.4660%, 5.3500% ^{‡,µ}	2,436,000 2,339,000	2,267,062
Citigroup Inc, ICE LIBOR USD 3 Month + 3.9050%, 5.9500% ^{∓,µ} Citigroup Inc, ICE LIBOR USD 3 Month + 3.4230%, 6.3000% ^{‡,µ}	2,339,000	2,171,414 517,965
Commonwealth Bank of Australia, 3.7840%, 3/14/32 (144A)	6,818,000	6,006,241
First Republic Bank/CA, 4.6250%, 2/13/47	1,653,000	1,506,477
Goldman Sachs Group Inc, 3.5000%, 4/1/25	12,173,000	11,932,634
Goldman Sachs Group Inc, SOFR + 1.4100%, 3.1020%, 2/24/33 [‡]	4,664,000	3,983,411
JPMorgan Chase & Co, SOFR + 1.8500%, 2.0830%, 4/22/26 [‡]	4,098,000	3,831,928
JPMorgan Chase & Co, SOFR + 1.3200%, 4.0800%, 4/26/26 [‡]	6,417,000	6,336,960
JPMorgan Chase & Co, ICE LIBOR USD 3 Month + 1.2450%, 3.9600%, 1/29/27 [‡]	6,655,000	6,492,953
JPMorgan Chase & Co, SOFR + 1.7500%, 4.5650%, 6/14/30 [‡]	5,579,000	5,477,200
JPMorgan Chase & Co, SOFR + 2.5150%, 2.9560%, 5/13/31 [‡]	6,345,000	5,478,169
JPMorgan Chase & Co, SOFR + 1.2600%, 2.9630%, 1/25/33 [‡] JPMorgan Chase & Co, SOFR + 1.8000%, 4.5860%, 4/26/33 [‡]	10,691,000 2,638,000	9,176,736 2,591,153
JPMorgan Chase & Co, SOFR + 3.3800%, 5.0000% ^{\pm,μ}	2,000,000	1,765,000
JPMorgan Chase & Co, SOFR + 3.1250%, 4.6000% ^{‡,µ}	2,111,000	1,782,784
Morgan Stanley, SOFR + 1.9900%, 2.1880%, 4/28/26 [‡]	8,296,000	7,766,324
Morgan Stanley, 4.3500%, 9/8/26	3,985,000	3,943,817
Morgan Stanley, SOFR + 0.8790%, 1.5930%, 5/4/27 [‡]	3,223,000	2,860,926
Morgan Stanley, SOFR + 1.0340%, 1.7940%, 2/13/32 [‡]	5,529,000	4,349,093
Morgan Stanley, SOFR + 1.1780%, 2.2390%, 7/21/32 [‡]	9,178,000	7,435,121
Morgan Stanley, SOFR + 1.2900%, 2.9430%, 1/21/33 [‡]	11,596,000	9,938,390
Morgan Stanley, SOFR + 1.3600%, 2.4840%, 9/16/36 [‡]	11,051,000 8,080,000	8,497,347
National Australia Bank Ltd, 2.9900%, 5/21/31 (144A) SVB Financial Group,	0,000,000	6,751,815
US Treasury Yield Curve Rate 5 Year + 3.0740%, 4.2500% ^{‡,µ}	12,155,000	9,171,321
SVB Financial Group,	, . 30,000	0,111,021
US Treasury Yield Curve Rate 10 Year + 3.0640%, 4.1000% ^{‡,µ}	6,329,000	4,352,544

Schedule of Investments (unaudited) June 30, 2022

	Shares or	
Correcte Deade (continued)	Principal Amounts	Value
Corporate Bonds- (continued) Banking- (continued) US Bancorp,		
US Treasury Yield Curve Rate 5 Year + 0.9500%, 2.4910%, 11/3/36 [‡] Westpac Banking Corp.	\$7,286,000	\$5,937,134
US Treasury Yield Curve Rate 5 Year + 1.7500%, 2.6680%, 11/15/35‡	5,490,000	<u>4,369,619</u> 255,287,343
Basic Industry – 0.2% Allegheny Technologies Inc, 5.8750%, 12/1/27 Axalta Coating Systems Ltd, 3.3750%, 2/15/29 (144A) Element Solutions Inc, 3.8750%, 9/1/28 (144A) Reliance Steel & Aluminum Co, 4.5000%, 4/15/23	4,100,000 7,654,000 5,787,000 2,242,000	3,630,517 6,248,496 4,775,027 2,248,890 16,902,930
Brokerage – 0.3% Charles Schwab Corp, US Treasury Yield Curve Rate 10 Year + 3.0790%, 4.0000% ^{‡,µ}	2,946,000	2,267,683
Charles Schwab Corp,		
US Treasury Yield Curve Rate 5 Year + 4.9710%, 5.3750% ^{‡,µ} Capital Goods – 0.1%	16,729,000	<u>16,519,887</u> 18,787,570
Allegion US Holding Co Inc, 5.4110%, 7/1/32 General Dynamics Corp, 3.5000%, 4/1/27 Standard Industries Inc/NJ, 4.3750%, 7/15/30 (144A)	6,862,000 2,033,000 1,731,000	6,815,569 1,995,423 1,365,326
Communications – 0.3%		10,176,318
AT&T Inc, 3.8000%, 12/1/57 AT&T Inc, 3.6500%, 9/15/59 Charter Communications Operating LLC / Charter Communications Operating Capital,	3,657,000 604,000	2,824,384 452,365
2.8000%, 4/1/31 Charter Communications Operating LLC / Charter Communications Operating Capital,	4,500,000	3,603,860
6.4840%, 10/23/45 Comcast Corp, 3.7500%, 4/1/40	, 936,000 1,775,000	909,951 1,555,718
Fox Corp, 4.0300%, 1/25/24 Netflix Inc, 4.8750%, 4/15/28 Netflix Inc, 5.8750%, 11/15/28	2,592,000 1,782,000 6,238,000	2,592,224 1,676,951 6,098,955
Consumer Cyclical – 0.4%		19,714,408
Amazon.com Inc, 3.0000%, 4/13/25 Amazon.com Inc, 3.9500%, 4/13/52 Amazon.com Inc, 4.1000%, 4/13/62 Dollar General Corp, 4.1250%, 4/3/50 GLP Capital LP / GLP Financing II Inc, 5.2500%, 6/1/25 GLP Capital LP / GLP Financing II Inc, 5.3750%, 4/15/26 GLP Capital LP / GLP Financing II Inc, 5.3000%, 1/15/29 Lithia Motors Inc, 3.8750%, 6/1/29 (144A)	6,903,000 3,254,000 5,307,000 3,153,000 1,284,000 2,597,000 344,000 8,746,000	6,832,905 3,006,455 4,801,473 2,628,275 1,259,206 2,541,476 328,558 7,428,677 28,827,025
Consumer Non-Cyclical – 1.1% Aramark Services Inc, 6.3750%, 5/1/25 (144A) CSL Finance Ltd, 3.8500%, 4/27/27 (144A) CSL Finance Ltd, 4.0500%, 4/27/32 (144A) CSL Finance Ltd, 4.2500%, 4/27/32 (144A) CVS Health Corp, 5.0500%, 3/25/48 Diageo Capital PLC, 1.3750%, 3/25/48 Diageo Capital PLC, 2.0000%, 4/29/30 Diageo Capital PLC, 2.1250%, 4/29/32 GSK Consumer Healthcare Capital US LLC, 3.3750%, 3/24/27 (144A) GSK Consumer Healthcare Capital US LLC, 3.3750%, 3/24/29 (144A) Hasbro Inc, 3.9000%, 11/19/29 Hasbro Inc, 6.3500%, 3/15/40 Hasbro Inc, 5.1000%, 5/15/44 HCA Inc, 5.8750%, 2/15/26	7,110,000 1,899,000 4,706,000 3,350,000 2,563,000 2,989,000 2,398,000 3,937,000 2,511,000 7,182,000 1,921,000 1,097,000 1,152,000	6,956,068 1,881,118 4,619,974 3,275,353 2,453,427 2,960,481 2,549,842 1,999,946 3,768,222 2,349,078 6,594,988 1,969,659 981,909 1,157,910

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Corporate Bonds- (continued)	, molpar, mounto	14400
Consumer Non-Cyclical– (continued)		
HCA Inc, 5.3750%, 9/1/26	\$883,000	\$875,570
HCA Inc, 5.6250%, 9/1/28	2,351,000	2,312,667
HCA Inc, 5.8750%, 2/1/29	1,902,000	1,903,455
HCA Inc, 5.5000%, 6/15/47	1,035,000	923,254
JBS Finance Luxembourg Sarl, 3.6250%, 1/15/32 (144A)	2,646,000	2,136,645
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc,		
6.5000%, 4/15/29 (144A)	1,173,000	1,180,038
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc,	5 0 5 5 0 0 0	1000.001
5.5000%, 1/15/30 (144A)	5,277,000	4,993,621
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc,	4 058 000	2116205
3.0000%, 5/15/32 (144A)	4,058,000	3,116,385
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc, 4.3750%, 2/2/52 (144A)	6,315,000	4,466,094
Mondelez International Inc, 2.7500%, 4/13/30	331,000	290,690
Performance Food Group Inc, 4.2500%, 8/1/29 (144A)	9,063,000	7,567,605
Pilgrim's Pride Corp, 3.5000%, 3/1/32 (144A)	6,263,000	4,892,969
Royalty Pharma PLC, 3.5500%, 9/2/50	3,923,000	2,739,168
Royalty Pharma PLC, 3.3500%, 9/2/51	2,294,000	1,554,506
Teva Pharmaceutical Industries Ltd, 4.7500%, 5/9/27	1,157,000	988,215
		83,458,857
Electric – 0.4%		
Algonquin Power & Utilities Corp,		
US Treasury Yield Curve Rate 5 Year + 3.2490%, 4.7500%, 1/18/82 [‡]	6,939,000	5,759,240
	0.040.000	0.000.007
US Treasury Yield Curve Rate 5 Year + 3.1950%, 4.3500% ^{‡,µ}	3,643,000	2,996,367
Duquesne Light Holdings Inc, 2.7750%, 1/7/32 (144A)	4,842,000	3,968,090
NextEra Energy Capital Holdings Inc, 1.8750%, 1/15/27 NextEra Energy Capital Holdings Inc, 2.4400%, 1/15/32	8,152,000 2,422,000	7,352,424 2,017,170
NRG Energy Inc, 6.6250%, 1/15/27	1,450,000	1,420,096
NRG Energy Inc, 3.3750%, 2/15/29 (144A)	4,783,000	3,857,059
NRG Energy Inc, 3.6250%, 2/15/31 (144A)	5,400,000	4,233,546
		31,603,992
Energy – 0.1%		
Energy Transfer Operating LP, 4.9500%, 6/15/28	184,000	181,311
Hess Midstream Operations LP, 5.1250%, 6/15/28 (144A)	4,799,000	4,307,102
Southwestern Energy Co, 4.7500%, 2/1/32	3,664,000	3,130,980
		7,619,393
Finance Companies – 0.4% AerCap Ireland Capital DAC / AerCap Global Aviation Trust,		
4.6250%, 10/15/27	5,280,000	4,970,468
AerCap Ireland Capital DAC / AerCap Global Aviation Trust,	3,200,000	4,970,400
3.0000%, 10/29/28	3,808,000	3,207,550
Air Lease Corp, 1.8750%, 8/15/26	4,823,000	4,166,995
Air Lease Corp, 3.0000%, 2/1/30	2,435,000	1,987,117
Ares Capital Corp, 2.8750%, 6/15/27	5,015,000	4,185,885
Quicken Loans LLC, 3.6250%, 3/1/29 (144A)	3,100,000	2,437,592
Quicken Loans LLC, 3.8750%, 3/1/31 (144A)	3,792,000	2,841,308
Rocket Mortgage LLC / Rocket Mortgage Co-Issuer Inc,		
2.8750%, 10/15/26 (144A)	5,605,000	4,632,028
Rocket Mortgage LLC / Rocket Mortgage Co-Issuer Inc,	1050.000	0.000.000
4.0000%, 10/15/33 (144A)	4,259,000	3,023,890
$\ln \alpha = 1.0\%$		31,452,833
Insurance – 1.0% Athene Global Funding, 1.7160%, 1/7/25 (144A)	3,099,000	2,891,708
Athene Global Funding, 1.7300%, 10/2/26 (144A)	9,932,000	2,091,708
Athene Global Funding, 2.7170%, 1/7/29 (144A)	6,386,000	5,423,416
Athene Global Funding, 2.6460%, 10/4/31 (144A)	9,596,000	7,654,204
Brown & Brown Inc, 4.2000%, 3/17/32	1,924,000	1,751,303
Brown & Brown Inc, 4.9500%, 3/17/52	5,658,000	4,963,042

Schedule of Investments (unaudited) June 30, 2022

	Shares or	Mahaa
	Principal Amounts	Value
Corporate Bonds- (continued) Insurance- (continued)		
Centene Corp, 4.2500%, 12/15/27	\$16,441,000	\$15,347,180
Centene Corp, 4.2000%, 7/15/28	4,942,000	4,121,826
Centene Corp, 3.0000%, 10/15/30	5,197,000	4,307,014
Molina Healthcare Inc, 4.3750%, 6/15/28 (144A)	13,333,000	11,909,982
Prudential Financial Inc,		, ,
US Treasury Yield Curve Rate 5 Year + 3.0350%, 3.7000%, 10/1/50 [‡]	7,720,000	6,462,026
		73,451,106
Real Estate Investment Trusts (REITs) – 0.3%		
Agree LP, 2.0000%, 6/15/28	3,231,000	2,758,691
Agree LP, 2.9000%, 10/1/30	2,058,000	1,745,063
Agree LP, 2.6000%, 6/15/33 Invitation Homes Inc, 2.0000%, 8/15/31	2,424,000 5,620,000	1,919,414
MPT Operating Partnership LP / MPT Finance Corp, 3.5000%, 3/15/31	4,683,000	4,323,247 3,690,953
Rexford Industrial Realty Inc, 2.1500%, 9/1/31	6,560,000	5,156,906
Sun Communities Inc, 2.7000%, 7/15/31	6,161,000	4,964,947
	0,101,000	24,559,221
Technology – 1.1%		_ ,,,
Advanced Micro Devices Inc, 3.9240%, 6/1/32	2,586,000	2,545,104
Analog Devices Inc, 2.9500%, 4/1/25	2,815,000	2,757,535
Broadcom Inc, 4.3000%, 11/15/32	5,505,000	4,999,859
Equinix Inc, 2.1500%, 7/15/30	2,665,000	2,155,974
Global Payments Inc, 2.1500%, 1/15/27	3,318,000	2,944,932
Global Payments Inc, 2.9000%, 11/15/31	4,978,000	4,076,684
Marvell Technology Inc, 1.6500%, 4/15/26	3,675,000	3,292,139
Marvell Technology Inc, 4.8750%, 6/22/28	4,065,000	4,008,435
Microchip Technology Inc, 2.6700%, 9/1/23 MSCI Inc, 4.0000%, 11/15/29 (144A)	6,452,000 422,000	6,344,502
MSCI Inc, 4.0000%, 11713/29 (144A) MSCI Inc, 3.6250%, 9/1/30 (144A)	8,577,000	374,031 7,150,467
MSCI Inc, 3.8750%, 2/15/31 (144A)	6,019,000	5,146,245
PayPal Holdings Inc, 1.6500%, 6/1/25	2,243,000	2,115,886
SK Hynix Inc, 1.5000%, 1/19/26 (144A)	5,745,000	5,163,434
SK Hynix Inc, 2.3750%, 1/19/31 (144A)	2,875,000	2,264,325
Total System Services Inc, 4.8000%, 4/1/26	3,189,000	3,188,862
Trimble Inc, 4.7500%, 12/1/24	5,510,000	5,536,724
Trimble Inc, 4.9000%, 6/15/28	3,194,000	3,113,310
TSMC Arizona Corp, 3.8750%, 4/22/27	4,802,000	4,785,705
Workday Inc, 3.5000%, 4/1/27	2,530,000	2,419,427
Workday Inc, 3.7000%, 4/1/29	1,900,000	1,777,242
Workday Inc, 3.8000%, 4/1/32	4,129,000	3,772,566
Transportation - 0.1%		79,933,388
GXO Logistics inc, 1.6500%, 7/15/26 (144A)	4,255,000	3,712,789
GXO Logistics inc, 2.6500%, 7/15/20 (144A)	647,000	505,486
	041,000	4,218,275
Total Corporate Bonds (cost \$781,832,242)		685,992,659
Mortgage-Backed Securities- 8.3%		,
Fannie Mae:		
2.0000%, TBA, 15 Year Maturity	14,284,295	13,327,561
2.5000%, TBA, 15 Year Maturity	8,099,200	7,736,218
3.0000%, TBA, 15 Year Maturity	3,467,791	3,387,751
2.5000%, TBA, 30 Year Maturity	8,335,827	7,492,433
3.0000%, TBA, 30 Year Maturity	24,514,130	22,820,228
3.5000%, TBA, 30 Year Maturity	114,388,524	109,993,145
4.0000%, TBA, 30 Year Maturity	63,969,027	63,067,128
4.5000%, TBA, 30 Year Maturity	66,007,831	66,252,060
		294,076,524
Fannie Mae Pool:		005 000
3.0000%, 10/1/34	374,140	367,886

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Mortgage-Backed Securities- (continued)	· · · · · ·	
Fannie Mae Pool- (continued)		
2.5000%, 11/1/34	\$262,589	\$252,861
3.0000%, 11/1/34	141,308	138,946
3.0000%, 12/1/34	150,805	148,284
6.0000%, 2/1/37	65,801	71,681
4.5000%, 11/1/42	332,303	342,360
3.0000%, 1/1/43	193,677	185,258
3.0000%, 2/1/43	48,521	46,412 424,531
3.0000%, 5/1/43 5.0000%, 7/1/44	444,362 38,218	40,033
4.5000%, 10/1/44	845,944	868,342
4.5000%, 3/1/45	1,231,753	1,264,366
4.5000%, 6/1/45	646,214	665,477
3.5000%, 12/1/45	456,381	446,697
3.0000%, 1/1/46	70,387	66,816
4.5000%, 2/1/46	1,456,310	1,500,385
3.5000%, 7/1/46	867,967	848,586
3.0000%, 9/1/46	4,426,470	4,228,932
3.0000%, 2/1/47	13,909,279	13,288,556
3.0000%, 3/1/47	1,540,052	1,459,900
3.5000%, 3/1/47	396,369	387,959
3.5000%, 7/1/47	351,358	343,903
3.5000%, 8/1/47	280,459	273,853 271,398
3.5000%, 8/1/47 3.5000%, 12/1/47	277,285 132,719	129,902
3.5000%, 12/1/47	80,123	78,422
3.5000%, 1/1/48	817,659	794,137
4.0000%, 1/1/48	2,946,454	2,943,138
4.0000%, 1/1/48	2,845,289	2,837,136
3.0000%, 2/1/48	777,636	738,179
3.5000%, 3/1/48	118,563	115,894
4.0000%, 3/1/48	844,096	843,146
4.5000%, 3/1/48	32,431	32,978
5.0000%, 5/1/48	753,800	772,837
3.5000%, 7/1/48	9,049,161	8,847,099
4.5000%, 8/1/48	18,582	18,896
4.0000%, 2/1/49	421,795	421,562
3.0000%, 8/1/49 3.0000%, 9/1/49	925,374 190,908	870,311 179,427
2.5000%, 1/1/50	514,763	468,014
2.5000%, 8/1/50	748,276	684,223
2.5000%, 10/1/50	867,053	785,230
2.5000%, 1/1/52	4,404,452	3,989,697
2.5000%, 2/1/52	21,718,507	19,646,010
3.0000%, 2/1/52	4,237,237	3,954,431
2.5000%, 3/1/52	8,944,072	8,073,597
2.5000%, 3/1/52	8,642,029	7,818,190
2.5000%, 3/1/52	3,211,461	2,905,748
2.5000%, 3/1/52	775,522	699,894
2.5000%, 3/1/52	711,064	641,860
2.5000%, 3/1/52 2.5000%, 3/1/52	617,391 247,218	558,536 223,454
3.0000%, 3/1/52	15,017,871	13,997,758
3.0000%, 3/1/52	4,770,803	4,452,646
3.0000%, 3/1/52	4,312,616	4,028,499
3.0000%, 4/1/52	11,392,198	10,616,153
3.0000%, 4/1/52	3,642,613	3,404,729
3.0000%, 4/1/52	3,212,828	3,000,956
3.5000%, 4/1/52	3,168,577	3,066,235
3.5000%, 4/1/52	1,760,609	1,703,447

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Mortgage-Backed Securities- (continued)	· · · · · · · · · · · · · · · · · · ·	
Fannie Mae Pool- (continued)	¢1,000,057	¢1 05 4 170
3.5000%, 4/1/52 3.5000%, 4/1/52	\$1,089,357 661,119	\$1,054,172 639,695
3.5000%, 4/1/52	507,886	491,397
3.5000%, 5/1/52	1,863,764	1,803,422
3.5000%, 6/1/52	11,644,125	11,207,172
3.5000%, 6/1/52	9,969,415	9,699,618
3.5000%, 6/1/52	3,718,784	3,578,856
3.5000%, 7/1/52 3.5000%, 8/1/56	1,422,053 3,101,208	1,383,569 3,045,066
3.0000%, 2/1/57	3,144,450	2,956,584
3.0000%, 6/1/57	58,772	55,039
Freddie Mac Gold Pool:		178,190,383
3.5000%, 1/1/47	269,834	265,555
Freddie Mac Pool:		
3.0000%, 5/1/31	3,570,525	3,544,414
3.0000%, 9/1/32	711,750	704,702
3.0000%, 10/1/32 3.0000%, 1/1/33	367,274 479,871	363,637 475,119
2.5000%, 12/1/33	3,549,091	3,474,473
3.0000%, 10/1/34	819,755	806,054
3.0000%, 10/1/34	368,957	362,790
2.5000%, 11/1/34	1,080,573	1,040,580
2.5000%, 11/1/34	252,092	242,762
6.0000%, 4/1/40	991,600	1,083,108
3.5000%, 7/1/42 3.5000%, 8/1/42	159,682 183,196	157,000 180,120
3.5000%, 8/1/42	170,028	167,173
3.5000%, 2/1/43	468,143	460,564
3.0000%, 3/1/43	1,611,349	1,539,448
3.0000%, 6/1/43	59,501	56,176
3.5000%, 2/1/44	529,141	520,575
4.5000%, 5/1/44 3.5000%, 12/1/44	257,895 3,160,256	265,571 3,107,485
3.0000%, 1/1/45	792,926	755,876
3.0000%, 1/1/46	145,216	138,737
3.5000%, 7/1/46	626,255	608,632
3.0000%, 10/1/46	1,718,539	1,629,203
4.0000%, 3/1/47	313,652	314,875
3.0000%, 4/1/47 3.5000%, 4/1/47	334,677 134,840	317,279 131,825
3.5000%, 9/1/47	1,104,145	1,078,129
3.5000%, 12/1/47	1,865,186	1,821,239
3.5000%, 2/1/48	688,700	667,692
4.0000%, 3/1/48	841,310	840,363
4.5000%, 3/1/48	28,655	29,138
4.0000%, 4/1/48 4.0000%, 4/1/48	696,935 678,105	694,940 677,820
4.0000%, 5/1/48	678,195 1,162,058	1,161,415
4.5000%, 7/1/48	153,451	156,038
5.0000%, 9/1/48	31,042	31,830
4.5000%, 12/1/48	634,696	649,208
3.0000%, 8/1/49	738,250	694,328
3.0000%, 8/1/49	306,626	288,383
3.0000%, 12/1/49 3.0000%, 12/1/49	423,865 311,085	398,647 292,577
2.5000%, 1/1/50	227,139	292,577 206,529
3.0000%, 3/1/50	459,745	431,545
3.5000%, 3/1/50	149,887	144,869

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Mortgage-Backed Securities- (continued)	i mopa Amouno	Value
Freddie Mac Pool- (continued)	\$383,453	¢250.021
2.5000%, 8/1/50 2.5000%, 8/1/50	137,887	\$350,831 126,087
2.5000%, 9/1/50	706,378	645,575
2.5000%, 1/1/52	1,392,441	1,262,171
2.5000%, 1/1/52 2.5000%, 2/1/52	842,640 1,989,263	761,010 1,799,623
3.0000%, 2/1/52	1,151,813	1,076,027
3.0000%, 2/1/52	866,486	810,030
3.5000%, 2/1/52	3,512,712	3,386,376
2.5000%, 3/1/52 3.0000%, 3/1/52	304,666 1,199,297	275,013 1,121,077
3.5000%, 4/1/52	1,389,109	1,344,274
3.5000%, 4/1/52	1,258,682	1,218,057
3.5000%, 4/1/52 3.5000%, 4/1/52	440,045 368,511	425,795 356,555
3.5000%, 5/1/52	9,313,269	8,973,356
3.5000%, 6/1/52	5,719,003	5,550,537
Charle Mar		62,195,262
Ginnie Mae: 2.5000%, TBA, 30 Year Maturity	26,348,470	24,086,190
3.0000%, TBA, 30 Year Maturity	1,555,281	1,465,333
3.5000%, TBA, 30 Year Maturity	18,271,812	17,751,175
Ginnie Mae I Pool:		43,302,698
4.0000%, 1/15/45	3,030,605	3,078,111
4.5000%, 8/15/46	3,162,864	3,264,225
4.0000%, 7/15/47	593,008	598,710
4.0000%, 8/15/47 4.0000%, 11/15/47	67,192 99,378	67,838 100,333
4.0000%, 12/15/47	251,054	253,468
		7,362,685
Ginnie Mae II Pool: 4.0000%, 8/20/47	349,374	351,977
4.0000%, 8/20/47	66,703	67,200
4.0000%, 8/20/47	51,789	52,175
4.5000%, 2/20/48	318,264	327,284
4.0000%, 5/20/48 4.5000%, 5/20/48	157,823 559,827	158,379 571,669
4.5000%, 5/20/48	114,068	116,481
4.0000%, 6/20/48	1,585,119	1,589,225
5.0000%, 8/20/48 3.0000%, 7/20/51	1,153,330 7,910,110	1,205,719 7,471,271
3.0000%, 8/20/51	17,730,169	16,755,071
		28,666,451
Total Mortgage-Backed Securities (cost \$628,653,759)		614,059,558
United States Treasury Notes/Bonds- 17.7% 0.1250%, 2/28/23	59,371,000	58,362,157
0.1250%, 8/31/23	35,321,000	34,171,688
0.3750%, 10/31/23	12,339,000	11,924,487
0.8750%, 1/31/24 1.5000%, 2/29/24	12,473,000 89,499,000	12,069,576 87,390,879
1.5000%, 2/15/25	5,340,000	5,132,241
1.7500%, 3/15/25	1,575,000	1,522,644
0.3750%, 1/31/26	46,025,100	41,850,480
0.7500%, 4/30/26 0.8750%, 6/30/26	45,243,000 66,485,000	41,475,106 61,033,749
0.6250%, 7/31/26	23,639,000	21,437,618
0.8750%, 9/30/26	53,894,700	49,221,019

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
United States Treasury Notes/Bonds- (continued)		
1.2500%, 11/30/26	\$38,681,800	\$35,818,440
1.2500%, 12/31/26	19,962,000	14,659,228
2.7500%, 4/30/27	201,447,800	198,725,108
3.2500%, 6/30/27 1.1250%, 8/31/28	92,804,000 30,446,500	93,732,188 27,096,196
2.8750%, 4/30/29	17,287,000	17,084,418
2.7500%, 5/31/29	13,796,000	13,524,391
2.8750%, 5/15/32	211,774,200	209,391,740
1.3750%, 11/15/40	13,566,000	9,770,170
1.7500%, 8/15/41	85,465,000	65,010,154
2.0000%, 11/15/41 2.3750%, 2/15/42	50,257,000 42,782,000	39,915,052 36,277,799
2.7500%, 8/15/42	27,621,500	24,782,743
1.3750%, 8/15/50	46,677,000	30,724,771
1.8750%, 2/15/51	19,445,900	14,586,704
2.2500%, 2/15/52	65,353,000	53,783,477
Total United States Treasury Notes/Bonds (cost \$1,399,009,683)		1,310,474,223
Common Stocks- 55.2%		
Aerospace & Defense – 1.2%	050 100	EE 781 000
General Dynamics Corp L3Harris Technologies Inc	252,122 145,887	55,781,992 35,260,888
Lonaris recinologies inc	143,807	91,042,880
Air Freight & Logistics – 1.1%		01,012,000
United Parcel Service Inc	460,144	83,994,686
Banks – 1.7%		
Bank of America Corp	2,603,978	81,061,835
JPMorgan Chase & Co	411,137	46,298,138
Beverages – 1.1%		127,359,973
Constellation Brands Inc	92,453	21,547,096
Monster Beverage Corp*	679,001	62,943,393
		84,490,489
Biotechnology – 1.2%	500 405	
AbbVie Inc Copital Marketa 0.40%	583,427	89,357,679
Capital Markets – 2.4% Charles Schwab Corp	427,572	27,013,999
CME Group Inc	247,316	50,625,585
Goldman Sachs Group Inc	117,254	34,826,783
Morgan Stanley	871,381	66,277,239
		178,743,606
Chemicals – 0.3% Corteva Inc	200 570	01 145 569
Conteva inc Communications Equipment – 0.3%	390,572	21,145,568
Motorola Solutions Inc	121,835	25,536,616
Consumer Finance – 0.9%		
American Express Co	453,460	62,858,625
Electrical Equipment – 0.3%	0.4 505	
Rockwell Automation Inc	91,737	18,284,101
Electronic Equipment, Instruments & Components – 0.3% Corning Inc	745,937	23,504,475
Entertainment – 0.7%	140,001	20,004,470
Walt Disney Co*	560,021	52,865,982
Food & Staples Retailing – 1.4%		
Costco Wholesale Corp	153,948	73,784,197
Sysco Corp	333,342	28,237,401
Food Deaduate 0.5%		102,021,598
Food Products – 0.5% Hershey Co	170,269	36,635,078
I leisiley CO	170,209	30,033,078

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks- (continued)		
Health Care Equipment & Supplies – 2.3% Abbott Laboratories	594,775	\$64,622,304
Align Technology Inc*	74,931	17,733,920
Edwards Lifesciences Corp*	183,157	17,416,399
IDEXX Laboratories Inc*	41,351	14,503,036
Intuitive Surgical Inc*	70,724	14,195,014
Medtronic PLC	232,693	20,884,197
Stryker Corp	108,209	21,526,016
	,	170,880,886
Health Care Providers & Services – 2.3%		
UnitedHealth Group Inc	327,076	167,996,046
Hotels, Restaurants & Leisure – 2.3%	0.40.005	
Hilton Worldwide Holdings Inc	342,965	38,220,020
McDonald's Corp	348,690	86,084,587
Starbucks Corp	637,704	48,714,209
Household Products – 0.8%		173,018,816
Procter & Gamble Co	432,305	62,161,136
Industrial Conglomerates – 0.8%	102,000	02,101,100
Honeywell International Inc	321,982	55,963,691
Information Technology Services – 3.1%		
Accenture PLC	149,004	41,370,961
Cognizant Technology Solutions Corp	270,410	18,249,971
Fidelity National Information Services Inc	376,218	34,487,904
Mastercard Inc	423,543	133,619,346
1.00/		227,728,182
Insurance – 1.3%	000 71 0	
Progressive Corp/The Interactive Media & Services – 3.1%	822,716	95,657,189
Alphabet Inc - Class C*	103,549	226,508,260
Internet & Direct Marketing Retail – 2.5%	100,040	220,000,200
Amazon.com Inc*	1,404,597	149,182,247
Booking Holdings Inc*	19,585	34,253,969
5 5		183,436,216
Leisure Products – 0.4%		
Hasbro Inc	364,294	29,828,393
Life Sciences Tools & Services – 0.9%	100.001	00.050.050
Thermo Fisher Scientific Inc	123,091	66,872,878
Machinery – 1.7% Deere & Co	235,386	70 401 045
Parker-Hannifin Corp	116,125	70,491,045 28,572,556
Trane Technologies PLC	186,952	24,279,456
	100,002	123,343,057
Media - 1.0%		
Comcast Corp	1,923,052	75,460,560
Multiline Retail – 1.0%		
Dollar General Corp	306,558	75,241,595
Oil, Gas & Consumable Fuels – 0.3%	000.000	00 440 054
ConocoPhillips Personal Products – 0.5%	260,996	23,440,051
Estee Lauder Cos Inc	138,800	35,348,196
Pharmaceuticals – 2.4%	138,800	55,546,190
Eli Lilly & Co	288,168	93,432,711
Merck & Co Inc	673,402	61,394,060
Zoetis Inc	132,307	22,742,250
		177,569,021
Real Estate Management & Development – 0.2%		
CBRE Group Inc*	236,609	17,416,788
Semiconductor & Semiconductor Equipment – 3.4%	E 44 400	41.005.005
Advanced Micro Devices Inc*	544,100	41,607,327

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks- (continued)	, molpar, mounto	
Semiconductor & Semiconductor Equipment- (continued)		
Lam Research Corp	186.909	\$79,651,270
NVIDIA Corp	528,650	80,138,053
Texas Instruments Inc	340,947	52,386,507
		253,783,157
Software – 6.3%		
Adobe Inc*	175,303	64,171,416
Cadence Design Systems Inc*	157,802	23,675,034
Microsoft Corp	1,396,011	358,537,505
ServiceNow Inc*	39,881	18,964,213
		465,348,168
Specialty Retail – 1.5%	050.000	50,000,450
Home Depot Inc	256,609	70,380,150
TJX Cos Inc	701,506	39,179,110
		109,559,260
Technology Hardware, Storage & Peripherals – 3.1%	1 005 000	001 740 007
Apple Inc	1,695,068	231,749,697
Textiles, Apparel & Luxury Goods – 0.6% NIKE Inc - Class B	431.643	44,113,915
Total Common Stocks (cost \$2,569,361,442)	431,043	4,090,266,514
		4,000,200,014
Investment Companies- 7.3% Money Markets - 7.3%		
Janus Henderson Cash Liquidity Fund LLC, 1.3877% ^{∞,£} (cost \$538,274,410)	538,234,543	538,288,367
Total Investments (total cost \$6,434,601,580) – 104.3%	555,254,545	7,729,838,322
Liabilities, net of Cash, Receivables and Other Assets – (4.3)%		(315,400,085)
Net Assets – 100%		\$7,414,438,237
NEL 422E12 - 100%0		φ1,414,430,231

Summary of Investments by Country - (Long Positions) (unaudited)

		% of
		Investment
Country	Value	Securities
United States	\$7,649,378,273	99.0 %
Australia	26,904,120	0.3
Canada	18,568,803	0.2
Ireland	8,178,018	0.1
United Kingdom	7,510,269	0.1
South Korea	7,427,759	0.1
France	6,097,160	0.1
Taiwan	4,785,705	0.1
Israel	988,215	0.0
Total	\$7,729,838,322	100.0%

Schedule of Investments (unaudited) June 30, 2022

Schedules of Affiliated Investments – (% of Net Assets)

	Dividend Income	Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/22
Investment Companies - 7.3% Money Markets - 7.3%				
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	\$ 1,047,582	\$ (989)	\$ 8,691	\$ 538,288,367

	Value at 12/31/21	Purchases	Sales Proceeds	Value at 6/30/22
Investment Companies - 7.3% Money Markets - 7.3%				
Janus Henderson Cash Liquidity Fund LLC, 1.3877% [∞]	350,908,893	1,167,736,618	(980,364,846)	538,288,367

Schedule of Futures

				Value and
	Number of	Expiration	Notional	Unrealized
Description	Contracts	Date	Amount	Appreciation/(Depreciation)
Futures Long:				
10 Year US Treasury Note	633	9/30/22	\$ 75,030,281	\$ (924,774)
5 Year US Treasury Note	1,299	10/5/22	145,812,750	1,027,158
Ultra Long Term US Treasury Bond	486	9/30/22	75,011,063	(1,017,877)
Total - Futures Long				(915,493)
Futures Short:				
2 Year US Treasury Note	537	10/5/22	(112,778,391)	(17,570)
Ultra 10-Year Treasury Note	281	9/30/22	(35,792,375)	159,369
Total - Futures Short				141,799
Total				\$ (773,694)

Schedule of Investments (unaudited) June 30, 2022

The following table, grouped by derivative type, provides information about the fair value and location of derivatives within the Statement of Assets and Liabilities as of June 30, 2022.

Fair Value of Derivative Instruments (not accounted for as hedging instruments) as of June 30, 2022

Interest Rate Contracts
\$ 1,186,527
\$ 1,960,221

*The fair value presented includes net cumulative unrealized appreciation (depreciation) on futures contracts and centrally cleared swaps. In the Statement of Assets and Liabilities, only current day's variation margin is reported in receivables or payables and the net cumulative unrealized appreciation (depreciation) is included in total distributable earnings (loss).

The following tables provides information about the effect of derivatives and hedging activities on the Portfolio's Statement of Operations for the period ended June 30, 2022.

The effect of Derivative Instruments (not accounted for as hedging instruments) on the Statement of Operations for the period ended June 30, 2022

Amount of Realized Gain/(Loss) Recognized on Derivatives

	Interest Rate
Derivative	Contracts
Futures contracts	\$(14,192,167)

Amount of Change in Unrealized Appreciation/Depreciation Recognized on Derivatives

	Interest Rate
Derivative	Contracts
Futures contracts	\$ (773,694)

Please see the "Net Realized Gain/(Loss) on Investments" and "Change in Unrealized Net Appreciation/Depreciation" sections of the Portfolio's Statement of Operations.

Average Ending Monthly Value of Derivative Instruments During the Period Ended June 30, 2022

Futures contracts:	
Average notional amount of contracts - long	\$372,945,621
Average notional amount of contracts - short	56,081,536

Janus Henderson VIT Balanced Portfolio Notes to Schedule of Investments and Other Information (unaudited)

Balanced Index	Balanced Index is an internally-calculated, hypothetical combination of total returns from the S&P $500^{\$}$ (55%) and the Bloomberg U.S. Aggregate Bond Index (45%).		
Bloomberg U.S. Aggregate Bond Index	Bloomberg U.S. Aggregate Bond Index is a broad-based measure of the investment grade, US dollar- denominated, fixed-rate taxable bond market.		
S&P 500 [®] Index	S&P 500 $^{\circledast}$ Index reflects U.S. large-cap equity performance and represents broad U.S. equity market performance.		
ICE	Intercontinental Exchange		
LIBOR	London Interbank Offered Rate		
LLC	Limited Liability Company		
LP	Limited Partnership		
PLC	Public Limited Company		
SOFR	Secured Overnight Financing Rate		
ТВА	(To Be Announced) Securities are purchased/sold on a forward commitment basis with an approximate principal amount and no defined maturity date. The actual principal and maturity date will be determined upon settlement when specific mortgage pools are assigned.		

- 144A Securities sold under Rule 144A of the Securities Act of 1933, as amended, are subject to legal and/or contractual restrictions on resale and may not be publicly sold without registration under the 1933 Act. Unless otherwise noted, these securities have been determined to be liquid under guidelines established by the Board of Trustees. The total value of 144A securities as of the period ended June 30, 2022 is \$644,869,435, which represents 8.7% of net assets.
- * Non-income producing security.
- Variable or floating rate security. Rate shown is the current rate as of June 30, 2022. Certain variable rate securities are not based on a published reference rate and spread; they are determined by the issuer or agent and current market conditions. Reference rate is as of reset date and may vary by security, which may not indicate a reference rate and/or spread in their description.
- ^{oo} Rate shown is the 7-day yield as of June 30, 2022.
- μ Perpetual security. Perpetual securities have no stated maturity date, but they may be called/redeemed by the issuer. The date indicated, if any, represents the next call date.
- C Step bond. The coupon rate will increase or decrease periodically based upon a predetermined schedule. The rate shown reflects the current rate.
- ♦ Zero coupon bond.
- S The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.

Janus Henderson VIT Balanced Portfolio Notes to Schedule of Investments and Other Information (unaudited)

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of June 30, 2022. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	Level 1 - Quoted Prices	Level 2 - Other Significant Observable Inputs	Level 3 - Significant Unobservable Inputs
Assets			
Investments In Securities:			
Asset-Backed/Commercial Mortgage-Backed Securities	\$ -	\$ 490,757,001	\$ -
Corporate Bonds	-	685,992,659	-
Mortgage-Backed Securities	-	614,059,558	-
United States Treasury Notes/Bonds	-	1,310,474,223	-
Common Stocks	4,090,266,514	-	-
Investment Companies	-	538,288,367	-
Total Investments in Securities	\$ 4,090,266,514	\$ 3,639,571,808	\$ -
Other Financial Instruments ^(a) :			
Futures Contracts	1,186,527	-	-
Total Assets	\$ 4,091,453,041	\$ 3,639,571,808	\$ -
Liabilities			
Other Financial Instruments ^(a) :			
Futures Contracts	\$ 1,960,221	\$ -	\$ -

(a) Other financial instruments include forward foreign currency exchange contracts, futures, written options, written swaptions, and swap contracts. Forward foreign currency exchange contracts, futures contracts, and swap contracts are reported at their unrealized appreciation/(depreciation) at measurement date, which represents the change in the contract's value from trade date. Written options and written swaptions are reported at their market value at measurement date.

Statement of Assets and Liabilities (unaudited) June 30, 2022

Assets:		
Unaffiliated investments, at value (cost \$5,896,327,170)	\$	7,191,549,955
Affiliated investments, at value (cost \$538,274,410)	*	538,288,367
Cash		1,961,908
Deposits with brokers for futures		7,480,000
Variation margin receivable on futures contracts		2,527,589
Trustees' deferred compensation		216,692
Receivables:		210,002
Investments sold		78,110,959
TBA investments sold		18,634,688
Interest		13,521,956
Portfolio shares sold		3,824,864
Dividends		2,393,788
Dividends Dividends from affiliates		452,593
Other assets		452,595
Total Assets		,
Liabilities:		7,858,986,710
		201 561
Variation margin payable on futures contracts		391,561
Payables:		
TBA investments purchased		357,069,848
Investments purchased		79,246,279
Advisory fees		3,389,870
Portfolio shares repurchased		2,114,210
12b-1 Distribution and shareholder servicing fees		1,457,046
Transfer agent fees and expenses		316,814
Trustees' deferred compensation fees		216,692
Trustees' fees and expenses		32,848
Professional fees		31,915
Affiliated portfolio administration fees payable		15,408
Custodian fees		14,484
Accrued expenses and other payables		251,498
Total Liabilities		444,548,473
Net Assets	\$	7,414,438,237
Net Assets Consist of:		
Capital (par value and paid-in surplus)	\$	6,198,401,231
Total distributable earnings (loss)		1,216,037,006
Total Net Assets	\$	7,414,438,237
Net Assets - Institutional Shares	\$	401,229,679
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		10,022,197
Net Asset Value Per Share	\$	40.03
Net Assets - Service Shares	\$	7,013,208,558
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		165,200,249
Net Asset Value Per Share	\$	42.45
	· · · ·	

Statement of Operations (unaudited) For the period ended June 30, 2022

Investment Income:	
Interest	\$ 33,565,649
Dividends	28,380,531
Dividends from affiliates	1,047,582
Other income	496,492
Foreign tax withheld	(14,075)
Total Investment Income	63,476,179
Expenses:	
Advisory fees	21,683,188
12b-1 Distribution and shareholder servicing fees:	
Service Shares	9,297,777
Transfer agent administrative fees and expenses:	
Institutional Shares	110,899
Service Shares	1,860,300
Other transfer agent fees and expenses:	
Institutional Shares	5,808
Service Shares	45,804
Affiliated portfolio administration fees	98,560
Trustees' fees and expenses	72,923
Professional fees	51,058
Custodian fees	26,959
Registration fees	13,540
Shareholder reports expense	5,074
Other expenses	250,547
Total Expenses	33,522,437
Net Investment Income/(Loss)	29,953,742
Net Realized Gain/(Loss) on Investments:	
Investments	(49,236,011)
Investments in affiliates	(989)
Futures contracts	(14,192,167)
Total Net Realized Gain/(Loss) on Investments	(63,429,167)
Change in Unrealized Net Appreciation/Depreciation:	
Investments and Trustees' deferred compensation	(1,499,478,267)
Investments in affiliates	8,691
Futures contracts	(773,694)
Total Change in Unrealized Net Appreciation/Depreciation	(1,500,243,270)
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ (1,533,718,695)

Statements of Changes in Net Assets

	Period ended	
	June 30, 2022	Year ended
	(unaudited)	December 31, 2021
Operations:		
Net investment income/(loss)	\$ 29,953,742	\$ 50,882,786
Net realized gain/(loss) on investments	(63,429,167)	220,673,093
Change in unrealized net appreciation/depreciation	(1,500,243,270)	930,398,365
Net Increase/(Decrease) in Net Assets Resulting from Operations	(1,533,718,695)	1,201,954,244
Dividends and Distributions to Shareholders:		
Institutional Shares	(15,047,104)	(8,179,514)
Service Shares	(239,656,589)	(101,407,088)
Net Decrease from Dividends and Distributions to Shareholders	(254,703,693)	(109,586,602)
Capital Share Transactions:		
Institutional Shares	(10,425,394)	(20,391,789)
Service Shares	427,772,676	1,032,205,990
Net Increase/(Decrease) from Capital Share Transactions	417,347,282	1,011,814,201
Net Increase/(Decrease) in Net Assets	(1,371,075,106)	2,104,181,843
Net Assets:		
Beginning of period	8,785,513,343	6,681,331,500
End of period	\$ 7,414,438,237	\$ 8,785,513,343

Janus Henderson VIT Balanced Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$50.23	\$43.58	\$39.48	\$33.75	\$35.27	\$30.32
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.22	0.42	0.61	0.74	0.66	0.64
Net realized and unrealized gain/(loss)	(8.86)	7.03	4.86	6.74	(0.42)	4.92
Total from Investment Operations	(8.64)	7.45	5.47	7.48	0.24	5.56
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.23)	(0.43)	(0.73)	(0.72)	(0.77)	(0.54)
Distributions (from capital gains)	(1.33)	(0.37)	(0.64)	(1.03)	(0.99)	(0.07)
Total Dividends and Distributions	(1.56)	(0.80)	(1.37)	(1.75)	(1.76)	(0.61)
Net Asset Value, End of Period	\$40.03	\$50.23	\$43.58	\$39.48	\$33.75	\$35.27
Total Return*	(17.18)%	17.22%	14.31%	22.59%	0.68%	18.43%
Net Assets, End of Period (in thousands)	\$401,230	\$512,742	\$464,280	\$446,026	\$402,796	\$429,403
Average Net Assets for the Period (in thousands)	\$452,940	\$484,461	\$430,893	\$426,775	\$429,843	\$417,575
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.61%	0.62%	0.62%	0.62%	0.63%	0.63%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.61%	0.62%	0.62%	0.62%	0.63%	0.63%
Ratio of Net Investment Income/(Loss)	0.98%	0.91%	1.54%	1.99%	1.85%	1.94%
Portfolio Turnover Rate ⁽²⁾	40%	56%	80%	79%	97%	67%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

(2) Portfolio Turnover Rate excludes TBA (to be announced) purchase and sales commitments.

Janus Henderson VIT Balanced Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$53.15	\$46.11	\$41.70	\$35.59	\$37.09	\$31.89
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.18	0.32	0.54	0.68	0.60	0.58
Net realized and unrealized gain/(loss)	(9.37)	7.42	5.15	7.11	(0.44)	5.17
Total from Investment Operations	(9.19)	7.74	5.69	7.79	0.16	5.75
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.18)	(0.33)	(0.64)	(0.65)	(0.67)	(0.48)
Distributions (from capital gains)	(1.33)	(0.37)	(0.64)	(1.03)	(0.99)	(0.07)
Total Dividends and Distributions	(1.51)	(0.70)	(1.28)	(1.68)	(1.66)	(0.55)
Net Asset Value, End of Period	\$42.45	\$53.15	\$46.11	\$41.70	\$35.59	\$37.09
Total Return*	(17.27)%	16.91%	14.05%	22.27%	0.43%	18.13%
Net Assets, End of Period (in thousands)	\$7,013,209	\$8,272,771	\$6,217,051	\$4,845,966	\$3,445,696	\$2,887,613
Average Net Assets for the Period (in thousands)	\$7,594,075	\$7,144,785	\$5,239,258	\$4,109,486	\$3,235,435	\$2,523,514
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.85%	0.86%	0.87%	0.87%	0.88%	0.88%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.85%	0.86%	0.87%	0.87%	0.88%	0.88%
Ratio of Net Investment Income/(Loss)	0.74%	0.65%	1.28%	1.74%	1.62%	1.69%
Portfolio Turnover Rate ⁽²⁾	40%	56%	80%	79%	97%	67%
Portfolio Turnover Rate ⁽²⁾	40%	56%	80%	79%	97%	67%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

(2) Portfolio Turnover Rate excludes TBA (to be announced) purchase and sales commitments.

Notes to Financial Statements (unaudited)

1. Organization and Significant Accounting Policies

Janus Henderson VIT Balanced Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term capital growth, consistent with preservation of capital and balanced by current income. The Portfolio is classified as diversified, as defined in the 1940 Act. Janus Henderson Investors US LLC is the investment adviser (the "Adviser") to the Portfolio.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are generally valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-thecounter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market guotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

Janus Henderson VIT Balanced Portfolio Notes to Financial Statements (unaudited)

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of June 30, 2022 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Non-cash dividends, if any, are recorded on the ex-dividend date at fair value. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes. Income, as well as gains and losses, both realized and unrealized, are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Notes to Financial Statements (unaudited)

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Derivative Instruments

The Portfolio may invest in various types of derivatives, which may at times result in significant derivative exposure. A derivative is a financial instrument whose performance is derived from the performance of another asset. The Portfolio may invest in derivative instruments including, but not limited to: futures contracts, put options, call options, options on futures contracts, options on foreign currencies, options on recovery locks, options on security and commodity indices, swaps, forward contracts, structured investments, and other equity-linked derivatives. Each derivative instrument that was held by the Portfolio during the period ended June 30, 2022 is discussed in further detail below. A summary of derivative activity by the Portfolio is reflected in the tables at the end of this section.

The Portfolio may use derivative instruments for hedging purposes (to offset risks associated with an investment, currency exposure, or market conditions), to adjust currency exposure relative to a benchmark index, or for speculative purposes (to earn income and seek to enhance returns). When the Portfolio invests in a derivative for speculative purposes, the Portfolio will be fully exposed to the risks of loss of that derivative, which may sometimes be greater than the derivative's cost. The Portfolio may not use any derivative to gain exposure to an asset or class of assets that it would be prohibited by its investment restrictions from purchasing directly. The Portfolio's ability to use derivative instruments may also be limited by tax considerations.

Investments in derivatives in general are subject to market risks that may cause their prices to fluctuate over time. Investments in derivatives may not directly correlate with the price movements of the underlying instrument. As a result, the use of derivatives may expose the Portfolio to additional risks that it would not be subject to if it invested directly in the securities underlying those derivatives. The use of derivatives may result in larger losses or smaller gains than otherwise would be the case. Derivatives can be volatile and may involve significant risks.

In pursuit of its investment objective, the Portfolio may seek to use derivatives to increase or decrease exposure to the following market risk factors:

- **Commodity Risk** the risk related to the change in value of commodities or commodity-linked investments due to changes in the overall market movements, volatility of the underlying benchmark, changes in interest rates, or other factors affecting a particular industry or commodity such as drought, floods, weather, livestock disease, embargoes, tariffs, and international economic, political, and regulatory developments.
- **Counterparty Risk** the risk that the counterparty (the party on the other side of the transaction) on a derivative transaction will be unable to honor its financial obligation to the Portfolio.

Notes to Financial Statements (unaudited)

- Credit Risk the risk an issuer will be unable to make principal and interest payments when due, or will default on its obligations.
- **Currency Risk** the risk that changes in the exchange rate between currencies will adversely affect the value (in U.S. dollar terms) of an investment.
- Equity Risk the risk related to the change in value of equity securities as they relate to increases or decreases in the general market.
- Index Risk if the derivative is linked to the performance of an index, it will be subject to the risks associated with changes in that index. If the index changes, the Portfolio could receive lower interest payments or experience a reduction in the value of the derivative to below what the Portfolio paid. Certain indexed securities, including inverse securities (which move in an opposite direction to the index), may create leverage, to the extent that they increase or decrease in value at a rate that is a multiple of the changes in the applicable index.
- Interest Rate Risk the risk that the value of fixed-income securities will generally decline as prevailing interest rates rise, which may cause the Portfolio's NAV to likewise decrease.
- Leverage Risk the risk associated with certain types of leveraged investments or trading strategies pursuant to which relatively small market movements may result in large changes in the value of an investment. The Portfolio creates leverage by investing in instruments, including derivatives, where the investment loss can exceed the original amount invested. Certain investments or trading strategies, such as short sales, that involve leverage can result in losses that greatly exceed the amount originally invested.
- Liquidity Risk the risk that certain securities may be difficult or impossible to sell at the time that the seller would like or at the price that the seller believes the security is currently worth.

Derivatives may generally be traded OTC or on an exchange. Derivatives traded OTC are agreements that are individually negotiated between parties and can be tailored to meet a purchaser's needs. OTC derivatives are not guaranteed by a clearing agency and may be subject to increased credit risk.

In an effort to mitigate credit risk associated with derivatives traded OTC, the Portfolio may enter into collateral agreements with certain counterparties whereby, subject to certain minimum exposure requirements, the Portfolio may require the counterparty to post collateral if the Portfolio has a net aggregate unrealized gain on all OTC derivative contracts with a particular counterparty. Additionally, the Portfolio may deposit cash and/or treasuries as collateral with the counterparty and/or custodian daily (based on the daily valuation of the financial asset) if the Portfolio has a net aggregate unrealized loss on OTC derivative contracts with a particular counterparty. All liquid securities and restricted cash are considered to cover in an amount at all times equal to or greater than the Portfolio's commitment with respect to certain exchange-traded derivatives, centrally cleared derivatives, forward foreign currency exchange contracts, short sales, and/or securities with extended settlement dates. There is no guarantee that counterparty exposure is reduced and these arrangements are dependent on the Adviser's ability to establish and maintain appropriate systems and trading.

Futures Contracts

A futures contract is an exchange-traded agreement to take or make delivery of an underlying asset at a specific time in the future for a specific predetermined negotiated price. The Portfolio may enter into futures contracts to gain exposure to the stock market or other markets pending investment of cash balances or to meet liquidity needs. The Portfolio is subject to interest rate risk, equity risk, and currency risk in the normal course of pursuing its investment objective through its investments in futures contracts. The Portfolio may also use such derivative instruments to hedge or protect from adverse movements in securities prices, currency rates or interest rates. The use of futures contracts may involve risks such as the possibility of illiquid markets or imperfect correlation between the values of the contracts and the underlying securities, or that the counterparty will fail to perform its obligations.

Futures contracts are valued at the settlement price on valuation date on the exchange as reported by an approved vendor. Mini contracts, as defined in the description of the contract, shall be valued using the Actual Settlement Price or "ASET" price type as reported by an approved vendor. In the event that foreign futures trade when the foreign equity markets are closed, the last foreign futures trade price shall be used.

Futures contracts are marked-to-market daily, and the daily variation margin is recorded as a receivable or payable on the Statement of Assets and Liabilities (if applicable). The change in unrealized net appreciation/depreciation is

Janus Henderson VIT Balanced Portfolio

Notes to Financial Statements (unaudited)

reported on the Statement of Operations (if applicable). When a contract is closed, a realized gain or loss is reported on the Statement of Operations (if applicable), equal to the difference between the opening and closing value of the contract.

Securities held by the Portfolio that are designated as collateral for market value on futures contracts are noted on the Schedule of Investments (if applicable). Such collateral is in the possession of the Portfolio's futures commission merchant.

With futures, there is minimal counterparty credit risk to the Portfolio since futures are exchange-traded and the exchange's clearinghouse, as counterparty to all exchange-traded futures, guarantees the futures against default.

During the period, the Portfolio purchased interest rate futures to increase exposure to interest rate risk.

During the period, the Portfolio sold interest rate futures to decrease exposure to interest rate risk.

3. Other Investments and Strategies

Additional Investment Risk

The Portfolio may be invested in lower-rated debt securities that have a higher risk of default or loss of value since these securities may be sensitive to economic changes, political changes, or adverse developments specific to the issuer.

In response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, including those which may be attributable to global climate change, such as earthquakes, fires, floods, hurricanes, tsunamis and weather-related phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Portfolio's investments. Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United States. These disruptions could prevent a Portfolio from executing advantageous investment decisions in a timely manner and negatively impact a Portfolio's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Portfolio. In addition, these disruptions could also impair the information technology and other operational systems upon which the Portfolio's service providers, including the Adviser or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Portfolio's service providers to perform essential tasks on behalf of the Portfolio. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. Among other things, these developments have adversely affected the value and exchange rate of the euro and pound sterling, and may continue to significantly affect the economies of all

Janus Henderson VIT Balanced Portfolio

Notes to Financial Statements (unaudited)

EU countries, which in turn may have a material adverse effect on the Portfolio's investments in such countries, other countries that depend on EU countries for significant amounts of trade or investment, or issuers with exposure to debt issued by certain EU countries.

Mortgage- and Asset-Backed Securities

Mortgage- and asset-backed securities represent interests in "pools" of commercial or residential mortgages or other assets, including consumer and commercial loans or receivables. The Portfolio may purchase fixed or variable rate commercial or residential mortgage-backed securities issued by the Government National Mortgage Association ("Ginnie Mae"), the Federal National Mortgage Association ("Fannie Mae"), the Federal Home Loan Mortgage Corporation ("Freddie Mac"), or other governmental or government-related entities. Ginnie Mae's guarantees are backed as to the timely payment of principal and interest by the full faith and credit of the U.S. Government. Fannie Mae and Freddie Mac securities are not backed by the full faith and credit of the U.S. Government. In September 2008, the Federal Housing Finance Agency ("FHFA"), an agency of the U.S. Government, placed Fannie Mae and Freddie Mac under conservatorship. Since that time, Fannie Mae and Freddie Mac have received capital support through U.S. Treasury preferred stock purchases and Treasury and Federal Reserve purchases of their mortgage-backed securities. The FHFA and the U.S. Treasury have imposed strict limits on the size of these entities' mortgage portfolios. The FHFA has the power to cancel any contract entered into by Fannie Mae and Freddie Mac prior to FHFA's appointment as conservator or receiver, including the guarantee obligations of Fannie Mae and Freddie Mac.

The Portfolio may also purchase other mortgage- and asset-backed securities through single- and multi-seller conduits, collateralized debt obligations, structured investment vehicles, and other similar securities. Asset-backed securities may be backed by various consumer obligations, including automobile loans, equipment leases, credit card receivables, or other collateral. In the event the underlying loans are not paid, the securities' issuer could be forced to sell the assets and recognize losses on such assets, which could impact your return. Unlike traditional debt instruments, payments on these securities include both interest and a partial payment of principal. Mortgage- and asset-backed securities are subject to both extension risk, where borrowers pay off their debt obligations more slowly in times of rising interest rates, and prepayment risk, where borrowers pay off their debt obligations sooner than expected in times of declining interest rates. These risks may reduce the Portfolio's returns. In addition, investments in mortgage- and asset-backed securities, including those comprised of subprime mortgages, may be subject to a higher degree of credit risk, valuation risk, extension risk (if interest rates rise), and liquidity risk than various other types of fixed-income securities. Additionally, although mortgage-backed securities are generally supported by some form of government or private guarantee and/or insurance, there is no assurance that guarantors or insurers will meet their obligations.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Sovereign Debt

The Portfolio may invest in U.S. and non-U.S. government debt securities ("sovereign debt"). Some investments in sovereign debt, such as U.S. sovereign debt, are considered low risk. However, investments in sovereign debt, especially the debt of less developed countries, can involve a high degree of risk, including the risk that the governmental entity that controls the repayment of sovereign debt may not be willing or able to repay the principal and/or to pay the interest on its sovereign debt in a timely manner. A sovereign debtor's willingness or ability to satisfy its debt obligation may be affected by various factors including, but not limited to, its cash flow situation, the extent of its foreign currency reserves, the availability of foreign exchange when a payment is due, the relative size of its debt position in relation to its economy as a whole, the sovereign debtor's policy toward international lenders, and local political constraints to which the governmental entity may be subject. Sovereign debtors may also be dependent on expected disbursements from foreign governments, multilateral agencies, and other entities. The failure of a sovereign debtor to implement economic reforms, achieve specified levels of economic performance, or repay principal or interest when due may result in the cancellation of third party commitments to lend funds to the sovereign debtor, which may further impair such debtor's ability or willingness to timely service its debts. The Portfolio may be requested to participate in the rescheduling of such sovereign debt and to extend further loans to governmental entities, which may adversely affect the Portfolio's holdings.

Janus Henderson VIT Balanced Portfolio Notes to Financial Statements (unaudited)

In the event of default, there may be limited or no legal remedies for collecting sovereign debt and there may be no bankruptcy proceedings through which the Portfolio may collect all or part of the sovereign debt that a governmental entity has not repaid. In addition, to the extent the Portfolio invests in non-U.S. sovereign debt, it may be subject to currency risk.

TBA Commitments

The Portfolio may enter into "to be announced" or "TBA" commitments. TBAs are forward agreements for the purchase or sale of securities, including mortgage-backed securities, for a fixed price, with payment and delivery on an agreed upon future settlement date. The specific securities to be delivered are not identified at the trade date. However, delivered securities must meet specified terms, including issuer, rate, and mortgage terms. Although the particular TBA securities must meet industry-accepted "good delivery" standards, there can be no assurance that a security purchased on forward commitment basis will ultimately be issued or delivered by the counterparty. During the settlement period, the Portfolio will still bear the risk of any decline in the value of the security to be delivered. Because TBA commitments do not require the delivery of a specific security, the characteristics of the security delivered to the Portfolio may be less favorable than expected. If the counterparty to a transaction fails to deliver the security, the Portfolio could suffer a loss. To facilitate TBA commitments, the Portfolio will segregate or otherwise earmark liquid assets marked to market daily in an amount at least equal to such TBA commitments. Proposed rules of the Financial Industry Regulatory Authority ("FINRA") include mandatory margin requirements for TBA commitments which, in some circumstances, will require the Portfolio to also post collateral. These collateral requirements may increase costs associated with the Portfolio's participation in the TBA market.

When-Issued, Delayed Delivery and Forward Commitment Transactions

The Portfolio may purchase or sell securities on a when-issued, delayed delivery, or forward commitment basis. When purchasing a security on a when-issued, delayed delivery, or forward commitment basis, the Portfolio assumes the rights and risks of ownership of the security, including the risk of price and yield fluctuations, and takes such fluctuations into account when determining its net asset value. Typically, no income accrues on securities the Portfolio has committed to purchase prior to the time delivery of the securities is made. Because the Portfolio is not required to pay for the security until the delivery date, these risks are in addition to the risks associated with the Portfolio's other investments. If the other party to a transaction fails to deliver the securities, the Portfolio could miss a favorable price or yield opportunity. If the Portfolio remains substantially fully invested at a time when when-issued, delayed delivery, or forward commitment purchases are outstanding, the purchases may result in a form of leverage. If the Portfolio remains substantially fully invested at a time of leverage. If the purchases (including TBA commitments) are outstanding, the purchases may result in a form of leverage.

When the Portfolio has sold a security on a when-issued, delayed delivery, or forward commitment basis, the Portfolio does not participate in future gains or losses with respect to the security. If the other party to a transaction fails to pay for the securities, the Portfolio could suffer a loss. Additionally, when selling a security on a when-issued, delayed delivery, or forward commitment basis without owning the security, the Portfolio will incur a loss if the security's price appreciates in value such that the security's price is above the agreed upon price on the settlement date. The Portfolio may dispose of or renegotiate a transaction after it is entered into, and may purchase or sell when-issued, delayed delivery or forward commitment securities before the settlement date, which may result in a gain or loss.

4. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays the Adviser an investment advisory fee which is calculated daily and paid monthly. The Portfolio's contractual investment advisory fee rate (expressed as an annual rate) is 0.55% of its average daily net assets.

The Adviser serves as administrator to the Portfolio pursuant to an administration agreement between the Adviser and the Trust. Under the administration agreement, the Adviser is authorized to perform, or cause others to perform certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent the Adviser seeks reimbursement and such costs are not otherwise waived). In addition, employees of the Adviser and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of the Adviser employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by the Adviser, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services the Adviser (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as "Affiliated portfolio administration fees" on the Statement of Operations. In addition, some expenses related to compensation payable to the

Janus Henderson VIT Balanced Portfolio Notes to Financial Statements (unaudited)

Portfolio's Chief Compliance Officer and certain compliance staff, all of whom are employees of the Adviser and/or its affiliates, are shared with the Portfolio. Total compensation of \$26,340 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2022. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

Janus Henderson Services US LLC (the "Transfer Agent"), a wholly-owned subsidiary of the Adviser, is the Portfolio's transfer agent. The Transfer Agent receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including, but not limited to, recordkeeping, subaccounting, answering inquiries regarding accounts, order processing, transaction confirmations, the mailing of prospectuses and shareholder reports, and other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. The Transfer Agent expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio.

The Transfer Agent is not compensated for internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as "Other transfer agent fees and expenses" on the Statement of Operations.

Under a distribution and shareholder servicing plan (the "Plan") adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust's distributor, Janus Henderson Distributors US LLC (the "Distributor"), a wholly-owned subsidiary of the Adviser, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to the Distributor for remittance to insurance companies and qualified plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as "12b-1 Distribution and shareholder servicing fees" on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the "Deferred Plan") for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2022 on the Statement of Assets and Liabilities in the asset, "Trustees' deferred compensation estimation," and liability, "Trustees' deferred compensation fees." Additionally, the recorded unrealized appreciation/(depreciation) is included in "Total distributable earnings (loss)" on the Statement of Assets and Liabilities. Deferred compensation expenses for the period ended June 30, 2022 are included in "Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$226,926 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2022.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or nonaffiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). The Adviser has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Janus Henderson VIT Balanced Portfolio Notes to Financial Statements (unaudited)

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the period ended June 30, 2022 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

The Portfolio is permitted to purchase or sell securities ("cross-trade") between itself and other funds or accounts managed by the Adviser in accordance with Rule 17a-7 under the Investment Company Act of 1940 ("Rule 17a-7"), when the transaction is consistent with the investment objectives and policies of the Portfolio and in accordance with the Internal Cross Trade Procedures adopted by the Trust's Board of Trustees. These procedures have been designed to ensure that any cross-trade of securities by the Portfolio from or to another fund or account that is or could be considered an affiliate of the Portfolio under certain limited circumstances by virtue of having a common investment adviser, common Officer, or common Trustee complies with Rule 17a-7. Under these procedures, each cross-trade is effected at the current market price to save costs where allowed. During the period ended June 30, 2022, the Portfolio engaged in cross trades amounting to \$434,516 in purchases and \$24,963,407 in sales, resulting in a net realized loss of \$197,092. The net realized loss is included within the "Net Realized Gain/(Loss) on Investments" section of the Portfolio's Statement of Operations.

5. Federal Income Tax

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, net investment losses, and capital loss carryovers.

The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of June 30, 2022 are noted below. The primary differences between book and tax appreciation or depreciation of investments are wash sale loss deferrals and investments in partnerships.

	Unrealized	Unrealized	Net	Tax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 6,462,666,991	\$1,642,690,686	\$(375,519,355)	\$	1,267,171,331

Information on the tax components of derivatives as of June 30, 2022 is as follows:

	Unrealized	Unrealized	Net Ta	x Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ -	\$ 1,186,527	\$ (1,960,221)	\$	(773,694)

Tax cost of investments and unrealized appreciation/(depreciation) may also include timing differences that do not constitute adjustments to tax basis.

Janus Henderson VIT Balanced Portfolio

Notes to Financial Statements (unaudited)

6. Capital Share Transactions

	Period e	nded June 30, 2022	Year ended December 31, 2021	
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	341,966	\$ 15,447,581	790,610	\$ 37,146,075
Reinvested dividends and distributions	379,020	15,047,104	174,782	8,179,514
Shares repurchased	(906,701)	(40,920,079)	(1,409,934)	(65,717,378)
Net Increase/(Decrease)	(185,715)	\$ (10,425,394)	(444,542)	\$ (20,391,789)
Service Shares:				
Shares sold	8,210,614	\$394,989,057	24,312,111	\$1,203,520,484
Reinvested dividends and distributions	5,692,556	239,656,589	2,050,503	101,407,088
Shares repurchased	(4,343,778)	(206,872,970)	(5,557,696)	(272,721,582)
Net Increase/(Decrease)	9,559,392	\$427,772,676	20,804,918	\$1,032,205,990

7. Purchases and Sales of Investment Securities

For the period ended June 30, 2022, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

		ŀ	Purchases of Long-	1	Proceeds from Sales
Purchases of	Proceeds from Sales	Terr	n U.S. Government		of Long-Term U.S.
Securities	of Securities		Obligations	Gov	rernment Obligations
\$1,355,006,506	\$1,722,984,373	\$	1,687,707,086	\$	1,346,189,858

8. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2022 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Janus Henderson VIT Balanced Portfolio

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at http://www.sec.gov. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at http://www.sec.gov.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at http://www.sec.gov; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each fund of Janus Investment Fund (each, a "Fund," and collectively, the "Funds" and together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each Janus Henderson Fund that utilizes a subadviser.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received and reviewed information provided by Janus Henderson Investors US LLC (the "Adviser") and the subadviser in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At meetings held on November 3-4, 2021 and December 7-8, 2021, the Trustees' evaluated the information provided by the Adviser, the subadviser, and the independent fee consultant, as well as other information addressed during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by the Adviser, its affiliates and the subadviser, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment and unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2022 through February 1, 2023, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by the Adviser and the subadviser to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a quarterly

basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of the Adviser and the subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by the Adviser or the subadviser, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered the Adviser's role as administrator to the Janus Henderson Funds, noting that the Adviser generally does not receive a fee for its services as administrator, but is reimbursed for its out-of-pocket costs. The Trustees considered the role of the Adviser in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that the Adviser provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, the Adviser is a capable provider of those services. The independent fee consultant also provided its belief that the Adviser has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by the Adviser and the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that the Adviser and the subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and each had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2021, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2021, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.

- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser and subadviser had taken or were taking to improve performance.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by the Adviser out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by the Adviser to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by the Adviser. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 8% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 6% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic "focus list" analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the

independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by the Adviser and subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by the Adviser and subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser or subadviser (for which the Adviser or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that the Adviser noted that, under the terms of the management agreements with the Janus Henderson Funds, the Adviser performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, the Adviser assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, the Trustees noted that the independent fee consultant found that: (1) the management fees the Adviser charges to the Janus Henderson Funds are reasonable in relation to the management fees the Adviser charges to funds subadvised by the Adviser and to the fees the Adviser charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; and (4) as part of its 2020 review, 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2020, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses"):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.

• For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to the Adviser and its affiliates from their relationships with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to the Adviser from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether the Adviser and subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by the Adviser to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by the Adviser were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that the Adviser's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Fund's investment fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser and its affiliates, as well as the fees paid by the Adviser to the subadviser of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees the Adviser and the subadviser charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by the Adviser and subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by the Adviser.

Economies of Scale

The Trustees considered information about the potential for the Adviser to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 75% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. The Trustees also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of the Adviser, the Adviser is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (3) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by the Adviser and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at the Adviser, the Adviser's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, the Adviser appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Funds in light of any economies of scale that may be present at the Adviser.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between the Adviser and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to the Adviser

The Trustees also considered benefits that accrue to the Adviser and its affiliates and subadviser to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of the Adviser separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of the Adviser and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered the Adviser's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of the Adviser and/or the Adviser, and/or subadviser to a Janus Henderson Fund. The Trustees concluded that the Adviser's and the subadviser's use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by the Adviser and its affiliates and subadviser pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser and the subadviser may potentially benefit from their relationship with each other in other ways. They concluded that the Adviser and its affiliates share directly in economies of scale through the lower charges of thirdparty service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by the Adviser and its affiliates. They also concluded that the Adviser and the subadviser benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from the Adviser's and/or the subadviser's receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser and/or other clients of the subadviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser, the subadviser or other Janus Henderson funds, and that the success of the Adviser and the subadviser could enhance the Adviser's and the subadviser's ability to serve the Janus Henderson Funds.

Janus Henderson VIT Balanced Portfolio

Liquidity Risk Management Program (unaudited)

Liquidity Risk Management Program

Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), requires open-end funds (but not money market funds) to adopt and implement a written liquidity risk management program (the "LRMP") that is reasonably designed to assess and manage liquidity risk, which is the risk that a fund could not meet redemption requests without significant dilution of remaining investors' interest in the fund. The Fund has implemented a LRMP, which incorporates the following elements: (i) assessment, management, and periodic review of liquidity risk; (ii) classification of portfolio holdings; (iii) the establishment and monitoring of a highly liquid investment minimum, as applicable; (iv) a 15% limitation on a Portfolio's illiquid investments; (v) redemptions in-kind; and (vi) board oversight.

The Trustees of the Portfolio (the "Trustees") have designated Janus Henderson Investors US LLC, the Portfolio's investment adviser (the "Adviser"), as the Program Administrator for the LRMP responsible for administering the LRMP and carrying out the specific responsibilities of the LRMP. A working group comprised of various teams within the Adviser's business is responsible for administering the LRMP and carrying out the specific responsibilities of different aspects of the LRMP (the "Liquidity Risk Working Group"). In assessing each Fund's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Fund's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Fund's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Fund's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Fund's use of borrowing for investment purposes; and (v) a Fund's use of derivatives.

The Liquidity Rule requires the Trustees to review at least annually a written report provided by the Program Administrator that addresses the operation of the LRMP and assesses its adequacy and the effectiveness of its implementation, including, if applicable, the operation of the highly liquid investment minimum, and any material changes to the LRMP (the "Program Administrator Report"). At a meeting held on March 16, 2022, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2021 through December 31, 2021 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. It noted that the Portfolio was able to meet redemptions during the normal course of business during the Reporting Period. The Program Administrator Report also stated that the Portfolio did not exceed the 15% limit on illiquid assets during the Reporting Period, that the Portfolio held primarily highly liquid assets, and was considered to be a primarily highly liquid fund during the Reporting Period. In addition, the Adviser expressed its belief in the Program Administrator Report that the LRMP is reasonably designed and adequate to assess and manage the Portfolio's liquidity risk, considering the Portfolio's particular risks and circumstances, and includes policies and procedures reasonably designed to implement each required component of the Liquidity Rule.

There can be no assurance that the LRMP will achieve its objectives in the future. Please refer to your Portfolio's prospectus for more information regarding the risks to which an investment in the Portfolio may be subject.

Janus Henderson VIT Balanced Portfolio Useful Information About Your Portfolio Report (unaudited)

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of the Adviser and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Bloomberg and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

Janus Henderson VIT Balanced Portfolio Useful Information About Your Portfolio Report (unaudited)

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

Janus Henderson VIT Balanced Portfolio Useful Information About Your Portfolio Report (unaudited)

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio is traded once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson VIT Balanced Portfolio Notes

Janus Henderson

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

Janus Henderson is a trademark of Janus Henderson Group plc or one of its subsidiaries. © Janus Henderson Group plc

Janus Henderson Distributors US LLC

SEMIANNUAL REPORT June 30, 2022

Janus Henderson VIT Enterprise Portfolio

Janus Aspen Series

HIGHLIGHTS

- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings



Table of Contents

Janus Henderson VIT Enterprise Portfolio

Portfolio At A Glance and Schedule of Investments	1
Notes to Schedule of Investments and Other Information	13
Statement of Assets and Liabilities	14
Statement of Operations	15
Statements of Changes in Net Assets	16
Financial Highlights	17
Notes to Financial Statements	19
Additional Information	29
Liquidity Risk Management Program	35
Useful Information About Your Fund Report	36

PORTFOLIO SNAPSHOT

By taking a moderate approach to an asset class with potential for rapid growth, this mid-cap growth fund has demonstrated lower volatility than the index. Unlike other competitor products that focus on short-term growth rates, this strategy seeks to invest in companies that exhibit sustainable and durable growth.



co-portfolio manager

Brian Demain co-portfolio manager

Janus Henderson VIT Enterprise Portfolio (unaudited) Portfolio At A Glance June 30, 2022

5 Top Contributors - Holdings

5 Top Detractors - Holdings

	Average	Relative		Average	Relative
	Weight	Contribution		Weight	Contribution
LPL Financial Holdings Inc	3.83%	1.26%	Ceridian HCM Holding Inc	1.18%	-0.40%
WR Berkley Corp	2.48%	1.07%	Wayfair Inc - Class A	0.53%	-0.30%
Intact Financial Corp	2.58%	0.85%	Redfin Corp	0.25%	-0.22%
Amdocs Ltd	2.17%	0.77%	Illumina Inc	0.66%	-0.19%
L3Harris Technologies Inc	1.77%	0.63%	Boston Scientific Corp	2.60%	0.43%

5 Top Contributors - Sectors*

	Relative Contribution	Portfolio Average Weight	Russell Midcap Growth Index Average Weight
Financials	3.59%	12,94%	5.42%
Information Technology	3.34%	36.18%	33.90%
Health Care	1.13%	17.16%	16.88%
Other**	1.09%	3.77%	0.00%
Communication Services	1.05%	2.06%	3.21%

5 Top Detractors - Sectors*

			Russell Midcap
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Energy	-0.55%	1.82%	2.66%
Consumer Staples	-0.47%	0.00%	2.16%
Real Estate	-0.12%	1.58%	2.47%
Materials	-0.01%	0.98%	2.17%
Utilities	0.40%	1.66%	0.17%

Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

* Based on sector classification according to the Global Industry Classification Standard ("GICS") codes, which are the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

** Not a GICS classified sector.

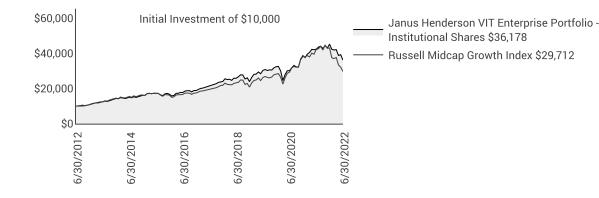
Janus Henderson VIT Enterprise Portfolio (unaudited) Portfolio At A Glance June 30, 2022

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)				
LPL Financial Holdings Inc		Common Stocks	96.2%			
Capital Markets	4.2%	Investment Companies	3.8%			
ON Semiconductor Corp		Investments Purchased with Cash				
Semiconductor & Semiconductor Equipment	2.9%	Collateral from Securities Lending	0.4%			
Intact Financial Corp		Other	(0.4)%			
Insurance	2.9%		100.0%			
Constellation Software Inc/Canada						
Software	2.9%					
SS&C Technologies Holdings Inc						
Software	2.9%					
	15.8%					

Top Country Allocations - Long Positions - (% of Investment Securities) As of June 30, 2022

As of June 30, 2022	As of December 31, 2021						
United States		87.4%	United States	85.9%			
Canada	8.4%		Canada	7.4%			
Israel	1.3%		Israel	2.7%			
United Kingdom	1.1%		Ireland	2.0%			
Ireland	0.8%		United Kingdom	1.0%			
0	0% 20% 40% 60% 809	% 100%	00	% 20% 40% 60% 80% 100%			

Janus Henderson VIT Enterprise Portfolio (unaudited) Performance



Average Annual Total Return - f	Prospectus Expense Ratios					
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	-20.02%	-14.65%	10.92%	13.72%	10.83%	0.71%
Service Shares	-20.12%	-14.85%	10.65%	13.44%	10.55%	0.96%
Russell Midcap Growth Index	-31.00%	-29.57%	8.88%	11.50%	9.41%	
Morningstar Quartile - Institutional						
Shares	-	1st	1st	1st	1st	
Morningstar Ranking - based on total						
returns for Mid-Cap Growth Funds	-	41/597	73/531	21/490	17/149	

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), Environmental, Social and Governance (ESG) factors, non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares, adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

© 2022 Morningstar, Inc. All Rights Reserved.

There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

Janus Henderson VIT Enterprise Portfolio (unaudited) Performance

See "Useful Information About Your Portfolio Report."

*The Portfolio's inception date - September 13, 1993

‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

Janus Henderson VIT Enterprise Portfolio (unaudited) Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the sixmonths indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

		Actu	al	(5%	_		
	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Net Annualized Expense Ratio (1/1/22 - 6/30/22)
Institutional							
Shares	\$1,000.00	\$799.80	\$3.17	\$1,000.00	\$1,021.27	\$3.56	0.71%
Service Shares	\$1,000.00	\$798.80	\$4.24	\$1,000.00	\$1,020.08	\$4.76	0.95%

* Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited) June 30, 2022

	Shares	Value
	Shares	Value
Common Stocks– 96.2% Aerospace & Defense – 3.5%		
L3Harris Technologies Inc	103,768	\$25,080,726
Teledyne Technologies Inc*	59,313	22,248,899
	00,010	47,329,625
Airlines – 0.8%		,,
Ryanair Holdings PLC (ADR)*	153,714	10,337,267
Auto Components – 0.4%		
Visteon Corp*	59,245	6,136,597
Banks – 0.5%		
SVB Financial Group*	16,194	6,396,468
Biotechnology – 2.8%	000 105	0.050.000
Abcam PLC (ADR)*,#	232,105	3,356,238
Ascendis Pharma A/S (ADR)*	80,014 139,878	7,438,101
BioMarin Pharmaceutical Inc* Neurocrine Biosciences Inc*	90,809	11,591,690 8,852,061
Sarepta Therapeutics Inc*	85,294	6,393,638
	00,204	37,631,728
Capital Markets – 6.0%		01,001,120
Cboe Global Markets Inc	119,203	13,492,588
Charles Schwab Corp	78,462	4,957,229
LPL Financial Holdings Inc	310,490	57,279,195
MSCI Inc	14,784	6,093,226
		81,822,238
Chemicals – 0.4%		
Corteva Inc	104,329	5,648,372
Commercial Services & Supplies – 1.9%	150.007	E 004 0E0
Cimpress PLC* Rentokil Initial PLC	153,837 355,226	5,984,259 2,051,900
Rentokii Initial PLC Ritchie Bros Auctioneers Inc [#]	273,274	17,779,206
Nicilie Dios Auctioneers inc	210,214	25,815,365
Containers & Packaging – 1.0%		20,010,000
Sealed Air Corp	233,583	13,482,411
Diversified Consumer Services – 1.5%	,	- 1 - 1
Frontdoor Inc*	277,157	6,673,941
Terminix Global Holdings Inc*	342,265	13,913,072
		20,587,013
Electric Utilities – 1.2%	050.010	10001010
Alliant Energy Corp	278,013	16,294,342
Electrical Equipment – 2.2% Regal Beloit Corp	55,756	6,329,421
Sensata Technologies Holding PLC	585,272	24,177,586
Jensata reenhologies holding r Le	000,272	30,507,007
Electronic Equipment, Instruments & Components – 5.4%		00,007,007
Dolby Laboratories Inc	87,987	6,296,350
Flex Ltd*	1,419,808	20,544,622
National Instruments Corp	469,278	14,655,552
TE Connectivity Ltd	277,794	31,432,391
		72,928,915
Entertainment – 1.7%		
Liberty Media Corp-Liberty Formula One*	373,112	23,681,419
Equity Real Estate Investment Trusts (REITs) – 1.2%	100 105	10004404
Lamar Advertising Co	193,185	16,994,484
Health Care Equipment & Supplies – 8.7% Boston Scientific Corp*	960,291	35,790,046
Cooper Cos Inc	49,546	15,513,844
Dentsply Sirona Inc	340,229	12,156,382
ICU Medical Inc*	100,731	16,559,169
STERIS PLC	79,928	16,477,157
	10,020	.0,111,101

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited) June 30, 2022

Cammon Stocks- (continued) Health Care Equipment & Supples - (continued) Tateleka Inc Health Care Equipment & Supples - (continued) Aramatk 421,365 Italefika Inc More Statument & Leisure - 1.7% Aramatk 421,365 Italefika Inc More Statument Gobady Inc' WEX Inc' More Statument		Shares	Value
Telefika, Inc. 87,627 \$27,518,651 Holes, Restaurants & Leisure - 1.7% 421,365 118,015,111 Aramark 421,365 129,006,410 Information Technology Services - 11.2% 417,241 34,760,348 Annotes LL 417,241 34,760,348 Broandige Francial Solutions Inc 143,763 20,493,588 Patelity Maconal Hormation Services Inc 143,763 20,493,588 Go Bartinge Francial Solutions Inc 143,760 24,893,589 Maconal Machine 13,865,300 13,865,300 Go Bartine 13,865,300 13,865,300 Machine 15,971,387 39,955,6897 Aon PLC - Class A 38,839 10,074,100 WR Berkley Corp 21,767 35,615,817 Machiner & Diock Marketing Retail - 0.3% 79,038 34,442,219 Watar Corp 208,333 19,748,966 Avantor Inc" 45,330 8,4442,219 Illemina Inc" 45,830 8,4442,219 Vataro Corp 208,335 19,769,667,44 Machinery - 28%	Common Stocks- (continued)		
Holels, Restaurants & Leisure – 1.7% 118,015,111 Aramark 421,365 12,906,410 Entain PLC* 661,118 22,924,203 Information Technology Services – 11.2% 417,241 34,760,348 Amdors Lid 117,793 22,924,203 Broadridge Financial Solutions Inc 13,3764 20,935,58 Fieldelly National Information Services Inc 118,841 17,783 Global Paymonts Inc 18,841 17,882,22 Gobaday Inc* 179,029 27,844,761 Insurance – 7,0% 38,833 10,474,102 Anart Financal Corp 28,323 39,856,897 March Financal Corp 28,1233 39,856,897 Narat Financal Corp 29,1767 35,615,815 Inscriman Corp 29,033 3,442,915 Ure Corp 59,6427 35,815,815 Inscriman Corp 29,038 3,442,915 Ure Corp 59,6427 35,836,91 Nardor Inc 45,830 8,442,915 Ure Scrives Corp 208,305 17,097,674 <td< td=""><td>Health Care Equipment & Supplies- (continued)</td><td></td><td></td></td<>	Health Care Equipment & Supplies- (continued)		
Hotes, Restaurants & Leisure - 1.7% 421,365 12,000,410 Aramark 421,365 10,0017,733 Information Technology Services - 11,2% 417,241 34,760,348 Andocs Lid 50,0100 113,764 22,922,203 Information Technology Services - 11,2% 113,764 24,932,568 Andocs Lid 50,0100 113,764 24,932,568 Global Payments Inc 113,8241 17,868,222 34,863,300 WK Ranking Comp 23,230 39,356,897 39,356,897 Jinlact Financial Corp 28,839 10,474,102 39,356,897 Ann PLC - Class A 38,839 10,474,102 96,492,015 Inteact Financial Corp 283,230 39,356,897 96,492,015 Wark Rakley Corp 52,1767 35,615,815 94,492,019 Wark Rakley Corp 52,1767 35,613,815 94,492,015 Warkar Corp' 28,331 3,778,986 36,333 17,789,964 Machinery - 2,6% 10,5042 14,433,073 38,3580,442,195 33,5380,441 33,5380,441 33,5380,441	Teleflex Inc	87,527	
Anamark 421,365 12,006,410 Entain PLC* 61,118 10,017,793 Information Technology Services - 11,2% 347,60,348 22,924,203 Andross LId 117,241 347,60,348 22,924,203 Broadridge Financial Solutions Inc 112,80,41 20,493,558 212,909 13,517,368 Global Payments Inc 158,941 17,565,222 Gobaddy Inc* 450,910 31,365,300 28,849 10,474,102 27,844/761 Insurance - 7,0% - - 38,839 10,474,102 34,6637 38,839 10,474,102 34,66287 38,6439 34,46203 38,6439 34,46203 38,6439 34,46203 38,6439 34,46203 38,6437 36,6333 10,674,102 36,612,815 36,842,015 36,6427 36,612,815 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,46203 34,42986 116,930,073 34,46203 34,46203 34,46203 <td< td=""><td>Hotols Postaurants & Loisuro - 1.7%</td><td></td><td>118,015,111</td></td<>	Hotols Postaurants & Loisuro - 1.7%		118,015,111
Entain PLC* 661,118 10017(783) Information Tachnology Services - 11.2% 417,241 34760,348 Andross Lid 143,764 20,493,558 Broadridge Financial Solutions Inc 143,764 20,493,558 Fidelity National Information Services Inc 121,2909 13,517,388 Global Payments Inc 155,941 17,585,232 Gobad yi Inc* 155,941 17,585,232 Insurance - 7.0% 38,839 10,474,102 Ann PLC - Class A 38,839 10,474,102 Insurance - 7.0% 283,230 39,462,2015 Wark In C - Class A 283,230 39,462,2015 Wark In C - Class A 283,230 39,462,2015 Wark In C - Class A 283,230 34,442,2015 Wark In C - Class A 10,50,42 14,536,073 Wark In C - Class A 10,50,42 14,536,073 Jayardor In C 10,50,42 14,536,073 Matters Cop* 20,30,655 17,097,874 Matter Cop 20,30,655 17,097,874 Watters Cop* 20,30,655		421.365	12,906,410
Information Technology Services - 11.2% Andros L1d Broadridge Financial Solutions Inc I 43,760,348 Broadridge Financial Solutions Inc I 55,911 I7,557 Insurance - 7.0% Aon FLC - Class A I 51,717,1557 Insurance - 7.0% Aon FLC - Class A I 51,717,1557 Insurance - 7.0% Aon FLC - Class A I 51,717,1557 Insurance - 7.0% Aon FLC - Class A I 51,717,1557 Insurance - 7.0% Aon FLC - Class A I 51,717 I 52,322 Insurance - 7.0% Aon FLC - Class A I 51,717 I 52,323 I 53,651 I 52,1767 I 53,651 I 52,1767 I 53,652 I 52,1767 I 53,651 I 52,1767 I 56,333 I 97,89,956 I I 51,815 I 52,1767 I 56,333 I 97,89,956 I I 51,815 I 52,1767 I 56,333 I 97,89,956 I I 1,941,92 I 1,933,9073 I 1,769,94 I 1,933,9073 I 1,769,94 I 1,933,9073 I 1,709,7674 I 1,933,9073 I 1,709,7674 I 1,933,9073 I 1,709,7674 I 1,907,674 I 1,902,901 I I 1,907,674 I 1,907,674 I 1,902,901 I I 1,907,674 I 1,902,901 I I I 1,907,674 I 1,902,90 I I I I I I I I I I I I I I I I I I I			
Andozs Ltd 417,241 34,760,348 Broadridge Financial Solutions Inc 113,764 20,493,558 Fidelity National Information Services Inc 212,909 119,517,368 Global Payments Inc 212,909 17,748 Gobaddy Inc* 450,910 31,365,300 WEX Inc* 109,029 27,849,751 Insurance - 7,0% 38,839 10,474,102 Ann PLC - Class A 38,839 30,454,201 Intact Financial Corp 283,230 39,956,897 Ryan Specialty Group Holdings Inc - Class A* 241,036 9,446,201 WR Berkley Corp 79,038 3,442,895 Uiffer Sciences Tools & Services - 3,9% 79,038 3,442,895 Avantor Inc* 45,833 19,78,996 19,789,996 Illumina Inc* 45,833 19,78,996 15,255,242 Machinery - 2,6% 35,388,041 52,555,242 35,388,041 Dolar Tree Inc* 0,637 6,370,680 35,388,041 Dolar Tree Inc* 10,606 298,012 36,388,041 Dolar Tree Inc* 10,606 298,012 36,388,041 Dolar			22,924,203
Broadridge Financial Solutions Inc 143,764 20439,558 Fidelly National Information Services Inc 158,941 17,586,232 Globad Payments Inc 158,941 17,586,232 Globad Payments Inc 179,029 27,849,751 Insurance = 7.0% 38,839 10,474,102 Ann PLC - Class A 38,839 10,474,102 Insurance = 7.0% 283,330 39,955,897 Ann PLC - Class A 38,839 10,474,102 WR Berkley Corp 221,767 35615,815 Wark Inc - Class A* 241,036 94,462,015 Wark Inc - Class A* 79,038 3,442,895 Life Sciences Tools & Services = 3.9% 66,333 19,799,966 Machiner - Class A* 28,331 9,376,994 Vasters Corp* 28,331 9,376,994 Machinery - 2.6% 18,290,387 18,290,387 Ingersol Rand Inc 434,657 18,290,386 Mattiline Retail - 0.5% 208,305 17,097,674 Dalar Tree Inc' 10,076,058 33,386,041 D,808,01 19,320,891<			04500040
Fidelity National Information Services Inc 212,209 195,17,368 Global Payments Inc 158,941 17,585,232 Gobaddy Inc* 450,910 31,366,300 WEX Inc* 179,029 27,849,751 Insurance - 70% 38,339 10,474,102 An PLC - Class A 38,339 10,474,102 Intact Financial Corp 283,230 39,955,897 War Specialty Group Holdings Inc - Class A* 241,036 9,446,201 Wark Inc* 21,767 35,615,815 Internet & Direct Marketing Retail - 0.3% 99,452,015 99,482,015 Warkar Inc* 105,042 14,939,073 3,442,295 Life Sciences Tools & Services - 3.9% 79,038 3,442,295 Avantor Inc* 636,333 19,789,956 3,342,219 Ingersol Rand Inc 43,667 18,290,367 17,097,674 Watter Corp 208,305 71,097,674 53,380,411 Dolar Tree Inc* 100,061 19,320,891 19,376,694 Watter Corp 208,305 71,097,674 53,380,411 Dolar Tree Inc* 180,081 19,320,891 19,320,891			
Global Payments Inc 158,941 17,858,232 Gobaddy Inc* 450,910 33,85,300 WEX Inc* 179,029 27,849,751 Insurance - 7.0% 38,839 10,474,102 Ann PLC - Class A 38,839 39,955,897 Ryan Specially Group Holdings Inc - Class A* 283,230 39,955,897 WR Berkley Corp 521,767 35,615,815 Internet & Direct Marketing Retail - 0.3% 79,038 3,442,895 Warkar Inc - Class A* 79,038 3,442,895 Varkar Inc - Class A* 28,330 96,492,015 Waylar Inc - Class A* 45,830 8,449,219 PerkinElmer Inc 45,830 8,449,219 Machinery - 2.6% 208,305 17,097,674 Machinery - 2.6% 208,305 17,097,674 Muttline Retail - 0.5% 20,8305 17,097,674 Dolar Tree Inc* 18,020,3867 19,320,891 Ol, Gas & Conzmable Fuels - 2.0% 29,365,651 1,941,764 Muttline Retail - 0.5% 21,2231 33,420,016 Dolar Tree Inc* 10,			
WEX Inc ² 179,029 27,849,751 Insurance – 7,0% 151,571,557 Aon PLC - Class A 38,839 39,955,897 Intact Financial Corp 283,230 39,956,897 Ryan Specialty Group Holdings Inc - Class A* 241,036 9,446,201 WR Berkley Corp 521,767 35,815,815 Internet & Direct Marketing Retail – 0.3% 9,446,201 9,446,201 Wayfair Inc - Class A* 21,087 35,415,815 Ille Sciences Tools & Services – 3,9% 3,442,895 3,442,895 Avantor Inc* 45,830 8,449,219 PerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,376,994 Ingersoll Rand Inc 434,6557 18,290,367 Waters Corp 28,331 9,376,994 Jolar Tiree Inc* 0,305 17,007,674 Multiline Retail – 0.5% 35,388,041 19,320,891 Dolar Tiree Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,229 10,076,059 Prefessional Services – 0.2% 23,365,11			
Insurance - 7.0% 161,571,557 Aon PL C - Class A 38,899 10,474,102 Intact Financial Corp 283,230 39,955,897 Ryan Specially Group Holdings Inc - Class A* 283,230 39,955,897 WR Berkley Corp 521,767 35,6115,815 Internet & Direct Marketing Retail - 0.3% 95,492,015 95,492,015 Waylar Inc - Class A* 79,038 3,442,895 Life Sciences Tools & Services - 3.9% 79,038 3,442,895 Awantor Inc* 45,830 8,449,219 PerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,376,994 Multiline Retail - 0.5% 208,305 17,007,674 Dollar Tree Inc* 40,877 6,370,680 Oll, Gas & Consmable Fuels - 2.0% 29,396,950 29,396,950 Professional Services - 0.2% 29,396,950 29,396,950 Upwork Inc* 18,209 10076,059 Redin Corp* 235,651 1,941,764 Redin Corp* 235,651 1,941,764 Redin Corp* 233,969			
Insurance - 7.0% Ann PLC - Class A Non PLC - Class A New Specially Group Holdings Inc - Class A* Was Special Class A* Was Special Class A* Machinery - Class A* Machinery - 2.6% Ingersoll Rand Inc Waster Corp* Machinery - 2.6% Ingersoll Rand Inc Waster Corp Machinery - 2.6% Ingersoll Rand Inc Machinery - 1.0% KLA Corp Semiconductor & Semiconductor Equipment - 7.9% KLA Corp Semiconductor Corp ⁺ Software - 10.2% Attassian Corp PLC - Class A* Setaber - 0.2% Ingersoll Rand Inc Machinery - 10,2% Attassi	WEX Inc*	179,029	
An PLC - Class A 38,839 10,474,102 Intact Financial Corp 283,230 38,955,897 Ryan Specialty Group Holdings Inc - Class A* 241,036 9,446,201 WR Berkley Corp 595,492,0115 35,615,815 Internet & Direct Marketing Retail – 0.3% 95,432,0115 35,615,815 Wayfar Inc - Class A** 79,038 3,442,895 Life Sciences Tools & Services – 3.9% 636,333 19,789,956 Avantor Inc* 636,333 19,789,956 Illumina Inc* 45,830 8,443,9219 PerkinElmer Inc 105,042 14,439,073 Watters Corp* 28,331 9,376,994 Old, Gas & Cory 203,305 17,097,674 Muttiline Retail – 0.5% 0 35,388,041 Dollar Tree Inc* 0,087 6,370,680 Oll, Gas & Cory 27,341,502 10,076,059 Pharmaceuticals – 0.2% 29,396,950 10,076,059 Ordesional Services – 0.2% 29,396,950 10,076,059 Upwork Inc* 144,106 298,0112 Readin Cory*			151,571,557
Intact Financial Corp 2982,30 39,955,897 Ryan Specially Group Holdings Inc - Class A* 241,036 9,446,201 WR Berkley Corp 521,767 356,15,815 Internet & Direct Marketing Retail – 0.3% 95,492,015 Wayfair Inc - Class A** 636,333 19,789,956 Illumina Inc* 45,830 8,442,895 Avantor Inc* 45,830 8,442,895 Illumina Inc* 45,830 8,442,895 Machinery - 2,6% 105,042 14,939,073 Ingersol Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail - 0.5% 35,388,041 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oli, Gas & Consumable Fuels - 2,0% 40,877 27,341,502 Pharmaceuticals - 0.2% 19,320,891 19,320,891 Upwork Inc* 144,106 2,983,050 Professional Services - 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,983,0112 Read K Rall - 2,5% 21,2231 <t< td=""><td></td><td>38,839</td><td>10.474.102</td></t<>		38,839	10.474.102
WR Berkley Corp 521,767 35,615,815 Internet & Direct Marketing Retail – 0.3% 95,492.015 95,492.015 Wayfair Inc - Class A** 79,038 3,442,895 Life Sciences Tools & Services – 3.9% 79,038 3,442,895 Avantor Inc* 45,830 8,449,219 PerkinElmer Inc 45,830 8,449,219 Variant Corp* 28,331 9,376,994 Machinery – 2.6% 434,657 18,290,367 Ingersoll Rand Inc 434,657 18,290,367 Watters Corp* 208,305 17,097,674 Dollar Tree Inc* 40,877 6,370,880 Oll, Gas & Consumable Fuels – 2.0% 40,877 27,341,502 Pharmaceuticals – 2.2% 29,396,950 29,396,950 Catalent Inc* 138,0081 19,320,891 Elanco Animal Heath Inc* 513,299 29,396,950 Upwork Inc* 144,106 2980,112 Read Estate Management & Development – 0.1% 87,803 28,016,181 Lam Containel Heath Inc* 212,231 33,420,016 Semiconductor & Semico			
Internet & Direct Marketing Retail – 0.3% 95,492,015 Wayfair Inc - Class A** 79,038 3,442,895 Life Sciences Tools & Services – 3.9% 636,333 19,789,956 Avantor Inc* 105,042 14,939,073 BerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,376,994 Machinery – 2.6% 108,040 93,368,041 Ingersoll Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail – 0.5% 40,877 6,370,680 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 40,877 6,370,680 Magelian Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 29,396,950 Upwork Inc* 144,106 2,980,1112 Read K Rail – 2.5% 235,651 1,941,764 Goad & Aali – 2.5% 212,231 3		241,036	
Internet & Direct Marketing Retail – 0.3% Wayfair Inc - Class A** If & Sciences Tools & Services – 3.9% Avantor Inc* Illumian Inc* Avantor Inc* Avantor Inc* Illumian Inc* Avantor Inc* Avantor Inc* Illumian Inc* Avantor Inc* Machinery – 2.6% Ingersoll Rand Inc Wabtec Corp Machinery – 2.6% Ingersoll Rand Inc Wabtec Corp Magellan Midstream Partners LP Pharmaceuticals – 2.2% Catalent Inc* Elanco Animal Health Inc* Professional Services – 0.2% Upwork Inc* Redfin Corp* Professional Services – 0.2% Upwork Inc* Redfin Corp* Semiconductor & Semiconductor Equipment – 0.1% Redfin Corp* Semiconductor & Semiconductor Equipment – 7.9% KLA Corp Atlassian Corp PLC - Class A* Catalest InC* Atlassian Corp PLC - Class A* Constellation Software Inc/Canada PLA State Management Inc/Canada SetSite Management Inc/Canada	WR Berkley Corp	521,767	
Wayfair Inc - Class A** 79,038 3,442,895 Life Sciences - 3.9% 636,333 19,789,956 Avantor Inc* 636,333 8,449,219 Blumina Inc* 45,830 8,449,219 PerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,376,594 Ingersoll Rand Inc 434,657 18,290,367 Multiline Retail - 0.5% 208,305 17,097,674 Dollar Tree Inc* 40,877 6,370,680 Oll, Gas & Consumable Fuels - 2.0% 40,877 6,370,680 Multiline Retail - 0.5% 208,305 17,097,674 Dollar Tree Inc* 40,877 6,370,680 Oll, Gas & Consumable Fuels - 2.0% 40,877 27,341,502 Magelian Midstream Partners LP 572,477 27,341,502 Pharmaceuticals - 2.2% 180,081 19,320,891 Catalent In* 180,081 19,320,891 Elanco Animal Health In* 513,299 10,076,059 Work Inc* 235,651 1,941,764 Road & Rail - 2.5% 212,231 33	Internet & Direct Marketing Dateil 0.206		95,492,015
Life Sciences Tools & Services – 3.9% Avantor Inc* 636,333 19,789,956 Illumina Inc* 45,830 8,449,219 PerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,276,994 Ingersol Rand Inc 434,657 18,290,367 Wabte Corp 208,305 17,097,674 Mutiline Retail – 0.5% Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% Mageilan Midstream Partners LP Pharmaceuticals – 2.2% Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,659 Professional Services – 0.2% Upwork Inc* 235,651 1,941,764 Redfin Corp* 20,040 85,400,466 Lam Research Corp 20,040 85,400,46 Microchip Technology Inc 7,97% XLA Corp 20,040 85,400,46 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,662 Software – 10.2% Atlassian Corp PLC - Class A* 38,582 7,230,267 Catalexin Cord PLC - Class A* 38,582 7,230,267 Catalexin Software Inc/Canada 226,832 43,837,44		79.038	3 442 895
Avantor Ine* 636,333 19,789,956 Illumina Inc* 45,830 8,449,219 PerkinElmer Inc 106,042 14,939,073 Waters Corp* 28,331 9,376,994 Machinery – 2.6% 18,290,367 18,290,367 Mapersoll Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail – 0.5% 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 40,877 6,370,680 Magelian Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 19,028,11 19,320,891 Catalent Inc* 180,081 19,320,891 Upwork Inc* 144,106 2,980,112 Readit Corp* 235,651 1,941,764 Readit Corp* 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 78,803 28,016,181 Lam Research Corp 20,040 85,400,46 17,654,403 NKP Semiconductor Corp* 795,362 40,014,66		10,000	0,112,000
PerkinElmer Inc 105,042 14,939,073 Waters Corp* 28,331 9,376,994 Machinery – 2.6% 52,555,242 Ingersoll Rand Inc 434,657 18,290,367 Watter Corp 208,305 17,097,674 Multiline Retail – 0.5% 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 40,877 27,341,502 Magellan Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,059 Upwork Inc* 22,396,950 22,396,950 Professional Services – 0.2% 235,651 1,941,764 Read Estate Management & Development – 0.1% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 30,396,77 17,654,403 NKP Semiconductor Rovices Inc 212,231 33,420,016 Lam Research Corp 20,040 8540,046 Microchip Technology Inc 303,96			19,789,956
Waters Cop* 28,331 9,376,994 Machinery - 2.6% 52,555,242 Ingersoll Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail - 0.5% 40,877 6,370,680 Oil, Gas & Consumable Fuels - 2.0% 40,877 27,341,502 Pharmaceuticals - 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 180,081 19,320,891 Porfessional Services - 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,980,112 Readfin Corp* 235,661 1,941,764 Road & Rail - 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor Equipment - 7.9% 87,803 28,016,181 KLA Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NP Semiconductor SNV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662			
Machinery – 2.6% 52,556,242 Ingersoll Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail – 0.5% 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 40,877 27,341,502 Magellan Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 29,396,950 Professional Services – 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 87,803 28,016,181 Read & Rail – 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Lam Research Corp 303,967 17,654,403 NXP Semiconductor S NV 92,221 13,651,475 ON Semiconductor S NV 92,221 <td></td> <td></td> <td></td>			
Machinery - 2.6% 434,657 18,290,367 Ingersoll Rand Inc 434,657 18,290,367 Wabte Corp 208,305 17,097,674 Multiline Retail - 0.5% 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels - 2.0% 40,877 27,341,502 Pharmaceuticals - 2.2% 19,320,891 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,059 Professional Services - 0.2% 29,396,950 29,396,950 Professional Services - 0.2% 235,651 1,941,764 Read fin Corp* 235,651 1,941,764 Read & Rail - 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment - 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor S NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 7	waters Corp	20,331	
Ingersöll Rand Inc 434,657 18,290,367 Wabtec Corp 208,305 17,097,674 Multiline Retail – 0.5% 35,388,041 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 40,877 27,341,502 Magellan Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 513,299 10,076,059 Upwork Inc* 144,106 2,980,112 Readi Corp* 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 KLA Corp 87,803 28,016,181 144,106 2,922,1 Semiconductor & Semiconductor Equipment – 7.9% 71,664,403 303,967 17,664,403 Microchip Technology Inc 303,967 17,664,403 303,967 17,664,403 NXP Semiconductor Corp* 795,362 40,014,662 40,014,662 40,014,662 Software – 10.2% 307,042	Machinery – 2.6%		02,000,242
Multiline Retail - 0.5% 35,388,041 Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels - 2.0% 572,477 27,341,502 Pharmaceuticals - 2.2% 573,2497 27,341,502 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,059 Professional Services - 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,980,112 Read Estate Management & Development - 0.1% 235,651 1,941,764 Road & Rail - 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment - 7.9% KLA Corp 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 107,856,403 NXP Semiconductor S NV 92,221 13,651,475 0N Semiconductor Corp* 40,014,662 Software - 10.2% 414,455,537 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,38,744	Ingersoll Rand Inc		18,290,367
Multiline Retail – 0.5% 40,877 6,370,680 Dollar Tree Ine* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 180,081 19,320,891 Professional Services – 0.2% 29,396,950 29,396,950 Professional Services – 0.2% 144,106 2,980,112 Read Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 33,420,016 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 295,362 40,014,662 ON Semiconductor Corp* 7,230,267 40,014,662 Software – 10.2% 7,230,267 14,455,537 Censtellation Software Inc/Canada 26,832 39,838,744	Wabtec Corp	208,305	
Dollar Tree Inc* 40,877 6,370,680 Oil, Gas & Consumable Fuels – 2.0% 77,341,502 Magellan Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,059 Professional Services – 0.2% 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,662 ON Semiconductor Corp* 795,362 40,014,665 Software – 10.2% 7,230,267 107,876,767 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744	Multiling Datail 0.504		35,388,041
Oil, Gas & Consumable Fuels – 2.0% 572,477 27,341,502 Pharmaceuticals – 2.2% 0 180,081 19,320,891 Catalent Inc* 513,299 10,076,059 29,396,950 Professional Services – 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 7,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,651,475 ON Semiconductor Corp* 795,362 7,230,267 Software – 10.2% 307,042 14,455,537 Ceridian HCM Holding Inc* 307,042 14,455,537 Ceridian HCM Holding Inc* 307,042 39,838,744		40.877	6.370.680
Magellan Midstream Partners LP 572,477 27,341,502 Pharmaceuticals – 2.2% 180,081 19,320,891 Catalent Inc* 513,299 10,076,059 Professional Services – 0.2% 29,396,950 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% XLA Corp 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,662 40,014,662 Software – 10.2% 38,582 7,230,267 107,876,767 Ceridian HCM Holding Inc* 307,042 14,455,537 20,2632 39,838,744		-0,011	0,010,000
Catalent Inc* 180,081 19,320,891 Elanco Animal Health Inc* 513,299 10,076,059 Professional Services – 0.2% 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,662 Software – 10.2% 107,876,767 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		572,477	27,341,502
Elanco Animal Health Inc* 513,299 10,076,059 Professional Services – 0.2% 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 795,362 40,014,662 Software – 10.2% 107,876,767 107,876,767 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		100.001	10,000,001
Professional Services - 0.2% 29,396,950 Upwork Inc* 144,106 2,980,112 Real Estate Management & Development - 0.1% 235,651 1,941,764 Road & Rail - 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment - 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor Corp* 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 7,230,267 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
Professional Services – 0.2% 144,106 2,980,112 Real Estate Management & Development – 0.1% 235,651 1,941,764 Redfin Corp* 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor S NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Tor,876,767 707,876,767 107,876,767 Software – 10.2% 7,230,267 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		515,299	
Real Estate Management & Development - 0.1% 235,651 1,941,764 Road & Rail - 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment - 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Lam Research Corp 303,967 17,654,403 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 TOT,876,767 Software - 10.2% 38,582 7,230,267 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744	Professional Services – 0.2%		20,000,000
Redfin Corp* 235,651 1,941,764 Road & Rail – 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 TOT,876,767 Software – 10.2% 38,582 7,230,267 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		144,106	2,980,112
Road & Rail – 2.5% 212,231 33,420,016 JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 87,803 28,016,181 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor S NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 TO7,876,767 107,876,767 Software – 10.2% 38,582 7,230,267 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		005.051	1041704
JB Hunt Transport Services Inc 212,231 33,420,016 Semiconductor & Semiconductor Equipment – 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductor S NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Tor,876,767 107,876,767 Software – 10.2% 38,582 7,230,267 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		235,651	1,941,704
Semiconductor & Semiconductor Equipment - 7.9% 87,803 28,016,181 Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		212.231	33,420,016
Lam Research Corp 20,040 8,540,046 Microchip Technology Inc 303,967 17,654,403 NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
Microchip Technology Inc 303,967 17,654,403 NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
NXP Semiconductors NV 92,221 13,651,475 ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
ON Semiconductor Corp* 795,362 40,014,662 Software - 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
Software – 10.2% 107,876,767 Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744			
Atlassian Corp PLC - Class A* 38,582 7,230,267 Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		,	
Ceridian HCM Holding Inc* 307,042 14,455,537 Constellation Software Inc/Canada 26,832 39,838,744		22.522	
Constellation Software Inc/Canada26,83239,838,744			
Dynamace inc 214,373 0.434.071	Dynatrace Inc*	214,373	8,454,871

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited)

June 30, 2022

	Shares	Value
Common Stocks– (continued)		
Software- (continued)		
j2 Global Inc*	99,199	\$7,393,302
Nice Ltd (ADR)*	91,914	17,688,849
SS&C Technologies Holdings Inc	674,596	39,173,790
Topicus.com Inc*	65,401	3,690,812
		137,926,172
Specialty Retail – 2.4%	F6 61 4	7710505
Burlington Stores Inc* CarMax Inc*	56,614 280,993	7,712,525 25,424,247
Calimax Inc	260,995	33,136,772
Textiles, Apparel & Luxury Goods – 0.9%		33,130,772
Gildan Activewear Inc	443,659	12,768,506
Trading Companies & Distributors – 1.4%	440,009	12,700,000
Ferguson PLC	167,800	18,577,138
Total Common Stocks (cost \$907,880,836)	101,000	1,306,718,694
Investment Companies– 3.8%		
Money Markets – 3.8%		
Janus Henderson Cash Liquidity Fund LLC, 1.3877% ^{∞,£} (cost \$51,443,358)	51,438,695	51,443,839
Investments Purchased with Cash Collateral from Securities Lending- 0.4%		
Investment Companies – 0.4%		
Janus Henderson Cash Collateral Fund LLC, 1.3810% $^{\circ, \mathfrak{L}}$ (cost \$4,662,618)	4,662,618	4,662,618
Total Investments (total cost \$963,986,812) – 100.4%		1,362,825,151
Liabilities, net of Cash, Receivables and Other Assets – (0.4)%		(5,002,790)
Net Assets – 100%		\$1,357,822,361

Summary of Investments by Country - (Long Positions) (unaudited)

Country	Value	% of Investment Securities
United States	\$1,190,671,571	87.4 %
Canada	114,033,165	8.4
Israel	17,688,849	1.3
United Kingdom	15,425,931	1.1
Ireland	10,337,267	0.8
Denmark	7,438,101	0.5
Australia	7,230,267	0.5
Total	\$1,362,825,151	100.0%

Schedule of Investments (unaudited) June 30, 2022

Schedules of Affiliated Investments – (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/22
Investment Companies - 3.8% Money Markets - 3.8%						
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	\$	114,341	\$	(256)	\$ 481	\$ 51,443,839
Investments Purchased with Cash Collateral fr Investment Companies - 0.4%	om Securiti	es Lending - 0.4%	6			
Janus Henderson Cash Collateral Fund LLC, 1.3810%		3,968 [∆]		_	_	4,662,618
Total Affiliated Investments - 4.2%	\$	118,309	\$	(256)	\$ 481	\$ 56,106,457

	Value at 12/31/21	Purchases	Sales Proceeds	Value at 6/30/22
Investment Companies - 3.8%	dt 12/01/21		Gales Proceeds	ut 0/00/22
Money Markets - 3.8%				
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	62,157,557	116,404,222	(127,118,165)	51,443,839
Investments Purchased with Cash Collateral from So Investment Companies - 0.4%	ecurities Lending - 0.4%			
Janus Henderson Cash Collateral Fund LLC, 1.3810%	358,400	62,746,606	(58,442,388)	4,662,618

Schedule of Investments (unaudited) June 30, 2022

Schedule of Forward Foreign Currency Exchange Contracts

				Market Value and
Counterportul	Settlement	Foreign Currency Amount (Sold)/	USD Currency Amount (Sold)/	Unrealized Appreciation/
Counterparty/ Foreign Currency	Date	Purchased	Purchased	(Depreciation)
Barclays Capital, Inc.:	Duie	T dicinascu	T dicinated	(Depreciation)
Canadian Dollar	9/22/22	(7,426,000)	\$ 5,747,311	\$ (23,607)
Euro	9/22/22	(1,729,000)	1,840,514	17,908
				(5,699)
Citibank, National Association:				
Canadian Dollar	9/22/22	(10,675,000)	8,260,786	(35,007)
Euro	9/22/22	(2,880,000)	3,066,238	30,318
				(4,689)
HSBC Securities (USA), Inc.:				
Canadian Dollar	9/22/22	(10,211,000)	7,904,915	(30,293)
Euro	9/22/22	330,000	(347,838)	28
Euro	9/22/22	139,000	(147,266)	(740)
Euro	9/22/22	(2,880,400)	3,066,840	30,498
				(507)
JPMorgan Chase Bank, National Association:				
Canadian Dollar	9/22/22	(11,776,000)	9,118,096	(33,309)
Euro	9/22/22	(3,663,400)	3,899,241	37,508
				4,199
State Street Bank and Trust Company:				
Canadian Dollar	9/22/22	(8,426,000)	6,524,805	(23,237)
Euro	9/22/22	(2,264,000)	2,409,996	23,425
				 188
Total				\$ (6,508)

The following table, grouped by derivative type, provides information about the fair value and location of derivatives within the Statement of Assets and Liabilities as of June 30, 2022.

Fair Value of Derivative Instruments (not accounted for as hedging instruments) as of June 30, 2022

	Currency Contracts
Asset Derivatives:	
Forward foreign currency exchange contracts	\$139,685
Liability Derivatives:	
Forward foreign currency exchange contracts	\$146,193

Schedule of Investments (unaudited) June 30, 2022

The following tables provide information about the effect of derivatives and hedging activities on the Portfolio's Statement of Operations for the period ended June 30, 2022.

The effect of Derivative Instruments (not accounted for as hedging instruments) on the Statement of Operations for the period ended June 30, 2022

Amount of Realized Gain/(Loss) Recognized on Derivatives

	Currency
Derivative	Contracts
Forward foreign currency exchange contracts	\$ 3,514,752

Amount of Change in Unrealized Appreciation/Depreciation Recognized on Derivatives

	Currency
Derivative	Contracts
Forward foreign currency exchange contracts	\$(1,328,554)

Please see the "Net Realized Gain/(Loss) on Investments" and "Change in Unrealized Net Appreciation/Depreciation" sections of the Portfolio's Statement of Operations.

Average Ending Monthly Value of Derivative Instruments During the Period Ended June 30, 2022

Forward foreign currency exchange contracts:	
Average amounts purchased - in USD	\$13,517,090
Average amounts sold - in USD	67,371,824

Offsetting of Financial Assets and Derivative Assets

	Gross Amounts of Recognized	Offsetting Asset	Collateral	
Counterparty	Assets	or Liability ^(a)	Pledged ^(b)	Net Amount
Barclays Capital, Inc.	\$ 17,908	\$ (17,908)	\$ -	\$ _
Citibank, National Association	30,318	(30,318)	_	_
HSBC Securities (USA), Inc.	30,526	(30,526)	_	_
JPMorgan Chase Bank, National Association	2,986,495	(33,309)	(2,948,987)	4,199
State Street Bank and Trust Company	23,425	(23,237)	_	188
Total	\$ 3,088,672	\$ (135,298)	\$ (2,948,987)	\$ 4,387

Schedule of Investments (unaudited) June 30, 2022

Offsetting of Financial Liabilities and Derivative Liabilities

	Gross Amounts of Recognized	Offsetting Asset	Collateral	
Counterparty	Liabilities	or Liability ^(a)	Pledged ^(b)	Net Amount
Barclays Capital, Inc.	\$ 23,607	\$ (17,908)	\$ _ :	\$ 5,699
Citibank, National Association	35,007	(30,318)	_	4,689
HSBC Securities (USA), Inc.	31,033	(30,526)	_	507
JPMorgan Chase Bank, National Association	33,309	(33,309)	_	_
State Street Bank and Trust Company	23,237	(23,237)	_	_
Total	\$ 146,193	\$ (135,298)	\$ _ :	\$ 10,895

(a) Represents the amount of assets or liabilities that could be offset with the same counterparty under master netting or similar agreements that management elects not to offset on the Statement of Assets and Liabilities.

(b) Collateral pledged is limited to the net outstanding amount due to/from an individual counterparty. The actual collateral amounts pledged may exceed these amounts and may fluctuate in value.

Janus Henderson VIT Enterprise Portfolio Notes to Schedule of Investments and Other Information (unaudited)

Russell Midcap [®] Growth Index	Russell Midcap [®] Growth Index reflects the performance of U.S. mid-cap equities with higher price-to-book ratios and higher forecasted growth values.
ADR	American Depositary Receipt
LLC	Limited Liability Company
LP	Limited Partnership
PLC	Public Limited Company

- * Non-income producing security.
- ^{oo} Rate shown is the 7-day yield as of June 30, 2022.
- # Loaned security; a portion of the security is on loan at June 30, 2022.
- S The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.
- Δ Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties.

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of June 30, 2022. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	Level 1 - Quoted Prices	Level 2 - Other Significant Observable Inputs	Level 3 - Significant Unobservable Inputs
Assets			
Investments In Securities:			
Common Stocks	\$ 1,306,718,694	\$ -	\$ -
Investment Companies	-	51,443,839	-
Investments Purchased with Cash Collateral from Securities			
Lending	-	4,662,618	-
Total Investments in Securities	\$ 1,306,718,694	\$ 56,106,457	\$ -
Other Financial Instruments ^(a) :			
Forward Foreign Currency Exchange Contracts	-	139,685	-
Total Assets	\$ 1,306,718,694	\$ 56,246,142	\$ -
Liabilities			
Other Financial Instruments ^(a) :			
Forward Foreign Currency Exchange Contracts	\$ -	\$ 146,193	\$ -

(a) Other financial instruments include forward foreign currency exchange contracts, futures, written options, written swaptions, and swap contracts. Forward foreign currency exchange contracts, futures contracts, and swap contracts are reported at their unrealized appreciation/(depreciation) at measurement date, which represents the change in the contract's value from trade date. Written options and written swaptions are reported at their market value at measurement date.

Janus Henderson VIT Enterprise Portfolio Statement of Assets and Liabilities (unaudited)

June 30, 2022

Assets:		
Unaffiliated investments, at value (cost \$907,880,836) ⁽¹⁾	\$	1,306,718,694
Affiliated investments, at value (cost \$56,105,976)	Ŷ	56,106,457
Forward foreign currency exchange contracts		139,685
Cash denominated in foreign currency (cost \$29,689)		29,689
Trustees' deferred compensation		39,700
Receivables:		00,100
Investments sold		3,412,551
Dividends		768,917
Portfolio shares sold		419,493
Dividends from affiliates		44,072
Foreign tax reclaims		31,113
Other assets		20,830
Total Assets		1,367,731,201
Liabilities:		.,
Due to custodian		1,285
Collateral for securities loaned (Note 3)		4,662,618
Forward foreign currency exchange contracts		146,193
Payables:		1 10,100
Investments purchased		2,398,163
Portfolio shares repurchased		1,305,238
Advisory fees		734.085
12b-1 Distribution and shareholder servicing fees		165,701
Transfer agent fees and expenses		59,579
Trustees' deferred compensation fees		39,700
Professional fees		26,036
Custodian fees		8,472
Trustees' fees and expenses		6,466
Affiliated portfolio administration fees payable		2,867
Accrued expenses and other payables		352,437
Total Liabilities		9,908,840
Net Assets	\$	1,357,822,361
Net Assets Consist of:	Ŷ	1,007,022,001
Capital (par value and paid-in surplus)	\$	911,044,597
Total distributable earnings (loss)	Ψ	446,777,764
Total Net Assets	\$	1,357,822,361
Net Assets - Institutional Shares	\$	572,401,846
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	Ψ	8.646.793
Net Asset Value Per Share	\$	66.20
Net Assets - Service Shares	\$	785,420,515
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	ψ	13,132,884
Net Asset Value Per Share	\$	59.81
INCLASSEL VALUE FEL SHALE	Φ	09.01

(1) Includes \$2,948,987 of securities on loan. See Note 3 in Notes to Financial Statements.

See Notes to Financial Statements.

Janus Henderson VIT Enterprise Portfolio Statement of Operations (unaudited) For the period ended June 30, 2022

Investment Income:	•	0000010
Dividends	\$	6,926,919
Dividends from affiliates		114,341
Affiliated securities lending income, net		3,968
Unaffiliated securities lending income, net		686
Foreign tax withheld		(148,160)
Total Investment Income		6,897,754
Expenses:		
Advisory fees		4,858,556
12b-1 Distribution and shareholder servicing fees:		
Service Shares		1,102,586
Transfer agent administrative fees and expenses:		
Institutional Shares		158,794
Service Shares		220,781
Other transfer agent fees and expenses:		
Institutional Shares		8,439
Service Shares		5,807
Shareholder reports expense		28,302
Professional fees		22,935
Affiliated portfolio administration fees		18,979
Custodian fees		18,275
Registration fees		16,271
Trustees' fees and expenses		13,625
Other expenses		67,037
Total Expenses		6,540,387
Net Investment Income/(Loss)		357,367
Net Realized Gain/(Loss) on Investments:		
Investments and foreign currency transactions		39,891,530
Investments in affiliates		(256)
Forward foreign currency exchange contracts		3,514,752
Total Net Realized Gain/(Loss) on Investments		43,406,026
Change in Unrealized Net Appreciation/Depreciation:		-,,
Investments, foreign currency translations and Trustees' deferred compensation		(392,094,332)
Investments in affiliates		481
Forward foreign currency exchange contracts		(1,328,554)
Total Change in Unrealized Net Appreciation/Depreciation		(393,422,405)
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$	(349,659,012)
	Ψ	(0.0,000,012)

Janus Henderson VIT Enterprise Portfolio Statements of Changes in Net Assets

	Period ended	
	June 30, 2022	Year ended
	(unaudited)	December 31, 2021
Operations:		
Net investment income/(loss)	\$ 357,367	\$ 1,333,781
Net realized gain/(loss) on investments	43,406,026	258,119,337
Change in unrealized net appreciation/depreciation	(393,422,405)	10,508,808
Net Increase/(Decrease) in Net Assets Resulting from Operations	(349,659,012)	269,961,926
Dividends and Distributions to Shareholders:		
Institutional Shares	(101,837,326)	(68,341,267)
Service Shares	(150,632,250)	(91,137,615)
Net Decrease from Dividends and Distributions to Shareholders	(252,469,576)	(159,478,882)
Capital Share Transactions:		
Institutional Shares	83,574,584	(83,126,445)
Service Shares	100,002,045	58,655,138
Net Increase/(Decrease) from Capital Share Transactions	183,576,629	(24,471,307)
Net Increase/(Decrease) in Net Assets	(418,551,959)	86,011,737
Net Assets:		
Beginning of period	1,776,374,320	1,690,362,583
End of period	\$ 1,357,822,361	\$ 1,776,374,320

See Notes to Financial Statements.

Janus Henderson VIT Enterprise Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$100.51	\$94.21	\$85.46	\$67.02	\$70.65	\$59.27
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.08	0.22	0.20	0.29	0.21	0.11
Net realized and unrealized gain/(loss)	(20.12)	14.99	14.53	23.06	(0.16)	15.67
Total from Investment Operations	(20.04)	15.21	14.73	23.35	0.05	15.78
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.17)	(0.33)	(0.06)	(0.16)	(0.18)	(0.17)
Distributions (from capital gains)	(14.10)	(8.58)	(5.92)	(4.75)	(3.50)	(4.23)
Total Dividends and Distributions	(14.27)	(8.91)	(5.98)	(4.91)	(3.68)	(4.40)
Net Asset Value, End of Period	\$66.20	\$100.51	\$94.21	\$85.46	\$67.02	\$70.65
Total Return*	(20.02)%	16.83%	19.47%	35.48%	(0.41)%	27.42%
Net Assets, End of Period (in thousands)	\$572,402	\$736,679	\$768,141	\$791,044	\$577,477	\$618,750
Average Net Assets for the Period (in thousands)	\$648,592	\$763,345	\$699,442	\$707,052	\$641,390	\$556,940
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.71%	0.71%	0.72%	0.72%	0.72%	0.73%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.71%	0.71%	0.72%	0.72%	0.72%	0.73%
Ratio of Net Investment Income/(Loss)	0.19%	0.22%	0.25%	0.37%	0.29%	0.17%
Portfolio Turnover Rate	8%	17%	16%	14%	14%	14%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

Janus Henderson VIT Enterprise Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$92.49	\$87.46	\$79.93	\$63.00	\$66.67	\$56.22
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	(0.02)	(0.03)	(2)	0.09	0.03	(0.05)
Net realized and unrealized gain/(loss)	(18.50)	13.87	13.45	21.63	(0.12)	14.82
Total from Investment Operations	(18.52)	13.84	13.45	21.72	(0.09)	14.77
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.06)	(0.23)	_	(0.04)	(0.08)	(0.09)
Distributions (from capital gains)	(14.10)	(8.58)	(5.92)	(4.75)	(3.50)	(4.23)
Total Dividends and Distributions	(14.16)	(8.81)	(5.92)	(4.79)	(3.58)	(4.32)
Net Asset Value, End of Period	\$59.81	\$92.49	\$87.46	\$79.93	\$63.00	\$66.67
Total Return*	(20.12)%	16.54%	19.18%	35.14%	(0.65)%	27.09%
Net Assets, End of Period (in thousands)	\$785,421	\$1,039,696	\$922,221	\$821,408	\$588,973	\$555,550
Average Net Assets for the Period (in thousands)	\$901,929	\$987,585	\$773,949	\$734,274	\$612,433	\$489,237
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.95%	0.96%	0.97%	0.97%	0.97%	0.98%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.95%	0.96%	0.97%	0.97%	0.97%	0.98%
Ratio of Net Investment Income/(Loss)	(0.06)%	(0.03)%	0.00% ⁽³⁾	0.12%	0.04%	(0.08)%
Portfolio Turnover Rate	8%	17%	16%	14%	14%	14%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

(3) Less than 0.005%.

See Notes to Financial Statements.

^{**} Annualized for periods of less than one full year.

⁽¹⁾ Per share amounts are calculated based on average shares outstanding during the year or period.

⁽²⁾ Less than \$0.005 on a per share basis.

Janus Henderson VIT Enterprise Portfolio

Notes to Financial Statements (unaudited)

1. Organization and Significant Accounting Policies

Janus Henderson VIT Enterprise Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term growth of capital. The Portfolio is classified as diversified, as defined in the 1940 Act. Janus Henderson Investors US LLC is the investment adviser (the "Adviser") to the Portfolio.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are generally valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-thecounter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market guotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of June 30, 2022 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Non-cash dividends, if any, are recorded on the ex-dividend date at fair value. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes. Income, as well as gains and losses, both realized and unrealized, are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Janus Henderson VIT Enterprise Portfolio

Notes to Financial Statements (unaudited)

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Foreign Currency Translations

The Portfolio does not isolate that portion of the results of operations resulting from the effect of changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held at the date of the financial statements. Net unrealized appreciation or depreciation of investments and foreign currency translations arise from changes in the value of assets and liabilities, including investments in securities held at the date of the financial statements, resulting from changes in the exchange rates and changes in market prices of securities held.

Currency gains and losses are also calculated on payables and receivables that are denominated in foreign currencies. The payables and receivables are generally related to foreign security transactions and income translations.

Foreign currency-denominated assets and forward currency contracts may involve more risks than domestic transactions, including currency risk, counterparty risk, political and economic risk, regulatory risk and equity risk. Risks may arise from unanticipated movements in the value of foreign currencies relative to the U.S. dollar.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Derivative Instruments

The Portfolio may invest in various types of derivatives, which may at times result in significant derivative exposure. A derivative is a financial instrument whose performance is derived from the performance of another asset. The Portfolio may invest in derivative instruments including, but not limited to: futures contracts, put options, call options, options on futures contracts, options on foreign currencies, options on recovery locks, options on security and commodity indices, swaps, forward contracts, structured investments, and other equity-linked derivatives. Each derivative instrument that was held by the Portfolio during the period ended June 30, 2022 is discussed in further detail below. A summary of derivative activity by the Portfolio is reflected in the tables at the end of the Schedule of Investments.

The Portfolio may use derivative instruments for hedging purposes (to offset risks associated with an investment, currency exposure, or market conditions), to adjust currency exposure relative to a benchmark index, or for speculative purposes (to earn income and seek to enhance returns). When the Portfolio invests in a derivative for speculative purposes, the Portfolio will be fully exposed to the risks of loss of that derivative, which may sometimes be greater than the derivative's cost. The Portfolio may not use any derivative to gain exposure to an asset or class of assets that it would be prohibited by its investment restrictions from purchasing directly. The Portfolio's ability to use derivative instruments may also be limited by tax considerations.

Investments in derivatives in general are subject to market risks that may cause their prices to fluctuate over time. Investments in derivatives may not directly correlate with the price movements of the underlying instrument. As a result,

the use of derivatives may expose the Portfolio to additional risks that it would not be subject to if it invested directly in the securities underlying those derivatives. The use of derivatives may result in larger losses or smaller gains than otherwise would be the case. Derivatives can be volatile and may involve significant risks.

In pursuit of its investment objective, the Portfolio may seek to use derivatives to increase or decrease exposure to the following market risk factors:

- **Commodity Risk** the risk related to the change in value of commodities or commodity-linked investments due to changes in the overall market movements, volatility of the underlying benchmark, changes in interest rates, or other factors affecting a particular industry or commodity such as drought, floods, weather, livestock disease, embargoes, tariffs, and international economic, political, and regulatory developments.
- **Counterparty Risk** the risk that the counterparty (the party on the other side of the transaction) on a derivative transaction will be unable to honor its financial obligation to the Portfolio.
- Credit Risk the risk an issuer will be unable to make principal and interest payments when due, or will default on its obligations.
- **Currency Risk** the risk that changes in the exchange rate between currencies will adversely affect the value (in U.S. dollar terms) of an investment.
- Equity Risk the risk related to the change in value of equity securities as they relate to increases or decreases in the general market.
- Index Risk if the derivative is linked to the performance of an index, it will be subject to the risks associated with changes in that index. If the index changes, the Portfolio could receive lower interest payments or experience a reduction in the value of the derivative to below what the Portfolio paid. Certain indexed securities, including inverse securities (which move in an opposite direction to the index), may create leverage, to the extent that they increase or decrease in value at a rate that is a multiple of the changes in the applicable index.
- Interest Rate Risk the risk that the value of fixed-income securities will generally decline as prevailing interest rates rise, which may cause the Portfolio's NAV to likewise decrease.
- Leverage Risk the risk associated with certain types of leveraged investments or trading strategies pursuant to which relatively small market movements may result in large changes in the value of an investment. The Portfolio creates leverage by investing in instruments, including derivatives, where the investment loss can exceed the original amount invested. Certain investments or trading strategies, such as short sales, that involve leverage can result in losses that greatly exceed the amount originally invested.
- Liquidity Risk the risk that certain securities may be difficult or impossible to sell at the time that the seller would like or at the price that the seller believes the security is currently worth.

Derivatives may generally be traded OTC or on an exchange. Derivatives traded OTC are agreements that are individually negotiated between parties and can be tailored to meet a purchaser's needs. OTC derivatives are not guaranteed by a clearing agency and may be subject to increased credit risk.

In an effort to mitigate credit risk associated with derivatives traded OTC, the Portfolio may enter into collateral agreements with certain counterparties whereby, subject to certain minimum exposure requirements, the Portfolio may require the counterparty to post collateral if the Portfolio has a net aggregate unrealized gain on all OTC derivative contracts with a particular counterparty. Additionally, the Portfolio may deposit cash and/or treasuries as collateral with the counterparty and/or custodian daily (based on the daily valuation of the financial asset) if the Portfolio has a net aggregate unrealized loss on OTC derivative contracts with a particular counterparty. All liquid securities and restricted cash are considered to cover in an amount at all times equal to or greater than the Portfolio's commitment with respect to certain exchange-traded derivatives, centrally cleared derivatives, forward foreign currency exchange contracts, short sales, and/or securities with extended settlement dates. There is no guarantee that counterparty exposure is reduced and these arrangements are dependent on the Adviser's ability to establish and maintain appropriate systems and trading.

Janus Henderson VIT Enterprise Portfolio

Notes to Financial Statements (unaudited)

Forward Foreign Currency Exchange Contracts

A forward foreign currency exchange contract ("forward currency contract") is an obligation to buy or sell a specified currency at a future date at a negotiated rate (which may be U.S. dollars or a foreign currency). The Portfolio may enter into forward currency contracts for hedging purposes, including, but not limited to, reducing exposure to changes in foreign currency exchange rates on foreign portfolio holdings and locking in the U.S. dollar cost of firm purchase and sale commitments for securities denominated in or exposed to foreign currencies. The Portfolio may also invest in forward currency contracts for non-hedging purposes such as seeking to enhance returns. The Portfolio is subject to currency risk and counterparty risk in the normal course of pursuing its investment objective through its investments in forward currency contracts.

Forward currency contracts are valued by converting the foreign value to U.S. dollars by using the current spot U.S. dollar exchange rate and/or forward rate for that currency. Exchange and forward rates as of the close of the NYSE are used to value the forward currency contracts. The unrealized appreciation/(depreciation) for forward currency contracts is reported in the Statement of Assets and Liabilities as a receivable or payable and in the Statement of Operations for the change in unrealized net appreciation/depreciation (if applicable). The realized gain or loss arising from the difference between the U.S. dollar cost of the original contract and the value of the foreign currency in U.S. dollars upon closing a forward currency contract is reported on the Statement of Operations (if applicable).

During the period, the Portfolio entered into forward currency contracts with the obligation to purchase foreign currencies in the future at an agreed upon rate in order to decrease exposure to currency risk associated with foreign currency denominated securities held by the Portfolio.

During the period, the Portfolio entered into forward currency contracts with the obligation to sell foreign currencies in the future at an agreed upon rate in order to decrease exposure to currency risk associated with foreign currency denominated securities held by the Portfolio.

3. Other Investments and Strategies

Additional Investment Risk

In response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, including those which may be attributable to global climate change, such as earthquakes, fires, floods, hurricanes, tsunamis and weather-related phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Portfolio's investments. Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United States. These disruptions could prevent a Portfolio from executing advantageous investment decisions in a timely manner and negatively impact a Portfolio's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Portfolio. In addition, these disruptions could also impair the information technology and other operational systems upon which the Portfolio's service providers, including the Adviser or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Portfolio's service providers to perform essential tasks on behalf of the Portfolio. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to

restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. Among other things, these developments have adversely affected the value and exchange rate of the euro and pound sterling, and may continue to significantly affect the economies of all EU countries, which in turn may have a material adverse effect on the Portfolio's investments in such countries, other countries that depend on EU countries for significant amounts of trade or investment, or issuers with exposure to debt issued by certain EU countries.

Counterparties

Portfolio transactions involving a counterparty are subject to the risk that the counterparty or a third party will not fulfill its obligation to the Portfolio ("counterparty risk"). Counterparty risk may arise because of the counterparty's financial condition (i.e., financial difficulties, bankruptcy, or insolvency), market activities and developments, or other reasons, whether foreseen or not. A counterparty's inability to fulfill its obligation may result in significant financial loss to the Portfolio. The Portfolio may be unable to recover its investment from the counterparty or may obtain a limited recovery, and/or recovery may be delayed. The extent of the Portfolio's exposure to counterparty risk with respect to financial assets and liabilities approximates its carrying value. See the "Offsetting Assets and Liabilities" section of this Note for further details.

The Portfolio may be exposed to counterparty risk through participation in various programs, including, but not limited to, lending its securities to third parties, cash sweep arrangements whereby the Portfolio's cash balance is invested in one or more types of cash management vehicles, as well as investments in, but not limited to, repurchase agreements, debt securities, and derivatives, including various types of swaps, futures and options. The Portfolio intends to enter into financial transactions with counterparties that the Adviser believes to be creditworthy at the time of the transaction. There is always the risk that the Adviser's analysis of a counterparty's creditworthiness is incorrect or may change due to market conditions. To the extent that the Portfolio focuses its transactions with a limited number of counterparties, it will have greater exposure to the risks associated with one or more counterparties.

Offsetting Assets and Liabilities

The Portfolio presents gross and net information about transactions that are either offset in the financial statements or subject to an enforceable master netting arrangement or similar agreement with a designated counterparty, regardless of whether the transactions are actually offset in the Statement of Assets and Liabilities.

In order to better define its contractual rights and to secure rights that will help the Portfolio mitigate its counterparty risk, the Portfolio has entered into an International Swaps and Derivatives Association, Inc. Master Agreement ("ISDA Master Agreement") or similar agreement with its derivative contract counterparties. An ISDA Master Agreement is a bilateral agreement between the Portfolio and a counterparty that governs OTC derivatives and forward foreign currency exchange contracts and typically contains, among other things, collateral posting terms and netting provisions in the event of a default and/or termination event. Under an ISDA Master Agreement, in the event of a default and/or termination event, the Portfolio may offset with each counterparty certain derivative financial instruments' payables and/or receivables with collateral held and/or posted and create one single net payment.

The Offsetting Assets and Liabilities tables located in the Schedule of Investments present gross amounts of recognized assets and/or liabilities and the net amounts after deducting collateral that has been pledged by counterparties or has been pledged to counterparties (if applicable). For corresponding information grouped by type of instrument, see the "Fair Value of Derivative Instruments (not accounted for as hedging instruments) as of June 30, 2022" table located in the Portfolio's Schedule of Investments.

JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. Securities on Ioan will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit,

time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the Securities and Exchange Commission (the "SEC"). See "Securities Lending" in the "Notes to Financial Statements" for additional information.

The Portfolio generally does not exchange collateral on its forward foreign currency contracts with its counterparties; however, all liquid securities and restricted cash are considered to cover in an amount at all times equal to or greater than the Portfolio's commitment with respect to these contracts. Certain securities may be segregated at the Portfolio's custodian. These segregated securities are denoted on the accompanying Schedule of Investments and are evaluated daily to ensure their cover and/or market value equals or exceeds the Portfolio's corresponding forward foreign currency exchange contract's obligation value.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Securities Lending

Under procedures adopted by the Trustees, the Portfolio may seek to earn additional income by lending securities to certain qualified broker-dealers and institutions. JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. The Portfolio may lend portfolio securities in an amount equal to up to 1/3 of its total assets as determined at the time of the loan origination. There is the risk of delay in recovering a loaned security or the risk of loss in collateral rights if the borrower fails financially. In addition, the Adviser makes efforts to balance the benefits and risks from granting such loans. All loans will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the SEC. If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio. In certain circumstances individual loan transactions could yield negative returns.

Upon receipt of cash collateral, the Adviser may invest it in affiliated or non-affiliated cash management vehicles, whether registered or unregistered entities, as permitted by the 1940 Act and rules promulgated thereunder. The Adviser currently intends to primarily invest the cash collateral in a cash management vehicle for which the Adviser serves as investment adviser, Janus Henderson Cash Collateral Fund LLC, or in time deposits. An investment in Janus Henderson Cash Collateral Fund LLC is generally subject to the same risks that shareholders experience when investing in similarly structured vehicles, such as the potential for significant fluctuations in assets as a result of the purchase and redemption activity of the securities lending program, a decline in the value of the collateral, and possible liquidity issues. Such risks may delay the return of the cash collateral and cause the Portfolio to violate its agreement to return the cash collateral to a borrower in a timely manner. As adviser to the Portfolio and Janus Henderson Cash Collateral Fund LLC, the Adviser has an inherent conflict of interest as a result of its fiduciary duties to both the Portfolio and Janus Henderson Cash Collateral Fund LLC. Additionally, the Adviser receives an investment advisory fee of 0.05% for managing Janus Henderson Cash Collateral Fund LLC, but it may not receive a fee for managing certain other affiliated cash management vehicles in which the Portfolio may invest, and therefore may have an incentive to allocate preferred investment opportunities to investment vehicles for which it is receiving a fee.

The value of the collateral must be at least 102% of the market value of the loaned securities that are denominated in U.S. dollars and 105% of the market value of the loaned securities that are not denominated in U.S. dollars. Loaned securities and related collateral are marked-to-market each business day based upon the market value of the loaned securities at the close of business, employing the most recent available pricing information. Collateral levels are then adjusted based on this mark-to-market evaluation. Additional required collateral, or excess collateral returned, is delivered on the next business day. Therefore, the value of the collateral held may be temporarily less than 102% or

105% value of the securities on loan. The cash collateral invested by the Adviser is disclosed in the Schedule of Investments (if applicable).

Income earned from the investment of the cash collateral, net of rebates paid to, or fees paid by, borrowers and less the fees paid to the lending agent are included as "Affiliated securities lending income, net" on the Statement of Operations. As of June 30, 2022, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$2,948,987. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2022 is \$4,662,618, resulting in the net amount due to the counterparty of \$1,713,631.

4. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays the Adviser an investment advisory fee which is calculated daily and paid monthly. The Portfolio's contractual investment advisory fee rate (expressed as an annual rate) is 0.64% of its average daily net assets.

The Adviser serves as administrator to the Portfolio pursuant to an administration agreement between the Adviser and the Trust. Under the administration agreement, the Adviser is authorized to perform, or cause others to perform certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent the Adviser seeks reimbursement and such costs are not otherwise waived). In addition, employees of the Adviser and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of the Adviser employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by the Adviser, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services the Adviser (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as "Affiliated portfolio administration fees" on the Statement of Operations. In addition, some expenses related to compensation payable to the Portfolio's Chief Compliance Officer and certain compliance staff, all of whom are employees of the Adviser and/or its affiliates, are shared with the Portfolio. Total compensation of \$26,340 was paid to the Chief Compliance Officer and certain compliance 30, 2022. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

Janus Henderson Services US LLC (the "Transfer Agent"), a wholly-owned subsidiary of the Adviser, is the Portfolio's transfer agent. The Transfer Agent receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including, but not limited to, recordkeeping, subaccounting, answering inquiries regarding accounts, order processing, transaction confirmations, the mailing of prospectuses and shareholder reports, and other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. The Transfer Agent expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio.

The Transfer Agent is not compensated for internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as "Other transfer agent fees and expenses" on the Statement of Operations.

Under a distribution and shareholder servicing plan (the "Plan") adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust's distributor, Janus Henderson Distributors US LLC (the "Distributor"), a wholly-owned subsidiary of the Adviser, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to the Distributor for remittance to insurance companies and qualified plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as "12b-1 Distribution and shareholder servicing fees" on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the "Deferred Plan") for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2022 on the Statement of Assets and Liabilities in the asset, "Trustees' deferred compensation," and liability,

"Trustees' deferred compensation fees." Additionally, the recorded unrealized appreciation/(depreciation) is included in "Total distributable earnings (loss)" on the Statement of Assets and Liabilities. Deferred compensation expenses for the period ended June 30, 2022 are included in "Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$226,926 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2022.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or nonaffiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). The Adviser has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the period ended June 30, 2022 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

5. Federal Income Tax

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, net investment losses, and capital loss carryovers.

The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of June 30, 2022 are noted below. The primary differences between book and tax appreciation or depreciation of investments are wash sale loss deferrals and investments in partnerships.

	Unrealized	Unrealized	Net Ta	x Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 958,436,339	\$482,319,053	\$(77,930,241)	\$	404,388,812

Information on the tax components of derivatives as of June 30, 2022 is as follows:

	Unrealized	Unrealized	Net Tax	Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ -	\$ 139,685	\$ (146,193)	\$	(6,508)

Tax cost of investments and unrealized appreciation/(depreciation) may also include timing differences that do not constitute adjustments to tax basis.

Janus Henderson VIT Enterprise Portfolio

Notes to Financial Statements (unaudited)

6. Capital Share Transactions

	Period ended June 30, 2022		Year ended	December 31, 2021
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	398,149	\$ 36,009,249	602,536	\$ 58,816,227
Reinvested dividends and distributions	1,528,171	101,837,326	729,518	68,341,267
Shares repurchased	(609,235)	(54,271,991)	(2,155,678)	(210,283,939)
Net Increase/(Decrease)	1,317,085	\$ 83,574,584	(823,624)	\$ (83,126,445)
Service Shares:				
Shares sold	625,549	\$ 50,694,203	1,570,572	\$142,157,316
Reinvested dividends and distributions	2,501,781	150,632,250	1,055,689	91,137,615
Shares repurchased	(1,235,550)	(101,324,408)	(1,929,413)	(174,639,793)
Net Increase/(Decrease)	1,891,780	\$100,002,045	696,848	\$ 58,655,138

7. Purchases and Sales of Investment Securities

For the period ended June 30, 2022, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

		Purc	hases of Long-	Proceeds from Sal	les
Purchases of	Proceeds from Sales	Term U.	S. Government	of Long-Term U.	.S.
Securities	of Securities		Obligations	Government Obligatio	ns
\$119,128,706	\$ 167,269,808	\$	-	\$	-

8. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2022 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Janus Henderson VIT Enterprise Portfolio

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at http://www.sec.gov. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at http://www.sec.gov.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at http://www.sec.gov; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each fund of Janus Investment Fund (each, a "Fund," and collectively, the "Funds" and together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each Janus Henderson Fund that utilizes a subadviser.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received and reviewed information provided by Janus Henderson Investors US LLC (the "Adviser") and the subadviser in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At meetings held on November 3-4, 2021 and December 7-8, 2021, the Trustees' evaluated the information provided by the Adviser, the subadviser, and the independent fee consultant, as well as other information addressed during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by the Adviser, its affiliates and the subadviser, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment and unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2022 through February 1, 2023, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by the Adviser and the subadviser to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a quarterly

basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of the Adviser and the subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by the Adviser or the subadviser, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered the Adviser's role as administrator to the Janus Henderson Funds, noting that the Adviser generally does not receive a fee for its services as administrator, but is reimbursed for its out-of-pocket costs. The Trustees considered the role of the Adviser in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that the Adviser provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, the Adviser is a capable provider of those services. The independent fee consultant also provided its belief that the Adviser has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by the Adviser and the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that the Adviser and the subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and each had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2021, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2021, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.

- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser and subadviser had taken or were taking to improve performance.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by the Adviser out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by the Adviser to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by the Adviser. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 8% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 6% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic "focus list" analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the

independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by the Adviser and subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by the Adviser and subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser or subadviser (for which the Adviser or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that the Adviser noted that, under the terms of the management agreements with the Janus Henderson Funds, the Adviser performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, the Adviser assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, the Trustees noted that the independent fee consultant found that: (1) the management fees the Adviser charges to the Janus Henderson Funds are reasonable in relation to the management fees the Adviser charges to funds subadvised by the Adviser and to the fees the Adviser charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; and (4) as part of its 2020 review, 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2020, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses"):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.

• For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to the Adviser and its affiliates from their relationships with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to the Adviser from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether the Adviser and subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by the Adviser to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by the Adviser were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that the Adviser's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Fund's investment fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser and its affiliates, as well as the fees paid by the Adviser to the subadviser of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees the Adviser and the subadviser charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by the Adviser and subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by the Adviser.

Economies of Scale

The Trustees considered information about the potential for the Adviser to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 75% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. The Trustees also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of the Adviser, the Adviser is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (3) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by the Adviser and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at the Adviser, the Adviser's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, the Adviser appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Funds in light of any economies of scale that may be present at the Adviser.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between the Adviser and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to the Adviser

The Trustees also considered benefits that accrue to the Adviser and its affiliates and subadviser to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of the Adviser separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of the Adviser and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered the Adviser's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of the Adviser and/or the Adviser, and/or subadviser to a Janus Henderson Fund. The Trustees concluded that the Adviser's and the subadviser's use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by the Adviser and its affiliates and subadviser pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser and the subadviser may potentially benefit from their relationship with each other in other ways. They concluded that the Adviser and its affiliates share directly in economies of scale through the lower charges of thirdparty service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by the Adviser and its affiliates. They also concluded that the Adviser and the subadviser benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from the Adviser's and/or the subadviser's receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser and/or other clients of the subadviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser, the subadviser or other Janus Henderson funds, and that the success of the Adviser and the subadviser could enhance the Adviser's and the subadviser's ability to serve the Janus Henderson Funds.

Janus Henderson VIT Enterprise Portfolio

Liquidity Risk Management Program (unaudited)

Liquidity Risk Management Program

Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), requires open-end funds (but not money market funds) to adopt and implement a written liquidity risk management program (the "LRMP") that is reasonably designed to assess and manage liquidity risk, which is the risk that a fund could not meet redemption requests without significant dilution of remaining investors' interest in the fund. The Fund has implemented a LRMP, which incorporates the following elements: (i) assessment, management, and periodic review of liquidity risk; (ii) classification of portfolio holdings; (iii) the establishment and monitoring of a highly liquid investment minimum, as applicable; (iv) a 15% limitation on a Portfolio's illiquid investments; (v) redemptions in-kind; and (vi) board oversight.

The Trustees of the Portfolio (the "Trustees") have designated Janus Henderson Investors US LLC, the Portfolio's investment adviser (the "Adviser"), as the Program Administrator for the LRMP responsible for administering the LRMP and carrying out the specific responsibilities of the LRMP. A working group comprised of various teams within the Adviser's business is responsible for administering the LRMP and carrying out the specific responsibilities of different aspects of the LRMP (the "Liquidity Risk Working Group"). In assessing each Fund's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Fund's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Fund's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Fund's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Fund's use of borrowing for investment purposes; and (v) a Fund's use of derivatives.

The Liquidity Rule requires the Trustees to review at least annually a written report provided by the Program Administrator that addresses the operation of the LRMP and assesses its adequacy and the effectiveness of its implementation, including, if applicable, the operation of the highly liquid investment minimum, and any material changes to the LRMP (the "Program Administrator Report"). At a meeting held on March 16, 2022, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2021 through December 31, 2021 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. It noted that the Portfolio was able to meet redemptions during the normal course of business during the Reporting Period. The Program Administrator Report also stated that the Portfolio did not exceed the 15% limit on illiquid assets during the Reporting Period, that the Portfolio held primarily highly liquid assets, and was considered to be a primarily highly liquid fund during the Reporting Period. In addition, the Adviser expressed its belief in the Program Administrator Report that the LRMP is reasonably designed and adequate to assess and manage the Portfolio's liquidity risk, considering the Portfolio's particular risks and circumstances, and includes policies and procedures reasonably designed to implement each required component of the Liquidity Rule.

There can be no assurance that the LRMP will achieve its objectives in the future. Please refer to your Portfolio's prospectus for more information regarding the risks to which an investment in the Portfolio may be subject.

Janus Henderson VIT Enterprise Portfolio Useful Information About Your Portfolio Report (unaudited)

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of the Adviser and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Bloomberg and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

Janus Henderson VIT Enterprise Portfolio Useful Information About Your Portfolio Report (unaudited)

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

Janus Henderson VIT Enterprise Portfolio Useful Information About Your Portfolio Report (unaudited)

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio is traded once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson VIT Enterprise Portfolio Notes Janus Henderson VIT Enterprise Portfolio Notes Janus Henderson VIT Enterprise Portfolio Notes

Janus Henderson

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

Janus Henderson is a trademark of Janus Henderson Group plc or one of its subsidiaries. © Janus Henderson Group plc

Janus Henderson Distributors US LLC

Janus Henderson VIT Forty Portfolio

Janus Aspen Series

HIGHLIGHTS

- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings



Table of Contents

Janus Henderson VIT Forty Portfolio

Portfolio At A Glance and Schedule of Investments	1
Notes to Schedule of Investments and Other Information	9
Statement of Assets and Liabilities	10
Statement of Operations	11
Statements of Changes in Net Assets	12
Financial Highlights	13
Notes to Financial Statements	15
Additional Information	
Liquidity Risk Management Program	29
Useful Information About Your Fund Report	30

PORTFOLIO SNAPSHOT

Forty Fund is a concentrated large-cap growth fund, leveraging Janus Henderson's three decades of experience in high-conviction investing. By investing in our best wide-moat ideas, the Fund seeks to add excess return over the long term. Given its concentrated nature, the Fund may exhibit moderately higher volatility than its benchmark.



Janus Henderson VIT Forty Portfolio (unaudited) **Portfolio At A Glance** June 30, 2022

5 Top Contributors - Holdinas

5 Top Contributors - Holdings			5 Top Detractors - Holdings		
	Average Weight	Relative Contribution		Average Weight	Relative Contribution
Mastercard Inc	5.14%	0.46%	Snap Inc - Class A	2.61%	-1.55%
UnitedHealth Group Inc	2.48%	0.46%	Align Technology Inc	2.32%	-1.08%
American Tower Corp	2.90%	0.37%	Twilio Inc	1.68%	-0.92%
NVIDIA Corp	1.29%	0.28%	Workday Inc - Class A	2.74%	-0.59%
Procter & Gamble Co	1.75%	0.28%	Rivian Automotive Inc - Class A	0.62%	-0.54%

5 Top Contributors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Other**	0.35%	1.50%	0.00%
Real Estate	0.31%	2.90%	1.80%
Industrials	-0.04%	5.00%	6.24%
Financials	-0.14%	3.54%	2.51%
Energy	-0.21%	0.00%	0.51%

5 Top Detractors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Communication Services	-2.37%	14.18%	10.47%
Information Technology	-1.34%	36.72%	45.87%
Health Care	-0.89%	14.06%	9.07%
Consumer Discretionary	-0.75%	17.44%	17.95%
Consumer Staples	-0.54%	1.75%	4.53%

Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

Based on sector classification according to the Global Industry Classification Standard ("GICS") codes, which are the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

** Not a GICS classified sector.

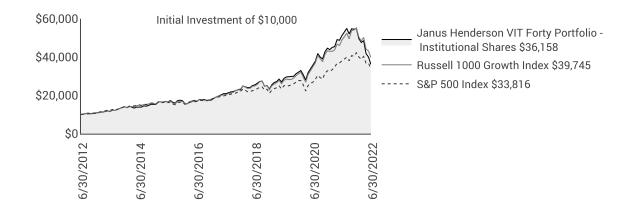
Janus Henderson VIT Forty Portfolio (unaudited) Portfolio At A Glance June 30, 2022

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	98.6%
Software	11.7%	Investment Companies	1.4%
Amazon.com Inc		Investments Purchased with Cash	
Internet & Direct Marketing Retail	8.0%	Collateral from Securities Lending	0.3%
Mastercard Inc		Other	(0.3)%
Information Technology Services	5.8%		100.0%
Alphabet Inc - Class C			
Interactive Media & Services	5.1%		
Apple Inc			
Technology Hardware, Storage & Peripherals	4.9%		
	35.5%		

Top Country Allocations - Long Positions - (% of Investment Securities)

As of June 30, 2022		As of December 31, 2	2021
United States		91.5% United States	92.0%
Netherlands	3.2%	Netherlands	3.1%
Australia	2.0%	France	1.7%
France	2.0%	Taiwan	1.5%
Taiwan	1.3%	Canada	0.8%
00	% 20% 40% 60% 80%	100% 04	L

Janus Henderson VIT Forty Portfolio (unaudited) Performance



Average Annual Total Return	Prospectus Expense Ratios					
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	-34.06%	-29.39%	11.58%	13.72%	11.31%	0.77%
Service Shares	-34.16%	-29.57%	11.30%	13.43%	11.00%	1.02%
Russell 1000 Growth Index	-28.07%	-18.77%	14.29%	14.80%	8.54%	
S&P 500 Index	-19.96%	-10.62%	11.31%	12.96%	8.38%	
Morningstar Quartile - Institutional Shares	-	4th	2nd	1st	1st	
Morningstar Ranking - based on total returns for Large Growth						
Funds	-	937/1,264	488/1,147	249/1,053	9/516	

I

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

This Portfolio has a performance-based management fee that may adjust up or down based on the Portfolio's performance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), Environmental, Social and Governance (ESG) factors, non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares, adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

© 2022 Morningstar, Inc. All Rights Reserved.

There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

See important disclosures on the next page.

Janus Henderson VIT Forty Portfolio (unaudited) Performance

See "Useful Information About Your Portfolio Report."

*The Portfolio's inception date - May 1 ,1997

‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

Janus Henderson VIT Forty Portfolio (unaudited) Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the sixmonths indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

		Actu	al	(5%			
	BeginningEndingExpensesAccountAccountPaid DuringValueValuePeriod(1/1/22)(6/30/22)(1/1/22 - 6/30/22)†		Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Net Annualized Expense Ratio (1/1/22 - 6/30/22)	
Institutional							
Shares	\$1,000.00	\$659.40	\$2.30	\$1,000.00	\$1,022.02	\$2.81	0.56%
Service Shares	\$1,000.00	\$658.40	\$3.29	\$1,000.00	\$1,020.83	\$4.01	0.80%

* Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Janus Henderson VIT Forty Portfolio Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks- 98.6% Automobiles - 0.5%		
Rivian Automotive Inc - Class A*, [#] Biotechnology – 3.7%	140,515	\$3,616,856
AbbVie Inc	191,511	29,331,825
Capital Markets – 2.9% Blackstone Group Inc	254,706	23,236,828
Chemicals – 1.8% Sherwin-Williams Co	61,784	13,834,055
Entertainment – 0.9% Walt Disney Co*	79,022	7,459,677
Equity Real Estate Investment Trusts (REITs) – 3.7% American Tower Corp	114,263	29,204,480
Health Care Equipment & Supplies – 9.1% Align Technology Inc*	48,189	11,404,891
Danaher Corp	139,453	35,354,125
DexCom Inc* Edwards Lifesciences Corp*	158,648 144,863	11,824,035 13,775,023
		72,358,074
Health Care Providers & Services – 2.8% UnitedHealth Group Inc	42,630	21,896,047
Hotels, Restaurants & Leisure – 0.6% Caesars Entertainment Inc*	125,382	4,802,131
Household Products – 1.0% Procter & Gamble Co	56,057	8,060,436
Information Technology Services – 7.9% Mastercard Inc	145,588	45,930,102
Square Inc*	61,836	3,800,441
Twilio Inc*	150,080	<u>12,578,205</u> 62,308,748
Interactive Media & Services – 10.9%	10,000	40.005.000
Alphabet Inc - Class C* Match Group Inc*	18,298 187,195	40,025,960 13,045,619
Meta Platforms Inc - Class A*	130,250	21,002,812
Snap Inc - Class A*	951,423	<u>12,492,184</u> 86,566,575
Internet & Direct Marketing Retail – 10.1%		
Amazon.com Inc* Booking Holdings Inc*	594,020 9,690	63,090,864 16,947,713
	9,090	80,038,577
Machinery – 3.2% Deere & Co	84,487	25,301,322
Metals & Mining – 1.0% Freeport-McMoRan Inc	276,834	8,100,163
Professional Services – 2.6%		
CoStar Group Inc* Semiconductor & Semiconductor Equipment – 8.0%	334,939	20,233,665
ASML Holding NV	53,776	25,590,923
NVIDIA Corp Taiwan Semiconductor Manufacturing Co Ltd (ADR)	58,131 124,088	8,812,078 10,144,194
Texas Instruments Inc	119,602	18,376,847
Software – 17.3%		62,924,042
Atlassian Corp PLC - Class A*	85,015	15,931,811
Microsoft Corp	361,707	92,897,209
Workday Inc - Class A*	200,044	27,922,141 136,751,161
Specialty Retail – 2.4% TJX Cos Inc	345,093	19,273,444
Technology Hardware, Storage & Peripherals – 4.9%	284,469	38,892,602
Apple Inc	204,409	30,092,002

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Forty Portfolio

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks- (continued)		
Textiles, Apparel & Luxury Goods – 3.3%		
LVMH Moet Hennessy Louis Vuitton SE	25,693	\$15,660,029
NIKE Inc - Class B	103,783	10,606,623
		26,266,652
Total Common Stocks (cost \$592,085,564)		780,457,360
Investment Companies- 1.4%		
Money Markets – 1.4%		
Janus Henderson Cash Liquidity Fund LLC, 1.3877% ^{°,£} (cost \$11,046,044)	11,045,374	11,046,479
Investments Purchased with Cash Collateral from Securities Lending- 0.3%		
Investment Companies – 0.3%		
Janus Henderson Cash Collateral Fund LLC, 1.3810% ^{∞,£}	2,259,476	2,259,476
Time Deposits – 0%		
Royal Bank of Canada, 1.5600%, 7/1/22	\$564,869	564,869
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$2,82	24,345)	2,824,345
Total Investments (total cost \$605,955,953) – 100.3%		794,328,184
Liabilities, net of Cash, Receivables and Other Assets – (0.3)%		(2,656,860)
Net Assets – 100%		\$791,671,324

Summary of Investments by Country - (Long Positions) (unaudited)

Country	Value	% of Investment Securities
United States	\$727,001,227	91.5%
Netherlands	25,590,923	3.2
Australia	15,931,811	2.0
France	15,660,029	2.0
Taiwan	10,144,194	1.3
Total	\$794,328,184	100.0 %

Janus Henderson VIT Forty Portfolio

Schedule of Investments (unaudited) June 30, 2022

Schedules of Affiliated Investments – (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/22
Investment Companies - 1.4% Money Markets - 1.4%						
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	\$	27,202	\$	(140)	\$ 435	\$ 11,046,479
Investments Purchased with Cash Collateral fr Investment Companies - 0.3%	om Securiti	es Lending - 0.3%	6			
Janus Henderson Cash Collateral Fund LLC, 1.3810%		37,439 [∆]		-	-	2,259,476
Total Affiliated Investments - 1.7%	\$	64,641	\$	(140)	\$ 435	\$ 13,305,955

	Value at 12/31/21	Purchases	Sales Proceeds	Value at 6/30/22
Investment Companies - 1.4% Money Markets - 1.4%				
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	14,134,404	115,057,147	(118,145,367)	11,046,479
Investments Purchased with Cash Collateral from Se Investment Companies - 0.3%	ecurities Lending - 0.3%			
Janus Henderson Cash Collateral Fund LLC, 1.3810% [®]	1,025,066	34,107,425	(32,873,015)	2,259,476

Offsetting of Financial Assets and Derivative Assets

	Gross Amounts of Recognized	Offsetting Asset	Collateral	
Counterparty	Assets	or Liability ^(a)	Pledged ^(b)	Net Amount
JPMorgan Chase Bank, National Association	\$ 2,712,636	\$ _	\$ (2,712,636) \$	_

(a) Represents the amount of assets or liabilities that could be offset with the same counterparty under master netting or similar agreements that management elects not to offset on the Statement of Assets and Liabilities.

(b) Collateral pledged is limited to the net outstanding amount due to/from an individual counterparty. The actual collateral amounts pledged may exceed these amounts and may fluctuate in value.

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Forty Portfolio Notes to Schedule of Investments and Other Information (unaudited)

Russell 1000 [®] Growth Index	Russell 1000 [®] Growth Index reflects the performance of U.S. large-cap equities with higher price-to-book ratios and higher forecasted growth values.
S&P 500 [®] Index	S&P 500 [®] Index reflects U.S. large-cap equity performance and represents broad U.S. equity market performance.
ADR	American Depositary Receipt
LLC	Limited Liability Company
PLC	Public Limited Company

- * Non-income producing security.
- ^{oo} Rate shown is the 7-day yield as of June 30, 2022.
- # Loaned security; a portion of the security is on loan at June 30, 2022.
- S The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.
- Δ Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties.

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of June 30, 2022. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	Level 1 -	Level 2 - Other Significant	Level 3 - Significant
	Quoted Prices	Observable Inputs	Unobservable Inputs
Assets			
Investments In Securities:			
Common Stocks	\$ 780,457,360	\$ -	\$ -
Investment Companies	-	11,046,479	-
Investments Purchased with Cash Collateral from Securities			
Lending	-	2,824,345	-
Total Assets	\$ 780,457,360	\$ 13,870,824	\$ -

Janus Henderson VIT Forty Portfolio Statement of Assets and Liabilities (unaudited) June 30, 2022

Assets:	
Unaffiliated investments, at value (cost \$592,650,433) ⁽¹⁾	\$ 781,022,229
Affiliated investments, at value (cost \$13,305,520)	13,305,955
Trustees' deferred compensation	23,135
Receivables:	
Portfolio shares sold	1,198,221
Investments sold	436,842
Dividends	373,517
Foreign tax reclaims	36,793
Dividends from affiliates	9,257
Other assets	3,854
Total Assets	796,409,803
iabilities:	
Due to custodian	629
Collateral for securities loaned (Note 2)	2,824,345
Payables:	
Portfolio shares repurchased	1,325,818
Advisory fees	307,282
12b-1 Distribution and shareholder servicing fees	98,988
Transfer agent fees and expenses	35,328
Professional fees	25,108
Trustees' deferred compensation fees	23,135
Trustees' fees and expenses	4,443
Custodian fees	2,856
Affiliated portfolio administration fees payable	1,693
Accrued expenses and other payables	88,854
Total Liabilities	4,738,479
Net Assets	\$ 791,671,324
Net Assets Consist of:	
Capital (par value and paid-in surplus)	\$ 581,751,536
Total distributable earnings (loss)	209,919,788
Total Net Assets	\$ 791,671,324
Net Assets - Institutional Shares	\$ 328,818,320
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	9,757,522
Net Asset Value Per Share	\$ 33.70
Net Assets - Service Shares	\$ 462,853,004
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	15,283,998
Net Asset Value Per Share	\$ 30.28

(1) Includes \$2,712,636 of securities on loan. See Note 2 in Notes to Financial Statements.

See Notes to Financial Statements.

Janus Henderson VIT Forty Portfolio Statement of Operations (unaudited) For the period ended June 30, 2022

Investment Income:	
Dividends	\$ 3,722,46
Affiliated securities lending income, net	37,43
Dividends from affiliates	27,20
Unaffiliated securities lending income, net	61
Foreign tax withheld	(87,177
Total Investment Income	3,700,53
Expenses:	01100100
Advisory fees	2,371,66
12b-1 Distribution and shareholder servicing fees:	2,01 1,00
Service Shares	705,40
Transfer agent administrative fees and expenses:	100,10
Institutional Shares	101,49
Service Shares	141,33
Other transfer agent fees and expenses:	141,00
Institutional Shares	5,63
Service Shares	3,84
Professional fees	21,76
Registration fees	13,86
Affiliated portfolio administration fees	12,14
Trustees' fees and expenses	9,28
Custodian fees	4,37
Shareholder reports expense	2,32
Other expenses	50,29
Total Expenses	3,443,41
Net Investment Income/(Loss)	257,11
Net Realized Gain/(Loss) on Investments:	207,11
Investments and foreign currency transactions	23,523,36
Investments in affiliates	(140
Total Net Realized Gain/(Loss) on Investments	23,523,22
Change in Unrealized Vallet Appreciation/Depreciation:	20,020,22
Investments, foreign currency translations and Trustees' deferred compensation	(439,406,864
Investments, foreign currency translations and musices defended compensation	439,400,002
Total Change in Unrealized Net Appreciation/Depreciation	(439,406,429
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ (415,626,082
Methodeaser (Decleaser in Met Assels Resulting non Operations	Φ (410,020,002

Janus Henderson VIT Forty Portfolio Statements of Changes in Net Assets

	Period ended	
	June 30, 2022	Year ended
	(unaudited)	December 31, 2021
Operations:		
Net investment income/(loss)	\$ 257,118	\$ (4,701,680)
Net realized gain/(loss) on investments	23,523,229	149,827,984
Change in unrealized net appreciation/depreciation	(439,406,429)	94,109,183
Net Increase/(Decrease) in Net Assets Resulting from Operations	(415,626,082)	239,235,487
Dividends and Distributions to Shareholders:		
Institutional Shares	(57,213,426)	(57,583,957)
Service Shares	(87,790,728)	(86,533,730)
Net Decrease from Dividends and Distributions to Shareholders	(145,004,154)	(144,117,687)
Capital Share Transactions:		
Institutional Shares	35,801,969	17,956,305
Service Shares	73,752,633	33,063,766
Net Increase/(Decrease) from Capital Share Transactions	109,554,602	51,020,071
Net Increase/(Decrease) in Net Assets	(451,075,634)	146,137,871
Net Assets:		
Beginning of period	1,242,746,958	1,096,609,087
End of period	\$ 791,671,324	\$ 1,242,746,958

See Notes to Financial Statements.

Janus Henderson VIT Forty Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$61.75	\$57.00	\$44.38	\$35.20	\$39.76	\$32.19
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.05	(0.15)	(0.01)	0.09	0.07	0.02
Net realized and unrealized gain/(loss)	(21.03)	12.39	16.29	12.55	1.31	9.58
Total from Investment Operations	(20.98)	12.24	16.28	12.64	1.38	9.60
Less Dividends and Distributions:						
Dividends (from net investment income)	—	_	(0.14)	(0.06)	—	—
Distributions (from capital gains)	(7.07)	(7.49)	(3.52)	(3.40)	(5.94)	(2.03)
Total Dividends and Distributions	(7.07)	(7.49)	(3.66)	(3.46)	(5.94)	(2.03)
Net Asset Value, End of Period	\$33.70	\$61.75	\$57.00	\$44.38	\$35.20	\$39.76
Total Return*	(34.06)%	22.90%	39.40%	37.16%	1.98%	30.31%
Net Assets, End of Period (in thousands)	\$328,818	\$523,822	\$462,216	\$362,001	\$292,132	\$309,258
Average Net Assets for the Period (in thousands)	\$415,161	\$497,818	\$389,419	\$337,416	\$327,962	\$297,125
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.56%	0.77%	0.76%	0.77%	0.71%	0.82%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.56%	0.77%	0.76%	0.77%	0.71%	0.82%
Ratio of Net Investment Income/(Loss)	0.19%	(0.25)%	(0.02)%	0.23%	0.17%	0.05%
Portfolio Turnover Rate	16%	31%	41%	35%	41%	39%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

Janus Henderson VIT Forty Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

i of a offair of outcoal fairing and political offair of off						
2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$56.64	\$52.96	\$41.53	\$33.15	\$37.84	\$30.79
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	(0.01)	(0.28)	(0.12)	(0.01)	(0.03)	(0.07)
Net realized and unrealized gain/(loss)	(19.28)	11.45	15.15	11.80	1.28	9.15
Total from Investment Operations	(19.29)	11.17	15.03	11.79	1.25	9.08
Less Dividends and Distributions:						
Dividends (from net investment income)	_	_	(0.08)	(0.01)	_	_
Distributions (from capital gains)	(7.07)	(7.49)	(3.52)	(3.40)	(5.94)	(2.03)
Total Dividends and Distributions	(7.07)	(7.49)	(3.60)	(3.41)	(5.94)	(2.03)
Net Asset Value, End of Period	\$30.28	\$56.64	\$52.96	\$41.53	\$33.15	\$37.84
Total Return*	(34.16)%	22.60%	39.03%	36.85%	1.72%	29.99%
Net Assets, End of Period (in thousands)	\$462,853	\$718,925	\$634,393	\$525,112	\$427,321	\$466,969
Average Net Assets for the Period (in thousands)	\$578,000	\$686,446	\$548,645	\$495,465	\$487,559	\$457,168
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.80%	1.02%	1.01%	1.02%	0.96%	1.06%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.80%	1.02%	1.01%	1.02%	0.96%	1.06%
Ratio of Net Investment Income/(Loss)	(0.05)%	(0.50)%	(0.27)%	(0.02)%	(0.08)%	(0.19)%
Portfolio Turnover Rate	16%	31%	41%	35%	41%	39%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

14 JUNE 30, 2022

Janus Henderson VIT Forty Portfolio

Notes to Financial Statements (unaudited)

1. Organization and Significant Accounting Policies

Janus Henderson VIT Forty Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term growth of capital. The Portfolio is classified as nondiversified, as defined in the 1940 Act. Janus Henderson Investors US LLC is the investment adviser (the "Adviser") to the Portfolio.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are generally valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-thecounter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market guotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of June 30, 2022 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Non-cash dividends, if any, are recorded on the ex-dividend date at fair value. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Janus Henderson VIT Forty Portfolio

Notes to Financial Statements (unaudited)

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Foreign Currency Translations

The Portfolio does not isolate that portion of the results of operations resulting from the effect of changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held at the date of the financial statements. Net unrealized appreciation or depreciation of investments and foreign currency translations arise from changes in the value of assets and liabilities, including investments in securities held at the date of the financial statements, resulting from changes in the exchange rates and changes in market prices of securities held.

Currency gains and losses are also calculated on payables and receivables that are denominated in foreign currencies. The payables and receivables are generally related to foreign security transactions and income translations.

Foreign currency-denominated assets and forward currency contracts may involve more risks than domestic transactions, including currency risk, counterparty risk, political and economic risk, regulatory risk and equity risk. Risks may arise from unanticipated movements in the value of foreign currencies relative to the U.S. dollar.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Other Investments and Strategies

Additional Investment Risk

In response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, including those which may be attributable to global climate change, such as earthquakes, fires, floods, hurricanes, tsunamis and weather-related phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Portfolio's investments. Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United

States. These disruptions could prevent a Portfolio from executing advantageous investment decisions in a timely manner and negatively impact a Portfolio's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Portfolio. In addition, these disruptions could also impair the information technology and other operational systems upon which the Portfolio's service providers, including the Adviser or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Portfolio's service providers to perform essential tasks on behalf of the Portfolio. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. Among other things, these developments have adversely affected the value and exchange rate of the euro and pound sterling, and may continue to significantly affect the economies of all EU countries, which in turn may have a material adverse effect on the Portfolio's investments in such countries, other countries that depend on EU countries for significant amounts of trade or investment, or issuers with exposure to debt issued by certain EU countries.

Counterparties

Portfolio transactions involving a counterparty are subject to the risk that the counterparty or a third party will not fulfill its obligation to the Portfolio ("counterparty risk"). Counterparty risk may arise because of the counterparty's financial condition (i.e., financial difficulties, bankruptcy, or insolvency), market activities and developments, or other reasons, whether foreseen or not. A counterparty's inability to fulfill its obligation may result in significant financial loss to the Portfolio. The Portfolio may be unable to recover its investment from the counterparty or may obtain a limited recovery, and/or recovery may be delayed. The extent of the Portfolio's exposure to counterparty risk with respect to financial assets and liabilities approximates its carrying value.

The Portfolio may be exposed to counterparty risk through participation in various programs, including, but not limited to, lending its securities to third parties, cash sweep arrangements whereby the Portfolio's cash balance is invested in one or more types of cash management vehicles, as well as investments in, but not limited to, repurchase agreements, debt securities, and derivatives, including various types of swaps, futures and options. The Portfolio intends to enter into financial transactions with counterparties that the Adviser believes to be creditworthy at the time of the transaction. There is always the risk that the Adviser's analysis of a counterparty's creditworthiness is incorrect or may change due to market conditions. To the extent that the Portfolio focuses its transactions with a limited number of counterparties, it will have greater exposure to the risks associated with one or more counterparties.

Offsetting Assets and Liabilities

The Portfolio presents gross and net information about transactions that are either offset in the financial statements or subject to an enforceable master netting arrangement or similar agreement with a designated counterparty, regardless of whether the transactions are actually offset in the Statement of Assets and Liabilities.

The Offsetting Assets and Liabilities table located in the Schedule of Investments presents gross amounts of recognized assets and/or liabilities and the net amounts after deducting collateral that has been pledged by counterparties or has been pledged to counterparties (if applicable). For corresponding information grouped by type of instrument, see the Portfolio's Schedule of Investments.

JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. Securities on Ioan will be continuously secured by collateral which

may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the Securities and Exchange Commission (the "SEC"). See "Securities Lending" in the "Notes to Financial Statements" for additional information.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Securities Lending

Under procedures adopted by the Trustees, the Portfolio may seek to earn additional income by lending securities to certain qualified broker-dealers and institutions. JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. The Portfolio may lend portfolio securities in an amount equal to up to 1/3 of its total assets as determined at the time of the loan origination. There is the risk of delay in recovering a loaned security or the risk of loss in collateral rights if the borrower fails financially. In addition, the Adviser makes efforts to balance the benefits and risks from granting such loans. All loans will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the SEC. If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio. In certain circumstances individual loan transactions could yield negative returns.

Upon receipt of cash collateral, the Adviser may invest it in affiliated or non-affiliated cash management vehicles, whether registered or unregistered entities, as permitted by the 1940 Act and rules promulgated thereunder. The Adviser currently intends to primarily invest the cash collateral in a cash management vehicle for which the Adviser serves as investment adviser, Janus Henderson Cash Collateral Fund LLC, or in time deposits. An investment in Janus Henderson Cash Collateral Fund LLC is generally subject to the same risks that shareholders experience when investing in similarly structured vehicles, such as the potential for significant fluctuations in assets as a result of the purchase and redemption activity of the securities lending program, a decline in the value of the collateral, and possible liquidity issues. Such risks may delay the return of the cash collateral and cause the Portfolio to violate its agreement to return the cash collateral to a borrower in a timely manner. As adviser to the Portfolio and Janus Henderson Cash Collateral Fund LLC, the Adviser has an inherent conflict of interest as a result of its fiduciary duties to both the Portfolio and Janus Henderson Cash Collateral Fund LLC. Additionally, the Adviser receives an investment advisory fee of 0.05% for managing Janus Henderson Cash Collateral Fund LLC, but it may not receive a fee for managing certain other affiliated cash management vehicles in which the Portfolio may invest, and therefore may have an incentive to allocate preferred investment opportunities to investment vehicles for which it is receiving a fee.

The value of the collateral must be at least 102% of the market value of the loaned securities that are denominated in U.S. dollars and 105% of the market value of the loaned securities that are not denominated in U.S. dollars. Loaned securities and related collateral are marked-to-market each business day based upon the market value of the loaned securities at the close of business, employing the most recent available pricing information. Collateral levels are then adjusted based on this mark-to-market evaluation. Additional required collateral, or excess collateral returned, is delivered on the next business day. Therefore, the value of the collateral held may be temporarily less than 102% or 105% value of the securities on loan. The cash collateral invested by the Adviser is disclosed in the Schedule of Investments (if applicable).

Income earned from the investment of the cash collateral, net of rebates paid to, or fees paid by, borrowers and less the fees paid to the lending agent are included as "Affiliated securities lending income, net" on the Statement of Operations. As of June 30, 2022, securities lending transactions accounted for as secured borrowings with an overnight and

continuous contractual maturity are \$2,712,636. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2022 is \$2,824,345, resulting in the net amount due to the counterparty of \$111,709.

3. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays the Adviser an investment advisory fee rate that may adjust up or down based on the Portfolio's performance relative to its benchmark index.

The investment advisory fee rate paid to the Adviser by the Portfolio consists of two components: (1) a base fee calculated by applying the contractual fixed rate of the advisory fee to the Portfolio's average daily net assets during the previous month (the "Base Fee Rate"), plus or minus (2) a performance-fee adjustment (the "Performance Adjustment") calculated by applying a variable rate of up to 0.15% (positive or negative) to the Portfolio's average daily net assets based on the Portfolio's relative performance compared to the cumulative investment record of its benchmark index over a 36-month performance measurement period or shorter time period, as applicable. The investment advisory fee rate is calculated daily and paid monthly.

The investment performance of the Portfolio's Service Shares for the performance measurement period is used to calculate the Performance Adjustment. The Portfolio's Base Fee Rate prior to any performance adjustment (expressed as an annual rate) is 0.64%, and the Portfolio's benchmark index used in the calculation is the Russell 1000[®] Growth Index.

No Performance Adjustment is applied unless the difference between the Portfolio's investment performance and the cumulative investment record of the Portfolio's benchmark index is 0.50% or greater (positive or negative) during the applicable performance measurement period. The Base Fee Rate is subject to an upward or downward Performance Adjustment for every full 0.50% increment by which the Portfolio outperforms or underperforms its benchmark index, up to the Portfolio's full performance rate of ±8.50%. Because the Performance Adjustment is tied to a Portfolio's relative performance compared to its benchmark index (and not its absolute performance), the Performance Adjustment could increase the Adviser's fee even if the Portfolio's Shares lose value during the performance measurement period and could decrease the Adviser's fee even if the Portfolio's Shares increase in value during the performance measurement period. For purposes of computing the Base Fee Rate and the Performance Adjustment, net assets are averaged over different periods (average daily net assets during the previous month for the Base Fee Rate, versus average daily net assets during the performance Adjustment). Performance of the Portfolio is calculated net of expenses whereas the Portfolio's benchmark index does not have any fees or expenses. Reinvestment of dividends and distributions is included in calculating both the performance of a Portfolio and the Portfolio's benchmark index.

The Portfolio's prospectuses and statement(s) of additional information contain additional information about performance-based fees. The amount shown as advisory fees on the Statement of Operations reflects the Base Fee Rate plus/minus any Performance Adjustment. For the period ended June 30, 2022, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.48%.

The Adviser serves as administrator to the Portfolio pursuant to an administration agreement between the Adviser and the Trust. Under the administration agreement, the Adviser is authorized to perform, or cause others to perform certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent the Adviser seeks reimbursement and such costs are not otherwise waived). In addition, employees of the Adviser and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of the Adviser employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by the Adviser, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services the Adviser (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as "Affiliated portfolio administration fees" on the Statement of Operations. In addition, some expenses related to compensation payable to the Portfolio's Chief Compliance Officer and certain compliance staff, all of whom are employees of the Adviser and/or its affiliates, are shared with the Portfolio. Total compensation of \$26,340 was paid to the Chief Compliance Officer and certain compliance 30, 2022. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

Janus Henderson Services US LLC (the "Transfer Agent"), a wholly-owned subsidiary of the Adviser, is the Portfolio's transfer agent. The Transfer Agent receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including, but not limited to, recordkeeping, subaccounting, answering inquiries regarding accounts, order processing, transaction confirmations, the mailing of prospectuses and shareholder reports, and other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. The Transfer Agent expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio.

The Transfer Agent is not compensated for internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as "Other transfer agent fees and expenses" on the Statement of Operations.

Under a distribution and shareholder servicing plan (the "Plan") adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust's distributor, Janus Henderson Distributors US LLC (the "Distributor"), a wholly-owned subsidiary of the Adviser, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to the Distributor for remittance to insurance companies and qualified plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as "12b-1 Distribution and shareholder servicing fees" on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the "Deferred Plan") for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2022 on the Statement of Assets and Liabilities in the asset, "Trustees' deferred compensation estimation," and liability, "Trustees' deferred compensation fees." Additionally, the recorded unrealized appreciation/(depreciation) is included in "Total distributable earnings (loss)" on the Statement of Assets and Liabilities. Deferred compensation expenses for the period ended June 30, 2022 are included in "Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$226,926 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2022.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or nonaffiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). The Adviser has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the period ended June 30, 2022 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

Janus Henderson VIT Forty Portfolio

Notes to Financial Statements (unaudited)

4. Federal Income Tax

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, net investment losses, and capital loss carryovers.

The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of June 30, 2022 are noted below. The primary differences between book and tax appreciation and depreciation of investments are wash sale loss deferrals and investments in partnerships.

	Unrealized	Unrealized	Net	Tax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 610,146,803	\$281,009,281	\$(96,827,900)	\$	184,181,381

5. Capital Share Transactions

	Period ended June 30, 2022		Year ended l	December 31, 2021
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	320,939	\$15,595,555	616,212	\$ 36,999,487
Reinvested dividends and distributions	1,684,234	57,213,426	1,032,896	57,583,957
Shares repurchased	(730,805)	(37,007,012)	(1,275,262)	(76,627,139)
Net Increase/(Decrease)	1,274,368	\$35,801,969	373,846	\$ 17,956,305
Service Shares:				
Shares sold	717,336	\$31,630,356	1,062,017	\$ 58,666,038
Reinvested dividends and distributions	2,875,556	87,790,728	1,689,782	86,533,730
Shares repurchased	(1,002,396)	(45,668,451)	(2,037,017)	(112,136,002)
Net Increase/(Decrease)	2,590,496	\$73,752,633	714,782	\$ 33,063,766

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2022, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

		Purchases	s of Long-	Proceeds	s from Sales
Purchases of	Proceeds from Sales	Term U.S. Go	vernment	of Lon	g-Term U.S.
Securities	of Securities	O	bligations	Government	Obligations
\$158,009,590	\$ 191,174,210	\$	-	\$	-

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2022 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Janus Henderson VIT Forty Portfolio

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at http://www.sec.gov. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at http://www.sec.gov.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at http://www.sec.gov; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each fund of Janus Investment Fund (each, a "Fund," and collectively, the "Funds" and together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each Janus Henderson Fund that utilizes a subadviser.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received and reviewed information provided by Janus Henderson Investors US LLC (the "Adviser") and the subadviser in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At meetings held on November 3-4, 2021 and December 7-8, 2021, the Trustees' evaluated the information provided by the Adviser, the subadviser, and the independent fee consultant, as well as other information addressed during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by the Adviser, its affiliates and the subadviser, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment and unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2022 through February 1, 2023, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by the Adviser and the subadviser to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a quarterly

basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of the Adviser and the subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by the Adviser or the subadviser, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered the Adviser's role as administrator to the Janus Henderson Funds, noting that the Adviser generally does not receive a fee for its services as administrator, but is reimbursed for its out-of-pocket costs. The Trustees considered the role of the Adviser in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that the Adviser provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, the Adviser is a capable provider of those services. The independent fee consultant also provided its belief that the Adviser has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by the Adviser and the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that the Adviser and the subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and each had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2021, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2021, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.

- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser and subadviser had taken or were taking to improve performance.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by the Adviser out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by the Adviser to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by the Adviser. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 8% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 6% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic "focus list" analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the

independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by the Adviser and subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by the Adviser and subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser or subadviser (for which the Adviser or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that the Adviser noted that, under the terms of the management agreements with the Janus Henderson Funds, the Adviser performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, the Adviser assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, the Trustees noted that the independent fee consultant found that: (1) the management fees the Adviser charges to the Janus Henderson Funds are reasonable in relation to the management fees the Adviser charges to funds subadvised by the Adviser and to the fees the Adviser charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; and (4) as part of its 2020 review, 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2020, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses"):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.

• For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to the Adviser and its affiliates from their relationships with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to the Adviser from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether the Adviser and subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by the Adviser to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by the Adviser were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that the Adviser's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Fund's investment feec.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser and its affiliates, as well as the fees paid by the Adviser to the subadviser of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees the Adviser and the subadviser charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by the Adviser and subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by the Adviser.

Economies of Scale

The Trustees considered information about the potential for the Adviser to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 75% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. The Trustees also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of the Adviser, the Adviser is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (3) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by the Adviser and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at the Adviser, the Adviser's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, the Adviser appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Funds in light of any economies of scale that may be present at the Adviser.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between the Adviser and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to the Adviser

The Trustees also considered benefits that accrue to the Adviser and its affiliates and subadviser to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of the Adviser separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of the Adviser and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered the Adviser's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of the Adviser and/or the Adviser, and/or subadviser to a Janus Henderson Fund. The Trustees concluded that the Adviser's and the subadviser's use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by the Adviser and its affiliates and subadviser pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser and the subadviser may potentially benefit from their relationship with each other in other ways. They concluded that the Adviser and its affiliates share directly in economies of scale through the lower charges of thirdparty service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by the Adviser and its affiliates. They also concluded that the Adviser and the subadviser benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from the Adviser's and/or the subadviser's receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser and/or other clients of the subadviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser, the subadviser or other Janus Henderson funds, and that the success of the Adviser and the subadviser could enhance the Adviser's and the subadviser's ability to serve the Janus Henderson Funds.

Janus Henderson VIT Forty Portfolio Liquidity Risk Management Program (unaudited)

Liquidity Risk Management Program

Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), requires open-end funds (but not money market funds) to adopt and implement a written liquidity risk management program (the "LRMP") that is reasonably designed to assess and manage liquidity risk, which is the risk that a fund could not meet redemption requests without significant dilution of remaining investors' interest in the fund. The Fund has implemented a LRMP, which incorporates the following elements: (i) assessment, management, and periodic review of liquidity risk; (ii) classification of portfolio holdings; (iii) the establishment and monitoring of a highly liquid investment minimum, as applicable; (iv) a 15% limitation on a Portfolio's illiquid investments; (v) redemptions in-kind; and (vi) board oversight.

The Trustees of the Portfolio (the "Trustees") have designated Janus Henderson Investors US LLC, the Portfolio's investment adviser (the "Adviser"), as the Program Administrator for the LRMP responsible for administering the LRMP and carrying out the specific responsibilities of the LRMP. A working group comprised of various teams within the Adviser's business is responsible for administering the LRMP and carrying out the specific responsibilities of different aspects of the LRMP (the "Liquidity Risk Working Group"). In assessing each Fund's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Fund's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Fund's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Fund's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Fund's use of borrowing for investment purposes; and (v) a Fund's use of derivatives.

The Liquidity Rule requires the Trustees to review at least annually a written report provided by the Program Administrator that addresses the operation of the LRMP and assesses its adequacy and the effectiveness of its implementation, including, if applicable, the operation of the highly liquid investment minimum, and any material changes to the LRMP (the "Program Administrator Report"). At a meeting held on March 16, 2022, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2021 through December 31, 2021 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. It noted that the Portfolio was able to meet redemptions during the normal course of business during the Reporting Period. The Program Administrator Report also stated that the Portfolio did not exceed the 15% limit on illiquid assets during the Reporting Period, that the Portfolio held primarily highly liquid assets, and was considered to be a primarily highly liquid fund during the Reporting Period. In addition, the Adviser expressed its belief in the Program Administrator Report that the LRMP is reasonably designed and adequate to assess and manage the Portfolio's liquidity risk, considering the Portfolio's particular risks and circumstances, and includes policies and procedures reasonably designed to implement each required component of the Liquidity Rule.

There can be no assurance that the LRMP will achieve its objectives in the future. Please refer to your Portfolio's prospectus for more information regarding the risks to which an investment in the Portfolio may be subject.

Janus Henderson VIT Forty Portfolio Useful Information About Your Portfolio Report (unaudited)

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of the Adviser and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Bloomberg and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

Janus Henderson VIT Forty Portfolio Useful Information About Your Portfolio Report (unaudited)

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

Janus Henderson VIT Forty Portfolio Useful Information About Your Portfolio Report (unaudited)

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio is traded once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson VIT Forty Portfolio Notes

Janus Henderson

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

Janus Henderson is a trademark of Janus Henderson Group plc or one of its subsidiaries. © Janus Henderson Group plc

Janus Henderson Distributors US LLC

SEMIANNUAL REPORT June 30, 2022

Janus Henderson VIT Global Research Portfolio

Janus Aspen Series

HIGHLIGHTS

- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings



Table of Contents

Janus Henderson VIT Global Research Portfolio

Portfolio At A Glance and Schedule of Investments	1
Notes to Schedule of Investments and Other Information	11
Statement of Assets and Liabilities	12
Statement of Operations	13
Statements of Changes in Net Assets	14
Financial Highlights	15
Notes to Financial Statements	17
Additional Information	25
Liquidity Risk Management Program	31
Useful Information About Your Fund Report	32

PORTFOLIO SNAPSHOT

By investing in the best ideas from each global research sector team, this global large-cap growth fund seeks longterm growth of capital. Our analysts scour the globe to identify industry-leading companies with brand power, enduring business models and strong competitive positioning.

Team-Based Approach Led by Matthew Peron, Director of Research

Janus Henderson VIT Global Research Portfolio (unaudited) Portfolio At A Glance

June 30, 2022

5 Top Contributors - Holding	S		5 Top Detractors - Holdings		
	Average Weight	Relative Contribution		Average Weight	Relative Contribution
Canadian Natural Resources Ltd	1.33%	0.41%	ASML Holding NV	2.44%	-0.46%
Suncor Energy Inc	0.90%	0.35%	Ferguson PLC	2.00%	-0.36%
Marathon Petroleum Corp	1.07%	0.34%	Uber Technologies Inc	0.80%	-0.28%
Teck Resources Ltd	1.20%	0.31%	Workday Inc - Class A	0.81%	-0.25%
AstraZeneca PLC	1.44%	0.30%	NVIDIA Corp	1.69%	-0.24%

3 Top Contributors - Sectors*

	Relative Contribution	Portfolio Average Weight	MSCI World Index Average Weight
Energy	0.46%	7.62%	7.39%
Healthcare	0.32%	13.62%	13.07%
Other**	-0.01%	0.30%	0.00%

5 Top Detractors - Sectors*

	Relative	Portfolio	MSCI World Index
	Contribution	Average Weight	Average Weight
Industrials	-0.83%	17.12%	17.15%
Communications	-0.72%	8.82%	9.31%
Technology	-0.56%	18.69%	19.01%
Consumer	-0.44%	15.58%	15.64%
Financials	-0.21%	18.25%	18.38%

Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

* The sectors listed above reflect those covered by the six analyst teams who comprise the Janus Henderson Research Team.

** Not a GICS classified sector.

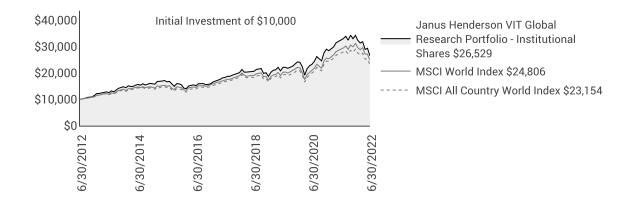
Janus Henderson VIT Global Research Portfolio (unaudited) Portfolio At A Glance June 30, 2022

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	99.6%
Software	5.1%	Preferred Stocks	0.3%
Apple Inc		Investment Companies	0.1%
Technology Hardware, Storage & Peripherals	3.8%	Other	0.0%
Alphabet Inc - Class C			100.0%
Interactive Media & Services	3.7%		
Amazon.com Inc			
Internet & Direct Marketing Retail	2.9%		
Constellation Brands Inc			
Beverages	2.3%		
	17.8%		

Top Country Allocations - Long Positions - (% of Investment Securities)

As of June 30, 2022	As of December 31, 2021			
United States		68.5% Uni	ted States	69.6%
France	5.7%		France 5.2%	
United Kingdom	4.2%	United	Kingdom 4.1%	
Canada	4.1%	Ne	etherlands 4.1%	
Netherlands	3.6%		Canada 2.9%	
0	% 20% 40% 60%	80%	0% 20% 40%	60% 80%

Janus Henderson VIT Global Research Portfolio (unaudited) Performance



Average Annual Total Return - for the periods ended June 30, 2022						Prospectus Expense Ratios
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	-22.55%	-18.79%	7.76%	10.25%	8.10%	0.77%
Service Shares	-22.65%	-18.99%	7.49%	9.97%	7.83%	1.02%
MSCI World Index	-20.51%	-14.34%	7.67%	9.51%	7.02%	
MSCI All Country World Index	-20.18%	-15.75%	7.00%	8.76%	N/A**	
Morningstar Quartile - Institutional Shares	-	1st	Зrd	2nd	2nd	
Morningstar Ranking - based on total returns for World Large Stock						
Funds	-	57/368	144/297	95/245	55/89	

I

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

This Portfolio has a performance-based management fee that may adjust up or down based on the Portfolio's performance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), Environmental, Social and Governance (ESG) factors, non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

© 2022 Morningstar, Inc. All Rights Reserved.

There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

See important disclosures on the next page.

Janus Henderson VIT Global Research Portfolio (unaudited) Performance

See "Useful Information About Your Portfolio Report."

- *The Portfolio's inception date September 13, 1993
- **Since inception return is not shown for the index because the index's inception date differs significantly from the Portfolio's inception date.
- ‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

Janus Henderson VIT Global Research Portfolio (unaudited) Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the sixmonths indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

	Actual			Hypothetical (5% return before expenses)			
	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Net Annualized Expense Ratio (1/1/22 - 6/30/22)
Institutional							
Shares	\$1,000.00	\$774.50	\$2.82	\$1,000.00	\$1,021.62	\$3.21	0.64%
Service Shares	\$1,000.00	\$773.50	\$3.87	\$1,000.00	\$1,020.43	\$4.41	0.88%

* Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments (unaudited) June 30, 2022

	Shares	Value
Common Stocks– 99.6%		
Aerospace & Defense – 1.1% Airbus SE	74,146	\$7,182,462
Air Freight & Logistics – 1.6%		
United Parcel Service Inc Airlines – 0.5%	57,790	10,548,987
Ryanair Holdings PLC (ADR)*	51,793	3,483,079
Auto Components – 0.5%	00.010	0.000.050
Aptiv PLC* Automobiles – 0.6%	36,610	3,260,853
Tesla Inc*	5,551	3,738,154
Banks – 4.8% BNP Paribas SA	114,300	5,433,076
Citigroup Inc	117,744	5,415,047
HDFC Bank Ltd	126,108	2,152,703
JPMorgan Chase & Co Toronto-Dominion Bank/The	123,127 89,403	13,865,331 5,863,642
	00,400	32,729,799
Beverages – 4.1%	05 401	15.001.000
Constellation Brands Inc Pernod Ricard SA	65,481 69,769	15,261,002 12,815,132
		28,076,134
Biotechnology – 2.8%	62.001	0 700 220
AbbVie Inc Ascendis Pharma A/S (ADR)*	63,981 15,530	9,799,330 1,443,669
Sarepta Therapeutics Inc*	24,178	1,812,383
Vertex Pharmaceuticals Inc*	20,238	5,702,866
Building Products – 1.7%		18,758,248
Assa Abloy AB	262,487	5,578,767
Daikin Industries Ltd	36,400	5,835,913
Capital Markets – 4.1%		11,414,680
Blackstone Group Inc	57,523	5,247,823
Charles Schwab Corp	86,639	5,473,852
London Stock Exchange Group PLC LPL Financial Holdings Inc	26,474 21,801	2,459,131 4,021,848
Morgan Stanley	91,866	6,987,328
State Street Corp	54,103	3,335,450
Chemicals – 0.8%		27,525,432
Sherwin-Williams Co	23,551	5,273,304
Consumer Finance – 1.3%	20.000	
Capital One Financial Corp Nexi SpA (144A)*	36,226 225,840	3,774,387 1,870,365
OneMain Holdings Inc	77,739	2,905,884
		8,550,636
Diversified Financial Services – 0.7% Apollo Global Management Inc	93,785	4,546,697
Electric Utilities – 0.3%		1,0 10,001
NextEra Energy Inc	23,093	1,788,784
Electronic Equipment, Instruments & Components – 1.2% Hexagon AB - Class B	761,309	7,911,532
Entertainment – 2.4%	·	
Liberty Media Corp-Liberty Formula One*	160,921	10,213,656
Nintendo Co Ltd Sea Ltd (ADR)*	9,300 32,767	4,022,733 2,190,802
	02,101	16,427,191
Equity Real Estate Investment Trusts (REITs) – 0.8%	01.001	
American Tower Corp	21,901	5,597,677

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments (unaudited) June 30, 2022

	Shares	Value
Common Stocks– (continued) Health Care Equipment & Supplies – 2.7%		
Abbott Laboratories	25,212	\$2,739,284
Boston Scientific Corp*	118,473	4,415,489
Danaher Corp Dentsply Sirona Inc	8,314 49,888	2,107,765 1,782,498
Derrispij Silona inc DexCom Inc*	21,745	1,620,655
Edwards Lifesciences Corp*	37,027	3,520,897
Stryker Corp	11,196	<u>2,227,220</u> 18,413,808
Health Care Providers & Services – 1.8%		
Centene Corp*	55,618	4,705,839
Humana Inc UnitedHealth Group Inc	10,642 4,980	4,981,201 2,557,877
onned really droup me	4,900	12,244,917
Hotels, Restaurants & Leisure – 2.5% Entain PLC*	404,842	6,134,492
McDonald's Corp	33,226	8,202,835
Sands China Ltd*	1,096,800	2,616,687
		16,954,014
Independent Power and Renewable Electricity Producers – 1.6% NRG Energy Inc	150,928	5,760,922
Vistra Energy Corp	217,566	4,971,383
	·	10,732,305
Information Technology Services – 4.8% Fidelity National Information Services Inc	53,940	4,944,680
Global Payments Inc	36,979	4,091,357
Mastercard Inc	38,492	12,143,456
Visa Inc	58,307	11,480,065
Insurance – 2.6%		32,659,558
AIA Group Ltd	442,600	4,797,381
Aon PLC - Class A	11,970	3,228,070
Beazley PLC Progressive Corp/The	259,965 49,168	1,578,844 5,716,763
Progressive Corp. The Prudential PLC	184,946	2,286,980
	,	17,608,038
Interactive Media & Services – 4.8%	11011	04740047
Alphabet Inc - Class C* Match Group Inc*	11,311 35,361	24,742,247 2,464,308
Meta Platforms Inc - Class A*	15,140	2,441,325
Tencent Holdings Ltd	62,600	2,827,395
Internet & Direct Marketing Retail – 4.7%		32,475,275
Amazon.com Inc*	184,120	19,555,385
Booking Holdings Inc*	3,398	5,943,068
JD.Com Inc - Class A	99,109	3,193,071
MercadoLibre Inc*	4,522	2,879,926 31,571,450
Life Sciences Tools & Services – 0.9%		
Thermo Fisher Scientific Inc	11,444	6,217,296
Machinery – 4.4% Alstom SA	363,464	8,222,289
Atlas Copco AB - Class A	612,917	5,729,199
Deere & Co	21,723	6,505,387
Parker-Hannifin Corp Sany Haavy Industry Call th	26,085 1,032,843	6,418,214
Sany Heavy Industry Co Ltd	1,032,043	2,941,676 29,816,765
Metals & Mining – 2.0%		
Freeport-McMoRan Inc	124,803	3,651,736

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio

Schedule of Investments (unaudited) June 30, 2022

	Shares	Value
Common Stocks- (continued)		
Metals & Mining- (continued)		
Rio Tinto PLC	76,225	\$4,561,180
Teck Resources Ltd	183,731	<u>5,618,999</u> 13,831,915
Multi-Utilities – 0.2%		13,031,910
RWE AG	46,137	1,695,851
Oil, Gas & Consumable Fuels – 6.0%		
Canadian Natural Resources Ltd	170,574	9,167,524
Cheniere Energy Inc ConocoPhillips	19,534 82,435	2,598,608 7,403,487
EOG Resources Inc	47,074	5,198,853
Marathon Petroleum Corp	94,043	7,731,275
Suncor Energy Inc	201,014	7,053,452
Total SE	23,078	1,218,004
Developed Developed 1,40/		40,371,203
Personal Products – 1.4% Unilever PLC	206,567	9,376,226
Pharmaceuticals – 6.0%	200,007	3,570,220
AstraZeneca PLC	85,987	11,302,650
Catalent Inc*	44,139	4,735,673
Eli Lilly & Co	8,965	2,906,722
Horizon Therapeutics PLC*	35,423	2,825,338
Novartis AG Organon & Co	77,288 60,668	6,546,605 2,047,545
Roche Holding AG	18,242	6,087,993
Sanofi	38,570	3,893,453
		40,345,979
Road & Rail – 1.1%	110.070	
Full Truck Alliance Co (ADR)*	410,072	3,715,252
Uber Technologies Inc*	194,116	<u>3,971,613</u> 7,686,865
Semiconductor & Semiconductor Equipment – 6.5%		7,000,000
Advanced Micro Devices Inc*	57,421	4,390,984
ASML Holding NV	31,332	14,965,414
Lam Research Corp	6,973	2,971,544
Marvell Technology Inc NVIDIA Corp	82,920 61,740	3,609,508 9,359,167
Taiwan Semiconductor Manufacturing Co Ltd	422,000	6,756,088
Texas Instruments Inc	11,841	1,819,370
		43,872,075
Software – 7.5%		
Adobe Inc*	3,038	1,112,090
Atlassian Corp PLC - Class A* Autodesk Inc*	7,155 11.631	1,340,847 2,000,067
Microsoft Corp	134,058	34,430,116
ServiceNow Inc*	4,081	1,940,597
Synopsys Inc*	17,803	5,406,771
Workday Inc - Class A*	30,585	4,269,054
Technology Hardware, Storage & Peripherals – 3.8%		50,499,542
Apple Inc	189,904	25,963,675
Textiles, Apparel & Luxury Goods – 1.8%	100,004	20,000,010
adidas AG	22,571	3,991,159
Moncler SpA	49,764	2,134,203
NIKE Inc - Class B	62,640	6,401,808
Trading Companies & Distributors – 2.1%		12,527,170
Ferguson PLC	128,793	14,402,469
0 -	,	.,,

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Schedule of Investments (unaudited) June 30, 2022

	Shares	Value
Common Stocks- (continued)		
Wireless Telecommunication Services – 1.1%		
T-Mobile US Inc*	57,642	\$7,755,155
Total Common Stocks (cost \$542,061,912)		673,835,200
Preferred Stocks– 0.3%		
Health Care Providers & Services – 0.3%		
API Holdings Private Ltd PP ^{*,¢,§} (cost \$2,347,416)	3,231,470	2,194,883
Investment Companies- 0.1%		
Money Markets – 0.1%		
Janus Henderson Cash Liquidity Fund LLC, 1.3877% ^{°,£} (cost \$480,813)	480,798	480,846
Total Investments (total cost \$544,890,141) - 100.0%		676,510,929
Cash, Receivables and Other Assets, net of Liabilities – 0%		304,464
Net Assets – 100%		\$676,815,393

Summary of Investments by Country - (Long Positions) (unaudited)

Country	Value	% of Investment Securities
United States	\$463,440,200	68.5 %
France	38,764,416	5.7
United Kingdom	28,323,277	4.2
Canada	27,703,617	4.1
Netherlands	24,341,640	3.6
Sweden	19,219,498	2.8
China	12,677,394	1.9
Switzerland	12,634,598	1.9
Japan	9,858,646	1.5
Taiwan	8,946,890	1.3
Hong Kong	7,414,068	1.1
Germany	5,687,010	0.8
India	4,347,586	0.7
Italy	4,004,568	0.6
Ireland	3,483,079	0.5
Argentina	2,879,926	0.4
Denmark	1,443,669	0.2
Australia	1,340,847	0.2
Total	\$676,510,929	100.0 %

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Schedule of Investments (unaudited) June 30, 2022

Schedules of Affiliated Investments – (% of Net Assets)

		Dividend Income	Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/22
Investment Companies - 0.1% Money Markets - 0.1%					
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	\$	2,292	\$ 28	\$ 33	\$ 480,846
Investments Purchased with Cash Collateral fr Investment Companies - N/A	om Securitie	es Lending - N/A			
Janus Henderson Cash Collateral Fund LLC, 1.3810%		1,977 [∆]	-	-	-
Total Affiliated Investments - 0.1%	\$	4,269	\$ 28	\$ 33	\$ 480,846

	Value at 12/31/21	Purchases	Sales Proceeds	Value at 6/30/22
Investment Companies - 0.1% Money Markets - 0.1%				
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	963,925	33,763,253	(34,246,393)	480,846
Investments Purchased with Cash Collateral from S Investment Companies - N/A	Securities Lending - N/A			
Janus Henderson Cash Collateral Fund LLC, 1.3810%	-	31,467,208	(31,467,208)	-

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Janus Henderson VIT Global Research Portfolio Notes to Schedule of Investments and Other Information (unaudited)

MSCI All Country World Index SM	MSCI All Country World Index SM reflects the equity market performance of global developed and emerging markets.
MSCI World Index SM	MSCI World Index SM reflects the equity market performance of global developed markets.
ADR	American Depositary Receipt
LLC	Limited Liability Company
PLC	Public Limited Company
PP	Private Placement

- 144A Securities sold under Rule 144A of the Securities Act of 1933, as amended, are subject to legal and/or contractual restrictions on resale and may not be publicly sold without registration under the 1933 Act. Unless otherwise noted, these securities have been determined to be liquid under guidelines established by the Board of Trustees. The total value of 144A securities as of the period ended June 30, 2022 is \$1,870,365, which represents 0.3% of net assets.
- * Non-income producing security.
- ^{oo} Rate shown is the 7-day yield as of June 30, 2022.
- Security is valued using significant unobservable inputs. The total value of Level 3 securities as of the period ended June 30, 2022 is
 \$2,194,883, which represents 0.3% of net assets.
- L The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.
- Δ Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties.
- § Schedule of Restricted Securities (as of June 30, 2022)

						Value as a
	Acquisition					% of Net
	Date	Cost			Value	Assets
API Holdings Private Ltd PP	9/27/21	\$	2,347,416	\$	2,194,883	0.3%

The Portfolio has registration rights for certain restricted securities held as of June 30, 2022. The issuer incurs all registration costs.

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of June 30, 2022. See Notes to Financial Statements for more information.

Valuation Inputs Summary

		Level 1 - Quoted Prices		Level 2 - Other Significant Observable Inputs	Level 3 - Significant Unobservable Inputs		
Assets							
Investments In Securities:							
Common Stocks	\$	673,835,200	\$	-	\$	-	
Preferred Stocks		-		-		2,194,883	
Investment Companies		-		480,846		-	
Total Assets	\$	673,835,200	\$	480,846	\$	2,194,883	

. . .

Statement of Assets and Liabilities (unaudited) June 30, 2022

Assets:		
Unaffiliated investments, at value (cost \$544,409,328)	\$	676,030,083
Affiliated investments, at value (cost \$480,813)	Ŷ	480,846
Cash		84,518
Trustees' deferred compensation		19,778
Receivables:		,
Foreign tax reclaims		431,639
Dividends		353,179
Portfolio shares sold		108,946
Dividends from affiliates		507
Other assets		4,124
Total Assets		677,513,620
Liabilities:		, ,
Payables:		
Advisory fees		308,398
Portfolio shares repurchased		174,554
12b-1 Distribution and shareholder servicing fees		42,182
Transfer agent fees and expenses		30,486
Professional fees		30,131
Trustees' deferred compensation fees		19,778
Custodian fees		7,349
Trustees' fees and expenses		3,367
Foreign tax liability		1,818
Affiliated portfolio administration fees payable		1,455
Accrued expenses and other payables		78,709
Total Liabilities		698,227
Net Assets	\$	676,815,393
Net Assets Consist of:		
Capital (par value and paid-in surplus)	\$	511,586,804
Total distributable earnings (loss) (includes \$1,818 of foreign capital gains tax)		165,228,589
Total Net Assets	\$	676,815,393
Net Assets - Institutional Shares	\$	480,833,116
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		9,954,095
Net Asset Value Per Share	\$	48.31
Net Assets - Service Shares	\$	195,982,277
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		4,190,164
Net Asset Value Per Share	\$	46.77

Statement of Operations (unaudited) For the period ended June 30, 2022

Investment Income:		
Dividends	\$	6,823,357
Dividends from affiliates		2,292
Affiliated securities lending income, net		1,977
Unaffiliated securities lending income, net		539
Other income		372
Foreign tax withheld		(367,931)
Total Investment Income		6,460,606
Expenses:		
Advisory fees		2,181,738
12b-1 Distribution and shareholder servicing fees:		
Service Shares		279,288
Transfer agent administrative fees and expenses:		
Institutional Shares		139,525
Service Shares		55,913
Other transfer agent fees and expenses:		
Institutional Shares		7,640
Service Shares		1,531
Professional fees		26,932
Custodian fees		19,877
Registration fees		16,218
Shareholder reports expense		16,117
Affiliated portfolio administration fees		9,772
Trustees' fees and expenses		7,135
Other expenses		44,793
Total Expenses		2,806,479
Net Investment Income/(Loss)		3,654,127
Net Realized Gain/(Loss) on Investments:		
Investments and foreign currency transactions		32,427,108
Investments in affiliates		28
Total Net Realized Gain/(Loss) on Investments		32,427,136
Change in Unrealized Net Appreciation/Depreciation:		- , ,
Investments, foreign currency translations and Trustees' deferred compensation (net of decrease in deferred foreign taxes		
of \$4)		(238,413,432)
Investments in affiliates		33
Total Change in Unrealized Net Appreciation/Depreciation		(238,413,399)
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$	(202,332,136)
Not included, (200,0000) in the robotic resulting noin operations	Ψ	(202,002,100)

Statements of Changes in Net Assets

	Period ended	
	June 30, 2022	Year ended
	(unaudited)	December 31, 2021
Operations:		
Net investment income/(loss)	\$ 3,654,127	\$ 4,422,329
Net realized gain/(loss) on investments	32,427,136	82,488,846
Change in unrealized net appreciation/depreciation	(238,413,399)	58,401,316
Net Increase/(Decrease) in Net Assets Resulting from Operations	(202,332,136)	145,312,491
Dividends and Distributions to Shareholders:		
Institutional Shares	(61,419,071)	(32,926,296)
Service Shares	(25,617,644)	(12,748,040)
Net Decrease from Dividends and Distributions to Shareholders	(87,036,715)	(45,674,336)
Capital Share Transactions:		
Institutional Shares	32,637,989	(19,091,566)
Service Shares	20,771,209	(4,426,458)
Net Increase/(Decrease) from Capital Share Transactions	53,409,198	(23,518,024)
Net Increase/(Decrease) in Net Assets	(235,959,653)	76,120,131
Net Assets:		
Beginning of period	912,775,046	836,654,915
End of period	\$ 676,815,393	\$ 912,775,046

Janus Henderson VIT Global Research Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$71.28	\$63.62	\$56.59	\$47.13	\$51.20	\$40.63
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.31	0.39	0.39	0.60	0.62	0.51
Net realized and unrealized gain/(loss)	(16.25)	10.90	10.04	12.67	(4.09)	10.45
Total from Investment Operations	(15.94)	11.29	10.43	13.27	(3.47)	10.96
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.36)	(0.36)	(0.41)	(0.54)	(0.60)	(0.39)
Distributions (from capital gains)	(6.67)	(3.27)	(2.99)	(3.27)	_	_
Total Dividends and Distributions	(7.03)	(3.63)	(3.40)	(3.81)	(0.60)	(0.39)
Net Asset Value, End of Period	\$48.31	\$71.28	\$63.62	\$56.59	\$47.13	\$51.20
Total Return*	(22.54)%	18.09%	20.06%	29.04%	(6.87)%	27.03%
Net Assets, End of Period (in thousands)	\$480,833	\$653,853	\$600,868	\$539,915	\$463,402	\$540,594
Average Net Assets for the Period (in thousands)	\$569,964	\$636,425	\$516,468	\$511,859	\$533,418	\$512,287
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.64%	0.77%	0.84%	0.79%	0.60%	0.64%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.64%	0.77%	0.84%	0.79%	0.60%	0.64%
Ratio of Net Investment Income/(Loss)	0.99%	0.57%	0.72%	1.13%	1.19%	1.05%
Portfolio Turnover Rate	16%	20%	33%	36%	36%	41%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

Janus Henderson VIT Global Research Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$69.31	\$62.00	\$55.27	\$46.15	\$50.17	\$39.87
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.23	0.21	0.25	0.45	0.48	0.38
Net realized and unrealized gain/(loss)	(15.81)	10.62	9.77	12.39	(4.00)	10.24
Total from Investment Operations	(15.58)	10.83	10.02	12.84	(3.52)	10.62
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.29)	(0.25)	(0.30)	(0.45)	(0.50)	(0.32)
Distributions (from capital gains)	(6.67)	(3.27)	(2.99)	(3.27)	_	—
Total Dividends and Distributions	(6.96)	(3.52)	(3.29)	(3.72)	(0.50)	(0.32)
Net Asset Value, End of Period	\$46.77	\$69.31	\$62.00	\$55.27	\$46.15	\$50.17
Total Return*	(22.65)%	17.80%	19.76%	28.71%	(7.08)%	26.68%
Net Assets, End of Period (in thousands)	\$195,982	\$258,922	\$235,787	\$214,425	\$180,168	\$210,318
Average Net Assets for the Period (in thousands)	\$228,369	\$248,792	\$206,127	\$198,883	\$206,497	\$197,483
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.88%	1.02%	1.09%	1.04%	0.85%	0.89%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.88%	1.02%	1.09%	1.04%	0.85%	0.89%
Ratio of Net Investment Income/(Loss)	0.75%	0.32%	0.47%	0.88%	0.94%	0.81%
Portfolio Turnover Rate	16%	20%	33%	36%	36%	41%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

Notes to Financial Statements (unaudited)

1. Organization and Significant Accounting Policies

Janus Henderson VIT Global Research Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term growth of capital. The Portfolio is classified as diversified, as defined in the 1940 Act. Janus Henderson Investors US LLC is the investment adviser (the "Adviser") to the Portfolio.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are generally valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-thecounter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market guotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

Janus Henderson VIT Global Research Portfolio Notes to Financial Statements (unaudited)

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of June 30, 2022 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Non-cash dividends, if any, are recorded on the ex-dividend date at fair value. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes. Income, as well as gains and losses, both realized and unrealized, are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Notes to Financial Statements (unaudited)

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Foreign Currency Translations

The Portfolio does not isolate that portion of the results of operations resulting from the effect of changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held at the date of the financial statements. Net unrealized appreciation or depreciation of investments and foreign currency translations arise from changes in the value of assets and liabilities, including investments in securities held at the date of the financial statements, resulting from changes in the exchange rates and changes in market prices of securities held.

Currency gains and losses are also calculated on payables and receivables that are denominated in foreign currencies. The payables and receivables are generally related to foreign security transactions and income translations.

Foreign currency-denominated assets and forward currency contracts may involve more risks than domestic transactions, including currency risk, counterparty risk, political and economic risk, regulatory risk and equity risk. Risks may arise from unanticipated movements in the value of foreign currencies relative to the U.S. dollar.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Other Investments and Strategies

Additional Investment Risk

In response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, including those which may be attributable to global climate change, such as earthquakes, fires, floods, hurricanes, tsunamis and weather-related phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Portfolio's investments. Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United

Janus Henderson VIT Global Research Portfolio Notes to Financial Statements (unaudited)

States. These disruptions could prevent a Portfolio from executing advantageous investment decisions in a timely manner and negatively impact a Portfolio's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Portfolio. In addition, these disruptions could also impair the information technology and other operational systems upon which the Portfolio's service providers, including the Adviser or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Portfolio's service providers to perform essential tasks on behalf of the Portfolio. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. Among other things, these developments have adversely affected the value and exchange rate of the euro and pound sterling, and may continue to significantly affect the economies of all EU countries, which in turn may have a material adverse effect on the Portfolio's investments in such countries, other countries that depend on EU countries for significant amounts of trade or investment, or issuers with exposure to debt issued by certain EU countries.

Counterparties

Portfolio transactions involving a counterparty are subject to the risk that the counterparty or a third party will not fulfill its obligation to the Portfolio ("counterparty risk"). Counterparty risk may arise because of the counterparty's financial condition (i.e., financial difficulties, bankruptcy, or insolvency), market activities and developments, or other reasons, whether foreseen or not. A counterparty's inability to fulfill its obligation may result in significant financial loss to the Portfolio. The Portfolio may be unable to recover its investment from the counterparty or may obtain a limited recovery, and/or recovery may be delayed. The extent of the Portfolio's exposure to counterparty risk with respect to financial assets and liabilities approximates its carrying value.

The Portfolio may be exposed to counterparty risk through participation in various programs, including, but not limited to, lending its securities to third parties, cash sweep arrangements whereby the Portfolio's cash balance is invested in one or more types of cash management vehicles, as well as investments in, but not limited to, repurchase agreements, debt securities, and derivatives, including various types of swaps, futures and options. The Portfolio intends to enter into financial transactions with counterparties that the Adviser believes to be creditworthy at the time of the transaction. There is always the risk that the Adviser's analysis of a counterparty's creditworthiness is incorrect or may change due to market conditions. To the extent that the Portfolio focuses its transactions with a limited number of counterparties, it will have greater exposure to the risks associated with one or more counterparties.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Restricted Security Transactions

Restricted securities held by the Portfolio may not be sold except in exempt transactions or in a public offering registered under the Securities Act of 1933, as amended. The risk of investing in such securities is generally greater than the risk of investing in the securities of widely held, publicly traded companies. Lack of a secondary market and resale restrictions may result in the inability of the Portfolio to sell a security at a fair price and may substantially delay the sale of the security. In addition, these securities may exhibit greater price volatility than securities for which secondary markets exist.

Notes to Financial Statements (unaudited)

Securities Lending

Under procedures adopted by the Trustees, the Portfolio may seek to earn additional income by lending securities to certain qualified broker-dealers and institutions. JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. The Portfolio may lend portfolio securities in an amount equal to up to 1/3 of its total assets as determined at the time of the loan origination. There is the risk of delay in recovering a loaned security or the risk of loss in collateral rights if the borrower fails financially. In addition, the Adviser makes efforts to balance the benefits and risks from granting such loans. All loans will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the Securities and Exchange Commission (the "SEC"). If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio. In certain circumstances individual loan transactions could yield negative returns.

Upon receipt of cash collateral, the Adviser may invest it in affiliated or non-affiliated cash management vehicles, whether registered or unregistered entities, as permitted by the 1940 Act and rules promulgated thereunder. The Adviser currently intends to primarily invest the cash collateral in a cash management vehicle for which the Adviser serves as investment adviser, Janus Henderson Cash Collateral Fund LLC, or in time deposits. An investment in Janus Henderson Cash Collateral Fund LLC is generally subject to the same risks that shareholders experience when investing in similarly structured vehicles, such as the potential for significant fluctuations in assets as a result of the purchase and redemption activity of the securities lending program, a decline in the value of the collateral, and possible liquidity issues. Such risks may delay the return of the cash collateral and cause the Portfolio to violate its agreement to return the cash collateral to a borrower in a timely manner. As adviser to the Portfolio and Janus Henderson Cash Collateral Fund LLC, the Adviser has an inherent conflict of interest as a result of its fiduciary duties to both the Portfolio and Janus Henderson Cash Collateral Fund LLC. Additionally, the Adviser receives an investment advisory fee of 0.05% for managing Janus Henderson Cash Collateral Fund LLC, but it may not receive a fee for managing certain other affiliated cash management vehicles in which the Portfolio may invest, and therefore may have an incentive to allocate preferred investment opportunities to investment vehicles for which it is receiving a fee.

The value of the collateral must be at least 102% of the market value of the loaned securities that are denominated in U.S. dollars and 105% of the market value of the loaned securities that are not denominated in U.S. dollars. Loaned securities and related collateral are marked-to-market each business day based upon the market value of the loaned securities at the close of business, employing the most recent available pricing information. Collateral levels are then adjusted based on this mark-to-market evaluation. Additional required collateral, or excess collateral returned, is delivered on the next business day. Therefore, the value of the collateral held may be temporarily less than 102% or 105% value of the securities on loan. The cash collateral invested by the Adviser is disclosed in the Schedule of Investments (if applicable).

Income earned from the investment of the cash collateral, net of rebates paid to, or fees paid by, borrowers and less the fees paid to the lending agent are included as "Affiliated securities lending income, net" on the Statement of Operations.

There were no securities on loan as of June 30, 2022.

3. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays the Adviser an investment advisory fee rate that may adjust up or down based on the Portfolio's performance relative to its benchmark index.

The investment advisory fee rate paid to the Adviser by the Portfolio consists of two components: (1) a base fee calculated by applying the contractual fixed rate of the advisory fee to the Portfolio's average daily net assets during the previous month (the "Base Fee Rate"), plus or minus (2) a performance-fee adjustment (the "Performance Adjustment") calculated by applying a variable rate of up to 0.15% (positive or negative) to the Portfolio's average daily net assets based on the Portfolio's relative performance compared to the cumulative investment record of its benchmark index over a 36-month performance measurement period or shorter time period, as applicable. The investment advisory fee rate is calculated daily and paid monthly.

Janus Henderson VIT Global Research Portfolio Notes to Financial Statements (unaudited)

The investment performance of the Portfolio's Service Shares for the performance measurement period is used to calculate the Performance Adjustment. The Portfolio's Base Fee Rate prior to any performance adjustment (expressed as an annual rate) is 0.60%, and the Portfolio's benchmark index used in the calculation is the MSCI World IndexSM.

No Performance Adjustment is applied unless the difference between the Portfolio's investment performance and the cumulative investment record of the Portfolio's benchmark index is 0.50% or greater (positive or negative) during the applicable performance measurement period. The Base Fee Rate is subject to an upward or downward Performance Adjustment for every full 0.50% increment by which the Portfolio outperforms or underperforms its benchmark index, up to the Portfolio's full performance rate of $\pm 6.00\%$. Because the Performance Adjustment is tied to a Portfolio's relative performance compared to its benchmark index (and not its absolute performance), the Performance Adjustment could increase the Adviser's fee even if the Portfolio's Shares lose value during the performance measurement period and could decrease the Adviser's fee even if the Portfolio's Shares increase in value during the performance measurement period. For purposes of computing the Base Fee Rate and the Performance Adjustment, net assets are averaged over different periods (average daily net assets during the previous month for the Base Fee Rate, versus average daily net assets during the performance Adjustment). Performance of the Portfolio is calculated net of expenses whereas the Portfolio's benchmark index does not have any fees or expenses. Reinvestment of dividends and distributions is included in calculating both the performance of a Portfolio and the Portfolio's benchmark index.

The Portfolio's prospectuses and statement(s) of additional information contain additional information about performance-based fees. The amount shown as advisory fees on the Statement of Operations reflects the Base Fee Rate plus/minus any Performance Adjustment. For the period ended June 30, 2022, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.55%.

The Adviser serves as administrator to the Portfolio pursuant to an administration agreement between the Adviser and the Trust. Under the administration agreement, the Adviser is authorized to perform, or cause others to perform certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent the Adviser seeks reimbursement and such costs are not otherwise waived). In addition, employees of the Adviser and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of the Adviser employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by the Adviser, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services the Adviser (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as "Affiliated portfolio administration fees" on the Statement of Operations. In addition, some expenses related to compensation payable to the Portfolio's Chief Compliance Officer and certain compliance staff, all of whom are employees of the Adviser and/or its affiliates, are shared with the Portfolio. Total compensation of \$26,340 was paid to the Chief Compliance Officer and certain compliance 30, 2022. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

Janus Henderson Services US LLC (the "Transfer Agent"), a wholly-owned subsidiary of the Adviser, is the Portfolio's transfer agent. The Transfer Agent receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including, but not limited to, recordkeeping, subaccounting, answering inquiries regarding accounts, order processing, transaction confirmations, the mailing of prospectuses and shareholder reports, and other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. The Transfer Agent expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio.

The Transfer Agent is not compensated for internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as "Other transfer agent fees and expenses" on the Statement of Operations.

Under a distribution and shareholder servicing plan (the "Plan") adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust's distributor, Janus Henderson Distributors US LLC (the "Distributor"), a wholly-owned subsidiary of the Adviser, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to the Distributor for remittance to insurance companies and qualified

Janus Henderson VIT Global Research Portfolio Notes to Financial Statements (unaudited)

plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as "12b-1 Distribution and shareholder servicing fees" on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the "Deferred Plan") for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2022 on the Statement of Assets and Liabilities in the asset, "Trustees' deferred compensation estimation," and liability, "Trustees' deferred compensation fees." Additionally, the recorded unrealized appreciation/(depreciation) is included in "Total distributable earnings (loss)" on the Statement of Assets and Liabilities. Deferred compensation expenses for the period ended June 30, 2022 are included in "Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$226,926 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2022.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or nonaffiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). The Adviser has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the period ended June 30, 2022 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

4. Federal Income Tax

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, net investment losses, and capital loss carryovers.

The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

Notes to Financial Statements (unaudited)

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of June 30, 2022 are noted below. The primary differences between book and tax appreciation or depreciation of investments are wash sale loss deferrals and investments in partnerships.

	Unrealized	Unrealized	Net Tax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)	(Depreciation)
\$546,345,211	\$195,965,849	\$ (65,800,131)	\$ 130,165,718

5. Capital Share Transactions

	Period en	ded June 30, 2022	Year ended December 31, 2021	
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	106,102	\$ 6,909,140	312,608	\$21,172,671
Reinvested dividends and distributions	1,248,863	61,419,071	488,320	32,926,296
Shares repurchased	(573,463)	(35,690,222)	(1,072,453)	(73,190,533)
Net Increase/(Decrease)	781,502	\$32,637,989	(271,525)	\$(19,091,566)
Service Shares:				
Shares sold	156,212	\$ 9,431,479	233,267	\$ 15,614,302
Reinvested dividends and distributions	537,847	25,617,644	194,479	12,748,040
Shares repurchased	(239,619)	(14,277,914)	(495,053)	(32,788,800)
Net Increase/(Decrease)	454,440	\$20,771,209	(67,307)	\$ (4,426,458)

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2022, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

		Purcha	ases of Long-	Proce	eds from Sales
Purchases of	Proceeds from Sales	Term U.S.	. Government	of L	ong-Term U.S.
Securities	of Securities		Obligations	Governme	ent Obligations
\$132,263,703	\$ 161,186,514	\$	-	\$	-

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2022 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at http://www.sec.gov. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at http://www.sec.gov.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at http://www.sec.gov; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each fund of Janus Investment Fund (each, a "Fund," and collectively, the "Funds" and together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each Janus Henderson Fund that utilizes a subadviser.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received and reviewed information provided by Janus Henderson Investors US LLC (the "Adviser") and the subadviser in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At meetings held on November 3-4, 2021 and December 7-8, 2021, the Trustees' evaluated the information provided by the Adviser, the subadviser, and the independent fee consultant, as well as other information addressed during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by the Adviser, its affiliates and the subadviser, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment and unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2022 through February 1, 2023, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by the Adviser and the subadviser to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a quarterly

basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of the Adviser and the subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by the Adviser or the subadviser, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered the Adviser's role as administrator to the Janus Henderson Funds, noting that the Adviser generally does not receive a fee for its services as administrator, but is reimbursed for its out-of-pocket costs. The Trustees considered the role of the Adviser in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that the Adviser provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, the Adviser is a capable provider of those services. The independent fee consultant also provided its belief that the Adviser has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by the Adviser and the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that the Adviser and the subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and each had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2021, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2021, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.

- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser and subadviser had taken or were taking to improve performance.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by the Adviser out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by the Adviser to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by the Adviser. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 8% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 6% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic "focus list" analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the

independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by the Adviser and subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by the Adviser and subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser or subadviser (for which the Adviser or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that the Adviser noted that, under the terms of the management agreements with the Janus Henderson Funds, the Adviser performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, the Adviser assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, the Trustees noted that the independent fee consultant found that: (1) the management fees the Adviser charges to the Janus Henderson Funds are reasonable in relation to the management fees the Adviser charges to funds subadvised by the Adviser and to the fees the Adviser charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; and (4) as part of its 2020 review, 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2020, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses"):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.

• For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to the Adviser and its affiliates from their relationships with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to the Adviser from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether the Adviser and subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by the Adviser to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by the Adviser were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that the Adviser's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Fund's investment feec.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser and its affiliates, as well as the fees paid by the Adviser to the subadviser of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees the Adviser and the subadviser charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by the Adviser and subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by the Adviser.

Economies of Scale

The Trustees considered information about the potential for the Adviser to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 75% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. The Trustees also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of the Adviser, the Adviser is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (3) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by the Adviser and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at the Adviser, the Adviser's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, the Adviser appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Funds in light of any economies of scale that may be present at the Adviser.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between the Adviser and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to the Adviser

The Trustees also considered benefits that accrue to the Adviser and its affiliates and subadviser to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of the Adviser separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of the Adviser and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered the Adviser's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of the Adviser and/or the Adviser, and/or subadviser to a Janus Henderson Fund. The Trustees concluded that the Adviser's and the subadviser's use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by the Adviser and its affiliates and subadviser pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser and the subadviser may potentially benefit from their relationship with each other in other ways. They concluded that the Adviser and its affiliates share directly in economies of scale through the lower charges of thirdparty service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by the Adviser and its affiliates. They also concluded that the Adviser and the subadviser benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from the Adviser's and/or the subadviser's receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser and/or other clients of the subadviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser, the subadviser or other Janus Henderson funds, and that the success of the Adviser and the subadviser could enhance the Adviser's and the subadviser's ability to serve the Janus Henderson Funds.

Liquidity Risk Management Program (unaudited)

Liquidity Risk Management Program

Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), requires open-end funds (but not money market funds) to adopt and implement a written liquidity risk management program (the "LRMP") that is reasonably designed to assess and manage liquidity risk, which is the risk that a fund could not meet redemption requests without significant dilution of remaining investors' interest in the fund. The Fund has implemented a LRMP, which incorporates the following elements: (i) assessment, management, and periodic review of liquidity risk; (ii) classification of portfolio holdings; (iii) the establishment and monitoring of a highly liquid investment minimum, as applicable; (iv) a 15% limitation on a Portfolio's illiquid investments; (v) redemptions in-kind; and (vi) board oversight.

The Trustees of the Portfolio (the "Trustees") have designated Janus Henderson Investors US LLC, the Portfolio's investment adviser (the "Adviser"), as the Program Administrator for the LRMP responsible for administering the LRMP and carrying out the specific responsibilities of the LRMP. A working group comprised of various teams within the Adviser's business is responsible for administering the LRMP and carrying out the specific responsibilities of different aspects of the LRMP (the "Liquidity Risk Working Group"). In assessing each Fund's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Fund's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Fund's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Fund's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Fund's use of borrowing for investment purposes; and (v) a Fund's use of derivatives.

The Liquidity Rule requires the Trustees to review at least annually a written report provided by the Program Administrator that addresses the operation of the LRMP and assesses its adequacy and the effectiveness of its implementation, including, if applicable, the operation of the highly liquid investment minimum, and any material changes to the LRMP (the "Program Administrator Report"). At a meeting held on March 16, 2022, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2021 through December 31, 2021 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. It noted that the Portfolio was able to meet redemptions during the normal course of business during the Reporting Period. The Program Administrator Report also stated that the Portfolio did not exceed the 15% limit on illiquid assets during the Reporting Period, that the Portfolio held primarily highly liquid assets, and was considered to be a primarily highly liquid fund during the Reporting Period. In addition, the Adviser expressed its belief in the Program Administrator Report that the LRMP is reasonably designed and adequate to assess and manage the Portfolio's liquidity risk, considering the Portfolio's particular risks and circumstances, and includes policies and procedures reasonably designed to implement each required component of the Liquidity Rule.

There can be no assurance that the LRMP will achieve its objectives in the future. Please refer to your Portfolio's prospectus for more information regarding the risks to which an investment in the Portfolio may be subject.

Janus Henderson VIT Global Research Portfolio Useful Information About Your Portfolio Report (unaudited)

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of the Adviser and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Bloomberg and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

Janus Henderson VIT Global Research Portfolio Useful Information About Your Portfolio Report (unaudited)

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

Janus Henderson VIT Global Research Portfolio Useful Information About Your Portfolio Report (unaudited)

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio is traded once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

Janus Henderson is a trademark of Janus Henderson Group plc or one of its subsidiaries. © Janus Henderson Group plc

Janus Henderson Distributors US LLC

Janus Aspen Series

HIGHLIGHTS

- Investment strategy behind your portfolio
- Portfolio performance, characteristics and holdings



Table of Contents

Janus Henderson VIT Research Portfolio

Portfolio At A Glance and Schedule of Investments	1
Notes to Schedule of Investments and Other Information	10
Statement of Assets and Liabilities	11
Statement of Operations	12
Statements of Changes in Net Assets	13
Financial Highlights	14
Notes to Financial Statements	16
Additional Information	24
Liquidity Risk Management Program	30
Useful Information About Your Fund Report	31

PORTFOLIO SNAPSHOT

By investing in the best ideas from each global research sector team, this U.S. large-cap growth fund seeks longterm growth of capital. Our analysts identify industryleading companies with brand power, enduring business models and strong competitive positioning.

Team-Based Approach Led by Matthew Peron, Director of Research

5 Top Contributors - Holdings

5 Top Detractors - Holdings

	Average Weight	Relative Contribution		Average Weight	Relative Contribution
AstraZeneca PLC (ADR)	1.05%	0.36%	NVIDIA Corp	4.97%	-0.54%
Constellation Brands Inc Liberty Media Corp-Liberty Formula	1.55%	0.29%	Rivian Automotive Inc - Class A	0.47%	-0.35%
One	1.17%	0.27%	Align Technology Inc	0.90%	-0.35%
Procter & Gamble Co EOG Resources Inc	1.64% 0.68%	0.23% 0.23%	Apple Inc Caesars Entertainment Inc	6.14% 0.87%	-0.32% -0.29%

5 Top Contributors - Sectors*

			Russell 1000	
	Relative	Portfolio	Growth Index	
	Contribution	Average Weight	Average Weight	
Financials	0.79%	8.56%	8.16%	
Healthcare	0.20%	9.50%	9.07%	
Other**	0.06%	0.14%	0.00%	
Energy	0.03%	0.68%	0.54%	
Communications	0.02%	12.85%	12.49%	
Healthcare Other** Energy	0.79% 0.20% 0.06% 0.03%	8.56% 9.50% 0.14% 0.68%	8.16% 9.07% 0.00% 0.54%	

3 Top Detractors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Technology	-2.12%	39.38%	40.51%
Consumer	-0.86%	18.82%	18.81%
Industrials	-0.26%	10.07%	10.42%

Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring in the difference in weight of that security in the benchmark. Returns are calculated using daily returns and previous day ending weights rolled up by ticker, excluding fixed income securities, gross of advisory fees, may exclude certain derivatives and will differ from actual performance. Performance attribution reflects returns gross of advisory fees and may differ from actual returns as they are based on end of day holdings. Attribution is calculated by geometrically linking daily returns for the portfolio and index.

* The sectors listed above reflect those covered by the six analyst teams who comprise the Janus Henderson Research Team.

** Not a GICS classified sector.

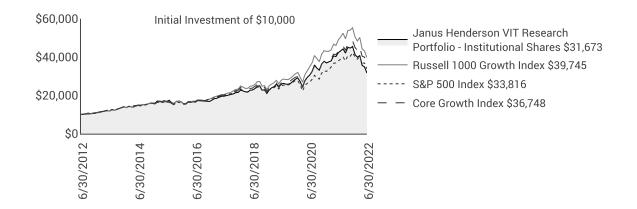
Janus Henderson VIT Research Portfolio (unaudited) **Portfolio At A Glance** June 30, 2022

Asset Allocation - (% of Net Assets)
Common Stocks 99.9%
Investments Purchased with Cash
Collateral from Securities Lending 0.4%
Other (0.3)%
100.0%

Top Country Allocations - Long Positions - (% of Investment Securities) As of June 30, 2022

s of June 30, 2022	As of December 31, 2021		1		
United States		96.2%	United States		96.3%
Australia	1.5%		Netherlands	1.4%	
Netherlands	1.2%		United Kingdom	1.3%	
United Kingdom	1.1%		Australia	1.0%	
C	% % 20% 40%	60% 80% 100%	O	<u> </u>	60% 80% 100%

Janus Henderson VIT Research Portfolio (unaudited) Performance



Average Annual Total Return	Prospectus Expense Ratios					
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	-30.37%	-25.07%	10.13%	12.22%	8.55%	0.60%
Service Shares	-30.46%	-25.26%	9.86%	11.94%	8.26%	0.85%
Russell 1000 Growth Index	-28.07%	-18.77%	14.29%	14.80%	9.91%	
S&P 500 Index	-19.96%	-10.62%	11.31%	12.96%	9.68%	
Core Growth Index	-24.09%	-14.74%	12.83%	13.90%	9.84%	
Morningstar Quartile - Institutional Shares	-	Зrd	3rd	Зrd	Зrd	
Morningstar Ranking - based on total returns for Large Growth						
Funds	-	756/1,264	768/1,147	678/1,053	264/374	

Returns quoted are past performance and do not guarantee future results; current performance may be lower or higher. Investment returns and principal value will vary; there may be a gain or loss when shares are sold. For the most recent month-end performance call 800.668.0434 or visit janushenderson.com/VITperformance.

This Portfolio has a performance-based management fee that may adjust up or down based on the Portfolio's performance.

Performance may be affected by risks that include those associated with foreign and emerging markets, fixed income securities, high-yield and high-risk securities, undervalued, overlooked and smaller capitalization companies, real estate related securities including Real Estate Investment Trusts (REITs), Environmental, Social and Governance (ESG) factors, non-diversification, portfolio turnover, derivatives, short sales, initial public offerings (IPOs) and potential conflicts of interest. Each product has different risks. Please see the prospectus for more information about risks, holdings and other details.

Returns do not reflect the deduction of fees, charges or expenses of any insurance product or qualified plan. If applied, returns would have been lower.

Returns include reinvestment of all dividends and distributions and do not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares. The returns do not include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes.

Performance for Service Shares prior to December 31, 1999 reflects the performance of Institutional Shares, adjusted to reflect the expenses of Service Shares.

Ranking is for the share class shown only; other classes may have different performance characteristics.

© 2022 Morningstar, Inc. All Rights Reserved.

There is no assurance that the investment process will consistently lead to successful investing.

See Notes to Schedule of Investments and Other Information for index definitions.

See important disclosures on the next page.

Janus Henderson VIT Research Portfolio (unaudited) Performance

Index performance does not reflect the expenses of managing a portfolio as an index is unmanaged and not available for direct investment.

See "Useful Information About Your Portfolio Report."

*The Portfolio's inception date - September 13, 1993

‡ As stated in the prospectus. See Financial Highlights for actual expense ratios during the reporting period.

Janus Henderson VIT Research Portfolio (unaudited) Expense Examples

As a shareholder of the Portfolio, you incur two types of costs: (1) transaction costs and (2) ongoing costs, including management fees; 12b-1 distribution and shareholder servicing fees (applicable to Service Shares only); transfer agent fees and expenses payable pursuant to the Transfer Agency Agreement; and other Portfolio expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. The example is based upon an investment of \$1,000 invested at the beginning of the period and held for the sixmonths indicated, unless noted otherwise in the table and footnotes below.

Actual Expenses

The information in the table under the heading "Actual" provides information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the appropriate column for your share class under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during the period.

Hypothetical Example for Comparison Purposes

The information in the table under the heading "Hypothetical (5% return before expenses)" provides information about hypothetical account values and hypothetical expenses based upon the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Portfolio and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. Additionally, for an analysis of the fees associated with an investment in either share class or other similar funds, please visit www.finra.org/fundanalyzer.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs, such as any charges at the separate account level or contract level. These fees are fully described in the Portfolio's prospectuses. Therefore, the hypothetical examples are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transaction costs were included, your costs would have been higher.

		tical e expenses)	_				
	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Beginning Account Value (1/1/22)	Ending Account Value (6/30/22)	Expenses Paid During Period (1/1/22 - 6/30/22)†	Net Annualized Expense Ratio (1/1/22 - 6/30/22)
Institutional							
Shares	\$1,000.00	\$696.30	\$2.36	\$1,000.00	\$1,022.02	\$2.81	0.56%
Service Shares	\$1,000.00	\$695.40	\$3.40	\$1,000.00	\$1,020.78	\$4.06	0.81%

* Expenses Paid During Period are equal to the Net Annualized Expense Ratio multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). Expenses in the examples include the effect of applicable fee waivers and/or expense reimbursements, if any. Had such waivers and/or reimbursements not been in effect, your expenses would have been higher. Please refer to the Notes to Financial Statements or the Portfolio's prospectuses for more information regarding waivers and/or reimbursements.

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks– 99.9%		
Aerospace & Defense – 1.6%		
Howmet Aerospace Inc	130,725	\$4,111,301
Teledyne Technologies Inc*	9,286	<u>3,483,271</u> 7,594,572
Air Freight & Logistics – 2.0%		1,094,012
United Parcel Service Inc	52,719	9,623,326
Automobiles – 1.4%		
Rivian Automotive Inc - Class A ^{*,#}	84,730	2,180,950
Tesla Inc*	6,362	<u>4,284,298</u> 6,465,248
Beverages – 1.7%		0,400,240
Constellation Brands Inc	34,208	7,972,517
Biotechnology – 3.4%		
AbbVie Inc	64,750	9,917,110
Sarepta Therapeutics Inc*	30,298	2,271,138
United Therapeutics Corp* Vertex Pharmaceuticals Inc*	4,443 10,188	1,046,949 2,870,877
Vertex Friamaceuticais inc	10,100	16,106,074
Capital Markets – 0.9%		10,100,014
Blackstone Group Inc	30,443	2,777,315
LPL Financial Holdings Inc	7,059	1,302,244
Chamicala 0.9%		4,079,559
Chemicals – 0.8% Sherwin-Williams Co	17,517	3,922,231
Diversified Financial Services – 0.4%	11,011	0,022,201
Apollo Global Management Inc	41,716	2,022,392
Entertainment – 1.3%	05 500	0.005.04.0
Liberty Media Corp-Liberty Formula One*	97,763	6,205,018
Equity Real Estate Investment Trusts (REITs) – 1.4% American Tower Corp	25,877	6,613,902
Health Care Equipment & Supplies – 2.8%	20,071	0,010,002
Align Technology Inc*	13,426	3,177,531
Danaher Corp	6,484	1,643,824
DexCom Inc*	14,604	1,088,436
Edwards Lifesciences Corp* Intuitive Surgical Inc*	46,911 13,883	4,460,767 2,786,457
intuitive Surgical Inc	10,000	13,157,015
Health Care Providers & Services – 2.8%		1011011010
UnitedHealth Group Inc	26,120	13,416,016
Hotels, Restaurants & Leisure – 1.2%	101110	0,400,404
Aramark	104,446	3,199,181
Caesars Entertainment Inc*	64,292	2,462,384 5,661,565
Household Durables – 0.8%		0,001,000
Garmin Ltd	36,407	3,576,988
Household Products – 1.8%	50.040	0.040500
Procter & Gamble Co Industrial Conglomerates – 0.8%	58,048	8,346,722
Honeywell International Inc	20,580	3,577,010
Information Technology Services – 7.5%	20,000	0,011,010
Fidelity National Information Services Inc	28,813	2,641,288
Global Payments Inc	15,166	1,677,966
Mastercard Inc	42,940	13,546,711
Okta Inc* Snowflake Inc - Class A*	19,286 22,118	1,743,454 3,075,729
Visa Inc	64,322	12,664,359
	0,022	35,349,507
Insurance – 0.5%		
Aon PLC - Class A	8,716	2,350,531

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Schedule of Investments (unaudited) June 30, 2022

	21	
	Shares or Principal Amounts	Value
Common Stocks- (continued)	T molpal T mounte	Value
Interactive Media & Services – 7.3%		
Alphabet Inc - Class C*	14,990	\$32,789,876
Match Group Inc*	24,783	1,727,127
Internet & Direct Marketing Retail – 7.7%		34,517,003
Amazon.com Inc*	264.053	28,045,069
Booking Holdings Inc*	4,423	7,735,783
Wayfair Inc - Class A* ^{,#}	8,543	372,133
Life Sciences Tools & Services – 0.7%		36,152,985
Illumina Inc*	6,225	1,147,641
Thermo Fisher Scientific Inc	4,195	2,279,060
		3,426,701
Machinery – 1.8%	15.014	
Deere & Co Ingersoll Rand Inc	17,211 76,065	5,154,178 3,200,815
ingerson Rand Inc	10,005	8,354,993
Oil, Gas & Consumable Fuels – 1.4%		
EOG Resources Inc	57,960	6,401,102
Pharmaceuticals – 2.6%	77.047	E 140.0E0
AstraZeneca PLC (ADR) Eli Lilly & Co	77,947 17,120	5,149,958 5,550,818
Horizon Therapeutics PLC*	18,779	1,497,813
	-, -	12,198,589
Professional Services – 1.1%	05.000	5 (00 00 (
CoStar Group Inc* Road & Rail – 1.6%	85,808	5,183,661
JB Hunt Transport Services Inc	25.061	3.946.356
Uber Technologies Inc*	165,898	3,394,273
0		7,340,629
Semiconductor & Semiconductor Equipment – 10.1%	05.040	F 400.000
Advanced Micro Devices Inc* ASML Holding NV	97,042 12,365	7,420,802 5,884,256
Lam Research Corp	14,895	6,347,504
Marvell Technology Inc	68,927	3,000,392
NVIDIA Corp	128,903	19,540,406
Teradyne Inc	26,933	2,411,850
Texas Instruments Inc	18,078	<u>2,777,685</u> 47,382,895
Software – 20.4%		47,002,000
Adobe Inc*	8,852	3,240,363
Atlassian Corp PLC - Class A*	37,125	6,957,225
Autodesk Inc* Avalara Inc*	9,583 30,982	1,647,893 2,187,329
Cadence Design Systems Inc*	22,653	3,398,630
Microsoft Corp	213,459	54,822,675
ServiceNow Inc*	8,972	4,266,365
Synopsys Inc*	13,048	3,962,678
Tyler Technologies Inc* Workday Inc - Class A*	11,855 38,237	3,941,550
Zendesk Inc*	78,929	5,337,120 5,846,271
	10,020	95,608,099
Specialty Retail – 1.1%		
Burlington Stores Inc*	25,517	3,476,181
Olaplex Holdings Inc*	110,266	1,553,648
Technology Hardware, Storage & Peripherals – 6.4%		5,029,829
Apple Inc	218,407	29,860,605

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Schedule of Investments (unaudited) June 30, 2022

	Shares or Principal Amounts	Value
Common Stocks- (continued)		
Textiles, Apparel & Luxury Goods – 2.3%		
Deckers Outdoor Corp*	19,567	\$4,996,433
NIKE Inc - Class B	56,507	5,775,015
		10,771,448
Trading Companies & Distributors – 1.2%		
Ferguson PLC	50,244	5,618,610
Wireless Telecommunication Services – 1.1%		
T-Mobile US Inc*	37,111	4,992,914
Total Common Stocks (cost \$334,620,639)		468,880,256
Investments Purchased with Cash Collateral from Securities Lending- 0.4%		
Investment Companies – 0.3%		
Janus Henderson Cash Collateral Fund LLC, 1.3810% ^{∞,£}	1,450,432	1,450,432
Time Deposits – 0.1%		
Royal Bank of Canada, 1.5600%, 7/1/22	\$362,608	362,608
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$	\$1,813,040)	1,813,040
Total Investments (total cost \$336,433,679) – 100.3%		470,693,296
Liabilities, net of Cash, Receivables and Other Assets – (0.3)%		(1,514,985)
Net Assets – 100%		\$469,178,311

Summary of Investments by Country - (Long Positions) (unaudited)

Country	Value	% of Investment Securities
United States	\$452,701,857	96.2 %
Australia	6,957,225	1.5
Netherlands	5,884,256	1.2
United Kingdom	5,149,958	1.1
Total	\$470,693,296	100.0 %

See Notes to Schedule of Investments and Other Information and Notes to Financial Statements.

Schedule of Investments (unaudited) June 30, 2022

Schedules of Affiliated Investments – (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/22
Investment Companies - N/A Money Markets - N/A						
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	\$	1,112	\$	38	\$ - :	\$ -
Investments Purchased with Cash Collateral fr Investment Companies - 0.3%	om Securiti	es Lending - 0.3%	6			
Janus Henderson Cash Collateral Fund LLC, 1.3810%		21,446 [∆]		-	-	1,450,432
Total Affiliated Investments - 0.3%	\$	22,558	\$	38	\$ -	\$ 1,450,432

	Value at 12/31/21	Purchases	Sales Proceeds	Value at 6/30/22
Investment Companies - N/A Money Markets - N/A		T drondood		ut 0, 00, 22
Janus Henderson Cash Liquidity Fund LLC, 1.3877%	1,878,692	15,885,422	(17,764,152)	-
Investments Purchased with Cash Collateral from Se Investment Companies - 0.3%	curities Lending - 0.3%			
Janus Henderson Cash Collateral Fund LLC, 1.3810%	1,920,280	16,371,931	(16,841,779)	1,450,432

Offsetting of Financial Assets and Derivative Assets

	Gross Amounts of Recognized	Offsetting Asset	Collateral	
Counterparty	Assets	or Liability ^(a)	Pledged ^(b)	Net Amount
JPMorgan Chase Bank, National Association	\$ 1,709,916	\$ _	\$ (1,709,916) \$	_

(a) Represents the amount of assets or liabilities that could be offset with the same counterparty under master netting or similar agreements that management elects not to offset on the Statement of Assets and Liabilities.

(b) Collateral pledged is limited to the net outstanding amount due to/from an individual counterparty. The actual collateral amounts pledged may exceed these amounts and may fluctuate in value.

Janus Henderson VIT Research Portfolio Notes to Schedule of Investments and Other Information (unaudited)

Russell 1000 [®] Growth Index	Russell 1000 [®] Growth Index reflects the performance of U.S. large-cap equities with higher price-to-book ratios and higher forecasted growth values.
Core Growth Index	Core Growth Index is an internally calculated, hypothetical combination of total returns from the Russell 1000° Growth Index (50%) and the S&P 500 $^{\circ}$ Index (50%).
S&P 500 [®] Index	S&P 500 [®] Index reflects U.S. large-cap equity performance and represents broad U.S. equity market performance.
ADR	American Depositary Receipt
LLC	Limited Liability Company
PLC	Public Limited Company

- * Non-income producing security.
- ^{oo} Rate shown is the 7-day yield as of June 30, 2022.
- # Loaned security; a portion of the security is on loan at June 30, 2022.
- S The Portfolio may invest in certain securities that are considered affiliated companies. As defined by the Investment Company Act of 1940, as amended, an affiliated company is one in which the Portfolio owns 5% or more of the outstanding voting securities, or a company which is under common ownership or control.
- Δ Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties.

The following is a summary of the inputs that were used to value the Portfolio's investments in securities and other financial instruments as of June 30, 2022. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	Level 1 - Quoted Prices	Level 2 - Other Significant Observable Inputs	Level 3 - Significant Unobservable Inputs
Assets			
Investments In Securities:			
Common Stocks	\$ 468,880,256	\$ -	\$ -
Investments Purchased with Cash Collateral from Securities			
Lending	-	1,813,040	-
Total Assets	\$ 468,880,256	\$ 1,813,040	\$-

Statement of Assets and Liabilities (unaudited) June 30, 2022

Assets:		
Unaffiliated investments, at value (cost \$334,983,247) ⁽¹⁾	\$	469,242,864
Affiliated investments, at value (cost \$1,450,432)	•	1,450,432
Trustees' deferred compensation		13,712
Receivables:		-,
Investments sold		813,472
Dividends		104,080
Portfolio shares sold		62,285
Foreign tax reclaims		8,096
Dividends from affiliates		308
Other assets		2,619
Total Assets		471,697,868
_iabilities:		
Due to custodian		206,512
Collateral for securities loaned (Note 2)		1,813,040
Payables:		
Advisory fees		181,711
Portfolio shares repurchased		169,229
Professional fees		29,280
12b-1 Distribution and shareholder servicing fees		25,724
Transfer agent fees and expenses		21,035
Trustees' deferred compensation fees		13,712
Trustees' fees and expenses		2,535
Custodian fees		2,300
Affiliated portfolio administration fees payable		1,000
Accrued expenses and other payables		53,479
Total Liabilities		2,519,557
Net Assets	\$	469,178,311
Net Assets Consist of:		
Capital (par value and paid-in surplus)	\$	335,699,837
Total distributable earnings (loss)		133,478,474
Total Net Assets	\$	469,178,311
Net Assets - Institutional Shares	\$	348,682,682
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		11,097,807
Net Asset Value Per Share	\$	31.42
Net Assets - Service Shares	\$	120,495,629
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		4,016,225
Net Asset Value Per Share	\$	30.00

(1) Includes \$1,709,916 of securities on loan. See Note 2 in Notes to Financial Statements.

See Notes to Financial Statements.

Statement of Operations (unaudited) For the period ended June 30, 2022

Investment Income:	•	1050000
Dividends	\$	1,970,368
Affiliated securities lending income, net		21,446
Dividends from affiliates		1,112
Unaffiliated securities lending income, net		543
Other income		89
Foreign tax withheld		(13,920)
Total Investment Income		1,979,638
Expenses:		
Advisory fees		1,353,172
12b-1 Distribution and shareholder servicing fees:		
Service Shares		181,937
Transfer agent administrative fees and expenses:		
Institutional Shares		103,963
Service Shares		36,461
Other transfer agent fees and expenses:		
Institutional Shares		5,837
Service Shares		1,058
Professional fees		23,285
Registration fees		16,267
Shareholder reports expense		7,983
Affiliated portfolio administration fees		7,021
Trustees' fees and expenses		5,331
Custodian fees		3,912
Other expenses		38,369
Total Expenses		1,784,596
Net Investment Income/(Loss)		195,042
Net Realized Gain/(Loss) on Investments:		
Investments and foreign currency transactions		475,807
Investments in affiliates		38
Total Net Realized Gain/(Loss) on Investments		475,845
Change in Unrealized Net Appreciation/Depreciation:		
Investments, foreign currency translations and Trustees' deferred compensation		(210,532,259)
Total Change in Unrealized Net Appreciation/Depreciation		(210,532,259)
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$	(209,861,372)

See Notes to Financial Statements.

Statements of Changes in Net Assets

	Period ended June 30, 2022	Year ended
	(unaudited)	December 31, 2021
Operations:		
Net investment income/(loss)	\$ 195,042	\$ (520,721)
Net realized gain/(loss) on investments	475,845	95,600,133
Change in unrealized net appreciation/depreciation	(210,532,259)	29,592,907
Net Increase/(Decrease) in Net Assets Resulting from Operations	(209,861,372)	124,672,319
Dividends and Distributions to Shareholders:		
Institutional Shares	(69,793,889)	(25,510,438)
Service Shares	(25,045,507)	(9,384,084)
Net Decrease from Dividends and Distributions to Shareholders	(94,839,396)	(34,894,522)
Capital Share Transactions:		
Institutional Shares	53,849,990	(21,249,949)
Service Shares	15,708,849	(10,930,490)
Net Increase/(Decrease) from Capital Share Transactions	69,558,839	(32,180,439)
Net Increase/(Decrease) in Net Assets	(235,141,929)	57,597,358
Net Assets:		
Beginning of period	704,320,240	646,722,882
End of period	\$ 469,178,311	\$ 704,320,240

Janus Henderson VIT Research Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$56.31	\$49.35	\$40.79	\$33.70	\$36.51	\$28.93
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.03	(0.01)	0.14	0.21	0.19	0.16
Net realized and unrealized gain/(loss)	(17.09)	9.73	12.20	11.26	(0.94)	7.87
Total from Investment Operations	(17.06)	9.72	12.34	11.47	(0.75)	8.03
Less Dividends and Distributions:						
Dividends (from net investment income)	—	(0.05)	(0.18)	(0.18)	(0.21)	(0.13)
Distributions (from capital gains)	(7.83)	(2.71)	(3.60)	(4.20)	(1.85)	(0.32)
Total Dividends and Distributions	(7.83)	(2.76)	(3.78)	(4.38)	(2.06)	(0.45)
Net Asset Value, End of Period	\$31.42	\$56.31	\$49.35	\$40.79	\$33.70	\$36.51
Total Return*	(30.37)%	20.33%	32.95%	35.52%	(2.58)%	27.88%
Net Assets, End of Period (in thousands)	\$348,683	\$519,679	\$474,525	\$398,888	\$328,803	\$379,048
Average Net Assets for the Period (in thousands)	\$425,080	\$496,858	\$414,413	\$374,004	\$380,194	\$360,896
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.56%	0.60%	0.60%	0.59%	0.58%	0.61%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.56%	0.60%	0.60%	0.59%	0.58%	0.61%
Ratio of Net Investment Income/(Loss)	0.13%	(0.01)%	0.33%	0.55%	0.50%	0.48%
Portfolio Turnover Rate	14%	33%	33%	38%	47%	55%

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

14 JUNE 30, 2022

Janus Henderson VIT Research Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

2022 (unaudited) and the year ended December 31	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$54.34	\$47.78	\$39.64	\$32.87	\$35.68	\$28.31
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	(0.02)	(0.13)	0.03	0.11	0.09	0.08
Net realized and unrealized gain/(loss)	(16.49)	9.41	11.80	10.98	(0.92)	7.69
Total from Investment Operations	(16.51)	9.28	11.83	11.09	(0.83)	7.77
Less Dividends and Distributions:						
Dividends (from net investment income)	—	(0.01)	(0.09)	(0.12)	(0.13)	(0.08)
Distributions (from capital gains)	(7.83)	(2.71)	(3.60)	(4.20)	(1.85)	(0.32)
Total Dividends and Distributions	(7.83)	(2.72)	(3.69)	(4.32)	(1.98)	(0.40)
Net Asset Value, End of Period	\$30.00	\$54.34	\$47.78	\$39.64	\$32.87	\$35.68
Total Return*	(30.46)%	20.05%	32.58%	35.22%	(2.84)%	27.55%
Net Assets, End of Period (in thousands)	\$120,496	\$184,641	\$172,198	\$150,614	\$126,817	\$160,439
Average Net Assets for the Period (in thousands)	\$149,108	\$178,748	\$151,973	\$141,550	\$148,101	\$155,006
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.81%	0.85%	0.85%	0.84%	0.83%	0.86%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.81%	0.85%	0.85%	0.84%	0.83%	0.86%
Ratio of Net Investment Income/(Loss)	(0.11)%	(0.26)%	0.08%	0.30%	0.25%	0.23%
Portfolio Turnover Rate	14%	33%	33%	38%	47%	55%
	11/0	0070	0070	0070	11 /0	0070

* Total return includes adjustments in accordance with generally accepted accounting principles required at the year or period end and are not annualized for periods of less than one full year. Total return does not include fees, charges, or expenses imposed by the variable annuity and life insurance contracts for which Janus Aspen Series serves as an underlying investment vehicle.

** Annualized for periods of less than one full year.

(1) Per share amounts are calculated based on average shares outstanding during the year or period.

See Notes to Financial Statements.

Notes to Financial Statements (unaudited)

1. Organization and Significant Accounting Policies

Janus Henderson VIT Research Portfolio (the "Portfolio") is a series of Janus Aspen Series (the "Trust"), which is organized as a Delaware statutory trust and is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company, and therefore has applied the specialized accounting and reporting guidance in Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") Topic 946. The Trust offers 11 portfolios, each of which offers multiple share classes, with differing investment objectives and policies. The Portfolio seeks long-term growth of capital. The Portfolio is classified as diversified, as defined in the 1940 Act. Janus Henderson Investors US LLC is the investment adviser (the "Adviser") to the Portfolio.

The Portfolio currently offers two classes of shares: Institutional Shares and Service Shares. Each class represents an interest in the same portfolio of investments. Institutional Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans. Service Shares are offered only in connection with investment in and payments under variable insurance contracts as well as certain qualified retirement plans that require a fee from Portfolio assets to procure distribution and administrative services to contract owners and plan participants.

Shareholders, including participating insurance companies, as well as accounts, may from time to time own (beneficially or of record) a significant percentage of the Portfolio's Shares and can be considered to "control" the Portfolio when that ownership exceeds 25% of the Portfolio's assets (and which may differ from control as determined in accordance with United States of America generally accepted accounting principles ("US GAAP")).

The following accounting policies have been followed by the Portfolio and are in conformity with US GAAP.

Investment Valuation

Securities held by the Portfolio are valued in accordance with policies and procedures established by and under the supervision of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at the closing prices on the primary market or exchange on which they trade. If such price is lacking for the trading period immediately preceding the time of determination, such securities are generally valued at their current bid price. Equity securities that are traded on a foreign exchange are generally valued at the closing prices on such markets. In the event that there is no current trading volume on a particular security in such foreign exchange, the bid price from the primary exchange is generally used to value the security. Securities that are traded on the over-thecounter ("OTC") markets are generally valued at their closing or latest bid prices as available. Foreign securities and currencies are converted to U.S. dollars using the applicable exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Portfolio will determine the market value of individual securities held by it by using prices provided by one or more approved professional pricing services or, as needed, by obtaining market quotations from independent broker-dealers. Most debt securities are valued in accordance with the evaluated bid price supplied by the pricing service that is intended to reflect market value. The evaluated bid price supplied by the pricing service is an evaluation that may consider factors such as security prices, yields, maturities and ratings. Certain short-term securities maturing within 60 days or less may be evaluated and valued on an amortized cost basis provided that the amortized cost determined approximates market value. Securities for which market guotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith under the Valuation Procedures. Circumstances in which fair value pricing may be utilized include, but are not limited to: (i) a significant event that may affect the securities of a single issuer, such as a merger, bankruptcy, or significant issuer-specific development; (ii) an event that may affect an entire market, such as a natural disaster or significant governmental action; (iii) a nonsignificant event such as a market closing early or not opening, or a security trading halt; and (iv) pricing of a nonvalued security and a restricted or nonpublic security. Special valuation considerations may apply with respect to "odd-lot" fixed-income transactions which, due to their small size, may receive evaluated prices by pricing services which reflect a large block trade and not what actually could be obtained for the odd-lot position. The Portfolio uses systematic fair valuation models provided by independent third parties to value international equity securities in order to adjust for stale pricing, which may occur between the close of certain foreign exchanges and the close of the NYSE.

Valuation Inputs Summary

FASB ASC 820, Fair Value Measurements and Disclosures ("ASC 820"), defines fair value, establishes a framework for measuring fair value, and expands disclosure requirements regarding fair value measurements. This standard emphasizes that fair value is a market-based measurement that should be determined based on the assumptions that

market participants would use in pricing an asset or liability and establishes a hierarchy that prioritizes inputs to valuation techniques used to measure fair value. These inputs are summarized into three broad levels:

Level 1 – Unadjusted quoted prices in active markets the Portfolio has the ability to access for identical assets or liabilities.

Level 2 – Observable inputs other than unadjusted quoted prices included in Level 1 that are observable for the asset or liability either directly or indirectly. These inputs may include quoted prices for the identical instrument on an inactive market, prices for similar instruments, interest rates, prepayment speeds, credit risk, yield curves, default rates and similar data.

Assets or liabilities categorized as Level 2 in the hierarchy generally include: debt securities fair valued in accordance with the evaluated bid or ask prices supplied by a pricing service; securities traded on OTC markets and listed securities for which no sales are reported that are fair valued at the latest bid price (or yield equivalent thereof) obtained from one or more dealers transacting in a market for such securities or by a pricing service approved by the Portfolio's Trustees; certain short-term debt securities with maturities of 60 days or less that are fair valued at amortized cost; and equity securities of foreign issuers whose fair value is determined by using systematic fair valuation models provided by independent third parties in order to adjust for stale pricing which may occur between the close of certain foreign exchanges and the close of the NYSE. Other securities that may be categorized as Level 2 in the hierarchy include, but are not limited to, preferred stocks, bank loans, swaps, investments in unregistered investment companies, options, and forward contracts.

Level 3 – Unobservable inputs for the asset or liability to the extent that relevant observable inputs are not available, representing the Portfolio's own assumptions about the assumptions that a market participant would use in valuing the asset or liability, and that would be based on the best information available.

There have been no significant changes in valuation techniques used in valuing any such positions held by the Portfolio since the beginning of the fiscal year.

The inputs or methodology used for fair valuing securities are not necessarily an indication of the risk associated with investing in those securities. The summary of inputs used as of June 30, 2022 to fair value the Portfolio's investments in securities and other financial instruments is included in the "Valuation Inputs Summary" in the Notes to Schedule of Investments and Other Information.

Investment Transactions and Investment Income

Investment transactions are accounted for as of the date purchased or sold (trade date). Dividend income is recorded on the ex-dividend date. Certain dividends from foreign securities will be recorded as soon as the Portfolio is informed of the dividend, if such information is obtained subsequent to the ex-dividend date. Dividends from foreign securities may be subject to withholding taxes in foreign jurisdictions. Non-cash dividends, if any, are recorded on the ex-dividend date at fair value. Interest income is recorded daily on the accrual basis and includes amortization of premiums and accretion of discounts. The Portfolio classifies gains and losses on prepayments received as an adjustment to interest income. Debt securities may be placed in non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivables when collection of all or a portion of interest has become doubtful. Gains and losses are determined on the identified cost basis, which is the same basis used for federal income tax purposes. Income, as well as gains and losses, both realized and unrealized, are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets.

Expenses

The Portfolio bears expenses incurred specifically on its behalf. Each class of shares bears a portion of general expenses, which are allocated daily to each class of shares based upon the ratio of net assets represented by each class as a percentage of total net assets. Expenses directly attributable to a specific class of shares are charged against the operations of such class.

Estimates

The preparation of financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of income and expenses during the reporting period. Actual results could differ from those estimates.

Notes to Financial Statements (unaudited)

Indemnifications

In the normal course of business, the Portfolio may enter into contracts that contain provisions for indemnification of other parties against certain potential liabilities. The Portfolio's maximum exposure under these arrangements is unknown, and would involve future claims that may be made against the Portfolio that have not yet occurred. Currently, the risk of material loss from such claims is considered remote.

Foreign Currency Translations

The Portfolio does not isolate that portion of the results of operations resulting from the effect of changes in foreign exchange rates on investments from the fluctuations arising from changes in market prices of securities held at the date of the financial statements. Net unrealized appreciation or depreciation of investments and foreign currency translations arise from changes in the value of assets and liabilities, including investments in securities held at the date of the financial statements, resulting from changes in the exchange rates and changes in market prices of securities held.

Currency gains and losses are also calculated on payables and receivables that are denominated in foreign currencies. The payables and receivables are generally related to foreign security transactions and income translations.

Foreign currency-denominated assets and forward currency contracts may involve more risks than domestic transactions, including currency risk, counterparty risk, political and economic risk, regulatory risk and equity risk. Risks may arise from unanticipated movements in the value of foreign currencies relative to the U.S. dollar.

Dividends and Distributions

The Portfolio may make semiannual distributions of substantially all of its investment income and an annual distribution of its net realized capital gains (if any).

The Portfolio may make certain investments in real estate investment trusts ("REITs") which pay dividends to their shareholders based upon funds available from operations. It is quite common for these dividends to exceed the REITs' taxable earnings and profits, resulting in the excess portion of such dividends being designated as a return of capital. If the Portfolio distributes such amounts, such distributions could constitute a return of capital to shareholders for federal income tax purposes.

Federal Income Taxes

The Portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income in accordance with the requirements of Subchapter M of the Internal Revenue Code. Management has analyzed the Portfolio's tax positions taken for all open federal income tax years, generally a three-year period, and has concluded that no provision for federal income tax is required in the Portfolio's financial statements. The Portfolio is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months.

2. Other Investments and Strategies

Additional Investment Risk

In response to the COVID-19 pandemic, the U.S. government and the Federal Reserve, as well as certain foreign governments and central banks, have taken extraordinary actions to support local and global economies and the financial markets, including reducing interest rates to record-low levels. Extremely low or negative interest rates may become more prevalent or may not work as intended. As there is little precedent for this situation, the impact on various markets that interest rate or other significant policy changes may have is unknown. The withdrawal of this support, a failure of measures put in place in response to such economic uncertainty, or investor perception that such efforts were not sufficient could each negatively affect financial markets generally, and the value and liquidity of specific securities. In addition, policy and legislative changes in the United States and in other countries continue to impact many aspects of financial regulation.

Widespread disease, including pandemics and epidemics, and natural or environmental disasters, including those which may be attributable to global climate change, such as earthquakes, fires, floods, hurricanes, tsunamis and weatherrelated phenomena generally, have been and can be highly disruptive to economies and markets, adversely impacting individual companies, sectors, industries, markets, currencies, interest and inflation rates, credit ratings, investor sentiment, and other factors affecting the value of a Portfolio's investments. Economies and financial markets throughout the world have become increasingly interconnected, which increases the likelihood that events or conditions in one region or country will adversely affect markets or issuers in other regions or countries, including the United

States. These disruptions could prevent a Portfolio from executing advantageous investment decisions in a timely manner and negatively impact a Portfolio's ability to achieve its investment objective(s). Any such event(s) could have a significant adverse impact on the value of a Portfolio. In addition, these disruptions could also impair the information technology and other operational systems upon which the Portfolio's service providers, including the Adviser or the subadviser (as applicable), rely, and could otherwise disrupt the ability of employees of the Portfolio's service providers to perform essential tasks on behalf of the Portfolio. Adverse weather conditions may also have a particularly significant negative effect on issuers in the agricultural sector and on insurance and reinsurance companies that insure or reinsure against the impact of natural disasters.

A number of countries in the European Union (the "EU") have experienced, and may continue to experience, severe economic and financial difficulties. In particular, many EU nations are susceptible to economic risks associated with high levels of debt. Many non-governmental issuers, and even certain governments, have defaulted on, or been forced to restructure, their debts. Many other issuers have faced difficulties obtaining credit or refinancing existing obligations. Financial institutions have in many cases required government or central bank support, have needed to raise capital, and/or have been impaired in their ability to extend credit. As a result, financial markets in the EU have experienced extreme volatility and declines in asset values and liquidity. These difficulties may continue, worsen, or spread further within the EU. Responses to these financial problems by European governments, central banks, and others, including austerity measures and reforms, may not work, may result in social unrest, and may limit future growth and economic recovery or have other unintended consequences. Among other things, these developments have adversely affected the value and exchange rate of the euro and pound sterling, and may continue to significantly affect the economies of all EU countries, which in turn may have a material adverse effect on the Portfolio's investments in such countries, other countries that depend on EU countries for significant amounts of trade or investment, or issuers with exposure to debt issued by certain EU countries.

Counterparties

Portfolio transactions involving a counterparty are subject to the risk that the counterparty or a third party will not fulfill its obligation to the Portfolio ("counterparty risk"). Counterparty risk may arise because of the counterparty's financial condition (i.e., financial difficulties, bankruptcy, or insolvency), market activities and developments, or other reasons, whether foreseen or not. A counterparty's inability to fulfill its obligation may result in significant financial loss to the Portfolio. The Portfolio may be unable to recover its investment from the counterparty or may obtain a limited recovery, and/or recovery may be delayed. The extent of the Portfolio's exposure to counterparty risk with respect to financial assets and liabilities approximates its carrying value. See the "Offsetting Assets and Liabilities" section of this Note for further details.

The Portfolio may be exposed to counterparty risk through participation in various programs, including, but not limited to, lending its securities to third parties, cash sweep arrangements whereby the Portfolio's cash balance is invested in one or more types of cash management vehicles, as well as investments in, but not limited to, repurchase agreements, debt securities, and derivatives, including various types of swaps, futures and options. The Portfolio intends to enter into financial transactions with counterparties that the Adviser believes to be creditworthy at the time of the transaction. There is always the risk that the Adviser's analysis of a counterparty's creditworthiness is incorrect or may change due to market conditions. To the extent that the Portfolio focuses its transactions with a limited number of counterparties, it will have greater exposure to the risks associated with one or more counterparties.

Offsetting Assets and Liabilities

The Portfolio presents gross and net information about transactions that are either offset in the financial statements or subject to an enforceable master netting arrangement or similar agreement with a designated counterparty, regardless of whether the transactions are actually offset in the Statement of Assets and Liabilities.

The Offsetting Assets and Liabilities table located in the Schedule of Investments presents gross amounts of recognized assets and/or liabilities and the net amounts after deducting collateral that has been pledged by counterparties or has been pledged to counterparties (if applicable). For corresponding information grouped by type of instrument, see the Portfolio's Schedule of Investments.

JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. Securities on loan will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the Securities and Exchange Commission (the "SEC"). See "Securities Lending" in the "Notes to Financial Statements" for additional information.

Real Estate Investing

The Portfolio may invest in equity and debt securities of real estate-related companies. Such companies may include those in the real estate industry or real estate-related industries. These securities may include common stocks, corporate bonds, preferred stocks, and other equity securities, including, but not limited to, mortgage-backed securities, real estate-backed securities, securities of REITs and similar REIT-like entities. A REIT is a trust that invests in real estate-related projects, such as properties, mortgage loans, and construction loans. REITs are generally categorized as equity, mortgage, or hybrid REITs. A REIT may be listed on an exchange or traded OTC.

Securities Lending

Under procedures adopted by the Trustees, the Portfolio may seek to earn additional income by lending securities to certain qualified broker-dealers and institutions. JPMorgan Chase Bank, National Association acts as securities lending agent and a limited purpose custodian or subcustodian to receive and disburse cash balances and cash collateral, hold short-term investments, hold collateral, and perform other custodial functions in accordance with the Non-Custodial Securities Lending Agreement. The Portfolio may lend portfolio securities in an amount equal to up to 1/3 of its total assets as determined at the time of the loan origination. There is the risk of delay in recovering a loaned security or the risk of loss in collateral rights if the borrower fails financially. In addition, the Adviser makes efforts to balance the benefits and risks from granting such loans. All loans will be continuously secured by collateral which may consist of cash, U.S. Government securities, domestic and foreign short-term debt instruments, letters of credit, time deposits, repurchase agreements, money market mutual funds or other money market accounts, or such other collateral as permitted by the SEC. If the Portfolio is unable to recover a security on loan, the Portfolio may use the collateral to purchase replacement securities in the market. There is a risk that the value of the collateral could decrease below the cost of the replacement security by the time the replacement investment is made, resulting in a loss to the Portfolio. In certain circumstances individual loan transactions could yield negative returns.

Upon receipt of cash collateral, the Adviser may invest it in affiliated or non-affiliated cash management vehicles, whether registered or unregistered entities, as permitted by the 1940 Act and rules promulgated thereunder. The Adviser currently intends to primarily invest the cash collateral in a cash management vehicle for which the Adviser serves as investment adviser, Janus Henderson Cash Collateral Fund LLC, or in time deposits. An investment in Janus Henderson Cash Collateral Fund LLC is generally subject to the same risks that shareholders experience when investing in similarly structured vehicles, such as the potential for significant fluctuations in assets as a result of the purchase and redemption activity of the securities lending program, a decline in the value of the collateral, and possible liquidity issues. Such risks may delay the return of the cash collateral and cause the Portfolio to violate its agreement to return the cash collateral to a borrower in a timely manner. As adviser to the Portfolio and Janus Henderson Cash Collateral Fund LLC, the Adviser has an inherent conflict of interest as a result of its fiduciary duties to both the Portfolio and Janus Henderson Cash Collateral Fund LLC. Additionally, the Adviser receives an investment advisory fee of 0.05% for managing Janus Henderson Cash Collateral Fund LLC, but it may not receive a fee for managing certain other affiliated cash management vehicles in which the Portfolio may invest, and therefore may have an incentive to allocate preferred investment opportunities to investment vehicles for which it is receiving a fee.

The value of the collateral must be at least 102% of the market value of the loaned securities that are denominated in U.S. dollars and 105% of the market value of the loaned securities that are not denominated in U.S. dollars. Loaned securities and related collateral are marked-to-market each business day based upon the market value of the loaned securities at the close of business, employing the most recent available pricing information. Collateral levels are then adjusted based on this mark-to-market evaluation. Additional required collateral, or excess collateral returned, is delivered on the next business day. Therefore, the value of the collateral held may be temporarily less than 102% or

105% value of the securities on loan. The cash collateral invested by the Adviser is disclosed in the Schedule of Investments (if applicable).

Income earned from the investment of the cash collateral, net of rebates paid to, or fees paid by, borrowers and less the fees paid to the lending agent are included as "Affiliated securities lending income, net" on the Statement of Operations. As of June 30, 2022, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$1,709,916. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2022 is \$1,813,040, resulting in the net amount due to the counterparty of \$103,124.

3. Investment Advisory Agreements and Other Transactions with Affiliates

The Portfolio pays the Adviser an investment advisory fee rate that may adjust up or down based on the Portfolio's performance relative to its benchmark index.

The investment advisory fee rate paid to the Adviser by the Portfolio consists of two components: (1) a base fee calculated by applying the contractual fixed rate of the advisory fee to the Portfolio's average daily net assets during the previous month (the "Base Fee Rate"), plus or minus (2) a performance-fee adjustment (the "Performance Adjustment") calculated by applying a variable rate of up to 0.15% (positive or negative) to the Portfolio's average daily net assets based on the Portfolio's relative performance compared to the cumulative investment record of its benchmark index over a 36-month performance measurement period or shorter time period, as applicable. The investment advisory fee rate is calculated daily and paid monthly.

The investment performance of the Portfolio's Service Shares for the performance measurement period is used to calculate the Performance Adjustment. The Portfolio's Base Fee Rate prior to any performance adjustment (expressed as an annual rate) is 0.64%, and the Portfolio's benchmark index used in the calculation is the Russell 1000 Growth Index[®]. Effective May 1, 2020, the Core Growth Index was eliminated from the Performance Adjustment calculation for the Portfolio.

No Performance Adjustment is applied unless the difference between the Portfolio's investment performance and the cumulative investment record of the Portfolio's benchmark index is 0.50% or greater (positive or negative) during the applicable performance measurement period. The Base Fee Rate is subject to an upward or downward Performance Adjustment for every full 0.50% increment by which the Portfolio outperforms or underperforms its benchmark index, up to the Portfolio's full performance rate of ±5.00%. Because the Performance Adjustment is tied to a Portfolio's relative performance compared to its benchmark index (and not its absolute performance), the Performance Adjustment could increase the Adviser's fee even if the Portfolio's Shares lose value during the performance measurement period and could decrease the Adviser's fee even if the Portfolio's Shares increase in value during the performance measurement period. For purposes of computing the Base Fee Rate and the Performance Adjustment, net assets are averaged over different periods (average daily net assets during the previous month for the Base Fee Rate, versus average daily net assets during the performance Adjustment). Performance of the Portfolio is calculated net of expenses whereas the Portfolio's benchmark index does not have any fees or expenses. Reinvestment of dividends and distributions is included in calculating both the performance of a Portfolio and the Portfolio's benchmark index.

The Portfolio's prospectuses and statement(s) of additional information contain additional information about performance-based fees. The amount shown as advisory fees on the Statement of Operations reflects the Base Fee Rate plus/minus any Performance Adjustment. For the period ended June 30, 2022, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.47%.

The Adviser serves as administrator to the Portfolio pursuant to an administration agreement between the Adviser and the Trust. Under the administration agreement, the Adviser is authorized to perform, or cause others to perform certain administration, compliance, and accounting services to the Portfolio, including providing office space for the Portfolio, and is reimbursed by the Portfolio for certain of its costs in providing these services (to the extent the Adviser seeks reimbursement and such costs are not otherwise waived). In addition, employees of the Adviser and/or its affiliates may serve as officers of the Trust. The Portfolio pays for some or all of the salaries, fees, and expenses of the Adviser employees and Portfolio officers, with respect to certain specified administration functions they perform on behalf of the Portfolio. The Portfolio pays these costs based on out-of-pocket expenses incurred by the Adviser, and these costs are separate and apart from advisory fees and other expenses paid in connection with the investment advisory services the Adviser (or any subadvisor, as applicable) provides to the Portfolio. These amounts are disclosed as "Affiliated portfolio

administration fees" on the Statement of Operations. In addition, some expenses related to compensation payable to the Portfolio's Chief Compliance Officer and certain compliance staff, all of whom are employees of the Adviser and/or its affiliates, are shared with the Portfolio. Total compensation of \$26,340 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2022. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

Janus Henderson Services US LLC (the "Transfer Agent"), a wholly-owned subsidiary of the Adviser, is the Portfolio's transfer agent. The Transfer Agent receives an administrative services fee at an annual rate of 0.05% of the average daily net assets of the Portfolio for arranging for the provision by participating insurance companies and qualified plan service providers of administrative services, including, but not limited to, recordkeeping, subaccounting, answering inquiries regarding accounts, order processing, transaction confirmations, the mailing of prospectuses and shareholder reports, and other shareholder services provided on behalf of contract holders or plan participants investing in the Portfolio. The Transfer Agent expects to use this entire fee to compensate insurance companies and qualified plan service providers for providing these services to their customers who invest in the Portfolio.

The Transfer Agent is not compensated for internal services related to the shares, except for out-of-pocket costs. These amounts are disclosed as "Other transfer agent fees and expenses" on the Statement of Operations.

Under a distribution and shareholder servicing plan (the "Plan") adopted in accordance with Rule 12b-1 under the 1940 Act, the Service Shares may pay the Trust's distributor, Janus Henderson Distributors US LLC (the "Distributor"), a wholly-owned subsidiary of the Adviser, a fee for the sale and distribution and/or shareholder servicing of the Service Shares at an annual rate of up to 0.25% of the average daily net assets of the Service Shares. Under the terms of the Plan, the Trust is authorized to make payments to the Distributor for remittance to insurance companies and qualified plan service providers as compensation for distribution and/or shareholder services performed by such entities. These amounts are disclosed as "12b-1 Distribution and shareholder servicing fees" on the Statement of Operations.

The Board of Trustees has adopted a deferred compensation plan (the "Deferred Plan") for independent Trustees to elect to defer receipt of all or a portion of the annual compensation they are entitled to receive from the Portfolio. All deferred fees are credited to an account established in the name of the Trustees. The amounts credited to the account then increase or decrease, as the case may be, in accordance with the performance of one or more of the Janus Henderson funds that are selected by the Trustees. The account balance continues to fluctuate in accordance with the performance of the selected fund or funds until final payment of all amounts are credited to the account. The fluctuation of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2022 on the Statement of Assets and Liabilities in the asset, "Trustees' deferred compensation estimation," and liability, "Trustees' deferred compensation fees." Additionally, the recorded unrealized appreciation/(depreciation) is included in "Total distributable earnings (loss)" on the Statement of Assets and Liabilities. Deferred compensation expenses for the period ended June 30, 2022 are included in "Trustees' fees and expenses" on the Statement of Operations. Trustees are allowed to change their designation of mutual funds from time to time. Amounts will be deferred until distributed in accordance with the Deferred Plan. Deferred fees of \$226,926 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2022.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or nonaffiliated cash sweep program. In the cash sweep program, uninvested cash balances of the Portfolio may be used to purchase shares of affiliated or non-affiliated money market funds or cash management pooled investment vehicles that operate as money market funds. The Portfolio is eligible to participate in the cash sweep program (the "Investing Funds"). The Adviser has an inherent conflict of interest because of its fiduciary duties to the affiliated money market funds or cash management pooled investment vehicles and the Investing Funds. Janus Henderson Cash Liquidity Fund LLC (the "Sweep Vehicle") is an affiliated unregistered cash management pooled investment vehicle that invests primarily in highly-rated short-term fixed-income securities. The Sweep Vehicle operates pursuant to the provisions of the 1940 Act that govern the operation of money market funds and prices its shares at NAV reflecting market-based values of its portfolio securities (i.e., a "floating" NAV) rounded to the fourth decimal place (e.g., \$1.0000). The Sweep Vehicle is permitted to impose a liquidity fee (of up to 2%) on redemptions from the Sweep Vehicle or a redemption gate that temporarily suspends redemptions from the Sweep Vehicle for up to 10 business days during a 90 day period. There are no restrictions on the Portfolio's ability to withdraw investments from the Sweep Vehicle at will, and there are no unfunded capital commitments due from the Portfolio to the Sweep Vehicle. The Sweep Vehicle does not charge any management fee, sales charge or service fee.

Any purchases and sales, realized gains/losses and recorded dividends from affiliated investments during the period ended June 30, 2022 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

4. Federal Income Tax

Income and capital gains distributions are determined in accordance with income tax regulations that may differ from US GAAP. These differences are due to differing treatments for items such as net short-term gains, deferral of wash sale losses, foreign currency transactions, net investment losses, and capital loss carryovers.

The Portfolio has elected to treat gains and losses on forward foreign currency contracts as capital gains and losses, if applicable. Other foreign currency gains and losses on debt instruments are treated as ordinary income for federal income tax purposes pursuant to Section 988 of the Internal Revenue Code.

The aggregate cost of investments and the composition of unrealized appreciation and depreciation of investment securities for federal income tax purposes as of June 30, 2022 are noted below. The primary differences between book and tax appreciation or depreciation of investments are wash sale loss deferrals, straddle deferrals, and investments in partnerships.

	Unrealized	Unrealized	Net	Tax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 337,692,068	\$180,002,560	\$(47,001,332)	\$	133,001,228

5. Capital Share Transactions

	Period ended June 30, 2022		Year ended I	December 31, 2021
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	64,255	\$ 2,844,672	151,828	\$ 7,960,660
Reinvested dividends and distributions	2,210,066	69,793,889	503,363	25,510,438
Shares repurchased	(406,138)	(18,788,571)	(1,041,978)	(54,721,047)
Net Increase/(Decrease)	1,868,183	\$53,849,990	(386,787)	\$(21,249,949)
Service Shares:				
Shares sold	68,048	\$ 3,021,490	129,269	\$ 6,465,528
Reinvested dividends and distributions	830,421	25,045,507	191,590	9,384,084
Shares repurchased	(280,374)	(12,358,148)	(526,614)	(26,780,102)
Net Increase/(Decrease)	618,095	\$15,708,849	(205,755)	\$(10,930,490)

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2022, the aggregate cost of purchases and proceeds from sales of investment securities (excluding any short-term securities, short-term options contracts, TBAs, and in-kind transactions, as applicable) was as follows:

		Purchases of Long-	Proceeds from Sales
Purchases of	Proceeds from Sales	Term U.S. Government	of Long-Term U.S.
Securities	of Securities	Obligations	Government Obligations
\$82,426,189	\$105,828,032	\$ -	\$ -

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2022 and through the date of issuance of the Portfolio's financial statements and determined that there were no material events or transactions that would require recognition or disclosure in the Portfolio's financial statements.

Additional Information (unaudited)

Proxy Voting Policies and Voting Record

A description of the policies and procedures that the Portfolio uses to determine how to vote proxies relating to its portfolio securities is available without charge: (i) upon request, by calling 1-800-525-1093; (ii) on the Portfolio's website at janushenderson.com/proxyvoting; and (iii) on the SEC's website at http://www.sec.gov. Additionally, information regarding the Portfolio's proxy voting record for the most recent twelve-month period ended June 30 is also available, free of charge, through janushenderson.com/proxyvoting and from the SEC's website at http://www.sec.gov.

Full Holdings

The Portfolio files its complete portfolio holdings (schedule of investments) with the SEC as an exhibit to Form N-PORT within 60 days of the end of the first and third fiscal quarters, and in the annual report and semiannual report to shareholders. The Portfolio's Form N-PORT filings and annual and semiannual reports: (i) are available on the SEC's website at http://www.sec.gov; (ii) may be reviewed and copied at the SEC's Public Reference Room in Washington, D.C. (information on the Public Reference Room may be obtained by calling 1-800-SEC-0330); and (iii) are available without charge, upon request, by calling a Janus Henderson representative at 1-877-335-2687 (toll free). Portfolio holdings consisting of at least the names of the holdings are generally available on a monthly basis with a 30-day lag under Full Holdings for the Portfolio at janushenderson.com/vit.

APPROVAL OF ADVISORY AGREEMENTS DURING THE PERIOD

The Trustees of Janus Aspen Series, each of whom serves as an "independent" Trustee (the "Trustees"), oversee the management of each portfolio of Janus Aspen Series (each, a "VIT Portfolio," and collectively, the "VIT Portfolios"), as well as each fund of Janus Investment Fund (each, a "Fund," and collectively, the "Funds" and together with the VIT Portfolios, the "Janus Henderson Funds," and each, a "Janus Henderson Fund"). As required by law, the Trustees determine annually whether to continue the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each Janus Henderson Fund that utilizes a subadviser.

In connection with their most recent consideration of those agreements for each Janus Henderson Fund, the Trustees received and reviewed information provided by Janus Henderson Investors US LLC (the "Adviser") and the subadviser in response to requests of the Trustees and their independent legal counsel. They also received and reviewed information and analysis provided by, and in response to requests of, their independent fee consultant. Throughout their consideration of the agreements, the Trustees were advised by their independent legal counsel. The Trustees met with management to consider the agreements, and also met separately in executive session with their independent legal counsel and their independent fee consultant.

At meetings held on November 3-4, 2021 and December 7-8, 2021, the Trustees' evaluated the information provided by the Adviser, the subadviser, and the independent fee consultant, as well as other information addressed during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser and each subadviser, as applicable, were fair and reasonable in light of the nature, extent and quality of the services provided by the Adviser, its affiliates and the subadviser, the fees charged for those services, and other matters that the Trustees considered relevant in the exercise of their business judgment and unanimously approved the continuation of the investment advisory agreement for each Janus Henderson Fund and the subadvisory agreement for each subadvised Janus Henderson Fund, for the period from February 1, 2022 through February 1, 2023, subject to earlier termination as provided for in each agreement.

In considering the continuation of those agreements, the Trustees reviewed and analyzed various factors that they determined were relevant, including the factors described below, none of which by itself was considered dispositive. However, the material factors and conclusions that formed the basis for the Trustees' determination to approve the continuation of the agreements are discussed separately below. Also included is a summary of the independent fee consultant's conclusions and opinions that arose during, and were included as part of, the Trustees' consideration of the agreements. "Management fees," as used herein, reflect actual annual advisory fees and, for the purpose of peer comparisons any administration fees (excluding out of pocket costs), net of any waivers, paid by a fund as a percentage of average net assets.

Nature, Extent and Quality of Services

The Trustees reviewed the nature, extent and quality of the services provided by the Adviser and the subadviser to the Janus Henderson Funds, taking into account the investment objective, strategies and policies of each Janus Henderson Fund, and the knowledge the Trustees gained from their regular meetings with management on at least a quarterly

basis and their ongoing review of information related to the Janus Henderson Funds. In addition, the Trustees reviewed the resources and key personnel of the Adviser and the subadviser, particularly noting those employees who provide investment and risk management services to the Janus Henderson Funds. The Trustees also considered other services provided to the Janus Henderson Funds by the Adviser or the subadviser, such as managing the execution of portfolio transactions and the selection of broker-dealers for those transactions. The Trustees considered the Adviser's role as administrator to the Janus Henderson Funds, noting that the Adviser generally does not receive a fee for its services as administrator, but is reimbursed for its out-of-pocket costs. The Trustees considered the role of the Adviser in monitoring adherence to the Janus Henderson Funds' investment restrictions, providing support services for the Trustees and Trustee committees, and overseeing communications with shareholders and the activities of other service providers, including monitoring compliance with various policies and procedures of the Janus Henderson Funds and with applicable securities laws and regulations.

In this regard, the independent fee consultant noted that the Adviser provides a number of different services for the Janus Henderson Funds and fund shareholders, ranging from investment management services to various other servicing functions, and that, in its view, the Adviser is a capable provider of those services. The independent fee consultant also provided its belief that the Adviser has developed a number of institutional competitive advantages that should enable it to provide superior investment and service performance over the long term.

The Trustees concluded that the nature, extent and quality of the services provided by the Adviser and the subadviser to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory and subadvisory agreements, and that, taking into account steps taken to address those Janus Henderson Funds whose performance lagged that of their peers for certain periods, the Janus Henderson Funds were likely to benefit from the continued provision of those services. They also concluded that the Adviser and the subadviser had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and each had demonstrated its ability to attract well-qualified personnel.

Performance of the Funds

The Trustees considered the performance results of each Janus Henderson Fund over various time periods. They noted that they considered Janus Henderson Fund performance data throughout the year, including periodic meetings with each Janus Henderson Fund's portfolio manager(s), and also reviewed information comparing each Janus Henderson Fund's performance with the performance of comparable funds and peer groups identified by Broadridge Financial Solutions, Inc. ("Broadridge"), an independent data provider, and with the Janus Henderson Fund's benchmark index. In this regard, the independent fee consultant found that the overall Janus Henderson Funds' performance has been reasonable: for the 36 months ended September 30, 2021, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers, and for the 12 months ended September 30, 2021, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance versus Broadridge peers.

The Trustees considered the performance of each Janus Henderson Fund, noting that performance may vary by share class, and noted the following with respect to the VIT Portfolios:

- For Janus Henderson Balanced Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Forty Portfolio, the Trustees noted that the Fund's performance was in the first Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.

- For Janus Henderson Global Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the second Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the Fund's performance was in the second Broadridge quartile for the 36 months ended May 31, 2021 and the first Broadridge quartile for the 12 months ended May 31, 2021.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's performance was in the third Broadridge quartile for the 36 months ended May 31, 2021 and the third Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance, while also noting that the Fund has a performance fee structure that results in lower management fees during periods of underperformance, and the steps the Adviser had taken or was taking to improve performance.
- For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2021 and the bottom Broadridge quartile for the 12 months ended May 31, 2021. The Trustees noted the reasons for the Fund's underperformance and the steps the Adviser and subadviser had taken or were taking to improve performance.

In consideration of each Janus Henderson Fund's performance, the Trustees concluded that, taking into account the factors relevant to performance, as well as other considerations, including steps taken to improve performance, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory and subadvisory agreement(s).

Costs of Services Provided

The Trustees examined information regarding the fees and expenses of each Janus Henderson Fund in comparison to similar information for other comparable funds as provided by Broadridge, an independent data provider. They also reviewed an analysis of that information provided by their independent fee consultant and noted that the rate of management fees (investment advisory fees and any administration fees but excluding out-of-pocket costs) for many of the Janus Henderson Funds, after applicable waivers, was below the average management fee rate of the respective peer group of funds selected by an independent data provider. The Trustees also examined information regarding the subadvisory fees charged for subadvisory services, as applicable, noting that all such fees were paid by the Adviser out of its management fees collected from such Janus Henderson Fund.

The independent fee consultant provided its belief that the management fees charged by the Adviser to each of the Janus Henderson Funds under the current investment advisory and administration agreements are reasonable in relation to the services provided by the Adviser. The independent fee consultant found: (1) the total expenses and management fees of the Janus Henderson Funds to be reasonable relative to other comparable mutual funds; (2) the total expenses, on average, were 8% under the average total expenses of the respective Broadridge Expense Group peers; and (3) and the management fees for the Janus Henderson Funds, on average, were 6% under the average management fees for the respective Broadridge Expense Group. The Trustees also considered the total expenses for each share class of each Janus Henderson Fund compared to the average total expenses for its Broadridge Expense Group and to average total expenses for its Broadridge Expense Universe.

For certain Janus Henderson Funds, the independent fee consultant also performed a systematic "focus list" analysis of expenses which assessed fund fees in the context of fund performance being delivered. Based on this analysis, the

independent fee consultant found that the combination of service quality/performance and expenses on these individual Janus Henderson Funds was reasonable in light of performance trends, performance histories, and existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

The Trustees considered the methodology used by the Adviser and subadviser in determining compensation payable to portfolio managers, the competitive environment for investment management talent, and the competitive market for mutual funds in different distribution channels.

The Trustees also reviewed management fees charged by the Adviser and subadviser to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser or subadviser (for which the Adviser or the subadviser provides only or primarily portfolio management services). Although in most instances subadvisory and separate account fee rates for various investment strategies were lower than management fee rates for Janus Henderson Funds having a similar strategy, the Trustees considered that the Adviser noted that, under the terms of the management agreements with the Janus Henderson Funds, the Adviser performs significant additional services for the Janus Henderson Funds that it does not provide to those other clients, including administration services, oversight of the Janus Henderson Funds' other service providers, trustee support, regulatory compliance and numerous other services, and that, in serving the Janus Henderson Funds, the Adviser assumes many legal risks and other costs that it does not assume in servicing its other clients. Moreover, the Trustees noted that the independent fee consultant found that: (1) the management fees the Adviser charges to the Janus Henderson Funds are reasonable in relation to the management fees the Adviser charges to funds subadvised by the Adviser and to the fees the Adviser charges to its institutional separate account clients; (2) these subadvised and institutional separate accounts have different service and infrastructure needs and operate in markets very distinct relative to retail funds; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged to Janus Henderson subadvised fund and separate account investors; and (4) as part of its 2020 review, 9 of 10 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2020, including the VIT Portfolios, and noted the following with regard to each VIT Portfolio's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses"):

- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, although the Fund's total expenses exceeded the peer group for one share class, overall the Fund's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the Fund's expenses, although this limit did not apply because the Fund's total expenses were already below the applicable fee limit.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the Fund's total expenses exceeded the peer group average for one share class, overall the Fund's total expenses were reasonable.
- For Janus Henderson Research Portfolio, the Trustees noted that the Fund's total expenses were below the peer group average for both share classes.

• For Janus Henderson U.S. Low Volatility Portfolio, the Trustees noted that the Fund's total expenses were below the peer group for its sole share class.

The Trustees reviewed information on the overall profitability to the Adviser and its affiliates from their relationships with the Janus Henderson Funds, and considered profitability data of other publicly traded mutual fund advisers. The Trustees recognized that profitability comparisons among fund managers are difficult because of the variation in the type of comparative information that is publicly available, and the profitability of any fund manager is affected by numerous factors, including the organizational structure of the particular fund manager, differences in complex size, difference in product mix, difference in types of business (mutual fund, institutional and other), differences in the types of funds and other accounts it manages, possible other lines of business, the methodology for allocating expenses and the fund manager's capital structure and cost of capital.

Additionally, the Trustees considered the estimated profitability to the Adviser from the investment management services it provided to each Janus Henderson Fund. In their review, the Trustees considered whether the Adviser and subadviser receive adequate incentives and resources to manage the Janus Henderson Funds effectively. In reviewing profitability, the Trustees noted that the estimated profitability for an individual Janus Henderson Fund is necessarily a product of the allocation methodology utilized by the Adviser to allocate its expenses as part of the estimated profitability calculation. In this regard, the Trustees noted that the independent fee consultant found that (1) the expense allocation methodology and rationales utilized by the Adviser were reasonable and (2) no clear correlation exists between expense allocations and operating margins. The Trustees also considered that the estimated profitability for an individual Janus Henderson Fund was influenced by a number of factors, including not only the allocation methodology selected, but also the presence of fee waivers and expense caps, and whether the Janus Henderson Fund's investment management agreement contained breakpoints or a performance fee component. The Trustees determined, after taking into account these factors, among others, that the Adviser's estimated profitability with respect to each Janus Henderson Fund was not unreasonable in relation to the services provided, and that the variation in the range of such estimated profitability among the Janus Henderson Fund's investment fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser and its affiliates, as well as the fees paid by the Adviser to the subadviser of subadvised Janus Henderson Funds, were reasonable in relation to the nature, extent, and quality of the services provided, taking into account the fees charged by other advisers for managing comparable mutual funds with similar strategies, the fees the Adviser and the subadviser charge to other clients, and, as applicable, the impact of fund performance on management fees payable by the Janus Henderson Funds. The Trustees also concluded that each Janus Henderson Fund's total expenses were reasonable, taking into account the size of the Janus Henderson Fund, the quality of services provided by the Adviser and subadviser, the investment performance of the Janus Henderson Fund, and any expense limitations agreed to or provided by the Adviser.

Economies of Scale

The Trustees considered information about the potential for the Adviser to realize economies of scale as the assets of the Janus Henderson Funds increase. They noted that their independent fee consultant published a report to the Trustees in November 2019 which provided its research and analysis into economies of scale. They also noted that, although many Janus Henderson Funds pay advisory fees at a fixed base rate as a percentage of net assets, without any breakpoints or performance fees, their independent fee consultant concluded that 75% of these Janus Henderson Funds' have contractual management fees (gross of waivers) below their Broadridge Expense Group averages. The Trustees also noted the following: (1) that for those Janus Henderson Funds whose expenses are being reduced by the contractual expense limitations of the Adviser, the Adviser is subsidizing certain of these Janus Henderson Funds because they have not reached adequate scale; (2) performance fee structures have been implemented for various Janus Henderson Funds that have caused the effective rate of advisory fees payable by such Janus Henderson Fund to vary depending on the investment performance of the Janus Henderson Fund relative to its benchmark index over the measurement period; and (3) a few Janus Henderson Funds have fee schedules with breakpoints and reduced fee rates above certain asset levels. The Trustees also noted that the Janus Henderson Funds share directly in economies of scale through the significant investments made by the Adviser and its affiliates related to services provided to the Funds and the lower charges of third-party service providers that are based in part on the combined scale of all of the Janus Henderson Funds.

The Trustees also considered the independent fee consultant's conclusion that, given the limitations of various analytical approaches to economies of scale and their conflicting results, it is difficult to analytically confirm or deny the existence of economies of scale in the Janus Henderson complex. In this regard, the independent consultant concluded that (1) to the extent there were economies of scale at the Adviser, the Adviser's general strategy of setting fixed management fees below peers appeared to share any such economies with investors even on smaller Janus Henderson Funds which have not yet achieved those economies and (2) by setting lower fixed fees from the start on these Janus Henderson Funds, the Adviser appeared to be investing to increase the likelihood that these Janus Henderson Funds will grow to a level to achieve any economies of scale that may exist. Further, the independent fee consultant provided its belief that Janus Henderson Funds in light of any economies of scale that may be present at the Adviser.

Based on all of the information reviewed, including the recent and past research and analysis conducted by the Trustees' independent fee consultant, the Trustees concluded that the current fee structure of each Janus Henderson Fund was reasonable and that the current rates of fees do reflect a sharing between the Adviser and the Janus Henderson Fund of any economies of scale that may be present at the current asset level of the Janus Henderson Fund.

Other Benefits to the Adviser

The Trustees also considered benefits that accrue to the Adviser and its affiliates and subadviser to the Janus Henderson Funds from their relationships with the Janus Henderson Funds. They recognized that two affiliates of the Adviser separately serve the Janus Henderson Funds as transfer agent and distributor, respectively, and the transfer agent receives compensation directly from the non-money market funds for services provided, and that such compensation contributes to the overall profitability of the Adviser and its affiliates that results from their relationship with the Janus Henderson Funds. The Trustees also considered the Adviser's past and proposed use of commissions paid by the Janus Henderson Funds on portfolio brokerage transactions to obtain proprietary and third-party research products and services benefiting the Janus Henderson Fund and/or other clients of the Adviser and/or the Adviser, and/or subadviser to a Janus Henderson Fund. The Trustees concluded that the Adviser's and the subadviser's use of these types of client commission arrangements to obtain proprietary and third-party research products and services was consistent with regulatory requirements and guidelines and was likely to benefit each Janus Henderson Fund. The Trustees also concluded that, other than the services provided by the Adviser and its affiliates and subadviser pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser and the subadviser may potentially benefit from their relationship with each other in other ways. They concluded that the Adviser and its affiliates share directly in economies of scale through the lower charges of thirdparty service providers that are based in part on the combined scale of the Janus Henderson Funds and other clients serviced by the Adviser and its affiliates. They also concluded that the Adviser and the subadviser benefit from the receipt of research products and services acquired through commissions paid on portfolio transactions of the Janus Henderson Funds and that the Janus Henderson Funds benefit from the Adviser's and/or the subadviser's receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser and/or other clients of the subadviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser, the subadviser or other Janus Henderson funds, and that the success of the Adviser and the subadviser could enhance the Adviser's and the subadviser's ability to serve the Janus Henderson Funds.

Liquidity Risk Management Program (unaudited)

Liquidity Risk Management Program

Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), requires open-end funds (but not money market funds) to adopt and implement a written liquidity risk management program (the "LRMP") that is reasonably designed to assess and manage liquidity risk, which is the risk that a fund could not meet redemption requests without significant dilution of remaining investors' interest in the fund. The Fund has implemented a LRMP, which incorporates the following elements: (i) assessment, management, and periodic review of liquidity risk; (ii) classification of portfolio holdings; (iii) the establishment and monitoring of a highly liquid investment minimum, as applicable; (iv) a 15% limitation on a Portfolio's illiquid investments; (v) redemptions in-kind; and (vi) board oversight.

The Trustees of the Portfolio (the "Trustees") have designated Janus Henderson Investors US LLC, the Portfolio's investment adviser (the "Adviser"), as the Program Administrator for the LRMP responsible for administering the LRMP and carrying out the specific responsibilities of the LRMP. A working group comprised of various teams within the Adviser's business is responsible for administering the LRMP and carrying out the specific responsibilities of different aspects of the LRMP (the "Liquidity Risk Working Group"). In assessing each Fund's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Fund's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Fund's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Fund's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Fund's use of borrowing for investment purposes; and (v) a Fund's use of derivatives.

The Liquidity Rule requires the Trustees to review at least annually a written report provided by the Program Administrator that addresses the operation of the LRMP and assesses its adequacy and the effectiveness of its implementation, including, if applicable, the operation of the highly liquid investment minimum, and any material changes to the LRMP (the "Program Administrator Report"). At a meeting held on March 16, 2022, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2021 through December 31, 2021 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. It noted that the Portfolio was able to meet redemptions during the normal course of business during the Reporting Period. The Program Administrator Report also stated that the Portfolio did not exceed the 15% limit on illiquid assets during the Reporting Period, that the Portfolio held primarily highly liquid assets, and was considered to be a primarily highly liquid fund during the Reporting Period. In addition, the Adviser expressed its belief in the Program Administrator Report that the LRMP is reasonably designed and adequate to assess and manage the Portfolio's liquidity risk, considering the Portfolio's particular risks and circumstances, and includes policies and procedures reasonably designed to implement each required component of the Liquidity Rule.

There can be no assurance that the LRMP will achieve its objectives in the future. Please refer to your Portfolio's prospectus for more information regarding the risks to which an investment in the Portfolio may be subject.

Janus Henderson VIT Research Portfolio Useful Information About Your Portfolio Report (unaudited)

Performance Overviews

Performance overview graphs compare the performance of a hypothetical \$10,000 investment in the Portfolio with one or more widely used market indices. When comparing the performance of the Portfolio with an index, keep in mind that market indices are not available for investment and do not reflect deduction of expenses.

Average annual total returns are quoted for a Portfolio with more than one year of performance history. Average annual total return is calculated by taking the growth or decline in value of an investment over a period of time, including reinvestment of dividends and distributions, then calculating the annual compounded percentage rate that would have produced the same result had the rate of growth been constant throughout the period. Average annual total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Cumulative total returns are quoted for a Portfolio with less than one year of performance history. Cumulative total return is the growth or decline in value of an investment over time, independent of the period of time involved. Cumulative total return does not reflect the deduction of taxes that a shareholder would pay on Portfolio distributions or redemptions of Portfolio shares.

Pursuant to federal securities rules, expense ratios shown in the performance chart reflect subsidized (if applicable) and unsubsidized ratios. The total annual fund operating expenses ratio is gross of any fee waivers, reflecting the Portfolio's unsubsidized expense ratio. The net annual fund operating expenses ratio (if applicable) includes contractual waivers of the Adviser and reflects the Portfolio's subsidized expense ratio. Ratios may be higher or lower than those shown in the "Financial Highlights" in this report.

Schedule of Investments

Following the performance overview section is the Portfolio's Schedule of Investments. This schedule reports the types of securities held in the Portfolio on the last day of the reporting period. Securities are usually listed by type (common stock, corporate bonds, U.S. Government obligations, etc.) and by industry classification (banking, communications, insurance, etc.). Holdings are subject to change without notice.

The value of each security is quoted as of the last day of the reporting period. The value of securities denominated in foreign currencies is converted into U.S. dollars.

If the Portfolio invests in foreign securities, it will also provide a summary of investments by country. This summary reports the Portfolio exposure to different countries by providing the percentage of securities invested in each country. The country of each security represents the country of risk. A company may be allocated to a country based on other factors such as location of the company's principal office, the location of the principal trading market for the company's securities, or the country where a majority of the company's revenues are derived. The Portfolio's Schedule of Investments relies upon the industry group and country classifications published by Bloomberg and/or MSCI Inc.

Tables listing details of individual forward currency contracts, futures, written options, swaptions, and swaps follow the Portfolio's Schedule of Investments (if applicable).

Statement of Assets and Liabilities

This statement is often referred to as the "balance sheet." It lists the assets and liabilities of the Portfolio on the last day of the reporting period.

The Portfolio's assets are calculated by adding the value of the securities owned, the receivable for securities sold but not yet settled, the receivable for dividends declared but not yet received on securities owned, and the receivable for Portfolio shares sold to investors but not yet settled. The Portfolio's liabilities include payables for securities purchased but not yet settled, Portfolio shares redeemed but not yet paid, and expenses owed but not yet paid. Additionally, there may be other assets and liabilities such as unrealized gain or loss on forward currency contracts.

The section entitled "Net Assets Consist of" breaks down the components of the Portfolio's net assets. Because the Portfolio must distribute substantially all earnings, you will notice that a significant portion of net assets is shareholder capital.

Janus Henderson VIT Research Portfolio Useful Information About Your Portfolio Report (unaudited)

The last section of this statement reports the net asset value ("NAV") per share on the last day of the reporting period. The NAV is calculated by dividing the Portfolio's net assets for each share class (assets minus liabilities) by the number of shares outstanding.

Statement of Operations

This statement details the Portfolio's income, expenses, realized gains and losses on securities and currency transactions, and changes in unrealized appreciation or depreciation of Portfolio holdings.

The first section in this statement, entitled "Investment Income," reports the dividends earned from securities and interest earned from interest-bearing securities in the Portfolio.

The next section reports the expenses incurred by the Portfolio, including the advisory fee paid to the investment adviser, transfer agent fees and expenses, and printing and postage for mailing statements, financial reports and prospectuses. Expense offsets and expense reimbursements, if any, are also shown.

The last section lists the amounts of realized gains or losses from investment and foreign currency transactions, and changes in unrealized appreciation or depreciation of investments and foreign currency-denominated assets and liabilities. The Portfolio will realize a gain (or loss) when it sells its position in a particular security. A change in unrealized gain (or loss) refers to the change in net appreciation or depreciation of the Portfolio during the reporting period. "Net Realized and Unrealized Gain/(Loss) on Investments" is affected both by changes in the market value of Portfolio holdings and by gains (or losses) realized during the reporting period.

Statements of Changes in Net Assets

These statements report the increase or decrease in the Portfolio's net assets during the reporting period. Changes in the Portfolio's net assets are attributable to investment operations, dividends and distributions to investors, and capital share transactions. This is important to investors because it shows exactly what caused the Portfolio's net asset size to change during the period.

The first section summarizes the information from the Statement of Operations regarding changes in net assets due to the Portfolio's investment operations. The Portfolio's net assets may also change as a result of dividend and capital gains distributions to investors. If investors receive their dividends and/or distributions in cash, money is taken out of the Portfolio to pay the dividend and/or distribution. If investors reinvest their dividends and/or distributions, the Portfolio's net assets will not be affected.

The reinvestment of dividends and distributions is included under "Capital Share Transactions." "Capital Shares" refers to the money investors contribute to the Portfolio through purchases or withdrawals via redemptions. The Portfolio's net assets will increase and decrease in value as investors purchase and redeem shares from the Portfolio.

Financial Highlights

This schedule provides a per-share breakdown of the components that affect the Portfolio's NAV for current and past reporting periods as well as total return, asset size, ratios, and portfolio turnover rate.

The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then subtracted to arrive at the NAV per share at the end of the period. The next line reflects the total return for the period. The total return may include adjustments in accordance with generally accepted accounting principles required at the period end for financial reporting purposes. As a result, the total return may differ from the total return reflected for individual shareholder transactions. Also included are ratios of expenses and net investment income to average net assets.

The Portfolio's expenses may be reduced through expense offsets and expense reimbursements. The ratios shown reflect expenses before and after any such offsets and reimbursements.

The ratio of net investment income/(loss) summarizes the income earned less expenses, divided by the average net assets of the Portfolio during the reporting period. Do not confuse this ratio with the Portfolio's yield. The net investment income ratio is not a true measure of the Portfolio's yield because it does not take into account the dividends distributed to the Portfolio's investors.

Janus Henderson VIT Research Portfolio Useful Information About Your Portfolio Report (unaudited)

The next figure is the portfolio turnover rate, which measures the buying and selling activity in the Portfolio. Portfolio turnover is affected by market conditions, changes in the asset size of the Portfolio, fluctuating volume of shareholder purchase and redemption orders, the nature of the Portfolio's investments, and the investment style and/or outlook of the portfolio manager(s) and/or investment personnel. A 100% rate implies that an amount equal to the value of the entire portfolio is traded once during the fiscal year; a 50% rate means that an amount equal to the value of half the portfolio is traded in a year; and a 200% rate means that an amount equal to the value of the entire portfolio is traded every six months.

Janus Henderson

This report is submitted for the general information of shareholders of the Portfolio. It is not an offer or solicitation for the Portfolio and is not authorized for distribution to prospective investors unless preceded or accompanied by an effective prospectus.

Janus Henderson is a trademark of Janus Henderson Group plc or one of its subsidiaries. © Janus Henderson Group plc

Janus Henderson Distributors US LLC

T.RowePrice®



SEMIANNUAL REPORT

June 30, 2022

T. ROWE PRICE

Equity Income Portfolio

For more insights from T. Rowe Price investment professionals, go to **troweprice.com**.

HIGHLIGHTS

- The Equity Income Portfolio outperformed both the Russell 1000 Value Index and the Lipper Variable Annuity Underlying Equity Income Funds Average for the six months ended June 30, 2022.
- Within the portfolio, absolute contributors were concentrated within sectors that benefited from rising commodity and energy costs and the flight to more defensive stocks against a background of geopolitical turmoil. Top detractors were focused in sectors that struggled amid the uncertainty associated with an inflationary environment.
- Changes in sector allocation were the result of our bottom-up stock selection. During the first half of the year, we focused on fading
 cyclicality within the portfolio and invested in names with idiosyncratic returns drivers and companies we liked long term that faced
 near-term stress.
- Going forward, our aim is to create a portfolio that is balanced for a variety of market settings, investing in ideas where the risk/reward ratio is particularly attractive while being cognizant of our beta. As always, our focus remains on investing in higher-quality companies where there is a confluence of compelling valuations, attractive long-term fundamentals, and strong dividend yields.

Go Paperless

Sign up for e-delivery of your statements, confirmations, and prospectuses or shareholder reports.

(→) TO ENROLL:

If you invest directly with T. Rowe Price, go to **troweprice.com/paperless**.

If you invest through an investment advisor, a bank, or a brokerage firm, please contact that organization and ask if it can provide electronic documentation. **It's fast**—receive your statements and confirmations faster than U.S. mail.

It's convenient–access your important account documents whenever you need them.

It's secure—we protect your online accounts using "True Identity" to confirm new accounts and make verification faster and more secure.

It can save you money—where applicable, T. Rowe Price passes on the cost savings to fund holders.*

Log in to your account at **troweprice.com** for more information.

*Certain mutual fund accounts that are assessed an annual account service fee can also save money by switching to e-delivery.

Market Commentary

Dear Investor

Major stock and bond indexes produced sharply negative results during the first half of 2022 as investors contended with persistently high inflation, tightening financial conditions, and slowing growth.

After reaching an all-time high on January 3, the S&P 500 Index finished the period down about 20%, the worst first half of a calendar year for the index since 1970. Double-digit losses were common in equity markets around the globe, and bond investors also faced a historically tough environment amid a sharp rise in interest rates.

Value shares outperformed growth stocks as equity investors turned risk averse and rising rates put downward pressure on growth stock valuations. Emerging markets stocks held up somewhat better than shares in developed markets due to the strong performance of some oil-exporting countries. Meanwhile, the U.S. dollar strengthened during the period, which weighed on returns for U.S. investors in international securities.

Within the S&P 500, energy was the only bright spot, gaining more than 30% as oil prices jumped in response to Russia's invasion of Ukraine and the ensuing commodity supply crunch. Typically defensive shares, such as utilities, consumer staples, and health care, finished in negative territory but held up relatively well. The consumer discretionary, communication services, and information technology sectors were the weakest performers. Shares of some major retailers fell sharply following earnings misses driven in part by overstocked inventories.

Inflation remained the leading concern for investors throughout the period. Despite hopes in 2021 that the problem was transitory, and later expectations that inflation would peak in the spring, headline consumer prices continued to grind higher throughout the first half of 2022. The war in Ukraine exacerbated already existing supply chain problems, and other factors, such as the impact of the fiscal and monetary stimulus enacted during the pandemic and strong consumer demand, also pushed prices higher. The May consumer price index report (the last to be issued during our reporting period) showed prices increasing 8.6% over the 12-month period, the largest jump since late 1981.

In response, the Federal Reserve, which at the end of 2021 had forecast that only three 25-basis-point (0.25 percentage point) rate hikes would be necessary in all of 2022, rapidly shifted in a hawkish direction and executed three rate increases in the first six months of the year. The policy moves included hikes of 25, 50, and 75 basis points—the largest single increase since 1994—increasing the central bank's short-term lending benchmark from near zero to a target range of 1.50% to 1.75% by the end of June. In addition, the Fed ended the purchases of Treasuries and agency mortgage-backed securities that it had begun to support the economy early in the pandemic and started reducing its balance sheet in June.

Longer-term bond yields also increased considerably as the Fed tightened monetary policy, with the yield on the benchmark 10-year U.S. Treasury note reaching 3.49% on June 14, its highest level in more than a decade. (Bond prices and yields move in opposite directions.) Higher mortgage rates led to signs of cooling in the housing market.

The economy continued to add jobs during the period, and other indicators pointed to a slowing but still expanding economy. However, the University of Michigan consumer sentiment index dropped in June to its lowest level since records began in 1978 as higher inflation expectations undermined confidence.

Looking ahead, investors are likely to remain focused on whether the Fed can tame inflation without sending the economy into recession, a backdrop that could produce continued volatility. We believe this environment makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to identify companies that can add value to your portfolio over the long term.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert fr. Shanfor

Robert Sharps CEO and President

Management's Discussion of Fund Performance

INVESTMENT OBJECTIVE

The fund seeks a high level of dividend income and long-term capital growth primarily through investments in stocks.

FUND COMMENTARY

How did the fund perform in the past six months?

The Equity Income Portfolio returned -8.40% for the six-month period ended June 30, 2022. The fund outperformed the Russell 1000 Value Index as well as its peer group, the Lipper Variable Annuity Underlying Equity Income Funds Average. (Returns for the II Class shares varied slightly, reflecting their different fee structure. *Past performance cannot guarantee future results.*)

PERFORMANCE COMPARISON	
Six-Month Period Ended 6/30/22	Total Return
Equity Income Portfolio	-8.40%
Equity Income Portfolio-II	-8.50
Russell 1000 Value Index	-12.86
S&P 500 Index	-19.96
Lipper Variable Annuity Underlying Equity Income Funds Average	-9.92

What factors influenced the fund's performance?

In the worst first half of a calendar year for the S&P 500 Index since 1970, investors shunned riskier assets in response to Russia's invasion of Ukraine, elevated inflation exacerbated by rising commodity prices, and Federal Reserve interest rate increases. Investors were also concerned about inflation's impact on consumer spending and corporate profits, particularly as some high-profile companies and major retailers disappointed with their financial results or projections.

The Equity Income Portfolio outpaced its benchmark, with relative outperformance driven by both stock selection and sector allocation. Given steps taken during the worst portions of the pandemic, the portfolio was well positioned for an environment of higher interest rates and commodity prices. This positioning, combined with our valuation discipline, was a large tailwind to performance during the first half of 2022, as most of the pain in the equity market came from companies in the higher end of the valuation distribution.

Within the portfolio, health care sector names contributed to gains, particularly AbbVie in pharmaceuticals as well as managed care companies Elevance Health (formerly Anthem) and Cigna. Overall, the sector benefited from the appeal of its defensive nature due to comparatively reduced sensitivity to macroeconomic pressures. AbbVie performed particularly well following the Food and Drug Administration approval of its drugs Rinvoq and Skyrizi, which should help balance sales deficits from Humira's loss of exclusivity in 2023. (Please refer to the portfolio of investments for a complete list of holdings and the amount each represents in the portfolio.)

Certain financial names, notably in the insurance industry, also added value over the period. Conglomerate Loews outperformed the sector for the first half. The company's value is largely attributable to its majority ownership in U.S. commercial property and casualty (P&C) insurance company CNA Financial, which has continued to benefit from a strong pricing environment for P&C insurers. CNA Financial also reported strong earnings in both quarters, which contributed to higher underwriting income. MetLife's recent operational results boosted positive sentiment toward the stock, and Chubb also benefited from the ongoing P&C upcycle.

Elsewhere in the portfolio, shares of low-cost nitrogen producer CF Industries profited from surging natural gas prices and fertilizer prices, which proved to be tailwinds for most of the period. Russia's invasion of Ukraine caused natural gas prices to rise even further and created a disruption to global fertilizer supplies, which further propelled the stock. Defense contractor L3Harris Technologies, generally hedged against inflation and recession, benefited from improved Department of Defense budgets and increased international defense spending.

The portfolio's greatest absolute detractors hailed from a variety of sectors. Global multi-industrial company GE underperformed as its renewables segment and aviation segment contended with inflationary pressures and supply chain pressures, respectively. These temporary concerns have depressed valuation, thereby creating an attractive risk/reward ratio. We believe plans to begin to separate the conglomerate next year will highlight the value of the businesses within GE. Walt Disney shares suffered from investor concerns about the ability of the company to meet the aggressive growth targets of its Disney+ streaming platform.

Compared with the benchmark, stock selection in health care contributed the most value to relative performance. Conversely, stock selection in communication services detracted the most from relative results, although our underweight position to the sector moderated losses.

How is the fund positioned?

The Equity Income Portfolio seeks to buy well-established, large-cap companies that have a strong record of paying dividends and appear to be undervalued by the market. The fund's holdings tend to be solid, higher-quality companies going through a period of controversy or stress, reflecting our dual focus on valuation and dividend yield. Each position is the product of careful stock picking based on the fundamental research generated by T. Rowe Price's team of equity analysts, as opposed to selection based on broader market or macroeconomic trends.

Our top purchases over the six-month period were from varied sectors. In communication services, we initiated a position in Meta Platforms late in the period following a significant correction in the stock. While questions remain about the company's core business and its plans to invest significantly in research and development over the next few years, the sizable correction has created an attractive valuation and a reasonably good risk/reward profile from current levels. We also added to our position in News Corp. While we remain cognizant of the headwinds that the company faces, we appreciate its collection of high-quality assets with durable growth profiles. Further, we believe that shares are trading at a considerable discount to a sum-of-the-parts valuation. In financials, we added to our position in life insurance company Equitable Holdings due to its compelling valuation. In our view, the company's earnings are poised to benefit from operational earnings growth, share buybacks, and dividends. We also purchased shares of consumer staples name Conagra Brands, as we value the stock's defensive nature and its growth potential within the frozen foods space.

Total	100.0%	100.0%
Other and Reserves	1.7	1.3
Consumer Discretionary	3.6	3.7
Real Estate	4.6	4.4
Communication Services	4.6	5.1
Materials	5.1	5.3
Consumer Staples	6.9	7.1
Information Technology	9.3	7.6
Energy	5.4	7.6
Industrials and Business Services	10.5	9.9
Utilities	8.9	10.1
Health Care	16.9	18.1
Financials	22.5%	19.8%
	Percent of I 12/31/21	Net Assets 6/30/22

Historical weightings reflect current industry/sector classifications.

Notable sales were also spread out among several areas of the market. Our largest equity sale was chicken, beef, and pork producer and processor Tyson Foods. We continue to appreciate the name but are concerned that increased feed costs will impact margins, particularly in chicken and beef. In financials, we moderated our positions in MetLife, Wells Fargo, and Fifth Third Bancorp, all of which have been strong contributors in recent periods. Elsewhere in the portfolio, we exited our position in UnitedHealth Group given its premium valuation and took profit from Elevance Health and Cigna by paring shares.

The portfolio's largest sector allocation is in financials. We remain overweight relative to the benchmark, but we decreased our absolute exposure during the period. The portfolio's second-largest sector allocation is in health care, where our absolute exposure increased. Utilities, our thirdlargest sector allocation, is significantly overweight the benchmark, and this overweight increased on an absolute and relative basis over the period. Please note that weighting versus the benchmark also changed as a result of the reconstitution of the benchmark index that took place in June.

What is portfolio management's outlook?

We believe the cone of uncertainty is abnormally wide now, with potential outcomes dependent on events outside of our control. Additionally, the Russian invasion of Ukraine has structurally increased geopolitical risk while exacerbating already high inflationary pressures, contributing to the market pricing in higher odds of a recession.

Given this view, we have been focusing on creating a portfolio that is balanced for a variety of market settings. We used weakness in select names to take advantage of opportunities in the market where the risk/reward ratio was particularly attractive while being cognizant of our beta. Our focus remains on investing in higher-quality companies where there is a confluence of compelling valuations, attractive long-term fundamentals, and strong dividend yields.

The views expressed reflect the opinions of T. Rowe Price as of the date of this report and are subject to change based on changes in market, economic, or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

RISKS OF INVESTING IN THE FUND

Dividend-paying stocks

The fund's emphasis on dividend-paying stocks could cause the fund to underperform similar funds that invest without consideration of a company's track record of paying dividends. There is no guarantee that the issuers of the stocks held by the fund will declare dividends in the future or that, if dividends are declared, they will remain at their current levels or increase over time. For example, a sharp rise in interest rates or an economic downturn could cause a company to unexpectedly reduce or eliminate its dividend. In addition, stocks of companies with a history of paying dividends may not benefit from a broad market advance to the same degree as the overall stock market.

Stock investing

The fund's share price can fall because of weakness in the overall stock markets, a particular industry, or specific holdings. Stock markets as a whole can be volatile and decline for many reasons, such as adverse local, political, regulatory, or economic developments; changes in investor psychology; or heavy institutional selling at the same time by major institutional investors in the market, such as mutual funds, pension funds, and banks. The prospects for an industry or company may deteriorate because of a variety of factors, including disappointing earnings or changes in the competitive environment. In addition, the adviser's assessment of companies whose stocks are held by the fund may prove incorrect, resulting in losses or poor performance, even in rising markets. In the event an issuer is liquidated or declares bankruptcy, the claims of owners of the issuer's bonds and preferred stock take precedence over the claims of those who own common stock.

For a more thorough discussion of risks, please see the fund's prospectus.

BENCHMARK INFORMATION

Note: Portions of the mutual fund information contained in this report was supplied by Lipper, a Refinitiv Company, subject to the following: Copyright 2022 © Refinitiv. All rights reserved. Any copying, republication or redistribution of Lipper content is expressly prohibited without the prior written consent of Lipper. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Note: London Stock Exchange Group plc and its group undertakings (collectively, the "LSE Group"). © LSE Group 2022. FTSE Russell is a trading name of certain of the LSE Group companies. Russell® is/are a trade mark(s) of the relevant LSE Group companies and is/are used by any other LSE Group company under license. All rights in the FTSE Russell indexes or data vest in the relevant LSE Group company which owns the index or the data. Neither LSE Group nor its licensors accept any liability for any errors or omissions in the indexes or data and no party may rely on any indexes or data contained in this communication. No further distribution of data from the LSE Group is permitted without the relevant LSE Group company's express written consent. The LSE Group does not promote, sponsor or endorse the content of this communication. The LSE Group is not responsible for the formatting or configuration of this material or for any inaccuracy in T. Rowe Price's presentation thereof.

Note: The S&P 500 Index is a product of S&P Dow Jones Indices LLC, a division of S&P Global, or its affiliates ("SPDJI") and has been licensed for use by T. Rowe Price. Standard & Poor's[®] and S&P[®] are registered trademarks of Standard & Poor's Financial Services LLC, a division of S&P Global ("S&P"); Dow Jones[®] is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"); T. Rowe Price is not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, or their respective affiliates, and none of such parties make any representation regarding the advisability of investing in such product(s) nor do they have any liability for any errors, omissions, or interruptions of the S&P 500 Index. Percent of

TWENTY-FIVE LARGEST HOLDINGS

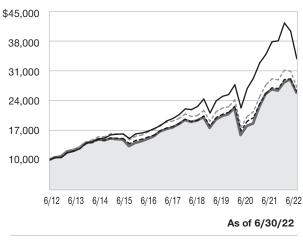
	Percent of Net Assets 6/30/22
Southern Company	3.3%
Wells Fargo	3.0
TotalEnergies	2.8
UPS	2.5
Qualcomm	2.4
Elevance Health	2.3
GE	2.2
AbbVie	2.2
American International Group	2.2
Becton, Dickinson & Company	2.1
Sempra Energy	2.1
CF Industries	1.9
Chubb	1.9
L3Harris Technologies	1.8
International Paper	1.7
Kimberly-Clark	1.7
Weyerhaeuser	1.6
Johnson & Johnson	1.6
Conagra Brands	1.6
Equity Residential	1.6
Equitable Holdings	1.4
Philip Morris International	1.4
Loews	1.4
NiSource	1.4
MetLife	1.4
Total	49.5%

Note: The information shown does not reflect any exchange-traded funds (ETFs), cash reserves, or collateral for securities lending that may be held in the portfolio.

GROWTH OF \$10,000

This chart shows the value of a hypothetical \$10,000 investment in the portfolio over the past 10 fiscal year periods or since inception (for portfolios lacking 10-year records). The result is compared with benchmarks, which include a broad-based market index and may also include a peer group average or index. Market indexes do not include expenses, which are deducted from portfolio returns as well as mutual fund averages and indexes.

EQUITY INCOME PORTFOLIO



—	Equity Income Portfolio	\$25,894
	Russell 1000 Value Index	27,139
—	S&P 500 Index	33,816
	Lipper Variable Annuity Underlying Equity Income Funds Average	26,078

Note: Performance for the II Class will vary due to its differing fee structure. See the Average Annual Compound Total Return table.

AVERAGE ANNUAL COMPOUND TOTAL RETURN

Periods Ended 6/30/22	1 Year	5 Years	10 Years
Equity Income Portfolio	-2.84%	7.92%	9.98%
Equity Income Portfolio-II	-3.08	7.64	9.71

The fund's performance information represents only past performance and is not necessarily an indication of future results. Current performance may be lower or higher than the performance data cited. Share price, principal value, and return will vary, and you may have a gain or loss when you sell your shares. For the most recent month-end performance, please contact a T. Rowe Price representative at 1-800-469-6587 (financial advisors, or customers who have an advisor, should call 1-800-638-8790). Returns do not reflect taxes that the shareholder may pay on distributions or the redemption of shares. Total returns do not include charges imposed by your insurance company's separate account. If these had been included, performance would have been lower.

This table shows how the portfolio would have performed each year if its actual (or cumulative) returns for the periods shown had been earned at a constant rate. Average annual total return figures include changes in principal value, reinvested dividends, and capital gain distributions. When assessing performance, investors should consider both short- and long-term returns.

FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Shares of the fund are currently offered only through certain insurance companies as an investment medium for both variable annuity contracts and variable life insurance policies. Please note that the fund has two classes of shares: the original share class and II Class. II Class shares are sold through financial intermediaries, which are compensated for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan.

Actual Expenses

The first line of the following table (Actual) provides information about actual account values and actual expenses. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

FUND EXPENSE EXAMPLE (CONTINUED)

EQUITY INCOME PORTFOLIO

	Beginning Account Value 1/1/22	Ending Account Value 6/30/22	Expenses Paid During Period* 1/1/22 to 6/30/22
Equity Income Portfolio Actual	\$1,000.00	\$916.00	\$3.52
Hypothetical (assumes 5% return before expenses)	1,000.00	1,021.12	3.71
Equity Income Portfolio Actual	- II 1,000.00	915.00	4.70
Hypothetical (assumes 5% return before expenses)	1,000.00	1,019.89	4.96

* Expenses are equal to the fund's annualized expense ratio for the 6-month period, multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (181), and divided by the days in the year (365) to reflect the halfyear period. The annualized expense ratio of the Equity Income Portfolio was 0.74%, and the Equity Income Portfolio–II was 0.99%.

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Equity Income Portfolio Class	6 Months	Year							
	Ended	Ended		a /a / /aa					o /o / // =
NET ASSET VALUE	6/30/22	12/31/21	1	2/31/20	1	2/31/19	12/31/18	1	2/31/17
Beginning of period	\$ 30.07	\$ 26.21	\$	27.13	\$	23.36	\$ 29.27	\$	28.34
	 	 			· · · ·		 		
Investment activities									
Net investment income ⁽¹⁾⁽²⁾	0.26	0.48		0.54		0.61	0.58		0.51
Net realized and unrealized gain/	(0.77)	0.10		(0.04)		5 40	(0,00)		4.00
loss Total from investment activities	 (2.77) (2.51)	 6.12 6.60		(0.34)		5.49 6.10	 (3.28) (2.70)		4.00 4.51
Total from investment activities	 (2.51)	 0.00		0.20		0.10	 (2.70)		4.51
Distributions									
Net investment income	(0.25)	(0.48)		(0.55)		(0.62)	(0.59)		(0.53)
Net realized gain	 	 (2.26)		(0.57)		(1.71)	 (2.62)		(3.05)
Total distributions	 (0.25)	 (2.74)		(1.12)		(2.33)	 (3.21)		(3.58)
NET ASSET VALUE									
End of period	\$ 27.31	\$ 30.07	\$	26.21	\$	27.13	\$ 23.36	\$	29.27
Ratios/Supplemental Data									
Total return ⁽²⁾⁽³⁾	 (8.40)%	 25.55%		1.18%		26.40%	 (9.50)%		16.02%
Ratios to average net assets: ⁽²⁾									
Gross expenses before waivers/									
payments by Price Associates ⁽⁴⁾	 0.85%(5)	 0.85%		0.85%		0.85%	 0.80%		0.85%
Net expenses after waivers/									
payments by Price Associates	 0.74%(5)	 0.74%		0.74%		0.74%	 0.80%		0.85%
Net investment income	 1.73%(5)	 1.60%		2.30%		2.31%	 2.01%		1.73%
Portfolio turnover rate	9.4%	19.8%		27.7%		19.5%	16.5%		19.9%
Net assets, end of period (in millions)	\$ 426	\$ 491	\$	430	\$	477	\$ 428	\$	541

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

⁽³⁾ Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all

distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

(4) See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.
 (5) Annualized

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Equity Income Portfolio - II Class						
	6 Months	Year				
	Ended	Ended				
	6/30/22	12/31/21	12/31/20	12/31/19	12/31/18	12/31/17
NET ASSET VALUE						
Beginning of period	\$ 29.91	\$ 26.10	\$ 27.01	\$ 23.27	\$ 29.16	\$ 28.25
Investment activities						
Net investment income ⁽¹⁾⁽²⁾	0.22	0.41	0.48	0.55	0.51	0.44
Net realized and unrealized gain/						
loss	 (2.75)	 6.08	 (0.33)	 5.45	 (3.26)	 3.98
Total from investment activities	 (2.53)	 6.49	 0.15	 6.00	 (2.75)	 4.42
Distributions						
Net investment income	(0.22)	(0.42)	(0.49)	(0.55)	(0.52)	(0.46)
Net realized gain	 	 (2.26)	 (0.57)	 (1.71)	 (2.62)	 (3.05)
Total distributions	 (0.22)	 (2.68)	 (1.06)	 (2.26)	 (3.14)	 (3.51)
NET ASSET VALUE						
End of period	\$ 27.16	\$ 29.91	\$ 26.10	\$ 27.01	\$ 23.27	\$ 29.16
Ratios/Supplemental Data						
Total return ⁽²⁾⁽³⁾	 (8.50)%	 25.22%	 0.96%	 26.04%	 (9.69)%	 15.73%
Ratios to average net assets:(2)						
Gross expenses before waivers/						
payments by Price Associates ⁽⁴⁾	 1.10%(5)	 1.10%	 1.10%	 1.10%	 1.05%	 1.10%
Net expenses after waivers/						
payments by Price Associates	 0.99%(5)	 0.99%	 0.99%	 0.99%	 1.05%	 1.10%
Net investment income	 1.49%(5)	 1.36%	 2.05%	 2.07%	 1.77%	 1.48%
Portfolio turnover rate Net assets, end of period (in	 9.4%	 19.8%	 27.7%	 19.5%	 16.5%	 19.9%
thousands)	\$ 268,918	\$ 295,512	\$ 236,856	\$ 238,540	\$ 183,383	\$ 208,017

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all

distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁴⁾ See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable. ⁽⁵⁾ Annualized

T. ROWE PRICE EQUITY INCOME PORTFOLIO

June 30, 2022 (Unaudited)

PORTFOLIO OF	0	A V 1
	Shares	\$ Value
(Cost and value in \$000s)		
COMMON STOCKS 96.4%		
COMMUNICATION SERVICES 4.9% Diversified Telecommunication		
Services 0.4%	04.007	1 0 7 7
AT&T Verizon Communications	94,307 21,102	1,977 1,071
		3,048
Entertainment 1.1%		
Walt Disney (1)	82,327	7,772
		7,772
Interactive Media & Services 0.6%		
Meta Platforms, Class A (1)	26,600	4,289
		4,289
Media 2.8%		
Comcast, Class A	225,833	8,861
Fox, Class B	73,133	2,172
News, Class A	556,978	
		19,711
Total Communication Services CONSUMER DISCRETIONARY 2.8%		34,820
Hotels, Restaurants & Leisure 0.7%		
Las Vegas Sands (1)	142,894	4,800
		4,800
Leisure Products 0.8%		
Mattel (1)	240,620	
Multiline Retail 0.5%		5,373
Kohl's	103,830	3,706
Specialty Retail 0.8%		3,706
Best Buy	14,300	932
TJX	86,943	4,856
		5,788
Total Consumer Discretionary CONSUMER STAPLES 7.1%		19,667
Beverages 0.3%		
Coca-Cola	36,100	2,271
		2,271
Food & Staples Retailing 0.7%		
Walmart	39,500	4,802
Food Producto 2 0%		4,802
Food Products 2.9%	200 500	10.075
Conagra Brands Mondelez International, Class A	320,530 13,047	10,975 810
Tyson Foods, Class A	98,741	8,498
	·	20,283
Household Products 1.7%		
Kimberly-Clark	86,794	11,730
		11,730

	Shares	\$ Valu
Cost and value in \$000s)		
Tobacco 1.5%		
Philip Morris International	101,500	10,02
		10,02
Total Consumer Staples		49,10
ENERGY 7.6%		
Oil, Gas & Consumable Fuels 7.6%		
Chevron	9,971	1,44
Enbridge	44,300	1,87
EOG Resources	66,696	7,36
Exxon Mobil	100,120	8,57
	36,371	3,85
Occidental Petroleum	31,100	1,83
Targa Resources	6,923	41
TC Energy	156,820 280,143	8,12 14,74
TotalEnergies (EUR) TotalEnergies, ADR	85,006	4,47
Total Energy FINANCIALS 19.8%		52,69
Banks 7.0%		
Bank of America	97,575	3,03
Citigroup	81,162	3,73
Fifth Third Bancorp	201,006	6,75
Huntington Bancshares	658,620	7,92
JPMorgan Chase	35,209	3,96
PNC Financial Services Group	13,353	2,10
Wells Fargo	539,912	21,14
Capital Markets 3.7%		48,66
Bank of New York Mellon	15,400	64
Bank of New York Mellon Charles Schwab	15,400 53,300	
		3,36
Charles Schwab Franklin Resources Goldman Sachs Group	53,300 25,940 30,494	3,36 60
Charles Schwab Franklin Resources Goldman Sachs Group	53,300 25,940 30,494 66,567	3,36 60 9,05
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial	53,300 25,940 30,494 66,567 5,150	3,36 60 9,05 5,06 46
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial	53,300 25,940 30,494 66,567	3,36 60 9,05 5,06 46
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street	53,300 25,940 30,494 66,567 5,150	3,36 60 9,05 5,06 46 6,72
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6%	53,300 25,940 30,494 66,567 5,150 109,015	3,36 60 9,05 5,06 46 6,72 25,91
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management	53,300 25,940 30,494 66,567 5,150 109,015 20,300	3,36 60 9,05 5,06 46 6,72 25,91 98
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management	53,300 25,940 30,494 66,567 5,150 109,015	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings	53,300 25,940 30,494 66,567 5,150 109,015 20,300	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group	53,300 25,940 30,494 66,567 5,150 109,015 20,300	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300	3,36 60 9,05 5,06 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277	3,36 60 9,05 5,06 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627	3,36 60 9,05 5,06 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews Marsh & McLennan	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627 5,098	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79 9,70
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews Marsh & McLennan MetLife	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627 5,098	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79 9,70 52,24
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews Marsh & McLennan	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627 5,098	64 3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79 9,70 52,24 137,87
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews Marsh & McLennan MetLife Total Financials HEALTH CARE 17.8%	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627 5,098	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79 9,70 52,24
Charles Schwab Franklin Resources Goldman Sachs Group Morgan Stanley Raymond James Financial State Street Diversified Financial Services 1.6% Apollo Global Management Equitable Holdings Insurance 7.5% American International Group Chubb Hartford Financial Services Group Loews Marsh & McLennan MetLife Total Financials	53,300 25,940 30,494 66,567 5,150 109,015 20,300 386,220 296,409 67,277 53,300 166,627 5,098	3,36 60 9,05 5,06 46 6,72 25,91 98 10,06 11,05 15,15 13,22 3,48 9,87 79 9,70 52,24

	Shares	\$ Value
(Cost and value in \$000s)		
Gilead Sciences	9,500	587
Health Care Equipment & Supplies 3.7%		17,419
Becton Dickinson & Company	48,631	11,989
Medtronic	94,311	8,464
Zimmer Biomet Holdings	48,000	5,043
Health Care Providers & Services 5.9%		25,496
Cardinal Health	68,700	3,591
Centene (1)	61,413	5,196
Cigna	26,762	7,052
CVS Health	101,209	9,378
Elevance Health	32,691	15,776
Pharmaceuticals 5.7%		40,993
AstraZeneca, ADR	60,400	3,990
GSK (GBP)	39,590	853
Johnson & Johnson	62,096	11,023
Merck	72,600	6,619
Pfizer	177,869	9,326
Sanofi (EUR)	47,221	4,762
Sanofi, ADR	54,083	2,706
		39,279
Total Health Care INDUSTRIALS & BUSINESS SERVICES 10.0%		123,187
Aerospace & Defense 2.5%		
Boeing (1)	35,086	4,797
L3Harris Technologies	52,799	12,762
Air Fusicht 9 Locistics O F0/		17,559
Air Freight & Logistics 2.5%	05.040	17.050
United Parcel Service, Class B	95,046	17,350
		17,350
Airlines 0.3%	49.027	1 705
Southwest Airlines (1)	48,037	1,735
Commercial Services & Supplies 0.7%		1,735
Stericycle (1)	111,002	4,867
		4,867
Industrial Conglomerates 3.1%		
3M	8,900	1,152
General Electric	243,192	15,484
Siemens (EUR)	44,922	4,618
Machinery 0.8%		<i>L</i> 1,204
Cummins	6,900	1,335
Flowserve	22,166	635
PACCAR	32,583	2,683
Stanley Black & Decker	6,900	723
		5,376

	Shares	\$ Value
(Cost and value in \$000s)		
Professional Services 0.1%		
Nielsen Holdings	33,238	772
		772
Total Industrials & Business Services INFORMATION TECHNOLOGY 7.6%		68,913
Communications Equipment 0.4%		
Cisco Systems	67,528	2,879
		2,879
Electronic Equipment, Instruments & Components 0.3%		
TE Connectivity	16,400	1,856
		1,856
IT Services 0.7%		
Fiserv (1)	53,281	4,740
		4,740
Semiconductors & Semiconductor		
Equipment 4.3%		
Applied Materials NXP Semiconductors	52,529 9,500	4,779
QUALCOMM	129,258	16,512
Texas Instruments	45,989	7,066
		29,763
Software 1.9%		
Citrix Systems	40,535	3,939
Microsoft	36,674	9,419
		13,358
Total Information Technology MATERIALS 5.3%		52,596
Chemicals 3.6%		
Akzo Nobel (EUR)	27,445	1,795
CF Industries Holdings	156,862	13,448
DuPont de Nemours	7,429	413
International Flavors & Fragrances RPM International	62,106 22,300	7,398
		24,809
Containers & Packaging 1.7%		
International Paper	286,339	11,978
		11,978
Total Materials		36,787
REAL ESTATE 4.4%		
Equity Real Estate Investment Trusts 4.4%		
Equity Residential, REIT	149,996	10,833
Rayonier, REIT	154,760	5,785
Vornado Realty Trust, REIT Welltower, REIT	21,700	620 2,289
Weyerhaeuser, REIT	27,800 337,999	11,195
Total Real Estate		30,722
UTILITIES 9.0%		
Electric Utilities 3.9%		
NextEra Energy	47,985	3,717
Southern	278,412	19,853

	Shares	\$ Value
(Cost and value in \$000s)		
Xcel Energy	51,100	3,616
		27,186
Multi-Utilities 5.1%		
Ameren	56,864	5,138
Dominion Energy	104,300	8,324
NiSource Sempra Energy	249,869 97,069	14,587
Gempla Lhergy		
Total Utilities		35,418 62,604
Total Miscellaneous Common		
Stocks 0.1% (2)		634
Total Common Stocks (Cost		
\$492,766)		669,613
CONVERTIBLE PREFERRED STOCKS	1.5%	
HEALTH CARE 0.4%		
Health Care Equipment & Supplies 0.4%		
Becton Dickinson & Company, Series B, 6.00%, 6/1/23	54,469	2,705
Total Health Care		2,705
UTILITIES 1.1%		2,705
Electric Utilities 0.8%		
NextEra Energy, 5.279%, 3/1/23	43,435	2,156
Southern, Series A, 6.75%, 8/1/22	57,257	3,007
		5,163
Multi-Utilities 0.3%		
NiSource, 7.75%, 3/1/24	20,959	2,373
		2,373
Total Utilities		7,536
Total Convertible Preferred Stocks (Cost \$9,802)		10,241
PREFERRED STOCKS 0.8%		
PREFERRED STOCKS 0.8%		
CONSUMER DISCRETIONARY 0.8%		
Automobiles 0.8%		
Volkswagen (EUR)		
Total Consumer Discretionary		5,829
Total Preferred Stocks (Cost \$7,405)		5,829
SHORT-TERM INVESTMENTS 1.0%		
Money Market Funds 1.0%		
T. Rowe Price Government Reserve Fund, 1.33% (3)(4)	7,252,290	7,252
Total Short-Term Investments (Cost \$7,252)		7,252
Total Investments in Securities		
99.7% of Net Assets		
(Cost \$517,225)	\$	692,935

- ‡ Shares are denominated in U.S. dollars unless otherwise noted.
- (1) Non-income producing
- (2) The identity of certain securities has been concealed to protect the fund while it completes a purchase or selling program for the securities.
- (3) Seven-day yield
- (4) Affiliated Companies
- ADR American Depositary Receipts
- EUR Euro
- GBP British Pound
- REIT A domestic Real Estate Investment Trust whose distributions pass-through with original tax character to the shareholder

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended June 30, 2022. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

		Change in Net			
		Net Realized	Unrealized	Investment	
Affiliate		Gain (Loss)	Gain/Loss	Income	
T. Rowe Price Government Reserve Fund, 1.33%	\$	_ # \$	- \$	19+	
Supplementary Investment Schedule					
	Value	Purchase	Sales	Value	
Affiliate	12/31/21	Cost	Cost	06/30/22	
T. Rowe Price Government Reserve Fund, 1.33%	\$ 12,113	۵	¤ \$	7,252^	

Capital gain distributions from mutual funds represented \$0 of the net realized gain (loss).

+ Investment income comprised \$19 of dividend income and \$0 of interest income.

X Purchase and sale information not shown for cash management funds.

^A The cost basis of investments in affiliated companies was \$7,252.

June 30, 2022 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets Investments in securities, at value (cost \$517,225) Receivable for investment securities sold Dividends receivable Receivable for shares sold Other assets Total assets	\$	692,935 2,512 1,229 481 108 697,265
Liabilities Payable for investment securities purchased Investment management and administrative fees payable Payable for shares redeemed Other liabilities Total liabilities		1,251 485 383 89 2,208
NET ASSETS	\$	695,057
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 25,508,450 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized NET ASSETS	\$ ••••••	204,438 490,619 695,057
NET ASSET VALUE PER SHARE		
Equity Income Portfolio Class (\$426,139,282 / 15,605,849 shares outstanding) Equity Income Portfolio - II Class (\$268,917,731 / 9,902,601 shares outstanding)	\$	<u>27.31</u> 27.16

STATEMENT OF OPERATIONS

(\$000s)

	6 Montl Ende 6/30/2	ed
Investment Income (Loss)		
Dividend income (net of foreign taxes of \$277)	\$ 9,44	7
Expenses		
Investment management and administrative expense	3,25	2
Rule 12b-1 fees - Equity Income Portfolio - II Class	35	8
Waived / paid by Price Associates	(42	1)
Net expenses	3,18	9
Net investment income	6,25	8
Realized and Unrealized Gain / Loss		
Net realized gain (loss)		
Securities	23,35	6
Foreign currency transactions	(1	2)
Net realized gain	23,34	4
Change in net unrealized gain / loss		
Securities	(93,93	(8
Other assets and liabilities denominated in foreign currencies	((2)
Change in net unrealized gain / loss	(93,94	
Net realized and unrealized gain / loss	(70,59	6)
DECREASE IN NET ASSETS FROM OPERATIONS	\$ (64,33	<u>8)</u>

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

Year Ended 12/31/21
12/31/21
11,340
61,094
93,320
165,754
(41,676)
(24,324)
(66,000)
26,290
44,146
41,676
24,324
(70,967)
(45,456)
20,013
119,767
666,651
786,418
870
1,474
1,420
833
(2,362)
(1,504)
731

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price Equity Series, Inc. (the corporation) is registered under the Investment Company Act of 1940 (the 1940 Act). The Equity Income Portfolio (the fund) is a diversified, open-end management investment company established by the corporation. The fund seeks a high level of dividend income and long-term capital growth primarily through investments in stocks. Shares of the fund currently are offered only to insurance company separate accounts established for the purpose of funding variable annuity contracts and variable life insurance policies. The fund has two classes of shares: the Equity Income Portfolio (Equity Income Portfolio Class) and the Equity Income Portfolio–II (Equity Income Portfolio–II Class). Equity Income Portfolio–II Class shares are sold through financial intermediaries, which it compensates for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan. Each class has exclusive voting rights on matters related solely to that class; separate voting rights on matters that relate to both classes; and, in all other respects, the same rights and obligations as the other class.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from mutual fund investments are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions from REITs are initially recorded as dividend income and, to the extent such represent a return of capital or capital gain for tax purposes, are reclassified when such information becomes available. Non-cash dividends, if any, are recorded at the fair market value of the asset received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid by each class quarterly. A capital gain distribution may also be declared and paid by the fund annually.

Currency Translation Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate, using the mean of the bid and asked prices of such currencies against U.S. dollars as provided by an outside pricing service. Purchases and sales of securities, income, and expenses are translated into U.S. dollars at the prevailing exchange rate on the respective date of such transaction. The effect of changes in foreign currency exchange rates on realized and unrealized security gains and losses is not bifurcated from the portion attributable to changes in market prices.

Class Accounting Investment income, investment management and administrative expense, and realized and unrealized gains and losses are allocated to the classes based upon the relative daily net assets of each class. Equity Income Portfolio–II Class pays Rule 12b-1 fees, in an amount not exceeding 0.25% of the class's average daily net assets.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The T. Rowe Price Valuation Committee (the Valuation Committee) is an internal committee that has been delegated certain responsibilities by the fund's Board of Directors (the Board) to ensure that financial instruments are appropriately priced at fair value in accordance with GAAP and the 1940 Act. Subject to oversight by the Board, the Valuation Committee develops and oversees pricing-related policies and procedures and approves all fair value determinations. Specifically, the Valuation Committee establishes policies and procedures used in valuing financial instruments, including those which cannot be valued in accordance with normal procedures or using pricing vendors; determines pricing techniques, sources, and persons eligible to effect fair value pricing actions; evaluates the services and performance of the pricing vendors; oversees the pricing process to ensure policies and procedures are being followed; and provides guidance on internal controls and valuation-related matters. The Valuation Committee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

Level 1 - quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date

- Level 2 inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 unobservable inputs (including the fund's own assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Equity securities, including exchange-traded funds, listed or regularly traded on a securities exchange or in the over-the-counter (OTC) market are valued at the last quoted sale price or, for certain markets, the official closing price at the time the valuations are made. OTC Bulletin Board securities are valued at the mean of the closing bid and asked prices. A security that is listed or traded on more than one exchange is valued at the quotation on the exchange determined to be the primary market for such security. Listed securities not traded on a particular day are valued at the mean of the closing bid and asked prices for domestic securities and the last quoted sale or closing price for international securities.

The last quoted prices of non-U.S. equity securities may be adjusted to reflect the fair value of such securities at the close of the NYSE, if the fund determines that developments between the close of a foreign market and the close of the NYSE will affect the value of some or all of its portfolio securities. Each business day, the fund uses information from outside pricing services to evaluate and, if appropriate, decide whether it is necessary to adjust quoted prices to reflect fair value by reviewing a variety of factors, including developments in foreign markets, the performance of U.S. securities markets, and the performance of instruments trading in U.S. markets that represent foreign securities and baskets of foreign securities. The fund uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The fund cannot predict how often it will use quoted prices and how often it will determine it necessary to adjust those prices to reflect fair value.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations or market-based valuations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Committee, in accordance with fair valuation policies and procedures. The objective of any fair value pricing determination is to arrive at a price that could reasonably be expected from a current sale. Financial instruments fair valued by the Valuation Committee are primarily private placements, restricted securities, warrants, rights, and other securities that are not publicly traded. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Committee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Committee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis and updated as information becomes available, including actual purchase and sale transactions of the investment. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions, and fair value prices determined by the Valuation Committee could differ from those of other market participants.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2022 (for further detail by category, please refer to the accompanying Portfolio of Investments):

00s)	Level 1	Level 2	Level 3	Total Value
S				
non Stocks	\$ 642,839 \$	26,774 \$	- \$	669,613
vertible Preferred Stocks	-	10,241	_	10,241
ed Stocks	-	5,829	_	5,829
m Investments	7,252	_	_	7,252
	\$ 650,091 \$	42,844 \$	- \$	692,935

NOTE 3 - OTHER INVESTMENT TRANSACTIONS

Purchases and sales of portfolio securities other than short-term securities aggregated \$70,867,000 and \$86,435,000, respectively, for the six months ended June 30, 2022.

NOTE 4 - FEDERAL INCOME TAXES

No provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report.

At June 30, 2022, the cost of investments for federal income tax purposes was \$520,413,000. Net unrealized gain aggregated \$172,515,000 at period-end, of which \$201,279,000 related to appreciated investments and \$28,764,000 related to depreciated investments.

NOTE 5 - FOREIGN TAXES

The fund is subject to foreign income taxes imposed by certain countries in which it invests. Additionally, capital gains realized upon disposition of securities issued in or by certain foreign countries are subject to capital gains tax imposed by those countries. All taxes are computed in accordance with the applicable foreign tax law, and, to the extent permitted, capital losses are used to offset capital gains. Taxes attributable to income are accrued by the fund as a reduction of income. Current and deferred tax expense attributable to capital gains is reflected as a component of realized or change in unrealized gain/loss on securities in the accompanying financial statements. To the extent that the fund has country specific capital loss carryforwards, such carryforwards are applied against net unrealized gains when determining the deferred tax liability. Any deferred tax liability incurred by the fund is included in either Other liabilities or Deferred tax liability on the accompanying Statement of Assets and Liabilities.

NOTE 6 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). The investment management and administrative agreement between the fund and Price Associates provides for an all-inclusive annual fee equal to 0.85% of the fund's average daily net assets. The fee is computed daily and paid monthly. The all-inclusive fee covers investment management services and ordinary, recurring operating expenses but does not cover interest expense; expenses related to borrowing, taxes, and brokerage; or nonrecurring expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2023 to waive a portion of its management fee in order to limit the fund's management fee to 0.74% of the fund's average daily net assets. Thereafter, this agreement automatically renews for one-year terms unless terminated or modified by the fund's Board. Fees waived and expenses paid under this agreement are not subject to reimbursement to Price Associates by the fund. The total management fees waived were \$421,000 and allocated ratably in the amounts of \$260,000 and \$161,000 for the Equity Income Portfolio Class and Equity Income Portfolio-II Class, respectively, for the six months ended June 30, 2022.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds, or the T. Rowe Price Short-Term Fund, a short-term bond fund (collectively, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund; prior to December 13, 2021, the cash collateral from securities lending was invested in the T. Rowe Price Short-Term Fund. The Price Reserve Funds pay no investment management fees.

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended June 30, 2022, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

Price Associates has voluntarily agreed to reimburse the fund from its own resources on a monthly basis for the cost of investment research embedded in the cost of the fund's securities trades. This agreement may be rescinded at any time. For the six months ended June 30, 2022, this reimbursement amounted to \$7,000, which is included in Net realized gain (loss) on Securities in the Statement of Operations.

NOTE 7 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war, terrorism, pandemics, outbreaks of infectious diseases, and similar public health threats may significantly affect the economy and the markets and issuers in which a fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks. Since 2020, a novel strain of coronavirus (COVID-19) has resulted in disruptions to global business activity and caused significant volatility and declines in global financial markets. In February 2022, Russian forces entered Ukraine and commenced an armed conflict leading to economic sanctions being imposed on Russia and certain of its citizens, creating impacts on

Russian-related stocks and debt and greater volatility in global markets. These are recent examples of global events which may have an impact on the fund's performance, which could be negatively impacted if the value of a portfolio holding were harmed by these and such other events. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

https://www.troweprice.com/corporate/us/en/utility/policies.html

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on **troweprice.com**.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT

Each year, the fund's Board of Directors (Board) considers the continuation of the investment management agreement (Advisory Contract) between the fund and its investment adviser, T. Rowe Price Associates, Inc. (Adviser). In that regard, at a meeting held on March 7–8, 2022 (Meeting), the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract. At the Meeting, the Board considered the factors and reached the conclusions described below relating to the selection of the Adviser and the approval of the Advisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

In providing information to the Board, the Adviser was guided by a detailed set of requests for information submitted by independent legal counsel on behalf of the independent directors. In considering and approving the Advisory Contract, the Board considered the information it believed was relevant, including, but not limited to, the information discussed below. The Board considered not only the specific information presented in connection with the Meeting but also the knowledge gained over time through interaction with the Adviser about various topics. The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the T. Rowe Price funds' advisory contracts, including performance and the services and support provided to the funds and their shareholders.

Services Provided by the Adviser

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser. These services included, but were not limited to, directing the fund's investments in accordance with its investment program and the overall management of the fund's portfolio, as well as a variety of related activities such as financial, investment operations, and administrative services; compliance; maintaining the fund's records and registrations; and shareholder communications. The Board also reviewed the background and experience of the Adviser's senior management team and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board concluded that it was satisfied with the nature, quality, and extent of the services provided by the Adviser.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and reports that it receives throughout the year relating to fund performance. In connection with the Meeting, the Board reviewed the fund's total returns for various periods through December 31, 2021, and compared these returns with the performance of a peer group of funds with similar investment programs and a wide variety of other previously agreed-upon comparable performance measures and market data, including relative performance information as of September 30, 2021, supplied by Broadridge, which is an independent provider of mutual fund data.

On the basis of this evaluation and the Board's ongoing review of investment results, and factoring in the relative market conditions during certain of the performance periods, the Board concluded that the fund's performance was satisfactory.

Costs, Benefits, Profits, and Economies of Scale

The Board reviewed detailed information regarding the revenues received by the Adviser under the Advisory Contract and other direct and indirect benefits that the Adviser (and its affiliates) may have realized from its relationship with the fund. In considering soft-dollar arrangements pursuant to which research may be received from broker-dealers that execute the fund's portfolio transactions, the Board noted that the Adviser bears the cost of research services for all client accounts that it advises, including the T. Rowe Price funds. The Board received information on the estimated costs incurred and profits realized by the Adviser from managing the T. Rowe Price funds. The Board also reviewed estimates of the profits realized from managing the fund in particular, and the Board concluded that the Adviser's profits were reasonable in light of the services provided to the fund.

The Board also considered whether the fund benefits under the fee levels set forth in the Advisory Contract or otherwise from any economies of scale realized by the Adviser. Under the Advisory Contract, the fund pays the Adviser a single fee, or an all-inclusive management fee, which is based on the fund's average daily net assets. The all-inclusive management fee includes investment management services and provides for the Adviser to pay all of the fund's ordinary, recurring operating expenses except for interest, taxes, portfolio transaction fees, and any nonrecurring extraordinary expenses that may arise. However, the fund has a contractual limitation in place whereby the Adviser has agreed to waive a portion of the management fee it is entitled to receive from the fund in order to limit the fund's overall management fee rate to 0.74% of the fund's average daily net assets. Any fees waived under this management fee waiver agreement are not subject to reimbursement to the Adviser by the fund. The Adviser has generally implemented an all-inclusive management fee structure in situations where a fixed total expense ratio is useful for purposes of providing certainty of fees and expenses for the investors in these funds and has historically sought to set the initial all-inclusive management fee rate at levels below the expense ratios of comparable funds to take into account potential future economies of scale. Because the fund serves as an underlying option to variable annuity products, the all-inclusive

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

fee structure is utilized to create certainty for the annuity providers' overall pricing decisions and disclosures. Assets of the fund are included in the calculation of the group fee rate, which serves as a component of the management fee for many T. Rowe Price funds and declines at certain asset levels based on the combined average net assets of most of the T. Rowe Price funds (including the fund). Although the fund does not have a group fee component to its management fee, its assets are included in the calculation because certain resources utilized to operate the fund are shared with other T. Rowe Price funds. The Board concluded that, based on the profitability data it reviewed and consistent with this all-inclusive management fee structure, the advisory fee structure for the fund continued to be appropriate.

Fees and Expenses

The Board was provided with information regarding industry trends in management fees and expenses. Among other things, the Board reviewed data for peer groups that were compiled by Broadridge, which compared: (i) contractual management fees, actual management fees, nonmanagement expenses, and total expenses of the fund with a group of competitor funds selected by Broadridge (Expense Group) and (ii) actual management fees, nonmanagement expenses, and total expenses of the fund with a broader set of funds within the Lipper investment classification (Expense Universe). The Board considered the fund's contractual management fee rate, actual management fee rate, and total expenses (all of which generally reflect the all-inclusive management fee rate and do not deduct the operating expenses paid by the Adviser as part of the overall management fee) in comparison with the information for the Broadridge peer groups. Broadridge generally constructed the peer groups by seeking the most comparable funds based on similar investment classifications and objectives, expense structure, asset size, and operating components and attributes and ranked funds into quintiles, with the first quintile representing the funds with the lowest relative expenses. The information provided to the Board indicated that the fund's contractual management fee ranked in the fifth quintile (Expense Group), the fund's actual management fee ranked in the fifth quintile (Expense Group and Expense Universe), and the fund's total expenses ranked in the fourth quintile (Expense Group and Expense Universe).

Management provided the Board with additional information with respect to the fund's relative management fees and total expenses ranking in the fourth and fifth quintiles and reviewed and considered the information provided relating to the fund, other funds in the peer groups, and other factors that the Board determined to be relevant.

The Board also reviewed the fee schedules for other investment portfolios with similar mandates that are advised or subadvised by the Adviser and its affiliates, including separately managed accounts for institutional and individual investors; subadvised funds; and other sponsored investment portfolios, including collective investment trusts and pooled vehicles organized and offered to investors outside the United States. Management provided the Board with information about the Adviser's responsibilities and services provided to subadvisory and other institutional account clients, including information about how the requirements and economics of the institutional business are fundamentally different from those of the proprietary mutual fund business. The Board considered information showing that the Adviser's mutual fund business is generally more complex from a business and compliance perspective than its institutional account business and considered various relevant factors, such as the broader scope of operations and oversight, more extensive shareholder communication infrastructure, greater asset flows, heightened business risks, and differences in applicable laws and regulations associated with the Adviser's proprietary mutual fund business. In assessing the reasonableness of the fund's management fee rate, the Board considered the differences in the nature of the services required for the Adviser to manage its mutual fund business versus managing a discrete pool of assets as a subadviser to another institution's mutual fund or for an institutional account and that the Adviser generally performs significant additional services and assumes greater risk in managing the fund and other T. Rowe Price funds than it does for institutional account clients, including subadvised funds.

On the basis of the information provided and the factors considered, the Board concluded that the fees paid by the fund under the Advisory Contract are reasonable.

Approval of the Advisory Contract

As noted, the Board approved the continuation of the Advisory Contract. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the continuation of the Advisory Contract (including the fees to be charged for services thereunder).

This page intentionally left blank.

T.RowePrice®

100 East Pratt Street Baltimore, MD 21202

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

T.RowePrice®



SEMIANNUAL REPORT

June 30, 2022

T. ROWE PRICE

International Stock Portfolio

For more insights from T. Rowe Price investment professionals, go to **troweprice.com**.

HIGHLIGHTS

- International stocks fell in the first half of 2022 as surging inflation, concerns about rising interest rates, and geopolitical turmoil following Russia's invasion of Ukraine led to a retreat from risk assets.
- The International Stock Portfolio returned -17.61% in the first half of its fiscal year and outperformed the MSCI All Country World Index ex USA Net and its Lipper peer group index.
- Positioning changes were mostly adding more cyclical and "growthy" names to the portfolio and reducing some defensive companies that performed well.
- Numerous crosscurrents in the market are creating conflicting signals for investors. We believe that economic growth will moderate for the rest of 2022 as the outlook overall has worsened since the end of 2021, but that most regions will avoid a recession.

Go Paperless

Sign up for e-delivery of your statements, confirmations, and prospectuses or shareholder reports.

(→) TO ENROLL:

If you invest directly with T. Rowe Price, go to **troweprice.com/paperless**.

If you invest through an investment advisor, a bank, or a brokerage firm, please contact that organization and ask if it can provide electronic documentation. **It's fast**—receive your statements and confirmations faster than U.S. mail.

It's convenient—access your important account documents whenever you need them.

It's secure—we protect your online accounts using "True Identity" to confirm new accounts and make verification faster and more secure.

It can save you money—where applicable, T. Rowe Price passes on the cost savings to fund holders.*

Log in to your account at **troweprice.com** for more information.

*Certain mutual fund accounts that are assessed an annual account service fee can also save money by switching to e-delivery.

Market Commentary

Dear Investor

Major stock and bond indexes produced sharply negative results during the first half of 2022 as investors contended with persistently high inflation, tightening financial conditions, and slowing growth.

After reaching an all-time high on January 3, the S&P 500 Index finished the period down about 20%, the worst first half of a calendar year for the index since 1970. Double-digit losses were common in equity markets around the globe, and bond investors also faced a historically tough environment amid a sharp rise in interest rates.

Value shares outperformed growth stocks as equity investors turned risk averse and rising rates put downward pressure on growth stock valuations. Emerging markets stocks held up somewhat better than shares in developed markets due to the strong performance of some oil-exporting countries. Meanwhile, the U.S. dollar strengthened during the period, which weighed on returns for U.S. investors in international securities.

Within the S&P 500, energy was the only bright spot, gaining more than 30% as oil prices jumped in response to Russia's invasion of Ukraine and the ensuing commodity supply crunch. Typically defensive shares, such as utilities, consumer staples, and health care, finished in negative territory but held up relatively well. The consumer discretionary, communication services, and information technology sectors were the weakest performers. Shares of some major retailers fell sharply following earnings misses driven in part by overstocked inventories.

Inflation remained the leading concern for investors throughout the period. Despite hopes in 2021 that the problem was transitory, and later expectations that inflation would peak in the spring, headline consumer prices continued to grind higher throughout the first half of 2022. The war in Ukraine exacerbated already existing supply chain problems, and other factors, such as the impact of the fiscal and monetary stimulus enacted during the pandemic and strong consumer demand, also pushed prices higher. The May consumer price index report (the last to be issued during our reporting period) showed prices increasing 8.6% over the 12-month period, the largest jump since late 1981.

In response, the Federal Reserve, which at the end of 2021 had forecast that only three 25-basis-point (0.25 percentage point) rate hikes would be necessary in all of 2022, rapidly shifted in a hawkish direction and executed three rate increases in the first six months of the year. The policy moves included hikes of 25, 50, and 75 basis points—the largest single increase since 1994—increasing the central bank's short-term lending benchmark from near zero to a target range of 1.50% to 1.75% by the end of June. In addition, the Fed ended the purchases of Treasuries and agency mortgage-backed securities that it had begun to support the economy early in the pandemic and started reducing its balance sheet in June.

Longer-term bond yields also increased considerably as the Fed tightened monetary policy, with the yield on the benchmark 10-year U.S. Treasury note reaching 3.49% on June 14, its highest level in more than a decade. (Bond prices and yields move in opposite directions.) Higher mortgage rates led to signs of cooling in the housing market.

The economy continued to add jobs during the period, and other indicators pointed to a slowing but still expanding economy. However, the University of Michigan consumer sentiment index dropped in June to its lowest level since records began in 1978 as higher inflation expectations undermined confidence.

Looking ahead, investors are likely to remain focused on whether the Fed can tame inflation without sending the economy into recession, a backdrop that could produce continued volatility. We believe this environment makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to identify companies that can add value to your portfolio over the long term.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert fr. Shanfor

Robert Sharps CEO and President

Management's Discussion of Fund Performance

INVESTMENT OBJECTIVE

The fund seeks long-term growth of capital through investments primarily in the common stocks of established, non-U.S. companies.

PORTFOLIO COMMENTARY

How did the portfolio perform in the past six months?

The International Stock Portfolio returned -17.61% in the six months ended June 30, 2022. The portfolio outperformed the MSCI All Country World Index ex USA Net, which returned -18.42%, as well as the Lipper Variable Annuity Underlying International Multi-Cap Growth Funds Average, which returned -25.68%. (*Past performance cannot guarantee future results.*)

PERFORMANCE COMPARISON	
Six-Month Period Ended 6/30/22	Total Return
International Stock Portfolio	-17.61%
MSCI All Country World Index ex USA Net	-18.42
Lipper Variable Annuity Underlying International Multi-Cap Growth Funds Average	-25.68

What factors influenced the portfolio's performance?

Industrials and business services stocks contributed to relative returns after Russia's invasion of Ukraine spurred a rally in several aerospace and defense industry holdings. French defense company Thales and fighter jet manufacturer Dassault Aviation each recorded outsized gains as the conflict raised expectations that the U.S. and European governments would ramp up defense spending in the near term. Key contributors in other sectors included Indian utility NTPC, whose shares gained on delisting expectations of its renewable energy business at the end of 2022, and Portuguese food retailer Jeronimo Martins and Japanese telecommunications provider Nippon Telegraph & Telephone, which outperformed as market volatility led investors to seek refuge in defensive companies with stable earnings. (Please refer to the portfolio of investments for a complete list of holdings and the amount each represents in the portfolio.)

Turning to detractors, energy detracted significantly from relative performance owing to our large underweight to the sector, which outperformed the benchmark with a single-digit, positive return. Materials weighed on relative returns due to unfavorable stock selection, led by our holding in Dutch industrial and decorative paints company AkzoNobel, whose shares fell after management issued a profit warning in June due to underperformance in China and weak retail sales in northern Europe. Finally, information technology (IT) hurt relative performance due to an overweight allocation to the sector, the worst performer amid concerns about rising inflation and interest rates, slowing economic growth, and unsustainable valuations. Our position in Canadian e-commerce company Shopify was a large detractor. Shopify recorded outsized revenue growth during the coronavirus pandemic, but its shares lost more than two-thirds of their value this year after the company reported earnings that trailed analysts' estimates and gave a muted outlook for adding new merchants to its platform in 2022.

How is the portfolio positioned?

Sector and country positioning are primarily driven by bottom-up stock selection based on fundamental research performed by T. Rowe Price's global equity analyst team. Our investment process seeks to uncover companies with leading market positions, seasoned management teams, and technological leadership or other proprietary advantages that we believe are capable of achieving and sustaining aboveaverage earnings growth over time. Positioning changes were mostly adding more cyclical and "growthy" names to the portfolio and reducing some defensive companies that performed well. We focused on quality growth companies whose valuations came down considerably yet still have earnings support.

Financials remained the largest sector weighting in absolute terms, and our allocation remained broadly unchanged in the past six months. Our largest trade was adding to our holding in Partners Group, a Swiss private equity firm that we believe is well positioned to win more business over time as pension funds and other institutional investors increase their allocations to private equity investments. Partners Group has a good track record, and its management has assembled a platform of industry specialists with expertise in transforming assets in its portfolio companies. As for sales, we reduced our position in London Stock Exchange Group (LSE) to reflect a lower level of conviction due to the slow pace of integrating Refinitiv, the data and analytics company that LSE acquired in 2021. We believe that LSE has good fundamentals and a solid growth runway following the acquisition, but the synergies from the deal have so far proved disappointing.

Our allocation to the industrials and business services sector rose in absolute terms after we made several key trades. We reduced our holding in French aerospace and defense company Thales on strength and reallocated proceeds into beaten-down names with more favorable risk/reward. We started a position in French aircraft equipment manufacturer Safran, which we believe is on track to generate faster-thanexpected earnings growth as the recovery in commercial air travel spurs demand for aftermarket servicing for narrow-body jet engines, a segment in which the company has significant market share. We also started a position in UK equipment leasing company Ashtead, whose shares have lagged amid recession fears in the U.S., where the company has a large construction and industrial equipment rental business. However, we believe that Ashtead can navigate a potential slowdown thanks to historically high equipment utilization rates and an industrywide shortage of available equipment, which will allow the company to pass higher costs on to customers.

Our IT allocation declined in absolute terms, but the sector remained a large overweight against the benchmark. Our largest purchase was Keyence, a Japanese manufacturer of vision and laser sensor products used in factory automation. Keyence's shares have lagged this year on recession concerns and worries over a semiconductor capital spending slowdown. However, Keyence is a high-quality, high-margin business that can pass higher costs on to its customers, and we leaned into its share weakness to start a position. In the semiconductor industry, we trimmed our holding in Dutch chipmaker NXP Semiconductors after its shares performed strongly for the past three years amid a global chip shortage and started a position in German chipmaker Infineon Technologies.

SECTOR DIVERSIFICATION

	Percent of N	Vet Assets
	12/31/21	6/30/22
Financials	16.5%	16.2%
Information Technology	16.5	15.5
Health Care	15.0	15.1
Consumer Discretionary	14.7	14.1
Industrials and Business Services	10.3	12.5
Consumer Staples	10.2	9.5
Communication Services	8.3	8.1
Materials	4.5	3.3
Utilities	1.1	1.4
Energy	1.1	1.3
Real Estate	0.0	0.0
Other and Reserves	1.8	3.0
Total	100.0%	100.0%

Historical weightings reflect current industry/sector classifications.

What is portfolio management's outlook?

Numerous crosscurrents in the market today are creating conflicting signals for investors. Recession risks have risen, even as discretionary spending in some areas has recovered close to pre-pandemic levels. Wage inflation persists because tight labor markets have yet to show consistent signs of weakening. Some supply shortages have eased, but China's cities continue to endure rolling lockdowns. Inflation remains stubbornly high, especially in Europe, and some central banks have raised rates while others have resisted. All this has made it unusually difficult to make any determinations about how companies might fare in the future. We believe that economic growth will moderate for the rest of 2022 as the outlook overall has worsened since the end of 2021, but that most regions will avoid a recession.

After several years of high growth leading our investment universe, we have seen a reversal in the first half of 2022. Rising inflation, moderating economic growth, supply chain issues, and the Ukraine war have shaken earnings expectations for the growthiest part of our opportunity set. That has created an opportunity for valuation-sensitive investors to buy quality growth companies that are trading at more reasonable levels than they were just several months ago. If China can contain its coronavirus outbreaks and move past its zero-tolerance approach, its second-half growth could surprise to the upside. In Europe, companies and consumers rely to varying degrees on Russian natural gas to run their factories and offices, and there are no immediate solutions to the push to cut gas imports. Therefore, we believe that inflationary impulses seen earlier this year will persist for some time. However, a weaker euro and the fact that many areas of the market have been heavily discounted means that we have not ruled out Europe as a source for new ideas. In Japan, a historically weak yen and companies' lower reliance on Russian gas could be a tailwind for domestic businesses.

In this kind of unpredictable environment, stock selection is of paramount importance as simple, top-down calls carry a higher-than-usual risk of failure. In such a world, we believe that the more idiosyncratic a stock idea, the better, as that reduces systematic risk within the portfolio. As always, bottom-up stock selection driven by fundamental research remains at the heart of our investment philosophy and process.

The views expressed reflect the opinions of T. Rowe Price as of the date of this report and are subject to change based on changes in market, economic, or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

PRINCIPAL RISKS

International investing. Investing in the securities of non-U.S. issuers involves special risks not typically associated with investing in U.S. issuers. Non-U.S. securities tend to be more volatile and have lower overall liquidity than investments in U.S. securities and may lose value because of adverse local, political, social, or economic developments overseas, or due to changes in the exchange rates between foreign currencies and the U.S. dollar. In addition, investments outside the U.S. are subject to settlement practices and regulatory and financial reporting standards that differ from those of the U.S. The risks of investing outside the U.S. are heightened for any investments in emerging markets, which are susceptible to greater volatility than investments in developed markets.

Market conditions. The value of the fund's investments may decrease, sometimes rapidly or unexpectedly, due to factors affecting an issuer held by the fund, particular industries, or the overall securities markets. A variety of factors can increase the volatility of the fund's holdings and markets generally, including political or regulatory developments, recessions, inflation, rapid interest rate changes, war, military conflict, or acts of terrorism, natural disasters, and outbreaks of infectious illnesses or other widespread public health issues such as the coronavirus pandemic and related governmental and public responses (including sanctions). Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others. Government intervention in markets may impact interest rates, market volatility, and security pricing. These adverse developments may cause broad declines in market value due to short-term market movements or for significantly longer periods during more prolonged market downturns.

Growth investing. The fund's growth approach to investing could cause it to underperform other stock funds that employ a different investment style. Growth stocks tend to be more volatile than certain other types of stocks, and their prices may fluctuate more dramatically than the overall stock market. A stock with growth characteristics can have sharp price declines due to decreases in current or expected earnings and may lack dividends that can help cushion its share price in a declining market.

BENCHMARK INFORMATION

Note: Portions of the mutual fund information contained in this report were supplied by Lipper, a Refinitiv Company, subject to the following: Copyright 2022 © Refinitiv. All rights reserved. Any copying, republication or redistribution of Lipper content is expressly prohibited without the prior written consent of Lipper. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Note: MSCI and its affiliates and third party sources and providers (collectively, "MSCI") makes no express or implied warranties or representations and shall have no liability whatsoever with respect to any MSCI data contained herein. The MSCI data may not be further redistributed or used as a basis for other indices or any securities or financial products. This report is not approved, reviewed, or produced by MSCI. Historical MSCI data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. None of the MSCI data is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such.

TWENTY-FIVE LARGEST HOLDINGS

Company	Country	Percent of Net Assets 6/30/22
Taiwan Semiconductor	country	0,00,22
Manufacturing	Taiwan	3.5%
Prosus	Netherlands	2.3
Nestle	Switzerland	2.1
AIA Group	Hong Kong	2.1
ASML Holding	Netherlands	1.9
EssilorLuxottica	France	1.9
Dassault Aviation	France	1.8
Housing Development Finance	India	1.8
Canadian Pacific Railway	Canada	1.7
Deutsche Telekom	Germany	1.7
ТМХ	Canada	1.6
Alibaba Group Holding	China	1.6
AstraZeneca	United Kingdom	1.6
Otsuka Holdings	Japan	1.6
Julius Baer	Switzerland	1.5
Unilever	United Kingdom	1.5
Nippon Telegraph & Telephone	Japan	1.4
NTPC	India	1.4
Bank Central Asia	Indonesia	1.4
Akzo Nobel	Netherlands	1.4
Galp Energia	Portugal	1.3
Sanofi	France	1.3
Thales	France	1.3
Samsung Electronics	South Korea	1.2
NAVER	South Korea	1.2
Total		42.1%

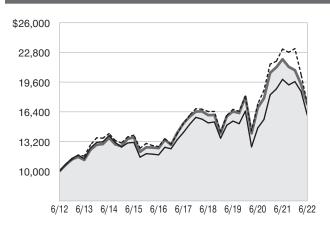
Note: The information shown does not reflect any exchange-traded funds (ETFs), cash reserves, or collateral for securities lending that may be held in the portfolio.

As of 6/30/22

GROWTH OF \$10,000

This chart shows the value of a hypothetical \$10,000 investment in the portfolio over the past 10 fiscal year periods or since inception (for portfolios lacking 10-year records). The result is compared with benchmarks, which include a broad-based market index and may also include a peer group average or index. Market indexes do not include expenses, which are deducted from portfolio returns as well as mutual fund averages and indexes.

INTERNATIONAL STOCK PORTFOLIO



_	International Stock Portfolio	\$17,200
—	MSCI All Country World Index ex USA Net	16,031
	Lipper Variable Annuity Underlying International Multi-Cap Growth Funds Average	17,248

AVERAGE ANNUAL COMPOUND TOTAL RETURN

Periods Ended 6/30/22	1 Year	5 Years	10 Years
International Stock Portfolio	-22.05%	2.58%	5.57%

The fund's performance information represents only past performance and is not necessarily an indication of future results. Current performance may be lower or higher than the performance data cited. Share price, principal value, and return will vary, and you may have a gain or loss when you sell your shares. For the most recent month-end performance, please contact a T. Rowe Price representative at 1-800-469-6587 (financial advisors, or customers who have an advisor, should call 1-800-638-8790). Total returns do not include charges imposed by your insurance company's separate account. If these had been included, performance would have been lower.

This table shows how the portfolio would have performed each year if its actual (or cumulative) returns for the periods shown had been earned at a constant rate. Average annual total return figures include changes in principal value, reinvested dividends, and capital gain distributions. When assessing performance, investors should consider both short- and long-term returns.

FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Actual Expenses

The first line of the following table (Actual) provides information about actual account values and actual expenses. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

INTERNATIONAL STOCK PORTFOLIO

	Beginning Account Value 1/1/22	Ending Account Value 6/30/22	Expenses Paid During Period* 1/1/22 to 6/30/22
Actual	\$1,000.00	\$823.90	\$4.30
Hypothetical (assumes 5% return before expenses)	1,000.00	1,020.08	4.76

*Expenses are equal to the fund's annualized expense ratio for the 6-month period (0.95%), multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (181), and divided by the days in the year (365) to reflect the half-year period.

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

	6 Months Ended	Year Ended				
	6/30/22	12/31/21	12/31/20	12/31/19	12/31/18	12/31/17
NET ASSET VALUE	, ,	, ,	, ,	, ,	, ,	
Beginning of period	\$ 16.01	\$ 17.08	\$ 15.62	\$ 13.04	\$ 17.35	\$ 14.27
Investment activities						
Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	0.10	0.11	0.08	0.34(3)	0.21	0.17
loss	(2.92)	0.09	2.17	3.27	(2.67)	3.80
Total from investment activities	 (2.82)	 0.20	 2.25	 3.61	 (2.46)	 3.97
Distributions						
Net investment income	-	(0.11)	(0.09)	(0.37)	(0.23)	(0.19)
Net realized gain	 	 (1.16)	 (0.70)	 (0.66)	 (1.62)	 (0.70)
Total distributions	 	 (1.27)	 (0.79)	 (1.03)	 (1.85)	 (0.89)
NET ASSET VALUE						
End of period	\$ 13.19	\$ 16.01	\$ 17.08	\$ 15.62	\$ 13.04	\$ 17.35
Ratios/Supplemental Data						
Total return ⁽²⁾⁽⁴⁾	 (17.61)%	 1.32%	 14.45%	 27.77%	 (14.20)%	 27.88%
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/						
payments by Price Associates ⁽⁵⁾ Net expenses after waivers/	 1.05%(6)	 1.05%	 1.05%	 1.05%	 1.00%	 1.05%
payments by Price Associates	0.95%(6)	0.95%	0.95%	0.95%	1.00%	1.05%
Net investment income	 1.34%(6)	 0.59%	 0.56%	 2.31% ⁽³⁾	 1.28%	 1.04%
Portfolio turnover rate Net assets, end of period (in	 14.8%	 29.1%	 30.6%	 33.8%	 36.3%	 34.0%
thousands)	\$ 228,005	\$ 291,749	\$ 300,544	\$ 295,743	\$ 271,207	\$ 382,759

 $^{\scriptscriptstyle (1)}$ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 7 for details of expense-related arrangements with Price Associates.

⁽³⁾ Reflects special dividends which amounted to \$0.16 per share and 1.07% of average net assets.

⁽⁴⁾ Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁵⁾ See Note 7. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.

(6) Annualized

T. ROWE PRICE INTERNATIONAL STOCK PORTFOLIO

June 30, 2022 (Unaudited)

(Cost and value in \$000s) AUSTRIA 0.0% Common Stocks 0.0% Erste Group Bank 773 Total Austria (Cost \$23) BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 12 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition ByteZance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) ChiNA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 </th <th>20 20 20 20 20 20 20 20 20 20 20 20 20 2</th>	20 20 20 20 20 20 20 20 20 20 20 20 20 2
AUSTRIA 0.0% Common Stocks 0.0% Erste Group Bank 773 Total Austria (Cost \$23) BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Allibaba Group Holding, ADR 3	293 688 1,597 903 3,946 1,795 355 415 801 1,074
Common Stocks 0.0% Frste Group Bank 773 Total Austria (Cost \$23) BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 5 5 CANADA 5.8% Common Stocks 5.8% Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 5,954 Total Cayman Islands (Cost \$293) Cost \$293) 5,954 5,954 Common Stocks 5.4% 58.com (USD) (3) 65,164 4,113 5,954 5,9	293 688 1,597 903 3,946 1,795 355 415 801 1,074
Erste Group Bank 773 Total Austria (Cost \$23) BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 3,954 Total Cayman Islands (Cost \$293) Cotl Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% S8.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 32,361	293 688 1,597 903 3,946 1,795 355 415 801 1,074
Total Austria (Cost \$23) BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) Chill A 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 32,361	293 688 1,597 903 3,946 1,795 355 415 801 1,074
BRAZIL 1.5% Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Salibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	293 688 1,597 903 3,946 1,795 355 415 801 1,074
Common Stocks 1.5% Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) 5954 Cotal Cayman Islands (Cost \$293) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 32,361	688 1,597 903 3,481 3,946 1,795 355 415 801 1,074
Magazine Luiza 649,854 Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% 5 Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293 (USD) (1) (3)(4) (3)(4) 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 82,361 Baidu, ADR (USD) (1) 12,753 53	688 1,597 903 3,481 3,946 1,795 355 415 801 1,074
Rede D'Or Sao Luiz 124,203 Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	688 1,597 903 3,481 3,946 1,795 355 415 801 1,074
Suzano 167,824 XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 5 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,597 903 3,481 3,946 1,795 355 415 801 1,074
XP, Class A (USD) (1) 50,254 Total Brazil (Cost \$6,779) 3 CANADA 5.8% 3 Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 2 Stocks 0.4% 3 ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) 5 CHINA 8.6% 2 Common Stocks 5.4% 58.com (USD) (3) 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	903 3,946 1,795 355 415 801 1,074
Total Brazil (Cost \$6,779) 3 CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	3,946 1,795 355 415 801 1,074
CANADA 5.8% Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	3,946 1,795 355 415 801 1,074
Common Stocks 5.8% Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Cotal Cayman Islands (Cost \$293) 65,164 Stocks 0.4% 14 Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Cotal Cayman Islands (Cost \$293) 5,954 Common Stocks 5.4% 58.com (USD) (3) 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,795 355 415 801 1,074
Canadian Pacific Railway (USD) (2) 56,500 Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,795 355 415 801 1,074
Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Cotal Cayman Islands (Cost \$293) 5,954 ChliNA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,795 355 415 801 1,074
Constellation Software 1,209 Definity Financial 13,739 Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Cotal Cayman Islands (Cost \$293) 5,954 ChliNA 8.6% 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,795 355 415 801 1,074
Descartes Systems Group (USD) (1) 6,692 Shopify, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Total Cayman Islands (Cost \$293 (USD) (1) 5,954 Cotal Cayman Islands (Cost \$293) 5,954 ChliNA 8.6% 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	415 801 1,074
Shopity, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 13 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	801 1,074
Shopity, Class A (USD) (1) 25,630 Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 13 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Date: 7/8/19, Cost \$293 (USD) (1) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	1,074
Sun Life Financial 23,450 TELUS International CDA (1) 44,431 TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 13 Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition 5,954 Date: 7/8/19, Cost \$293 (USD) (1) 5,954 (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	
TMX Group 36,941 Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred 5000000000000000000000000000000000000	1,115
Total Canada (Cost \$14,814) 13 CAYMAN ISLANDS 0.4% 14 Convertible Preferred 15 Stocks 0.4% 15 ByteDance, Series E, Acquisition 16 Date: 7/8/19, Cost \$293 (USD) (1) 10 (3)(4) 5,954 Total Cayman Islands (Cost 16 \$293) 16 CHINA 8.6% 16 Common Stocks 5.4% 65,164 Alibaba Group Holding, ADR 32,361 Baidu, ADR (USD) (1) 12,753	
CAYMAN ISLANDS 0.4% Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	3,760
Convertible Preferred Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	8,261
Stocks 0.4% ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
ByteDance, Series E, Acquisition Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
Date: 7/8/19, Cost \$293 (USD) (1) (3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
(3)(4) 5,954 Total Cayman Islands (Cost \$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
Child Contemporation Contemporation </td <td>873</td>	873
\$293) CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
CHINA 8.6% Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	873
Common Stocks 5.4% 58.com (USD) (3) 65,164 Alibaba Group Holding, ADR 32,361 (USD) (1) 32,753	075
58.com (USD) (3) 65,164 Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
Alibaba Group Holding, ADR (USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
(USD) (1) 32,361 Baidu, ADR (USD) (1) 12,753	
Baidu, ADR (USD) (1) 12,753	3,679
	1,897
JD Health International (HKD) (1) 166,400	1,317
Kanzhun, ADR (USD) (1) 10,501	276
Silergy (TWD) 5,000	404
	2,060
	1,874
Wuxi Biologics Cayman (HKD) (1) 86,500	801
	001
Common Stocks - China A Shares 3.2%	2,308
Gree Electric Appliances of Zhuhai,	
A Shares (CNH) 291,484	
Kweichow Moutai, A Shares (CNH) 5,670	

	Shares	\$ Value
Cost and value in \$000s)		
NARI Technology, A Shares (CNH)	386,880	1,568
Shandong Pharmaceutical Glass, A	007 700	070
Shares (CNH) Shenzhen Inovance Technology, A	207,700	870
Shares (CNH)	155,000	1,532
		7,181
Total China (Cost \$14,531)		19,489
DENMARK 0.7%		
Common Stocks 0.7%		
Genmab (1)	4,783	1,552
Total Denmark (Cost \$1,576)		1,552
FRANCE 8.4%		
Common Stocks 8.4%		
Dassault Aviation	26,029	4,065
EssilorLuxottica	27,846	4,222
Kering	4,970	2,576
LVMH Moet Hennessy Louis Vuitton Safran	1,519 14.406	931 1,434
Sanofi	29,337	2,958
Thales	23,989	2,930
Total France (Cost \$16,085)	20,000	19,131
GERMANY 7.0%		
Common Stocks 6.6%		
Bayer	26,486	1,582
Beiersdorf	14,559	1,494
Daimler Truck Holding (1)	27,177	716
Deutsche Boerse	14,332	2,407
Deutsche Telekom	197,790	3,934
Evotec (1)	62,063	1,504
Infineon Technologies	41,258	1,004
Knorr-Bremse	19,037	1,090
Shop Apotheke Europe (1)	5,895	526
TeamViewer (1)	47,927	479
Zalando (1)	12,789	337
Preferred Stocks 0.4%		15,073
Sartorius	2,731	958
Total Germany (Cost \$17,849)		958 16,031
		10,031
HONG KONG 2.1%		
Common Stocks 2.1% AIA Group	440 800	4,816
Total Hong Kong (Cost \$1,134)		4,816
INDIA 5.2%		
Common Stocks 5.2%		
Axis Bank (1)	287,410	2,321
Housing Development Finance	146,288	4,016

	Shares	\$ Value
(Cost and value in \$000s)		
Kotak Mahindra Bank	41,346	873
Maruti Suzuki India	13,667	1,468
NTPC	1,774,769	3,209
Total India (Cost \$7,303)		11,887
INDONESIA 2.2%		
Common Stocks 2.2%		
Bank Central Asia	6,485,300	3,158
Sarana Menara Nusantara	24,702,700	1,825
Total Indonesia (Cost \$1,794)		4,983
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ITALY 1.6%		
Common Stocks 1.6%		
Banca Mediolanum	236,018	1,557
DiaSorin	9,334	1,228
Ermenegildo Zegna Holditalia	74.004	
(USD) (1)(2)	71,084	750
Total Italy (Cost \$3,668)		3,535
JAPAN 14.2%		
Common Stocks 14.2%		
Chugai Pharmaceutical	54,600	1,397
Daiichi Sankyo	86,400	2,197
Daikin Industries	7,900	1,268
Disco	3,900	928
Fujitsu General	82,400	1,636
Hikari Tsushin	6,700	689
Hoshizaki Keyence	22,100 3,200	659 1,097
Murata Manufacturing	32,100	1,747
Nippon Telegraph & Telephone	114,700	3,296
NTT Data	84,300	1,169
Otsuka Holdings	101,700	3,630
Outsourcing	109,900	841
Pan Pacific International Holdings	58,900	939
Persol Holdings	84,800	1,548
Seven & i Holdings	68,600	2,662
Shimadzu	35,500	1,125
Sony Group	19,800	1,615
Stanley Electric	61,900	1,016
Suzuki Motor	40,300	1,267
Z Holdings	539,700	1,570
Total Japan (Cost \$31,670)		32,296

NETHERLANDS 6.6%

Common Stocks 6.6%

Adyen (1)	544	785
Akzo Nobel	48,177	3,151
ASML Holding	9,041	4,271
Koninklijke Philips	81,297	1,744
Prosus	80,290	5,199
Total Netherlands (Cost \$14,321)		15,150

	Shares	\$ Value
(Cost and value in \$000s)		
PHILIPPINES 0.4%		
Common Stocks 0.4%		
SM Investments	56,935	810
Total Philippines (Cost \$931)		810
PORTUGAL 1.9%		
Common Stocks 1.9%		
Galp Energia Jeronimo Martins	58 757	3,003 1,274
Total Portugal (Cost \$4,129)		4,277
RUSSIA 0.0%		
Common Stocks 0.0%		
TCS Group Holding, GDR (USD) (1)		
(3)	7,243	_ _
Total Russia (Cost \$433)		
SOUTH AFRICA 0.4%		
Common Stocks 0.4%		
Capitec Bank Holdings	7,965	976
Total South Africa (Cost \$391)		976
SOUTH KOREA 2.8%		
Common Stocks 2.8%		
	1,673	879
NAVER Samsung Electronics	14,872	2,774 2,800
Total South Korea (Cost \$3,804)	63,485	6,453
SPAIN 1.3%		
Common Stocks 1.3%		
Amadeus IT Group, Class A (1)	25,376	1,421
Fluidra	78,279	1,593
Total Spain (Cost \$3,620)		3,014
SWEDEN 1.9%		
Common Stocks 1.9%		
Assa Abloy, B Shares	58,625	1,251
Essity, Class B	52,516	1,373
Olink Holding, ADR (USD) (1) Swedbank, A Shares	116 015	241 1,471
Total Sweden (Cost \$4,294)		4,336
SWITZERLAND 8.6%		
Common Stocks 8.6%		
Alcon	35,057	2,458
Barry Callebaut	767	1,716
Julius Baer Group	75,839	3,518
Lonza Group	4,498	2,403

	Shares	\$ Value
Cost and value in \$000s)		
Nestle Partners Group Holding PolyPeptide Group Roche Holding	2,721 8,794	4,899 2,457 601 1,452
Total Switzerland (Cost \$14,931)		19,504
TAIWAN 3.5%		
Common Stocks 3.5%		
Taiwan Semiconductor Manufacturing Total Taiwan (Cost \$1,336)	498,000	7,981 7,981
THAILAND 0.7%		
Common Stocks 0.7%		
CP ALL Total Thailand (Cost \$1,199)	915,000	1,557 1,557
UNITED ARAB EMIRATES 0.4%		
Common Stocks 0.4% Network International Holdings		
(GBP) (1)	366,348	843
Total United Arab Emirates (Cost \$1,861)		843
UNITED KINGDOM 6.7%		
Common Stocks 6.7%		
Ashtead Group AstraZeneca, ADR (USD)	22,301 55,011	938 3,634
boohoo Group (1) Bridgepoint Group	354,590 176,412	239 519
Burberry Group	70,034	1,405
London Stock Exchange Group	28,997	2,706
Smith & Nephew Unilever (EUR)	176,915 75,586	2,474 3,433
Total United Kingdom (Cost		
\$15,462)		15,348
UNITED STATES 4.2%		
Common Stocks 4.2%	5 000	1 0 1 0
Accenture, Class A Atlassian, Class A (1) Canva, Acquisition Date: 8/16/21 -	5,800 3,600	1,610 675
11/4/21, Cost \$470 (1)(3)(4)	276	264
Linde (EUR) (2)	9,578	2,756
		1 660
Mastercard, Class A	4,921	1,552
Mastercard, Class A NXP Semiconductors Waste Connections	4,921 2,626 18,845	389

	Shares	\$ Value
(Cost and value in \$000s)		
Convertible Preferred Stocks 0.0%		
Canva, Series A, Acquisition Date: 11/4/21, Cost \$27 (1)(3)(4)	16	15
Total United States (Cost \$7,140)		15 9,597
SHORT-TERM INVESTMENTS 2.6%		
Money Market Funds 2.6%		
T. Rowe Price Government Reserve Fund, 1.33% (5)(6)	6,034,976	6,035
Total Short-Term Investments (Cost \$6,035)		6,035
SECURITIES LENDING COLLATERAL 1.3	8%	
INVESTMENTS IN A POOLED ACCOUNT SECURITIES LENDING PROGRAM WITH CHASE BANK 1.3%		
Money Market Funds 1.3%		
T. Rowe Price Government Reserve Fund, 1.33% (5)(6)	2,997,649	2,998
Total Investments in a Pooled Account th Securities Lending Program with JPMore	•	
Bank		2,998
Total Securities Lending Collateral (Cost \$2,998)		2,998
Total Investments in Securities		
101.0% of Net Assets (Cost \$200,404)	\$	230,234

- ‡ Country classifications are generally based on MSCI categories or another unaffiliated third party data provider; Shares are denominated in the currency of the country presented unless otherwise noted.
- (1) Non-income producing
- (2) See Note 4. All or a portion of this security is on loan at June 30, 2022.
- (3) See Note 2. Level 3 in fair value hierarchy.
- (4) Security cannot be offered for public resale without first being registered under the Securities Act of 1933 and related rules ("restricted security"). Acquisition date represents the day on which an enforceable right to acquire such security is obtained and is presented along with related cost in the security description. The fund may have registration rights for certain restricted securities. Any costs related to such registration are generally borne by the issuer. The aggregate value of restricted securities (excluding 144A holdings) at period end amounts to \$1,152 and represents 0.5% of net assets.
- (5) Seven-day yield
- (6) Affiliated Companies
- ADR American Depositary Receipts
- CNH Offshore China Renminbi
- EUR Euro
- GBP British Pound
- GDR Global Depositary Receipts
- HKD Hong Kong Dollar
- TWD Taiwan Dollar
- USD U.S. Dollar

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended June 30, 2022. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

	Change in Net		
	Net Realized	Unrealized	Investment
Affiliate	Gain (Loss)	Gain/Loss	Income
T. Rowe Price Government Reserve Fund, 1.33%	\$ - \$	- \$	14++
Totals	\$ — # \$	- \$	14+

Supplementary Investment Schedule				
	Value	Purchase	Sales	Value
Affiliate	12/31/21	Cost	Cost	06/30/22
T. Rowe Price Government Reserve Fund, 1.33%	\$ 8,274	Ø	¤ \$	9,033
Total			\$	9,033^

Capital gain distributions from mutual funds represented \$0 of the net realized gain (loss).

++ Excludes earnings on securities lending collateral, which are subject to rebates and fees as described in Note 4.

+ Investment income comprised \$14 of dividend income and \$0 of interest income.

- ^a Purchase and sale information not shown for cash management funds.
- ^ The cost basis of investments in affiliated companies was \$9,033.

June 30, 2022 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

Assets Investments in securities, at value (cost \$200,404) Foreign currency (cost \$612) Receivable for investment securities sold Dividends receivable Cash Receivable for shares sold Other assets Total assets	\$ 230,234 612 353 194 3 1 512 231,909
Liabilities Obligation to return securities lending collateral Payable for investment securities purchased Investment management and administrative fees payable Payable for shares redeemed Other liabilities Total liabilities	 2,998 457 235 161 53 3,904
NET ASSETS	\$ 228,005
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 17,288,309 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized	\$ 33,653 194,352
NET ASSETS	\$ 228,005
NET ASSET VALUE PER SHARE	\$ 13.19

STATEMENT OF OPERATIONS

(\$000s)

	6 Months Ended 6/30/22
Investment Income (Loss)	
Income	
Dividend (net of foreign taxes of \$380)	\$ 2,899
Securities lending	21
Total income	2,920
Expenses	
Investment management and administrative expense	1,336
Waived / paid by Price Associates	(127)
Net expenses	1,209
Net investment income	1,711
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities (net of foreign taxes of \$(1))	2,557
Options written	12
Foreign currency transactions	(72)
Net realized gain	2,497
Change in net unrealized gain / loss	
Securities (net of decrease in deferred foreign taxes of \$(46))	(54,235)
Other assets and liabilities denominated in foreign currencies	(30)
Change in net unrealized gain / loss	(54,265)
Net realized and unrealized gain / loss	(51,768)
······································	
DECREASE IN NET ASSETS FROM OPERATIONS	\$ (50,057)

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

(+)		
	6 Months	Year
	Ended	Ended
	6/30/22	12/31/21
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 1,711 \$	1,816
Net realized gain	2,497	21,864
Change in net unrealized gain / loss	 (54,265)	(19,428)
Increase (decrease) in net assets from operations	 (50,057)	4,252
Distributions to shareholders		
Net earnings	 -	(21,384)
Capital share transactions*		
Shares sold	7,962	18,673
Distributions reinvested	-	21,384
Shares redeemed	(21,649)	(31,720)
Increase (decrease) in net assets from capital share transactions	 (13,687)	8,337
Net Assets		
Decrease during period	(63,744)	(8,795)
Beginning of period	291,749	300,544
End of period	\$ 228,005 \$	291,749
*Share information (000s)		
Shares sold	565	1,047
Distributions reinvested	_	1,368
Shares redeemed	(1,505)	(1,782)
Increase (decrease) in shares outstanding	 (940)	633

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price International Series, Inc. (the corporation) is registered under the Investment Company Act of 1940 (the 1940 Act). The International Stock Portfolio (the fund) is a diversified, open-end management investment company established by the corporation. The fund seeks long-term growth of capital through investments primarily in the common stocks of established, non-U.S. companies. Shares of the fund are currently offered only to insurance company separate accounts established for the purpose of funding variable annuity contracts and variable life insurance policies.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from mutual fund investments are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions are recorded on the ex-dividend date. Non-cash dividends, if any, are recorded at the fair market value of the asset received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid annually. A capital gain distribution may also be declared and paid by the fund annually.

Currency Translation Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate, using the mean of the bid and asked prices of such currencies against U.S. dollars as provided by an outside pricing service. Purchases and sales of securities, income, and expenses are translated into U.S. dollars at the prevailing exchange rate on the respective date of such transaction. The effect of changes in foreign currency exchange rates on realized and unrealized security gains and losses is not bifurcated from the portion attributable to changes in market prices.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The T. Rowe Price Valuation Committee (the Valuation Committee) is an internal committee that has been delegated certain responsibilities by the fund's Board of Directors (the Board) to ensure that financial instruments are appropriately priced at fair value in accordance with GAAP and the 1940 Act. Subject to oversight by the Board, the Valuation Committee develops and oversees pricing-related policies and procedures and approves all fair value determinations. Specifically, the Valuation Committee establishes policies and procedures used in valuing financial instruments, including those which cannot be valued in accordance with normal procedures or using pricing vendors; determines pricing techniques, sources, and persons eligible to effect fair value pricing

actions; evaluates the services and performance of the pricing vendors; oversees the pricing process to ensure policies and procedures are being followed; and provides guidance on internal controls and valuation-related matters. The Valuation Committee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

- Level 1 quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date
- Level 2 inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 unobservable inputs (including the fund's own assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Equity securities, including exchange-traded funds, listed or regularly traded on a securities exchange or in the over-the-counter (OTC) market are valued at the last quoted sale price or, for certain markets, the official closing price at the time the valuations are made. OTC Bulletin Board securities are valued at the mean of the closing bid and asked prices. A security that is listed or traded on more than one exchange is valued at the quotation on the exchange determined to be the primary market for such security. Listed securities not traded on a particular day are valued at the mean of the closing bid and asked prices for domestic securities and the last quoted sale or closing price for international securities.

The last quoted prices of non-U.S. equity securities may be adjusted to reflect the fair value of such securities at the close of the NYSE, if the fund determines that developments between the close of a foreign market and the close of the NYSE will affect the value of some or all of its portfolio securities. Each business day, the fund uses information from outside pricing services to evaluate and, if appropriate, decide whether it is necessary to adjust quoted prices to reflect fair value by reviewing a variety of factors, including developments in foreign markets, the performance of U.S. securities markets, and the performance of instruments trading in U.S. markets that represent foreign securities and baskets of foreign securities. The fund uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The fund cannot predict how often it will use quoted prices and how often it will determine it necessary to adjust those prices to reflect fair value.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations or market-based valuations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Committee, in accordance with fair valuation policies and procedures. The objective of any fair value pricing determination is to arrive at a price that could reasonably be expected from a current sale. Financial instruments fair valued by the Valuation Committee are primarily private placements, restricted securities, warrants, rights, and other securities that are not publicly traded. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Committee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Committee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis

and updated as information becomes available, including actual purchase and sale transactions of the investment. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions, and fair value prices determined by the Valuation Committee could differ from those of other market participants.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2022 (for further detail by category, please refer to the accompanying Portfolio of Investments):

	_				
(\$000s)		Level 1	Level 2	Level 3	Total Value
Assets					
Common Stocks	\$	24,978 \$	194,113 \$	264 \$	219,355
Convertible Preferred Stocks		_	_	888	888
Preferred Stocks		_	958	_	958
Short-Term Investments		6,035	—	_	6,035
Securities Lending Collateral		2,998	-	-	2,998
Total	\$	34,011 \$	195,071 \$	1,152 \$	230,234

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2022, the fund invested in derivative instruments. As defined by GAAP, a derivative is a financial instrument whose value is derived from an underlying security price, foreign exchange rate, interest rate, index of prices or rates, or other variable; it requires little or no initial investment and permits or requires net settlement. The fund invests in derivatives only if the expected risks and rewards are consistent with its investment objectives, policies, and overall risk profile, as described in its prospectus and Statement of Additional Information. The fund may use derivatives for a variety of purposes and may use them to establish both long and short positions within the fund's portfolio. Potential uses include to hedge against declines in principal value, increase yield, invest in an asset with greater efficiency and at a lower cost than is possible through direct investment, to enhance return, or to adjust credit exposure. The risks associated with the use of derivatives are different from, and potentially much greater than, the risks associated with investing directly in the instruments on which the derivatives are based. The fund at all times maintains sufficient cash reserves, liquid assets, or other SEC-permitted asset types to cover its settlement obligations under open derivative contracts.

The fund values its derivatives at fair value and recognizes changes in fair value currently in its results of operations. Accordingly, the fund does not follow hedge accounting, even for derivatives employed as economic hedges. Generally, the fund accounts for its derivatives on a gross basis. It does not offset the fair value of derivative liabilities against the fair value of derivative assets on its financial statements, nor does it offset the fair value of derivative instruments against the right to reclaim or obligation to return collateral. As of June 30, 2022, the fund held no derivative instruments.

The amount of gains and losses on derivative instruments recognized in fund earnings during the six months ended June 30, 2022, and the related location on the accompanying Statement of Operations is summarized in the following table by primary underlying risk exposure:

(\$000s)	Location of Gain (Loss) on Statement of Operations	
	•	otions ritten
Realized Gain (Loss)		
Equity derivatives	\$	12
Total	\$	12

Options The fund is subject to equity price risk in the normal course of pursuing its investment objectives and uses options to help manage such risk. The fund may use options to manage exposure to security prices, interest rates, foreign currencies, and credit quality; as an efficient means of adjusting exposure to all or a part of a target market; to enhance income; as a cash management tool; or to adjust credit exposure. Options are included in net assets at fair value, options purchased are included in Investments in Securities, and options written are separately reflected as a liability on the accompanying Statement of Assets and Liabilities. Premiums on unexercised, expired options are recorded as realized gains or losses; premiums on exercised options are recorded as an adjustment to the proceeds from the sale or cost of the purchase. The difference between the premium and the amount received or paid in a closing transaction is also treated as realized gain or loss. In return for a premium paid, call and put options give the holder the right, but not the obligation, to purchase or sell, respectively, a security at a specified exercise price. Risks related to the use of options include possible illiquidity of the options markets; trading restrictions imposed by an exchange or counterparty; possible failure of counterparties to meet the terms of the agreements; movements in the underlying asset values and, for options written, the potential for losses to exceed any premium received by the fund. During the six months ended June 30, 2022, the volume of the fund's activity in options, based on underlying notional amounts, was generally less than 1% of net assets.

NOTE 4 - OTHER INVESTMENT TRANSACTIONS

Consistent with its investment objective, the fund engages in the following practices to manage exposure to certain risks and/or to enhance performance. The investment objective, policies, program, and risk factors of the fund are described more fully in the fund's prospectus and Statement of Additional Information.

Emerging and Frontier Markets The fund invests, either directly or through investments in other T. Rowe Price funds, in securities of companies located in, issued by governments of, or denominated in or linked to the currencies of emerging and frontier market countries. Emerging markets, and to a greater extent frontier markets, generally have economic structures that are less diverse and mature, and political systems that are less stable, than developed countries. These markets may be subject to greater political, economic, and social uncertainty and differing regulatory environments that may potentially impact the fund's ability to buy or sell certain securities or repatriate proceeds to U.S. dollars. Such securities are often subject to greater price volatility, less liquidity, and higher rates of inflation than U.S. securities. Investing in frontier markets is significantly riskier than investing in other countries, including emerging markets.

Restricted Securities The fund invests in securities that are subject to legal or contractual restrictions on resale. Prompt sale of such securities at an acceptable price may be difficult and may involve substantial delays and additional costs.

Securities Lending The fund may lend its securities to approved borrowers to earn additional income. Its securities lending activities are administered by a lending agent in accordance with a securities lending agreement. Security loans generally do not have stated maturity dates, and the fund may recall a security at any time. The fund receives collateral in the form of cash or U.S. government securities. Collateral is maintained over the life of the loan in an amount not less than the value of loaned securities; any additional collateral required due to changes in security values is delivered to the fund the next business day. Cash collateral is invested in accordance with investment guidelines approved by fund management. Additionally, the lending agent indemnifies the fund against losses resulting from borrower default. Although risk is mitigated by the collateral and indemnification, the fund could experience a delay in recovering its securities and a possible loss of income or value if the borrower fails to return the securities, collateral invested collateral and borrowing fees, net of any rebates to the borrower, compensation to the lending agent, and other administrative costs. In accordance with GAAP, investments made with cash collateral are reflected in the accompanying financial statements, but collateral received in the form of securities is not. At June 30, 2022, the value of loaned securities was \$2,887,000; the value of cash collateral and related investments was \$2,998,000.

Other Purchases and sales of portfolio securities other than short-term securities aggregated \$37,273,000 and \$50,805,000, respectively, for the six months ended June 30, 2022.

NOTE 5 - FEDERAL INCOME TAXES

No provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report.

The fund intends to retain realized gains to the extent of available capital loss carryforwards. Net realized capital losses may be carried forward indefinitely to offset future realized capital gains. As of December 31, 2021, the fund had \$389,000 of available capital loss carryforwards.

At June 30, 2022, the cost of investments for federal income tax purposes was \$202,334,000. Net unrealized gain aggregated \$27,778,000 at period-end, of which \$52,170,000 related to appreciated investments and \$24,392,000 related to depreciated investments.

NOTE 6 - FOREIGN TAXES

The fund is subject to foreign income taxes imposed by certain countries in which it invests. Additionally, capital gains realized upon disposition of securities issued in or by certain foreign countries are subject to capital gains tax imposed by those countries. All taxes are computed in accordance with the applicable foreign tax law, and, to the extent permitted, capital losses are used to offset capital gains. Taxes attributable to income are accrued by the fund as a reduction of income. Current and deferred tax expense attributable to capital gains is reflected as a component of realized or change in unrealized gain/loss on securities in the accompanying financial statements. To the extent that the fund has country specific capital loss carryforwards, such carryforwards are applied against net unrealized gains when determining the deferred tax liability. Any deferred tax liability incurred by the fund is included in either Other liabilities or Deferred tax liability on the accompanying Statement of Assets and Liabilities.

NOTE 7 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). The investment management and administrative agreement between the fund and Price Associates provides for an all-inclusive annual fee equal to 1.05% of the fund's average daily net assets. The fee is computed daily and paid monthly. The all-inclusive fee covers investment management services and ordinary, recurring operating expenses but does not cover interest expense; expenses related to borrowing, taxes, and brokerage; or nonrecurring expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2023 to waive a portion of its management fee in order to limit the fund's management fee to 0.95% of the fund's average daily net assets. Thereafter, this agreement automatically renews for one-year terms unless terminated or modified by the fund's Board. Fees waived and expenses paid under this agreement are not subject to reimbursement to Price Associates by the fund. The total management fees waived were \$127,000 for the six months ended June 30, 2022.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds, or the T. Rowe Price Short-Term Fund, a short-term bond fund (collectively, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund; prior to December 13, 2021, the cash collateral from securities lending was invested in the T. Rowe Price Short-Term Fund. The Price Reserve Funds pay no investment management fees.

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended June 30, 2022, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

Price Associates has voluntarily agreed to reimburse the fund from its own resources on a monthly basis for the cost of investment research embedded in the cost of the fund's securities trades. This agreement may be rescinded at any time. For the six months ended June 30, 2022, this reimbursement amounted to \$2,000, which is included in Net realized gain (loss) on Securities in the Statement of Operations.

NOTE 8 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war, terrorism, pandemics, outbreaks of infectious diseases, and similar public health threats may significantly affect the economy and the markets and issuers in which a fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks. Since 2020, a novel strain of coronavirus (COVID-19) has resulted in disruptions to global business activity and caused significant volatility and declines in global financial markets. In February 2022, Russian forces entered Ukraine and commenced an armed conflict leading to economic sanctions being imposed on Russia and certain of its citizens, creating impacts on Russian-related stocks and debt and greater volatility in global markets. These are recent examples of global events which may have an impact on the fund's performance, which could be negatively impacted if the value of a portfolio holding were harmed by these and such other events. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

https://www.troweprice.com/corporate/us/en/utility/policies.html

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on **troweprice.com**.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT

Each year, the fund's Board of Directors (Board) considers the continuation of the investment management agreement (Advisory Contract) between the fund and its investment adviser, T. Rowe Price Associates, Inc. (Adviser). In that regard, at a meeting held on March 7–8, 2022 (Meeting), the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract. At the Meeting, the Board considered the factors and reached the conclusions described below relating to the selection of the Adviser and the approval of the Advisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

In providing information to the Board, the Adviser was guided by a detailed set of requests for information submitted by independent legal counsel on behalf of the independent directors. In considering and approving the Advisory Contract, the Board considered the information it believed was relevant, including, but not limited to, the information discussed below. The Board considered not only the specific information presented in connection with the Meeting but also the knowledge gained over time through interaction with the Adviser about various topics. The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the T. Rowe Price funds' advisory contracts, including performance and the services and support provided to the funds and their shareholders.

Services Provided by the Adviser

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser. These services included, but were not limited to, directing the fund's investments in accordance with its investment program and the overall management of the fund's portfolio, as well as a variety of related activities such as financial, investment operations, and administrative services; compliance; maintaining the fund's records and registrations; and shareholder communications. The Board also reviewed the background and experience of the Adviser's senior management team and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board concluded that it was satisfied with the nature, quality, and extent of the services provided by the Adviser.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and reports that it receives throughout the year relating to fund performance. In connection with the Meeting, the Board reviewed the fund's total returns for various periods through December 31, 2021, and compared these returns with the performance of a peer group of funds with similar investment programs and a wide variety of other previously agreed-upon comparable performance measures and market data, including relative performance information as of September 30, 2021, supplied by Broadridge, which is an independent provider of mutual fund data.

On the basis of this evaluation and the Board's ongoing review of investment results, and factoring in the relative market conditions during certain of the performance periods, the Board concluded that the fund's performance was satisfactory.

Costs, Benefits, Profits, and Economies of Scale

The Board reviewed detailed information regarding the revenues received by the Adviser under the Advisory Contract and other direct and indirect benefits that the Adviser (and its affiliates) may have realized from its relationship with the fund. In considering soft-dollar arrangements pursuant to which research may be received from broker-dealers that execute the fund's portfolio transactions, the Board noted that the Adviser bears the cost of research services for all client accounts that it advises, including the T. Rowe Price funds. The Board received information on the estimated costs incurred and profits realized by the Adviser from managing the T. Rowe Price funds. The Board also reviewed estimates of the profits realized from managing the fund in particular, and the Board concluded that the Adviser's profits were reasonable in light of the services provided to the fund.

The Board also considered whether the fund benefits under the fee levels set forth in the Advisory Contract or otherwise from any economies of scale realized by the Adviser. Under the Advisory Contract, the fund pays the Adviser a single fee, or an all-inclusive management fee, which is based on the fund's average daily net assets. The all-inclusive management fee includes investment management services and provides for the Adviser to pay all of the fund's ordinary, recurring operating expenses except for interest, taxes, portfolio transaction fees, and any nonrecurring extraordinary expenses that may arise. However, the fund has a contractual limitation in place whereby the Adviser has agreed to waive a portion of the management fee it is entitled to receive from the fund in order to limit the fund's overall management fee rate to 0.95% of the fund's average daily net assets. Any fees waived under this management fee waiver agreement are not subject to reimbursement to the Adviser by the fund. The Adviser has generally implemented an all-inclusive management fee structure in situations where a fixed total expense ratio is useful for purposes of providing certainty of fees and expenses for the investors in these funds and has historically sought to set the initial all-inclusive management fee rate at levels below the expense ratios of comparable funds to take into account potential future economies of scale. Because the fund serves as an underlying option to variable annuity products, the all-inclusive

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

fee structure is utilized to create certainty for the annuity providers' overall pricing decisions and disclosures. Assets of the fund are included in the calculation of the group fee rate, which serves as a component of the management fee for many T. Rowe Price funds and declines at certain asset levels based on the combined average net assets of most of the T. Rowe Price funds (including the fund). Although the fund does not have a group fee component to its management fee, its assets are included in the calculation because certain resources utilized to operate the fund are shared with other T. Rowe Price funds. The Board concluded that, based on the profitability data it reviewed and consistent with this all-inclusive management fee structure, the advisory fee structure for the fund continued to be appropriate.

Fees and Expenses

The Board was provided with information regarding industry trends in management fees and expenses. Among other things, the Board reviewed data for peer groups that were compiled by Broadridge, which compared: (i) contractual management fees, actual management fees, nonmanagement expenses, and total expenses of the fund with a group of competitor funds selected by Broadridge (Expense Group) and (ii) actual management fees, nonmanagement expenses, and total expenses of the fund with a broader set of funds within the Lipper investment classification (Expense Universe). The Board considered the fund's contractual management fee rate, actual management fee rate, and total expenses (all of which generally reflect the all-inclusive management fee rate and do not deduct the operating expenses paid by the Adviser as part of the overall management fee) in comparison with the information for the Broadridge peer groups. Broadridge generally constructed the peer groups by seeking the most comparable funds based on similar investment classifications and objectives, expense structure, asset size, and operating components and attributes and ranked funds into quintiles, with the first quintile representing the funds with the lowest relative expenses. The information provided to the Board indicated that the fund's contractual management fee ranked in the fourth quintile (Expense Group), the fund's actual management fee ranked in the fund's total expenses ranked in the third quintile (Expense Universe).

The Board also reviewed the fee schedules for other investment portfolios with similar mandates that are advised or subadvised by the Adviser and its affiliates, including separately managed accounts for institutional and individual investors; subadvised funds; and other sponsored investment portfolios, including collective investment trusts and pooled vehicles organized and offered to investors outside the United States. Management provided the Board with information about the Adviser's responsibilities and services provided to subadvisory and other institutional account clients, including information about how the requirements and economics of the institutional business are fundamentally different from those of the proprietary mutual fund business. The Board considered information showing that the Adviser's mutual fund business is generally more complex from a business and compliance perspective than its institutional account business and considered various relevant factors, such as the broader scope of operations and oversight, more extensive shareholder communication infrastructure, greater asset flows, heightened business risks, and differences in applicable laws and regulations associated with the Adviser's proprietary mutual fund business. In assessing the reasonableness of the fund's management fee rate, the Board considered the differences in the nature of the services required for the Adviser to manage its mutual fund business versus managing a discrete pool of assets as a subadviser to another institution's mutual fund or for an institutional account and that the Adviser generally performs significant additional services and assumes greater risk in managing the fund and other T. Rowe Price funds than it does for institutional account clients, including subadvised funds.

On the basis of the information provided and the factors considered, the Board concluded that the fees paid by the fund under the Advisory Contract are reasonable.

Approval of the Advisory Contract

As noted, the Board approved the continuation of the Advisory Contract. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the continuation of the Advisory Contract (including the fees to be charged for services thereunder).

This page intentionally left blank.

T.RowePrice®

100 East Pratt Street Baltimore, MD 21202

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

202208-2172446

T. Rowe Price Investment Services, Inc.

T.RowePrice®



SEMIANNUAL REPORT

June 30, 2022

T. ROWE PRICE

Limited-Term Bond Portfolio

For more insights from T. Rowe Price investment professionals, go to **troweprice.com**.

HIGHLIGHTS

- The Limited-Term Bond Portfolio underperformed its benchmark and its Lipper peer group average over the six-month period ended June 30, 2022.
- Shorter-maturity bond markets were adversely impacted by the macro- and rate-driven volatility that weighed on risk assets throughout the period.
- The portfolio's risk levels increased modestly as valuations became more attractive.
- Using the breadth and depth of our global research platform, we are being patient and continue to selectively add to high-conviction
 positions as volatility likely creates attractive entry points.

Go Paperless

Sign up for e-delivery of your statements, confirmations, and prospectuses or shareholder reports.

(→) TO ENROLL:

If you invest directly with T. Rowe Price, go to **troweprice.com/paperless**.

If you invest through an investment advisor, a bank, or a brokerage firm, please contact that organization and ask if it can provide electronic documentation. **It's fast**—receive your statements and confirmations faster than U.S. mail.

It's convenient—access your important account documents whenever you need them.

It's secure—we protect your online accounts using "True Identity" to confirm new accounts and make verification faster and more secure.

It can save you money—where applicable, T. Rowe Price passes on the cost savings to fund holders.*

Log in to your account at **troweprice.com** for more information.

*Certain mutual fund accounts that are assessed an annual account service fee can also save money by switching to e-delivery.

Market Commentary

Dear Investor

Major stock and bond indexes produced sharply negative results during the first half of 2022 as investors contended with persistently high inflation, tightening financial conditions, and slowing growth.

After reaching an all-time high on January 3, the S&P 500 Index finished the period down about 20%, the worst first half of a calendar year for the index since 1970. Double-digit losses were common in equity markets around the globe, and bond investors also faced a historically tough environment amid a sharp rise in interest rates.

Value shares outperformed growth stocks as equity investors turned risk averse and rising rates put downward pressure on growth stock valuations. Emerging markets stocks held up somewhat better than shares in developed markets due to the strong performance of some oil-exporting countries. Meanwhile, the U.S. dollar strengthened during the period, which weighed on returns for U.S. investors in international securities.

Within the S&P 500, energy was the only bright spot, gaining more than 30% as oil prices jumped in response to Russia's invasion of Ukraine and the ensuing commodity supply crunch. Typically defensive shares, such as utilities, consumer staples, and health care, finished in negative territory but held up relatively well. The consumer discretionary, communication services, and information technology sectors were the weakest performers. Shares of some major retailers fell sharply following earnings misses driven in part by overstocked inventories.

Inflation remained the leading concern for investors throughout the period. Despite hopes in 2021 that the problem was transitory, and later expectations that inflation would peak in the spring, headline consumer prices continued to grind higher throughout the first half of 2022. The war in Ukraine exacerbated already existing supply chain problems, and other factors, such as the impact of the fiscal and monetary stimulus enacted during the pandemic and strong consumer demand, also pushed prices higher. The May consumer price index report (the last to be issued during our reporting period) showed prices increasing 8.6% over the 12-month period, the largest jump since late 1981.

In response, the Federal Reserve, which at the end of 2021 had forecast that only three 25-basis-point (0.25 percentage point) rate hikes would be necessary in all of 2022, rapidly shifted in a hawkish direction and executed three rate increases in the first six months of the year. The policy moves included hikes of 25, 50, and 75 basis points—the largest single increase since 1994—increasing the central bank's short-term lending benchmark from near zero to a target range of 1.50% to 1.75% by the end of June. In addition, the Fed ended the purchases of Treasuries and agency mortgage-backed securities that it had begun to support the economy early in the pandemic and started reducing its balance sheet in June.

Longer-term bond yields also increased considerably as the Fed tightened monetary policy, with the yield on the benchmark 10-year U.S. Treasury note reaching 3.49% on June 14, its highest level in more than a decade. (Bond prices and yields move in opposite directions.) Higher mortgage rates led to signs of cooling in the housing market.

The economy continued to add jobs during the period, and other indicators pointed to a slowing but still expanding economy. However, the University of Michigan consumer sentiment index dropped in June to its lowest level since records began in 1978 as higher inflation expectations undermined confidence.

Looking ahead, investors are likely to remain focused on whether the Fed can tame inflation without sending the economy into recession, a backdrop that could produce continued volatility. We believe this environment makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to identify companies that can add value to your portfolio over the long term.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert fr. Shanfor

Robert Sharps CEO and President

Management's Discussion of Fund Performance

INVESTMENT OBJECTIVE

The fund seeks a high level of income consistent with moderate fluctuations in principal value.

FUND COMMENTARY

How did the fund perform in the past six months?

The Limited-Term Bond Portfolio returned -4.01% in the six-month period ended June 30, 2022, underperforming its benchmark, the Bloomberg 1–3 Year U.S. Government/Credit Bond Index, as well as its Lipper peer group average. (Returns for the II Class shares will vary, reflecting their different fee structure. *Past performance cannot guarantee future results.*)

PERFORMANCE COMPARISON	
Six-Month Period Ended 6/30/22	Total Return
Limited-Term Bond Portfolio	-4.01%
Limited-Term Bond Portfolio-II	-4.15
Bloomberg 1-3 Year U.S. Government/Credit Bond Index	-3.11
Lipper Variable Annuity Underlying Short Investment Grade Debt Funds Average	-3.79

What factors influenced the fund's performance?

Shorter-maturity bond markets were adversely impacted by the macro- and rate-driven volatility that weighed on risk assets throughout the period. Treasury yields rose and corporate credit spreads widened as the market assessed an increasingly hawkish Fed that found itself chasing stubbornly high inflation. The positive correlation between rates and credit spreads created an especially challenging environment for fixed income portfolios, with the trailing 12-month total return on one- to three-year corporate bonds falling below the levels seen during the global financial crisis in June before rising modestly off the low through period-end. (Credit spreads are a measure of the additional yield offered by bonds that have credit risk compared with Treasuries.)

During the six-month period, U.S. Treasuries posted negative absolute returns but outpaced corporate bonds. Front-end Treasury yields rose as Fed rhetoric turned hawkish and markets priced in rate hikes, with the two-year Treasury note yield beginning the reporting period at 0.73% and ending at 2.92%.

Sector allocation detracted from the fund's relative performance in aggregate. Out-of-benchmark allocations to securitized sectors, including residential mortgage-backed securities (RMBS), asset-backed securities, and commercial mortgagebacked securities, hindered relative results amid interest rate volatility and heavy new issuance. Our allocation to RMBS was a prominent detractor, as the interest rate-sensitive sector was dragged lower by concerns about the ramifications of tighter Fed policy, rising rates, and declining housing affordability.

Our overweight allocation to investment-grade corporate bonds and corresponding underweight to U.S. Treasuries also weighed on relative results. Corporate bonds traded lower amid bouts of risk-off sentiment and technical conditions hampered by higher-than-expected new issuance.

Interest rate management aided relative performance. Modest underweights within the front end of the yield curve helped relative performance as yield increases were most pronounced on shorter-maturity Treasury notes.

Security selection within investment-grade corporates also contributed to relative performance. Exploration and production names in the energy sector were buoyed by a rise in oil prices over the period.

In addition, while we are primarily a cash bond manager, we occasionally employ the limited use of derivatives in our strategy for hedging purposes. Derivatives may include futures and options, as well as credit default and interest rate swaps. During the reporting period, our use of Treasury futures modestly detracted from absolute performance.

How is the fund positioned?

Relative to the benchmark, we continue to underweight Treasuries while aiming to add yield by overweighting non-Treasury sectors and taking out-of-benchmark positions in higher-yielding securitized debt. Within short-term bond portfolios, we believe yield plays a greater role than price appreciation in generating excess returns and limiting volatility. As corporate bonds and securitized issues typically have greater yields than Treasuries, advantageous yield can likely be achieved by selectively overweighting these sectors in the portfolio.

Corporate debt represented just under 50% of net assets. BBB rated bonds, which our research analysts believe are often mispriced and offer attractive relative value, remained a significant holding. The portfolio's risk levels increased modestly as valuations became more attractive. We utilized some of the portfolio's built-up liquidity to add highconviction names as spreads widened. As the period progressed, we narrowed our focus to adding shorter-maturity credits after targeting high-conviction ideas across a broader portion of the yield curve.

With economic growth slowing, margins coming under pressure, and the Fed tightening financial conditions, we are being patient with adding risk and purchasing longer-dated securities. Should we get more clarity around the path of monetary policy and the economic environment, we will once again target opportunities further out the yield curve but within our investable universe.

CREDIT QUALITY DIVERSIFICATION

	Percent of I	
	12/31/21	6/30/22
Quality Rating		
U.S. Government Agency Securities*	3%	4%
U.S. Treasury**	19	20
AAA	13	14
AA	7	9
A	22	24
BBB	33	31
BB and Below	1	1
Reserves	2	-3
Total	100%	100%

*U.S. government agency securities include GNMA securities and conventional pass-throughs, collateralized mortgage obligations, and project loans. U.S. government agency securities, unlike Treasuries, are not issued directly by the U.S. government and are generally unrated but have credit support from the U.S. Treasury (in the case of Freddie Mac and Fannie Mae issues) or a direct government guarantee (in the case of Ginnie Mae issues).

**U.S. Treasury securities are issued by the U.S. Treasury and are backed by the full faith and credit of the U.S. government. The ratings of U.S. Treasury securities are derived from the ratings on the U.S. government.

Sources: Credit ratings for the securities held in the fund are provided by Moody's, Standard & Poor's, and Fitch and are converted to the Standard & Poor's nomenclature. If the rating agencies differ, the highest rating is applied to the security. If a rating is not available, the security is classified as Not Rated. T. Rowe Price uses the rating of the underlying investment vehicle to determine the creditworthiness of credit default swaps. The fund is not rated by any agency. Securities that have not been rated by any rating agency totaled 0.06% of the portfolio at the end of the reporting period.

What is portfolio management's outlook?

We believe that U.S. growth will slow in the near term because of the looming prospect of reduced fiscal spending, tighter financial conditions (as seen in sharply higher U.S. mortgage rates, a stronger U.S. dollar, and a weak equity market), and declining purchasing power due to high inflation. While consumer and corporate balance sheets remain relatively healthy, high levels of consumer credit and decreasing savings rates have made us more cautious about the strength of the U.S. consumer. We will also remain cognizant of the risks associated with tighter policy, higher interest rates on the consumer and corporate sides, and still-elevated inflation as well as potential impacts on growth moving forward. These factors may cause growth to moderate, in our view.

In the current environment of heightened volatility, active management can play an even more instrumental part in achieving investor objectives. Using the breadth and depth of our global research platform, we are being patient and continue to selectively add to high-conviction positions as volatility likely creates attractive entry points.

The views expressed reflect the opinions of T. Rowe Price as of the date of this report and are subject to change based on changes in market, economic, or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

RISKS OF INVESTING IN FIXED INCOME SECURITIES

The value of the fund's investments may decrease, sometimes rapidly or unexpectedly, due to factors affecting an issuer held by the fund, particular industries, or the overall securities markets. The prices of, and the income generated by, debt instruments held by the fund may be affected by changes in interest rates. The fund is subject to prepayment risks because the principal on mortgage-backed securities, other assetbacked securities, or any debt instrument with an embedded call option may be prepaid at any time, which could reduce the security's yield and market value. An issuer of a debt instrument could suffer an adverse change in financial condition that results in a payment default (failure to make scheduled interest or principal payments), rating downgrade, or inability to meet a financial obligation.

BENCHMARK INFORMATION

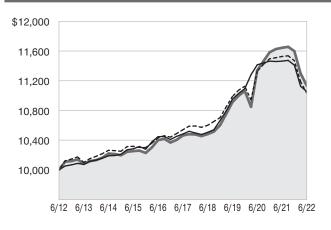
Note: Bloomberg® and Bloomberg 1–3 Year U.S. Government/Credit Bond Index are service marks of Bloomberg Finance L.P. and its affiliates, including Bloomberg Index Services Limited ("BISL"), the administrator of the index (collectively, "Bloomberg") and have been licensed for use for certain purposes by T. Rowe Price. Bloomberg is not affiliated with T. Rowe Price, and Bloomberg does not approve, endorse, review, or recommend its products. Bloomberg does not guarantee the timeliness, accurateness, or completeness of any data or information relating to its products.

Note: Portions of the mutual fund information contained in this report were supplied by Lipper, a Refinitiv Company, subject to the following: Copyright 2022 © Refinitiv. All rights reserved. Any copying, republication, or redistribution of Lipper content is expressly prohibited without the prior written consent of Lipper. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

GROWTH OF \$10,000

This chart shows the value of a hypothetical \$10,000 investment in the portfolio over the past 10 fiscal year periods or since inception (for portfolios lacking 10-year records). The result is compared with benchmarks, which include a broad-based market index and may also include a peer group average or index. Market indexes do not include expenses, which are deducted from portfolio returns as well as mutual fund averages and indexes.

LIMITED-TERM BOND PORTFOLIO



_	Limited-Term Bond Portfolio	\$11,132
—	Bloomberg 1–3 Year U.S. Government/Credit Bond Index	11,055
	Lipper Variable Annuity Underlying Short Investment Grade Debt Funds Average	11,034

As of 6/30/22

Note: Performance for the II Class will vary due to its differing fee structure. See the Average Annual Compound Total Return table.

AVERAGE ANNUAL COMPOUND TOTAL RETURN

Periods Ended 6/30/22	1 Year	5 Years	10 Years
Limited-Term Bond Portfolio	-4.39%	1.25%	1.08%
Limited-Term Bond Portfolio-II	-4.66	0.99	0.83

The fund's performance information represents only past performance and is not necessarily an indication of future results. Current performance may be lower or higher than the performance data cited. Share price, principal value, and return will vary, and you may have a gain or loss when you sell your shares. For the most recent month-end performance, please contact a T. Rowe Price representative at 1-800-469-6587 (financial advisors, or customers who have an advisor, should call 1-800-638-8790). Total returns do not include charges imposed by your insurance company's separate account. If these had been included, performance would have been lower.

This table shows how the portfolio would have performed each year if its actual (or cumulative) returns for the periods shown had been earned at a constant rate. Average annual total return figures include changes in principal value, reinvested dividends, and capital gain distributions. When assessing performance, investors should consider both short- and long-term returns.

FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Shares of the fund are currently offered only through certain insurance companies as an investment medium for both variable annuity contracts and variable life insurance policies. Please note that the fund has two classes of shares: the original share class and II Class. II Class shares are sold through financial intermediaries, which are compensated for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan.

Actual Expenses

The first line of the following table (Actual) provides information about actual account values and actual expenses. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

LIMITED-TERM BOND PORTFOLIO

	Beginning Account Value 1/1/22	Ending Account Value 6/30/22	Expenses Paid During Period* 1/1/22 to 6/30/22
Limited-Term Bond Port Actual	folio \$1,000.00	\$959.90	\$2.43
Hypothetical (assumes 5% return before expenses)	1,000.00	1,022.32	2.51
Limited-Term Bond Portfolio-II Actual	1,000.00	958.50	3.64
Hypothetical (assumes 5% return before expenses)	1,000.00	1,021.08	3.76

* Expenses are equal to the fund's annualized expense ratio for the 6-month period, multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (181), and divided by the days in the year (365) to reflect the half-year period. The annualized expense ratio of the Limited-Term Bond Portfolio was 0.50%, and the Limited-Term Bond Portfolio–II was 0.75%.

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Limited-Term Bond Portfolio Clas	s											
		6 Months		Year								
		Ended		Ended				10/01/10				
		6/30/22		12/31/21		12/31/20		12/31/19		12/31/18		12/31/17
NET ASSET VALUE	\$	4.91	\$	5.00	\$	4.87	\$	4.78	\$	4.82	\$	4.84
Beginning of period	. Φ .	4.91	φ	5.00	- Φ	4.07	φ	4.70	- Φ	4.02		4.04
Investment activities												
Net investment income ⁽¹⁾⁽²⁾		0.03		0.07		0.10		0.11		0.09		0.06
Net realized and unrealized gain/												
loss		(0.23)		(0.06)		0.13		0.10		(0.03)		(0.01)
Total from investment activities		(0.20)		0.01		0.23		0.21		0.06		0.05
Distributions												
Net investment income		(0.03)		(0.07)		(0.10)		(0.12)		(0.10)		(0.07)
Net realized gain		-		(0.03)		-		-		-		_
Total distributions		(0.03)		(0.10)		(0.10)		(0.12)		(0.10)		(0.07)
NET ASSET VALUE												
End of period	\$	4.68	\$	4.91	\$	5.00	\$	4.87	\$	4.78	\$	4.82
End of period	Ψ	4.00	Ψ	4.01	Ψ	0.00	Ψ	4.07	Ψ	4.10	Ψ	4.02
Ratios/Supplemental Data												
Total return ⁽²⁾⁽³⁾		(4.01)%		0.13%		4.71%		4.35%		1.18%		1.05%
Ratios to average net assets: ⁽²⁾												
Gross expenses before waivers/												
payments by Price Associates ⁽⁴⁾		0.70%(5)		0.70%		0.70%		0.70%		0.60%		0.70%
Net expenses after waivers/												
payments by Price Associates		0.50%(5)		0.50%		0.50%		0.50%		0.60%		0.70%
Net investment income		1.40%(5)		1.31%		2.04%		2.37%		1.93%		1.29%
Portfolio turnover rate		52.9%		64.3%		70.4%		61.1%		52.6%		55.9%
Net assets, end of period (in		52.970		04.070		70.470		01.170		52.070		55.570
thousands)	\$	155,424	\$	171,166	\$	139,173	\$	455,521	\$	434,175	\$	443,270

 $^{\scriptscriptstyle (1)}$ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

(4) See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.
 (5) Annualized

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Limited-Term Bond Portfolio-II Class

NET ASSET VALUE Beginning of period \$ 4.89 \$ 4.98 \$ 4.85 \$ 4.76 \$ 4.80 \$ 4.82 Investment activities Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/ loss 0.03 0.05 0.08 0.10 0.08 0.05 Distributions (0.23) (0.06) 0.13 0.09 (0.04) (0.01) Distributions (0.20) (0.01) 0.21 0.19 0.04 0.04 Distributions (0.23) (0.05) (0.08) (0.10) (0.08) (0.06) Net investment income Net realized gain - (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) NET ASSET VALUE End of period \$ 4.66 4.89 \$ 4.85 \$ 4.76 \$ 4.80 Ratios/Supplemental Data - - - - - - - - - - - - - - - - - - -	Class		6 Months Ended 6/30/22	Year Ended 12/31/21	1	2/31/20	12/31/19	12/31/18	1	2/31/17
Investment activities 0.03 0.05 0.08 0.10 0.08 0.05 Net realized and unrealized gain/ loss 0.23 (0.06) 0.13 0.09 (0.04) (0.01) Total from investment activities (0.20) (0.01) 0.21 0.19 0.04 0.04 Distributions (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain - (0.03) - - - - Total distributions (0.03) (0.08) (0.08) (0.10) (0.08) (0.06) NET ASSET VALUE \$ 4.66 \$ 4.89 \$ 4.85 \$ 4.76 \$ 4.80 Ratios/Supplemental Data (4.15)% (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ¹⁹ 0.95% 0.95%		<u>,</u>								
Net investment income ⁽¹⁾⁽²⁾ 0.03 0.05 0.08 0.10 0.08 0.05 Net realized and unrealized gain/ loss (0.23) (0.06) 0.13 0.09 (0.04) (0.01) Total from investment activities (0.20) (0.01) 0.21 0.19 0.04 0.04 Distributions Net investment income (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain - (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain -	Beginning of period	\$	4.89	\$ 4.98	\$	4.85	\$ 4.76	\$ 4.80	\$	4.82
Net realized and unrealized gain/ loss (0.23) (0.06) 0.13 0.09 (0.04) (0.01) Total from investment activities (0.20) (0.01) 0.21 0.19 0.04 0.04 Distributions Net investment income (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain - <td>Investment activities</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Investment activities									
Total from investment activities (0.20) (0.01) 0.21 0.19 0.04 0.04 Distributions Net investment income (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain - (0.03) -			0.03	0.05		0.08	0.10	0.08		0.05
Distributions Net investment income (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain Total distributions - <td></td> <td></td> <td></td> <td> (0.06)</td> <td></td> <td></td> <td> </td> <td> `</td> <td></td> <td></td>				 (0.06)			 	 `		
Net investment income (0.03) (0.05) (0.08) (0.10) (0.08) (0.06) Net realized gain -	Total from investment activities		(0.20)	 (0.01)		0.21	 0.19	 0.04		0.04
Net realized gain	Distributions									
Total distributions (0.03) (0.08) (0.08) (0.10) (0.08) (0.06) NET ASSET VALUE End of period \$ 4.66 \$ 4.89 \$ 4.98 \$ 4.85 \$ 4.76 \$ 4.80 Ratios/Supplemental Data (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% ⁽⁵⁾ 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	Net investment income		(0.03)	(0.05)		(0.08)	(0.10)	(0.08)		(0.06)
NET ASSET VALUE End of period \$ 4.66 \$ 4.89 \$ 4.98 \$ 4.85 \$ 4.76 \$ 4.80 Ratios/Supplemental Data (4.15)% (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% ⁽⁵⁾ 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	Net realized gain			 (0.03)			 	 _		
End of period \$ 4.66 \$ 4.89 \$ 4.98 \$ 4.85 \$ 4.76 \$ 4.80 Ratios/Supplemental Data Total return ⁽²⁾⁽³⁾ (4.15)% (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% ⁽⁶⁾ 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁶⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	Total distributions		(0.03)	 (0.08)		(0.08)	 (0.10)	 (0.08)		(0.06)
Ratios/Supplemental Data Total return ⁽²⁾⁽³⁾ (4.15)% (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% ⁽⁶⁾ 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁶⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	NET ASSET VALUE									
Total return ⁽²⁾⁽³⁾ (4.15)% (0.13)% 4.46% 4.10% 0.93% 0.81% Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	End of period	\$	4.66	\$ 4.89	\$	4.98	\$ 4.85	\$ 4.76	\$	4.80
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% ⁽⁵⁾ 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% ⁽⁵⁾ 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9% Net assets, end of period (in 10 10 10 10 10 10 10	Ratios/Supplemental Data									
Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ 0.95% 0.95% 0.95% 0.84% 0.95% Net expenses after waivers/ payments by Price Associates 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	Total return ⁽²⁾⁽³⁾		(4.15)%	 (0.13)%		4.46%	 4.10%	 0.93%		0.81%
Net expenses after waivers/ payments by Price Associates 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁵⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9% Net assets, end of period (in 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	0									
payments by Price Associates 0.75% 0.75% 0.75% 0.84% 0.95% Net investment income 1.15% ⁽⁶⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9% Net assets, end of period (in 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%			0.95%(5)	 0.95%		0.95%	 0.95%	 0.84%		0.95%
Net investment income 1.15% ⁽⁶⁾ 1.06% 1.68% 2.11% 1.72% 1.09% Portfolio turnover rate 52.9% 64.3% 70.4% 61.1% 52.6% 55.9% Net assets, end of period (in 52.9% 64.3% 70.4% 61.1% 52.6% 55.9%	· · · · · · · · · · · · · · · · · · ·		0.75%(5)	0.75%		0.75%	0.75%	0.84%		0.95%
Net assets, end of period (in			1.15%(5)	 1.06%		1.68%	 2.11%	 1.72%		1.09%
thousands) \$ 17,877 \$ 18,786 \$ 15,503 \$ 16,613 \$ 15,247 \$ 7,378			52.9%	 64.3%		70.4%	 61.1%	 52.6%		55.9%
		\$	17,877	\$ 18,786	\$	15,503	\$ 16,613	\$ 15,247	\$	7,378

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

(4) See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.
 (5) Annualized

June 30, 2022 (Unaudited)

PORTFOLIO OF INVESTMENTS [‡]	Par/Shares	\$ Value
Amounts in 000s)		
ASSET-BACKED SECURITIES 12.9%		
Car Loan 6.8%		
AmeriCredit Automobile Receivables Trust		
Series 2020-1, Class C		
1.59%, 10/20/25	435	421
AmeriCredit Automobile Receivables Trust Series 2020-1, Class D		
1.80%, 12/18/25	415	395
AmeriCredit Automobile Receivables Trust		
Series 2020-2, Class B		
0.97%, 2/18/26	100	98
AmeriCredit Automobile Receivables Trust		
Series 2020-3, Class C 1.06%, 8/18/26	115	109
AmeriCredit Automobile Receivables Trust		
Series 2021-1, Class C		
0.89%, 10/19/26	190	178
AmeriCredit Automobile Receivables Trust		
Series 2021-1, Class D 1.21%, 12/18/26	115	108
AmeriCredit Automobile Receivables Trust		100
Series 2021-2, Class D		
1.29%, 6/18/27	235	216
AmeriCredit Automobile Receivables Trust		
Series 2022-1, Class D	400	200
3.23%, 2/18/28 Ari Fleet Lease Trust	420	399
Series 2020-A, Class B		
2.06%, 11/15/28 (1)	475	467
Avis Budget Rental Car Funding AESOP		
Series 2017-1A, Class B		
3.41%, 9/20/23 (1)	195	195
Avis Budget Rental Car Funding AESOP Series 2018-1A, Class D		
5.25%, 9/20/24 (1)	315	313
Avis Budget Rental Car Funding AESOP		
Series 2018-2A, Class C		
4.95%, 3/20/25 (1)	260	260
Avis Budget Rental Car Funding AESOP Series 2019-2A, Class A		
3.35%, 9/22/25 (1)	475	467
Avis Budget Rental Car Funding AESOP		
Series 2019-2A, Class B		
3.55%, 9/22/25 (1)	415	403
Avis Budget Rental Car Funding AESOP		
Series 2020-1A, Class A	340	303
2.33%, 8/20/26 (1) CarMax Auto Owner Trust		
Series 2020-4, Class D		
1.75%, 4/15/27	145	136
Carvana Auto Receivables Trust		
Series 2021-P4, Class B	100	100
1.98%, 2/10/28	190	166
Carvana Auto Receivables Trust Series 2022-N1, Class C		
3.32%, 12/11/28 (1)	135	131
Exeter Automobile Receivables Trust		
Series 2021-3A, Class D		
1.55%, 6/15/27	155	145

	Par/Shares	\$ Value
(Amounts in 000s)		
Exeter Automobile Receivables Trust		
Series 2022-1A, Class D	0.40	
3.02%, 6/15/28	340	316
Exeter Automobile Receivables Trust		
Series 2022-2A, Class C	205	297
3.85%, 7/17/28 Ford Credit Auto Lease Trust	305	291
Series 2022-A, Class C		
1 190/ 10/15/05	465	459
Ford Credit Auto Owner Trust		
Series 2020-2, Class C		
1.74%, 4/15/33 (1)	145	130
Ford Credit Floorplan Master Owner Trust		
Series 2020-1, Class C		
	220	212
GM Financial Consumer Automobile		
Receivables Trust		
Series 2020-2, Class A3		
1.49%, 12/16/24	111	110
GM Financial Consumer Automobile		
Receivables Trust Series 2020-4, Class C		
1 05% 5/18/26	105	100
Hyundai Auto Receivables Trust		
Series 2020-B, Class C		
1.60%, 12/15/26	175	166
JPMorgan Chase Bank		
Series 2021-2, Class D		
1.138%, 12/26/28 (1)	155	149
Navistar Financial Dealer Note Master Trust		
Series 2020-1, Class A, FRN		
1M USD LIBOR + 0.95%, 2.574%,		
7/25/25 (1)	220	220
Navistar Financial Dealer Note Master Trust		
Series 2020-1, Class B, FRN 1M USD LIBOR + 1.35%, 2.974%,		
7/25/25 (1)	230	230
Nissan Auto Receivables Owner Trust	200	200
Series 2020-A, Class A3		
1.38%, 12/16/24	156	155
Santander Bank		
Series 2021-1A, Class B		
1.833%, 12/15/31 (1)	183	178
Santander Consumer Auto Receivables		
Trust		
Series 2020-BA, Class C		
1.29%, 4/15/26 (1) Santander Drive Auto Receivables Trust	115	110
Series 2020-3, Class B	22	22
0.69%, 3/17/25 Santander Drive Auto Receivables Trust	33	
Series 2020-4, Class C		
	185	182
1.01%, 1/15/26 Santander Drive Auto Receivables Trust	105	102
Series 2021-4, Class D		
1.67%, 10/15/27	255	237
Santander Drive Auto Receivables Trust		
Series 2022-1, Class C		
2.56%, 4/17/28	415	395

	Par/Shares	\$ Value
(Amounts in 000s)		
Santander Drive Auto Receivables Trust Series 2022-2, Class C		
3.76%, 7/16/29	365	353
Santander Retail Auto Lease Trust		
Series 2019-C, Class D		
2.88%, 6/20/24 (1)	525	523
Santander Retail Auto Lease Trust		
Series 2020-A, Class D 2.52%, 11/20/24 (1)	435	426
Santander Retail Auto Lease Trust		120
Series 2021-A, Class C		
1.14%, 3/20/26 (1)	430	403
Santander Retail Auto Lease Trust		
Series 2021-B, Class D	105	170
1.41%, 11/20/25 (1) Santander Retail Auto Lease Trust	185	172
Series 2021-C, Class C		
	155	145
Santander Retail Auto Lease Trust		
Series 2022-B, Class B		
	75	74
World Omni Auto Receivables Trust Series 2019-C, Class C		
0 400/ 6/15/06	460	453
World Omni Auto Receivables Trust	400	100
Series 2020-A, Class C		
1.64%, 8/17/26	295	284
World Omni Auto Receivables Trust		
Series 2022-A, Class C	165	1 4 7
2.55%, 9/15/28 World Omni Select Auto Trust	155	147
Series 2020-A, Class B		
0.84%, 6/15/26	140	136
World Omni Select Auto Trust		
Series 2020-A, Class C	100	154
1.25%, 10/15/26	160	154
Other Asset-Backed Securities 4.9%		11,879
Applebee's Funding		
Series 2019-1A, Class A2I		
4.194%, 6/5/49 (1)	520	504
Barings		
Series 2013-IA, Class AR, CLO, FRN 3M USD LIBOR + 0.80%, 1.863%,		
1/20/28 (1)	422	416
Blackbird Capital Aircraft Lease		
Securitization		
Series 2016-1A, Class AA, STEP		
2.487%, 12/16/41 (1)	122	114
BRE Grand Islander Timeshare Issuer		
Series 2019-A, Class A 3.28%, 9/26/33 (1)	122	118
Cedar Funding XIV		
Series 2021-14A, Class A, CLO, FRN		
3M USD LIBOR + 1.10%, 2.144%,		_
7/15/33 (1)	290	283
Dryden		
Series 2020-86A, Class A1R, CLO, FRN 3M USD LIBOR + 1.10%, 2.144%,		
7/17/34 (1)	250	241
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

	Par/Shares	\$ Value
(Amounts in 000s)		
Elara HGV Timeshare Issuer		
Series 2016-A, Class A		
2.73%, 4/25/28 (1)	206	204
Elara HGV Timeshare Issuer		
Series 2017-A, Class A	00	64
2.69%, 3/25/30 (1)	66	64
Elara HGV Timeshare Issuer Series 2019-A, Class A		
2.61%, 1/25/34 (1)	298	284
Hilton Grand Vacations Trust		
Series 2017-AA, Class A		
2.66%, 12/26/28 (1)	54	54
Hilton Grand Vacations Trust		
Series 2017-AA, Class B		
2.96%, 12/26/28 (1) KKR	19	19
Series 29A, Class A, CLO, FRN		
3M USD LIBOR + 1.20%, 2.244%,		
1/15/32 (1)	250	245
Kubota Credit Owner Trust		
Series 2020-1A, Class A3	- 4 -	140
1.96%, 3/15/24 (1)	141	140
Madison Park Funding XXIII Series 2017-23A, Class AR, CLO, FRN		
3M USD LIBOR + 0.97%, 2.195%,		
7/27/31 (1)	285	280
Madison Park Funding XXXIII		
Series 2019-33A, Class AR, CLO, FRN		
3M TSFR + 1.29%, 2.136%, 10/15/32 (1)	485	473
Madison Park Funding XXXV		
Series 2019-35A, Class A1R, CLO, FRN		
3M USD LIBOR + 0.99%, 2.053%,	455	440
4/20/32 (1)	455	443
Madison Park Funding XXXVII		
Series 2019-37A, Class AR, CLO, FRN 3M USD LIBOR + 1.07%, 2.114%,		
7/15/33 (1)	465	454
Magnetite XXV		
Series 2020-25A, Class A, CLO, FRN		
3M USD LIBOR + 1.20%, 2.384%,		
1/25/32 (1)	500	490
MVW		
Series 2020-1A, Class B	105	100
2.73%, 10/20/37 (1)	135	128
MVW Owner Trust		
Series 2017-1A, Class B	16	16
2.75%, 12/20/34 (1) MVW Owner Trust		
Series 2017-1A, Class C		
2 99% 12/20/34 (1)	26	25
Neuberger Berman Loan Advisers		
Series 2017-26A, Class AR, CLO, FRN		
3M USD LIBOR + 0.92%, 1.964%,		
10/18/30 (1)	250	246
Neuberger Berman Loan Advisers		
Series 2017-26A, Class BR, CLO, FRN		
3M USD LIBOR + 1.40%, 2.444%,	95 <i>5</i>	040
10/18/30 (1)	255	243

	Par/Shares	\$ Value
(Amounts in 000s)		
Neuberger Berman Loan Advisers Series 2019-32A, Class AR, CLO, FRN		
3M USD LIBOR + 0.99%, 2.034%,		
1/20/32 (1)	400	390
Neuberger Berman XVII		
Series 2014-17A, Class AR2, CLO, FRN		
3M USD LIBOR + 1.03%, 2.166%,	155	110
4/22/29 (1) OCP	455	448
Series 2017-13A, Class A2R, CLO, FRN		
3M USD LIBOR + 1.55%, 2.594%,		
7/15/30 (1)	315	303
Octane Receivables Trust		
Series 2021-2A, Class A		
1.21%, 9/20/28 (1)	130	126
Octane Receivables Trust		
Series 2022-1A, Class B 4.90%, 5/22/28 (1)	180	177
Palmer Square		
Series 2020-3A, Class A1AR, CLO, FRN		
3M USD LIBOR + 1.08%, 2.491%,		
11/15/31 (1)	480	468
Sierra Timeshare Receivables Funding		
Series 2019-1A, Class A		
3.20%, 1/20/36 (1)		84
Symphony Static I		
Series 2021-1A, Class B, CLO, FRN 3M USD LIBOR + 1.45%, 2.634%,		
10/25/29 (1)	350	335
Symphony XXIII		
Series 2020-23A, Class AR, CLO, FRN		
3M USD LIBOR + 1.02%, 2.064%,		
1/15/34 (1)	450	439
Symphony XXVI		
Series 2021-26A, Class AR, CLO, FRN 3M USD LIBOR + 1.08%, 2.143%,		
4/20/33 (1)	250	244
		8,498
Student Loan 1.2%		
Navient Private Education Refi Loan Trust		
Series 2019-D, Class A2A		
3.01%, 12/15/59 (1)	110	106
Navient Private Education Refi Loan Trust		
Series 2019-GA, Class A 2.40%, 10/15/68 (1)	83	80
Navient Private Education Refi Loan Trust		
Series 2020-DA, Class A		
1.69%, 5/15/69 (1)	55	52
Navient Private Education Refi Loan Trust		
Series 2020-FA, Class A		
1.22%, 7/15/69 (1)	151	144
Navient Private Education Refi Loan Trust		
Series 2020-GA, Class A 1.17%, 9/16/69 (1)	70	65
1.17%, 9/16/69 (1) Navient Private Education Refi Loan Trust		05
Series 2021-BA, Class A		
0.94%, 7/15/69 (1)	153	138
Navient Private Education Refi Loan Trust		
Series 2021-EA, Class A		
0.97%, 12/16/69 (1)	96	87

	Par/Shares	\$ Value
(Amounts in 000s)		
Navient Private Education Refi Loan Trust		
Series 2022-A, Class A		
2.23%, 7/15/70 (1)	419	390
Nelnet Student Loan Trust		
Series 2005-4, Class A4, FRN		
3M USD LIBOR + 0.18%, 2.276%, 3/22/32	369	349
Nelnet Student Loan Trust		
Series 2020-1A, Class A, FRN		
1M USD LIBOR + 0.74%, 2.364%,		
3/26/68 (1)	181	175
Nelnet Student Loan Trust		
Series 2021-CA, Class AFX		
1.32%, 4/20/62 (1)	352	323
SMB Private Education Loan Trust		
Series 2020-PTB, Class A2A		
1.60%, 9/15/54 (1)	131	120
		2,029
Total Asset-Backed Securities		
(Cost \$23,220)		22,406
CORPORATE BONDS 48.2%		

FINANCIAL INSTITUTIONS 20.0%

Banking 12.7%		
AIB Group, 4.75%, 10/12/23 (1)	200	200
American Express, 2.25%, 3/4/25	445	428
American Express, 3.375%, 5/3/24	190	189
Banco Bilbao Vizcaya Argentaria, 0.875%,		
9/18/23	400	386
Banco Santander, 3.496%, 3/24/25	200	196
Banco Santander, VR, 0.701%, 6/30/24 (2)	400	386
Bank of America, VR, 0.81%, 10/24/24 (2)	135	129
Bank of America, VR, 0.976%, 4/22/25 (2)	255	240
Bank of America, VR, 1.734%, 7/22/27 (2)	190	169
Bank of America, VR, 1.843%, 2/4/25 (2)	215	208
Bank of America, VR, 3.384%, 4/2/26 (2)	265	257
Bank of America, VR, 3.841%, 4/25/25 (2)	190	190
Bank of Ireland Group, 4.50%, 11/25/23 (1)	870	870
Bank of Montreal, 3.70%, 6/7/25	350	347
Banque Federative du Credit Mutuel,		
0.65%, 2/27/24 (1)	235	223
Banque Federative du Credit Mutuel,		
0.998%, 2/4/25 (1)	280	259
Banque Federative du Credit Mutuel,		
2.125%, 11/21/22 (1)	320	319
Barclays, VR, 1.007%, 12/10/24 (2)	245	233
Barclays, VR, 4.338%, 5/16/24 (2)	200	200
BDO Unibank, 2.95%, 3/6/23	1,200	1,200
BNP Paribas, VR, 2.591%, 1/20/28 (1)(2)	290	261
BPCE, 5.70%, 10/22/23 (1)	1,010	1,024
Capital One Financial, 3.50%, 6/15/23	140	139
Capital One Financial, 3.90%, 1/29/24	145	145
Capital One Financial, VR, 2.636%,		
3/3/26 (2)	265	250
Citigroup, VR, 0.981%, 5/1/25 (2)	200	187
Citigroup, VR, 3.106%, 4/8/26 (2)	240	231
Citigroup, VR, 4.14%, 5/24/25 (2)	255	254
Credicorp, 2.75%, 6/17/25 (1)	200	186

Par/Shares \$ Value

	Fai/Sildres	a value
(Amounts in 000s)		
Credit Agricole, FRN, 3M USD LIBOR +		
1.02%, 2.204%, 4/24/23 (1)	470	470
Credit Suisse, 1.00%, 5/5/23	635	622
Credit Suisse Group, VR, 2.997%,		
12/14/23 (1)(2)	250	248
Danske Bank, 1.226%, 6/22/24 (1)	200	188
Danske Bank, 5.375%, 1/12/24 (1)	350	353
Danske Bank, VR, 3.773%, 3/28/25 (1)(2)	200	196
Discover Bank, 4.20%, 8/8/23 Goldman Sachs Group, 3.50%, 4/1/25	250 250	250 245
Goldman Sachs Group, VR, 0.673%,	230	240
3/8/24 (2)	280	273
Goldman Sachs Group, VR, 0.925%,		
10/21/24 (2)	325	312
Goldman Sachs Group, VR, 1.757%,		
1/24/25 (2)	265	256
HSBC Holdings, 4.25%, 3/14/24	200	199
HSBC Holdings, VR, 1.162%, 11/22/24 (2)	200	191
HSBC Holdings, VR, 2.099%, 6/4/26 (2)	375	347
JPMorgan Chase, FRN, SOFR + 0.885%,		
1.847%, 4/22/27	75	72
JPMorgan Chase, VR, 0.824%, 6/1/25 (2)	225	210
JPMorgan Chase, VR, 2.083%, 4/22/26 (2)		430
JPMorgan Chase, VR, 4.08%, 4/26/26 (2)	440	434
KeyCorp, VR, 3.878%, 5/23/25 (2) Mitsubishi UFJ Financial Group, VR,	105	104
0.953%, 7/19/25 (2)	400	374
Mizuho Financial Group Cayman 2, 4.20%,	100	
7/18/22	390	389
Morgan Stanley, VR, 0.529%, 1/25/24 (2)	125	123
Morgan Stanley, VR, 0.56%, 11/10/23 (2)	295	292
Morgan Stanley, VR, 0.731%, 4/5/24 (2)	235	229
Morgan Stanley, VR, 1.164%, 10/21/25 (2)	195	180
Morgan Stanley, VR, 2.63%, 2/18/26 (2)	250	240
Morgan Stanley, VR, 3.62%, 4/17/25 (2)	220	217
NatWest Group, 3.875%, 9/12/23	380	379
NatWest Markets, 2.375%, 5/21/23 (1)	465	459
NatWest Markets, 3.479%, 3/22/25 (1)	275	268
Santander Holdings USA, VR, 2.49%,	100	100
1/6/28 (2) Standard Chartered, 3.95%, 1/11/23 (1)	190 400	168 399
Standard Chartered, VR, 1.319%,		
10/14/23 (1)(2)	200	198
Standard Chartered, VR, 1.822%,		
11/23/25 (1)(2)	200	186
Standard Chartered, VR, 3.971%,		
3/30/26 (1)(2)	200	195
Svenska Handelsbanken, VR, 1.418%,		
6/11/27 (1)(2)	250	222
Swedbank, 1.30%, 6/2/23 (1)	365	358
Synchrony Financial, 4.25%, 8/15/24	485	480
Toronto-Dominion Bank, 0.70%, 9/10/24	350	328
Truist Financial, FRN, SOFR + 0.40%,	105	160
1.83%, 6/9/25 UBS, 0.70%, 8/9/24 (1)	165 205	160 192
UBS Group, VR, 1.494%, 8/10/27 (1)(2)	203	192
UBS Group, VR, 4.488%, 5/12/26 (1)(2)	200	199
Wells Fargo, VR, 1.654%, 6/2/24 (2)	200	210
Wells Fargo, VR, 2.188%, 4/30/26 (2)	205	192

	Par/Shares	\$ Value
Amounts in 000s)		
Wells Fargo, VR, 3.526%, 3/24/28 (2)	170	161
Wells Fargo, VR, 3.908%, 4/25/26 (2)	280	275
Brokerage Asset Managers		21,954
Exchanges 0.4%		
Charles Schwab, 2.45%, 3/3/27	495	461
LSEGA Financing, 0.65%, 4/6/24 (1)	320	303
Finance Companies 2.2%		764
AerCap Ireland Capital, 1.65%, 10/29/24	330	305
AerCap Ireland Capital, 4.125%, 7/3/23	205	203
AerCap Ireland Capital, 4.50%, 9/15/23	400	398
AerCap Ireland Capital, 4.875%, 1/16/24	300	298
Air Lease, 2.25%, 1/15/23	205	203
Avolon Holdings Funding, 2.125%,		
2/21/26 (1)	200	173
Avolon Holdings Funding, 2.875%,		
2/15/25 (1)	250	229
Avolon Holdings Funding, 3.95%, 7/1/24 (1) 75	
Avolon Holdings Funding, 5.125%,	0.05	
10/1/23 (1)	325	322
GATX, 3.25%, 9/15/26	342	32
GATX, 3.90%, 3/30/23	200	200
GATX, 4.35%, 2/15/24	360	364
Park Aerospace Holdings, 4.50%,	05	01
3/15/23 (1)	35	35
Park Aerospace Holdings, 5.25%,	215	215
3/15/22 (1) SMBC Aviation Capital Finance, 3.55%,	215	210
4/15/24 (1)	235	228
SMBC Aviation Capital Finance, 4.125%,	200	
7/15/23 (1)	200	198
		3,770
Financial Other 0.2%		
LeasePlan, 2.875%, 10/24/24 (1)	400	382
Insurance 3.3%		382
American International Group, 2.50%,		
6/30/25	330	314
Athene Global Funding, 1.716%, 1/7/25 (1)	435	408
Athene Global Funding, 2.514%, 3/8/24 (1)	535	517
Brighthouse Financial Global Funding,		
0.60%, 6/28/23 (1)	545	529
Brighthouse Financial Global Funding,		
1.00%, 4/12/24 (1)	200	189
CNO Global Funding, 1.65%, 1/6/25 (1)	240	22
CNO Global Funding, 1.75%, 10/7/26 (1)	355	317
Corebridge Financial, 3.50%, 4/4/25 (1)	205	199
Equitable Financial Life Global Funding,		
0.80%, 8/12/24 (1)	255	238
Equitable Financial Life Global Funding,		
1.10%, 11/12/24 (1)	360	337
Health Care Service Corp A Mutual Legal	0.05	00
Reserve, 1.50%, 6/1/25 (1)	325	301
Humana, 0.65%, 8/3/23	135	131
Humana, 1.35%, 2/3/27	90	79
Humana, 2.90%, 12/15/22	45	45
	85	85
Humana, 3.15%, 12/1/22 Humana, 3.85%, 10/1/24	180	179

_

	Par/Shares	\$ Value
(Amounts in 000s)		
Humana, 4.50%, 4/1/25	145	147
Jackson Financial, 1.125%, 11/22/23 (1)	270	260
Jackson National Life Global Funding,		
1.75%, 1/12/25 (1)	290	274
Principal Life Global Funding II, 0.75%,		
4/12/24 (1)	165	156
Trinity Acquisition, 4.625%, 8/15/23	343	344
UnitedHealth Group, 3.70%, 5/15/27	280	280
Willis North America, 3.60%, 5/15/24	90	89
		5,645
Real Estate Investment Trusts 1.2%		
American Campus Communities Operating		
Partnership, 3.75%, 4/15/23	360	360
Essex Portfolio, 3.25%, 5/1/23	470	469
Highwoods Realty, 3.625%, 1/15/23	314	313
Kimco Realty, 2.70%, 3/1/24	465	456
Public Storage, FRN, SOFR + 0.47%,		
1.445%, 4/23/24	115	115
Realty Income, 3.875%, 7/15/24	450	450
		2,163
Total Financial Institutions		34,678
INDUSTRIAL 25.7%		
Basic Industry 1.3%		
ArcelorMittal, 3.60%, 7/16/24	100	99
Celulosa Arauco y Constitucion, 4.50%,		
8/1/24	200	199
Cytec Industries, 3.50%, 4/1/23	235	233
Ecolab, 1.65%, 2/1/27	100	91
LYB International Finance III, 1.25%,		
10/1/25	177	160
Nucor, 2.00%, 6/1/25	80	75
Nucor, 3.95%, 5/23/25	125	124
POSCO, 2.375%, 11/12/22 (1)	1,175	1,172
Westlake, 0.875%, 8/15/24	45	43
		2,196
Capital Goods 0.8%		
Amcor Flexibles North America, 4.00%, 5/17/25	185	183
Amphenol, 2.05%, 3/1/25	220	209
Boral Finance, 3.00%, 11/1/22 (1)	40	40
	64	61
Carrier Global, 2.242%, 2/15/25		188
Martin Marietta Materials, 0.65%, 7/15/23 Parker-Hannifin, 3.65%, 6/15/24	195	397
	400	
Republic Services, 2.50%, 8/15/24	220	214
Roper Technologies, 2.35%, 9/15/24	90	
Roper Technologies, 3.65%, 9/15/23		75 1,454
Communications 4.4%		
American Tower, 2.40%, 3/15/25	170	161
Charter Communications Operating,		
4.908%, 7/23/25	955	957
Cox Communications, 2.95%, 6/30/23 (1)	615	609
Cox Communications, 3.15%, 8/15/24 (1)	435	425
Crown Castle International, 1.05%, 7/15/26	255	221
Crown Castle International, 2.90%, 3/15/27	220	203
Crown Castle International, 3.15%, 7/15/23	345	341
Magallanes, 3.755%, 3/15/27 (1)	700	656
NTT Finance, 0.373%, 3/3/23 (1)	275	270

(Amounts in 000s)		
Rogers Communications, 3.20%,		
3/15/27 (1)	310	294
SBA Tower Trust, 1.631%, 11/15/26 (1)	115	103
SBA Tower Trust, 1.884%, 1/15/26 (1)	85	79
SBA Tower Trust, 2.836%, 1/15/25 (1)	255	247
SBA Tower Trust, 3.448%, 3/15/23 (1)	250	248
SBA Tower Trust, Series 2014-2A, Class C,		
3.869%, 10/8/24 (1)	110	108
SES, 3.60%, 4/4/23 (1)	455	450
Sky, 3.75%, 9/16/24 (1)	975	970
T-Mobile USA, 2.25%, 2/15/26 (3)	195	175
T-Mobile USA, 3.50%, 4/15/25	265	259
Take-Two Interactive Software, 3.30%,		
3/28/24	220	217
Take-Two Interactive Software, 3.55%,		
4/14/25	75	74
Verizon Communications, 1.45%, 3/20/26	270	246
Verizon Communications, 2.625%, 8/15/26	395	373
		7,686
Consumer Cyclical 4.6%		
7-Eleven, 0.625%, 2/10/23 (1)	85	84
7-Eleven, 0.80%, 2/10/24 (1)	135	128
Aptiv, 2.396%, 2/18/25	205	196
AutoZone, 3.625%, 4/15/25	120	119
Daimler Finance North America, 1.75%,		
3/10/23 (1)	435	430
Daimler Trucks Finance North America,		
1.625%, 12/13/24 (1)	260	245
General Motors, 4.875%, 10/2/23	180	182
General Motors, 5.40%, 10/2/23	450	456
General Motors Financial, 2.90%, 2/26/25	485	463
Genuine Parts, 1.75%, 2/1/25	105	99
Hyatt Hotels, 1.30%, 10/1/23	140	135
Hyundai Capital America, 0.80%, 1/8/24 (1)	160	152
Hyundai Capital America, 0.875%,		
6/14/24 (1)	80	75
Hyundai Capital America, 1.00%,		
9/17/24 (1)	110	103
Hyundai Capital America, 2.375%,		
2/10/23 (1)	470	464
Hyundai Capital America, 2.85%,		
11/1/22 (1)	131	131
Hyundai Capital Services, 2.125%,		
4/24/25 (1)	200	189
Lowe's, 3.35%, 4/1/27	80	
Marriott International, 2.125%, 10/3/22	170	170
Marriott International, 3.125%, 2/15/23	80	80
Marriott International, 3.60%, 4/15/24	425	423
Nissan Motor, 3.043%, 9/15/23 (1)	665	654
Nissan Motor Acceptance, 2.60%,		
9/28/22 (1)	415	413
Nissan Motor Acceptance, 2.65%,		
7/13/22 (1)	130	130
Nordstrom, 2.30%, 4/8/24	35	33
O'Reilly Automotive, 3.80%, 9/1/22	115	115
QVC, 4.85%, 4/1/24	130	123
Ross Stores, 0.875%, 4/15/26	155	137
Ross Stores, 4.60%, 4/15/25	550	556
Stellantis Finance U.S., 1.711%, 1/29/27 (1)	200	174

Par/Shares

\$ Value

	Par/Shares	\$ Value
(Amounts in 000s)		
Toyota Motor Credit, 3.95%, 6/30/25	415	417
Volkswagen Group of America Finance, 2.70%, 9/26/22 (1)	415	414
Volkswagen Group of America Finance, 3.125%, 5/12/23 (1)	200	198
Volkswagen Group of America Finance, 3.95%, 6/6/25 (1)	200	196
Consumer Non-Cyclical 6.1%		7,961
AbbVie, 2.60%, 11/21/24	715	695
AbbVie, 2.95%, 11/21/26	510	482
AbbVie, 3.20%, 11/6/22	45	45
AbbVie, 3.20%, 5/14/26	45	43
AbbVie, 3.25%, 10/1/22	240	240
Anheuser-Busch, 3.65%, 2/1/26	120	118
Astrazeneca Finance, 1.20%, 5/28/26	320	289
BAT International Finance, 1.668%, 3/25/26		434
BAT International Finance, 4.448%, 3/16/28 Baxter International, 0.868%, 12/1/23	350	336
Bayer U.S. Finance II, 3.875%, 12/15/23 (1)	250	250
Becton Dickinson & Company, 3.363%,		
6/6/24 Becton Dickinson & Company, 3.734%,	336	333
12/15/24	43	43
Brunswick, 0.85%, 8/18/24	290	268
Bunge Finance, 3.00%, 9/25/22	955	956
Cardinal Health, 3.079%, 6/15/24	180	177
Cardinal Health, 3.20%, 3/15/23	185	185
Cardinal Health, 3.50%, 11/15/24	215	213
Cigna, 3.75%, 7/15/23	104	104
Coca-Cola Europacific Partners, 0.80%,	100	450
5/3/24 (1)	480	453
CommonSpirit Health, 1.547%, 10/1/25	170	156
Constellation Brands, 3.60%, 5/9/24	225	224
CSL Finance, 3.85%, 4/27/27 (1)	90	100
CVS Health, 2.875%, 6/1/26	115 105	109
CVS Health, 3.00%, 8/15/26 HCA, 3.125%, 3/15/27 (1)	260	
Imperial Brands Finance, 3.125%,	200	238
7/26/24 (1)	480	464
Imperial Brands Finance, 3.50%, 2/11/23 (1)	800	795
Imperial Brands Finance, 4.25%,		
7/21/25 (1)	200	197
JDE Peet's, 0.80%, 9/24/24 (1)	150	139
Mondelez International, 2.625%, 3/17/27	190	177
PeaceHealth Obligated Group, Series 2020, 1.375%, 11/15/25	50	46
PerkinElmer, 0.55%, 9/15/23	165	159
PerkinElmer, 0.85%, 9/15/24	715	663
Perrigo Finance Unlimited, 3.90%, 12/15/24		632
Royalty Pharma, 0.75%, 9/2/23	215	207
Shire Acquisitions Investments Ireland,		
2.875%, 9/23/23	168	166
Viatris, 1.65%, 6/22/25	105	96
Energy 4.2%		10,521
Aker BP, 3.00%, 1/15/25 (1)	360	217
Baker Hughes Holdings, 1.231%, 12/15/23	95	347 92

	Par/Shares	\$ Value
(Amounts in 000s)		
Canadian Natural Resources, 2.05%, 7/15/25	335	314
Cheniere Corpus Christi Holdings, 5.875%,		
3/31/25	375	383
Cheniere Corpus Christi Holdings, 7.00%, 6/30/24	465	481
Devon Energy, 8.25%, 8/1/23	130	136
Enbridge, 2.15%, 2/16/24	315	306
Enbridge, 2.50%, 1/15/25	265	255
Enbridge, 2.50%, 2/14/25	150	144
Energy Transfer, 2.90%, 5/15/25	65	62
Energy Transfer, 3.45%, 1/15/23	30	30
Energy Transfer, 4.25%, 3/15/23 Energy Transfer, 4.25%, 4/1/24	440	437
Energy Transfer, 4.90%, 2/1/24	175	176
Energy Transfer, 5.875%, 1/15/24	610	618
Energy Transfer, Series 5Y, 4.20%, 9/15/23	85	85
Eni, Series X-R, 4.00%, 9/12/23 (1)	470	468
EOG Resources, 2.625%, 3/15/23	74	73
Gray Oak Pipeline, 2.00%, 9/15/23 (1)	50	49
Gray Oak Pipeline, 2.60%, 10/15/25 (1)	105	98
Pioneer Natural Resources, 0.55%, 5/15/23 Plains All American Pipeline, 2.85%,	8 140	136
1/31/23	305	303
Sabine Pass Liquefaction, 5.625%, 4/15/23		635
Sabine Pass Liquefaction, 5.625%, 3/1/25	120	122
Sabine Pass Liquefaction, 5.75%, 5/15/24	300	306
Schlumberger Finance Canada, 1.40%,		
9/17/25	80	
Schlumberger Holdings, 3.75%, 5/1/24 (1)	340	338
Schlumberger Holdings, 4.00%, 12/21/25 (1)	95	94
Williams, 3.70%, 1/15/23	570	571
Williams, 4.30%, 3/4/24	75	75
		7,223
Industrial Other 0.5%		
CK Hutchison International II, 2.75%,	050	0.47
3/29/23	950	947 947
Technology 2.4%		
Analog Devices, FRN, SOFR + 0.25%,		
1.763%, 10/1/24	70	69
CDW, 5.50%, 12/1/24	75	75
Fidelity National Information Services, 0.375%, 3/1/23	275	269
Fidelity National Information Services,		
0.60%, 3/1/24	130	123
Fortinet, 1.00%, 3/15/26	160	142
Marvell Technology, 4.20%, 6/22/23	255	254
Microchip Technology, 0.972%, 2/15/24	300	285
Microchip Technology, 0.983%, 9/1/24	220	205
Microchip Technology, 2.67%, 9/1/23	250	246
NXP, 2.70%, 5/1/25 NXP, 3.875%, 6/18/26	140 110	133
NXP, 4.40%, 6/1/27	35	34
NXP, 4.875%, 3/1/24	185	187
Oracle, 2.40%, 9/15/23	305	300
Panasonic, 2.536%, 7/19/22 (1)	275	275
Qorvo, 1.75%, 12/15/24 (1)	125	116

	Par/Shares	\$ Value
(Amounts in 000s)		
RELX Capital, 3.50%, 3/16/23	160	160
S&P Global, 2.45%, 3/1/27 (1)	510	477
Skyworks Solutions, 0.90%, 6/1/23	70	68
VMware, 0.60%, 8/15/23	165	159
Western Union, 2.85%, 1/10/25	375	362
Workday, 3.50%, 4/1/27	120	115
Transportation 1.4%		4,160
American Airlines PTT, Series 2017-2, Class	5	
B, 3.70%, 10/15/25	331	286
Canadian Pacific Railway, 1.35%, 12/2/24	315	296
Canadian Pacific Railway, 1.75%, 12/2/26	135	121
HPHT Finance, 2.875%, 11/5/24	400	391
Kansas City Southern, 3.00%, 5/15/23	255	254
Penske Truck Leasing, 2.70%, 3/14/23 (1)	321	319
Penske Truck Leasing, 4.25%, 1/17/23 (1)	70	70
Sydney Airport Finance, 3.90%, 3/22/23 (1)	250	250
Triton Container International, 0.80%,		
8/1/23 (1)	325	308
United Airlines PTT, Series 2019-2, Class B,		
3.50%, 5/1/28	202	178
		2,473
Total Industrial		44,621
UTILITY 2.5%		
Electric 2.1%		
AES, 3.30%, 7/15/25 (1)	190	180
Alexander Funding Trust, 1.841%,		
11/15/23 (1)	225	215
Edison International, 2.95%, 3/15/23	110	108
Edison International, 3.125%, 11/15/22	170	170
Enel Finance International, 1.375%,		
7/12/26 (1)	265	232
Enel Finance International, 2.65%,		
9/10/24 (1)	405	392
NextEra Energy Capital Holdings, 1.875%,		
1/15/27	310	279
NextEra Energy Capital Holdings, 4.45%,		
6/20/25	230	232
NRG Energy, 3.75%, 6/15/24 (1)	155	152
Pacific Gas & Electric, 3.50%, 6/15/25	220	209
Pacific Gas & Electric, FRN, SOFRINDX +		
1.15%, 2.371%, 11/14/22	45	45
Vistra Operations, 3.55%, 7/15/24 (1)	1,065	1,028
Vistra Operations, 5.125%, 5/13/25 (1)	285	282
		3,524
Natural Gas 0.4%		
APT Pipelines, 4.20%, 3/23/25 (1)	400	396
Sempra Energy, 3.30%, 4/1/25	175	171
Southern California Gas, 2.95%, 4/15/27	185	175
T-4-1114/04-1		742
Total Utility		4,266
Total Corporate Bonds		
(Cost \$86,816)		83,565

	Par/Shares	\$ Value
(Amounts in 000s)		
FOREIGN GOVERNMENT OBLIGATION MUNICIPALITIES 0.3%	S &	
Owned No Guarantee 0.3% DAE Funding, 1.55%, 8/1/24 (1) NBN, 1.45%, 5/5/26 (1) Total Foreign Government Obligations & Municipalities	200 405	187 365
(Cost \$604)		552
MUNICIPAL SECURITIES 0.4%		
California 0.1% Golden State Tobacco Securitization, Series A-1, 1.711%, 6/1/24	200	192 192
Illinois 0.2% Illinois, Series A, GO, 2.25%, 10/1/22	415	
New York 0.1%		414
Long Island Power Auth., Series C, 0.764%, 3/1/23	85	84 84
Total Municipal Securities (Cost \$700)		690
NON-U.S. GOVERNMENT MORTGAGE- SECURITIES 17.6%	BACKED	
Collateralized Mortgage Obligations 10.4% Angel Oak Mortgage Trust Series 2020-3, Class A1, CMO, ARM		
1.691%, 4/25/65 (1) Angel Oak Mortgage Trust	31	30
Series 2020-3, Class A3, CMO, ARM 2.872%, 4/25/65 (1) Angel Oak Mortgage Trust	32	31
Series 2020-5, Class A2, CMO, ARM 1.579%, 5/25/65 (1)	46	43
Angel Oak Mortgage Trust Series 2020-6, Class A1, CMO, ARM 1.261%, 5/25/65 (1) Angel Oak Mortgage Trust		70
Series 2021-1, Class A1, CMO, ARM 0.909%, 1/25/66 (1) Angel Oak Mortgage Trust	147	136
Series 2021-1, Class A2, CMO, ARM 1.115%, 1/25/66 (1) Angel Oak Mortgage Trust	42	39
Series 2021-2, Class A1, CMO, ARM 0.985%, 4/25/66 (1)	127	116
Angel Oak Mortgage Trust Series 2021-3, Class A1, CMO, ARM 1.068%, 5/25/66 (1)	100	90
Angel Oak Mortgage Trust Series 2021-6, Class A2, CMO, ARM 1.581%, 9/25/66 (1)	119	100

	Par/Shares	\$ Value
(Amounts in 000s)		
Angel Oak Mortgage Trust		
Series 2021-6, Class A3, CMO, ARM 1.714%, 9/25/66 (1)	112	92
Angel Oak Mortgage Trust I		
Series 2019-2, Class M1, CMO, ARM		
4.065%, 3/25/49 (1)	400	394
Barclays Mortgage Loan Trust Series 2021-NQM1, Class A1, CMO, ARM		
1.747%, 9/25/51 (1)	289	268
Bayview MSR Opportunity Master Fund		
Trust		
Series 2021-2, Class A5, CMO, ARM 2.50%, 6/25/51 (1)	215	198
Bayview MSR Opportunity Master Fund	215	190
Trust		
Series 2021-5, Class A5, CMO, ARM		
2.50%, 11/25/51 (1)	161	148
BINOM Securitization Trust Series 2021-INV1, Class A2, CMO, ARM		
2.37%, 6/25/56 (1)	313	288
BINOM Securitization Trust		
Series 2021-INV1, Class A3, CMO, ARM		
2.625%, 6/25/56 (1)	99	91
BRAVO Residential Funding Trust Series 2021-NQM3, Class A1, CMO, ARM		
1.699%, 4/25/60 (1)	167	160
CIM Trust		
Series 2020-INV1, Class A2, CMO, ARM		74
2.50%, 4/25/50 (1) CIM Trust	84	74
Series 2021-INV1, Class A8, CMO, ARM		
2 50% 7/1/51 (1)	104	95
Citigroup Mortgage Loan Trust		
Series 2020-EXP2, Class A3, CMO, ARM 2.50%, 8/25/50 (1)	65	57
COLT Mortgage Loan Trust		
Series 2021-1, Class A2, CMO, ARM		
1.167%, 6/25/66 (1)	121	107
COLT Mortgage Loan Trust		
Series 2021-3, Class A3, CMO, ARM 1.419%, 9/27/66 (1)	98	85
COLT Mortgage Loan Trust		
Series 2021-6, Class A1, CMO, ARM		
1.907%, 12/25/66 (1)	147	128
COLT Mortgage Loan Trust Series 2022-3, Class A1, CMO, ARM		
3.901%, 2/25/67 (1)	261	252
Connecticut Avenue Securities		
Series 2017-C02, Class 2ED3, CMO, ARM	00	00
1M USD LIBOR + 1.35%, 2.974%, 9/25/29 Connecticut Avenue Securities	20	20
Series 2017-C05, Class 1ED3, CMO, ARM		
1M USD LIBOR + 1.20%, 2.824%, 1/25/30	25	25
Connecticut Avenue Securities Trust		
Series 2022-R01, Class 1M1, CMO, ARM	200	010
SOFR30A + 1.00%, 1.926%, 12/25/41 (1) Connecticut Avenue Securities Trust	320	313
Series 2022-R02, Class 2M1, CMO, ARM		
SOFR30A + 1.20%, 2.126%, 1/25/42 (1)	391	381

	Par/Shares	\$ Value
(Amounts in 000s)		
Connecticut Avenue Securities Trust		
Series 2022-R03, Class 1M1, CMO, ARM		
SOFR30A + 2.10%, 3.026%, 3/25/42 (1)	244	240
Connecticut Avenue Securities Trust		
Series 2022-R04, Class 1M1, CMO, ARM		
SOFR30A + 2.00%, 2.926%, 3/25/42 (1)	156	153
Connecticut Avenue Securities Trust		
Series 2022-R05, Class 2M1, CMO, ARM	007	000
SOFR30A + 1.90%, 2.826%, 4/25/42 (1)	297	292
Connecticut Avenue Securities Trust Series 2022-R06, Class 1M1, CMO, ARM		
SOFR30A + 2.75%, 3.698%, 5/25/42 (1)	263	263
Connecticut Avenue Securities Trust		200
Series 2022-R07, Class 1M1, CMO, ARM		
SOFR30A + 2.95%, 3.876%, 6/25/42 (1)	275	275
Deephaven Residential Mortgage Trust		
Series 2021-1, Class A2, CMO, ARM		
0.973%, 5/25/65 (1)	36	35
Deephaven Residential Mortgage Trust		
Series 2021-2, Class A1, CMO, ARM		
0.899%, 4/25/66 (1)		58
Deephaven Residential Mortgage Trust		
Series 2021-2, Class A3, CMO, ARM	66	50
1.26%, 4/25/66 (1) Eagle	66	59
Series 2021-2, Class M1A, CMO, ARM		
SOFR30A + 1.55%, 2.476%, 4/25/34 (1)	150	149
Ellington Financial Mortgage Trust		
Series 2019-2, Class A1, CMO, ARM		
2.739%, 11/25/59 (1)	101	97
Ellington Financial Mortgage Trust		
Series 2019-2, Class A3, CMO, ARM		
3.046%, 11/25/59 (1)	25	24
Ellington Financial Mortgage Trust		
Series 2021-1, Class A1, CMO, ARM		07
0.797%, 2/25/66 (1)	41	37
Ellington Financial Mortgage Trust		
Series 2021-1, Class A3, CMO, ARM 1.106%, 2/25/66 (1)	41	37
Ellington Financial Mortgage Trust		
Series 2021-2, Class A1, CMO, ARM		
0.931%, 6/25/66 (1)	243	220
Ellington Financial Mortgage Trust		
Series 2021-2, Class A3, CMO, ARM		
1.291%, 6/25/66 (1)	71	64
Ellington Financial Mortgage Trust		
Series 2021-3, Class A1, CMO, ARM		
1.241%, 9/25/66 (1)	105	92
Flagstar Mortgage Trust		
Series 2020-11NV, Class A11, CMO, ARM		
1M USD LIBOR + 0.85%, 2.474%,	150	150
	159	150
Flagstar Mortgage Trust Series 2021-5INV, Class A5, CMO, ARM		
2.50%, 7/25/51 (1)	215	198
Freddie Mac Whole Loan Securities Trust		100
Series 2017-SC01, Class M1, CMO, ARM		
3 653% 12/25/46 (1)	80	78
Freddie Mac Whole Loan Securities Trust		
Series 2017-SC02, Class M1, CMO, ARM		
3.85%, 5/25/47 (1)	38	37

	Par/Shares	\$ Value
(Amounts in 000s)		
Galton Funding Mortgage Trust		
Series 2018-1, Class A33, CMO, ARM 3.50%, 11/25/57 (1)	56	53
Galton Funding Mortgage Trust		
Series 2019-1, Class A21, CMO, ARM		
4.50%, 2/25/59 (1)	21	21
Galton Funding Mortgage Trust Series 2019-1, Class A32, CMO, ARM		
4.00%, 2/25/59 (1)	32	32
Galton Funding Mortgage Trust		
Series 2019-H1, Class M1, CMO, ARM	000	000
3.339%, 10/25/59 (1)	230	220
Galton Funding Mortgage Trust Series 2020-H1, Class M1, CMO, ARM		
2.832%, 1/25/60 (1)	380	349
GS Mortgage-Backed Securities Trust		
Series 2014-EB1A, Class 2A1, CMO, ARM	_	_
	5	5
GS Mortgage-Backed Securities Trust Series 2021-GR2, Class A6, CMO, ARM		
2.50%, 2/25/52 (1)	233	213
GS Mortgage-Backed Securities Trust		
Series 2021-HP1, Class A6, CMO, ARM	100	100
2.50%, 1/25/52 (1)	139	126
GS Mortgage-Backed Securities Trust Series 2021-NQM1, Class A1, CMO, ARM		
1.017%, 7/25/61 (1)	70	65
GS Mortgage-Backed Securities Trust		
Series 2021-PJ5, Class A8, CMO, ARM	001	070
2.50%, 10/25/51 (1) GS Mortgage-Backed Securities Trust	301	273
Series 2022-GR1, Class A5, CMO, ARM		
2.50%, 6/25/52 (1)	469	427
Hundred Acre Wood Trust		
Series 2021-INV1, Class A9, CMO, ARM 2.50%, 7/25/51 (1)	204	188
Imperial Fund Mortgage Trust	204	100
Series 2021-NQM2, Class A3, CMO, ARM		
1.516%, 9/25/56 (1)	123	109
Imperial Fund Mortgage Trust		
Series 2022-NQM4, Class A1, CMO, STEP 4.767%, 6/25/67 (1)	378	376
JPMorgan Mortgage Trust		070
Series 2020-INV1, Class A15, CMO, ARM		
3.50%, 8/25/50 (1)	113	107
Mello Mortgage Capital Acceptance		
Series 2021-INV3, Class A4, CMO, ARM 2.50%, 10/25/51 (1)	183	167
MFA Trust		107
Series 2021-INV1, Class A1, CMO, ARM		
0.852%, 1/25/56 (1)	76	71
MFA Trust		
Series 2021-NQM2, Class A2, CMO, ARM 1.317%, 11/25/64 (1)	65	59
New Residential Mortgage Loan Trust		
Series 2021-INV1, Class A6, CMO, ARM		
2.50%, 6/25/51 (1)	143	130
New Residential Mortgage Loan Trust		
Series 2021-INV2, Class A7, CMO, ARM 2.50%, 9/25/51 (1)	420	383
2.30 %, 3/23/31 (1)		

	Par/Shares	\$ Value
Amounts in 000s)		
New Residential Mortgage Loan Trust		
Series 2021-NQ1R, Class A1, CMO, ARM		
0.943%, 7/25/55 (1)	118	111
NLT Trust		
Series 2021-INV2, Class A1, CMO, ARM	410	070
.162%, 8/25/56 (1)	412	373
ILT Trust Series 2021-INV2, Class A3, CMO, ARM		
.52%, 8/25/56 (1)	110	99
DBX Trust		
Series 2019-EXP2, Class 2A2, CMO, ARM		
IM USD LIBOR + 1.20%, 2.824%,		
6/25/59 (1)	38	37
DBX Trust		
Series 2020-EXP1, Class 2A2, CMO, ARM		
IM USD LIBOR + 0.95%, 2.574%,	40	4.4
2/25/60 (1) DBX Trust	42	41
Series 2020-EXP2, Class A8, CMO, ARM		
8.00%, 5/25/60 (1)	114	107
DBX Trust		
eries 2020-EXP2, Class A9, CMO, ARM		
.00%, 5/25/60 (1)	30	28
DBX Trust		
Series 2020-INV1, Class A5, CMO, ARM		
.50%, 12/25/49 (1)	66	63
DBX Trust		
eries 2021-J1, Class A4, CMO, ARM .50%, 5/25/51 (1)	221	201
DBX Trust		201
Series 2021-NQM1, Class A1, CMO, ARM		
.072%, 2/25/66 (1)	151	142
DBX Trust		
Series 2021-NQM3, Class A1, CMO, ARM		
.054%, 7/25/61 (1)	107	92
Dceanview Mortgage Trust		
Series 2022-1, Class A5, CMO, ARM	000	001
2.50%, 12/25/51 (1) PSMC Trust	220	201
Series 2021-1, Class A11, CMO, ARM		
2.50%, 3/25/51 (1)	327	297
PSMC Trust		
Series 2021-2, Class A3, CMO, ARM		
2.50%, 5/25/51 (1)	243	221
Sequoia Mortgage Trust		
Series 2018-CH2, Class A21, CMO, ARM		
4.00%, 6/25/48 (1)		33
Sequoia Mortgage Trust		
Series 2018-CH3, Class A19, CMO, ARM	9	٥
4.50%, 8/25/48 (1) Sequoia Mortgage Trust	9	9
Series 2018-CH4, Class A2, CMO, ARM		
1 000/ 10/05/10/1	14	14
G Residential Mortgage Trust		
Series 2020-2, Class A1, CMO, ARM		
1.381%, 5/25/65 (1)	52	50
SG Residential Mortgage Trust		
Series 2022-1, Class A1, CMO, ARM		
3.166%, 3/27/62 (1)	141	134

	Par/Shares	\$ Value
(Amounts in 000s)		
Starwood Mortgage Residential Trust		
Series 2019-INV1, Class A1, CMO, ARM 2.61%, 9/27/49 (1)	2	2
Starwood Mortgage Residential Trust	<u>ک</u>	<u>۲</u>
Series 2019-INV1, Class A3, CMO, ARM		
2.916%, 9/27/49 (1)	236	230
Starwood Mortgage Residential Trust		
Series 2021-2, Class A1, CMO, ARM 0.943%, 5/25/65 (1)	135	128
Starwood Mortgage Residential Trust		
Series 2021-4, Class A1, CMO, ARM		
1.162%, 8/25/56 (1)	303	272
Structured Agency Credit Risk Debt Notes Series 2018-HRP2, Class M2, CMO, ARM		
1M USD LIBOR + 1.25%, 2.874%,		
2/25/47 (1)	37	37
Structured Agency Credit Risk Debt Notes		
Series 2020-DNA6, Class M1, CMO, ARM		
SOFR30A + 0.90%, 1.826%, 12/25/50 (1)	.	
Structured Agency Credit Risk Debt Notes Series 2021-DNA2, Class M1, CMO, ARM		
SOFR30A + 0.80%, 1.726%, 8/25/33 (1)	54	53
Structured Agency Credit Risk Debt Notes		
Series 2021-DNA5, Class M2, CMO, ARM		
SOFR30A + 1.65%, 2.576%, 1/25/34 (1)	104	100
Structured Agency Credit Risk Debt Notes Series 2021-DNA6, Class M2, CMO, ARM		
SOFR30A + 1.50%, 2.426%, 10/25/41 (1)	140	128
Structured Agency Credit Risk Debt Notes		
Series 2021-DNA7, Class M2, CMO, ARM		
SOFR30A + 1.80%, 2.726%, 11/25/41 (1)	90	81
Structured Agency Credit Risk Debt Notes Series 2021-HQA1, Class M1, CMO, ARM		
SOFR30A + 0.70%, 1.626%, 8/25/33 (1)	18	18
Structured Agency Credit Risk Debt Notes		
Series 2021-HQA3, Class M1, CMO, ARM		
SOFR30A + 0.85%, 1.776%, 9/25/41 (1)	166	161
Structured Agency Credit Risk Debt Notes Series 2021-HQA4, Class M1, CMO, ARM		
SOFR30A + 0.95%, 1.876%, 12/25/41 (1)	475	459
Structured Agency Credit Risk Debt Notes		
Series 2022-DNA1, Class M1A, CMO, ARM		
SOFR30A + 1.00%, 1.926%, 1/25/42 (1)	195	188
Structured Agency Credit Risk Debt Notes Series 2022-DNA3, Class M1A, CMO, ARM		
SOFR30A + 2.00%, 2.926%, 4/25/42 (1)	310	305
Structured Agency Credit Risk Debt Notes		
Series 2022-DNA4, Class M1A, CMO, ARM		
SOFR30A + 2.20%, 3.126%, 5/25/42 (1)	349	344
Structured Agency Credit Risk Debt Notes Series 2022-DNA5, Class M1A, CMO, ARM		
	335	335
Structured Agency Credit Risk Debt Notes		
Series 2022-HQA1, Class M1A, CMO, ARM		
SOFR30A + 2.10%, 3.026%, 3/25/42 (1)	380	377
Toorak Mortgage Series 2021-INV1 Class A2 CMO ABM		
Series 2021-INV1, Class A2, CMO, ARM 1.409%, 7/25/56 (1)	75	68
UWM Mortgage Trust		
Series 2021-INV2, Class A4, CMO, ARM		
2.50%, 9/25/51 (1)	73	67

	Par/Shares	\$ Value
(Amounts in 000s)		
UWM Mortgage Trust		
Series 2021-INV5, Class A4, CMO, ARM 2.50%, 1/25/52 (1)	448	409
Verus Securitization Trust	440	409
Series 2019-4, Class A3, CMO, STEP		
3.00%, 11/25/59 (1)	252	250
Verus Securitization Trust		
Series 2019-INV3, Class A3, CMO, ARM		
3.10%, 11/25/59 (1)	264	258
Verus Securitization Trust		
Series 2020-1, Class A3, CMO, STEP		
2.724%, 1/25/60 (1)	312	305
Verus Securitization Trust		
Series 2020-5, Class A3, CMO, STEP	10	00
1.733%, 5/25/65 (1)	40	38
Verus Securitization Trust Series 2021-1, Class A1, CMO, ARM		
0.815%, 1/25/66 (1)	48	44
Verus Securitization Trust		
Series 2021-1, Class A2, CMO, ARM		
1.052%, 1/25/66 (1)	64	58
Verus Securitization Trust		
Series 2021-1, Class A3, CMO, ARM		
1.155%, 1/25/66 (1)	46	41
Verus Securitization Trust		
Series 2021-2, Class A1, CMO, ARM		
1.031%, 2/25/66 (1)		
Verus Securitization Trust		
Series 2021-5, Class A3, CMO, ARM	107	01
1.373%, 9/25/66 (1) Verus Securitization Trust	107	91
Series 2021-7, Class A1, CMO, ARM		
1.829%, 10/25/66 (1)	383	344
Verus Securitization Trust		
Series 2021-R1, Class A2, CMO, ARM		
1.057%, 10/25/63 (1)	32	31
Verus Securitization Trust		
Series 2021-R2, Class A1, CMO, ARM		
0.918%, 2/25/64 (1)	93	90
Verus Securitization Trust		
Series 2022-1, Class A3, CMO, ARM	0.07	005
3.288%, 1/25/67 (1)	327	305
Wells Fargo Mortgage Backed Securities		
Trust Series 2021-RR1, Class A3, CMO, ARM		
2.50%, 12/25/50 (1)	264	240
2.30 /0, 12/23/30 (1)		17,950
Commercial Mortgage-Backed		
Securities 7.0%		
Arbor Realty Commercial Real Estate Note	es	
Series 2021-FL3, Class A, ARM		
1M USD LIBOR + 1.07%, 2.394%,		
8/15/34 (1)	270	259
Arbor Realty Commercial Real Estate Note	es	
Series 2021-FL4, Class A, ARM		
1M USD LIBOR + 1.35%, 2.674%, 11/15/36 (1)		194
	200	104

	Par/Shares	\$ Value
(Amounts in 000s)		
BAMLL Commercial Mortgage Securities		
Trust Series 2021-JACX, Class C, ARM		
1M USD LIBOR + 2.00%, 3.324%,		
9/15/38 (1)	190	182
BCP Trust		
Series 2021-330N, Class A, ARM 1M USD LIBOR + 0.799%, 2.123%,		
6/15/38 (1)	120	115
BDS		
Series 2021-FL10, Class A, ARM		
1M USD LIBOR + 1.35%, 2.962%, 12/16/36 (1)	185	178
BIG Commercial Mortgage Trust		
Series 2022-BIG, Class C, ARM		
1M TSFR + 2.34%, 3.619%, 2/15/39 (1)	105	101
BPR Trust		
Series 2021-TY, Class B, ARM		
1M USD LIBOR + 1.15%, 2.474%, 9/15/38 (1)	200	190
BSPRT Issuer		
Series 2022-FL8, Class A, ARM		
SOFR30A + 1.50%, 2.279%, 2/15/37 (1)	380	366
BSREP Commercial Mortgage Trust		
Series 2021-DC, Class D, ARM 1M USD LIBOR + 1.90%, 3.225%,		
8/15/38 (1)	175	163
BX Commercial Mortgage Trust		
Series 2019-XL, Class A, ARM		
1M USD LIBOR + 0.92%, 2.244%,	100	100
10/15/36 (1)	102	100
BX Commercial Mortgage Trust Series 2021-SOAR, Class D, ARM		
1M USD LIBOR + 1.40%, 2.725%,		
6/15/38 (1)	144	136
BX Commercial Mortgage Trust		
Series 2022-AHP, Class A, ARM	100	104
1M TSFR + 0.99%, 2.269%, 1/17/39 (1) BX Commercial Mortgage Trust	190	184
Series 2022-CSMO, Class B, ARM		
1M TSFR + 3.141%, 3.891%, 6/15/27 (1)	260	255
BX Trust		
Series 2021-ARIA, Class C, ARM		
1M USD LIBOR + 1.646%, 2.97%,	145	135
10/15/36 (1) Citigroup Commercial Mortgage Trust	145	100
Series 2013-375P, Class B, ARM		
3.635%, 5/10/35 (1)	205	199
Citigroup Commercial Mortgage Trust		
Series 2013-375P, Class C, ARM	450	
3.635%, 5/10/35 (1)	150	144
Cold Storage Trust Series 2020-ICE5, Class B, ARM		
1M USD LIBOR + 1.30%, 2.624%,		
11/15/37 (1)	256	249
Commercial Mortgage Trust		
Series 2014-CR19, Class AM	010	007
4.08%, 8/10/47 Commercial Mortgage Trust	210	207
Series 2014-CR19, Class D, ARM		
4.854%, 8/10/47 (1)	250	229

	Par/Shares	\$ Value
(Amounts in 000s)		
Commercial Mortgage Trust		
Series 2014-UBS2, Class A5	000	070
3.961%, 3/10/47	280	278
Commercial Mortgage Trust Series 2014-UBS2, Class B		
4.701%, 3/10/47	440	436
Commercial Mortgage Trust		
Series 2015-CR22, Class B, ARM		
3.926%, 3/10/48	100	96
Commercial Mortgage Trust		
Series 2020-CBM, Class D, ARM	240	010
3.754%, 2/10/37 (1) Credit Suisse Mortgage Trust	340	313
Series 2020-NET, Class A		
2.257%, 8/15/37 (1)	113	104
Extended Stay America Trust		
Series 2021-ESH, Class C, ARM		
1M USD LIBOR + 1.70%, 3.025%,		
7/15/38 (1)	194	188
Fontainebleau Miami Beach Trust		
Series 2019-FBLU, Class C	905	061
3.75%, 12/10/36 (1)	895	861
GCT Commercial Mortgage Trust Series 2021-GCT, Class A, ARM		
1M USD LIBOR + 0.80%, 2.124%,		
2/15/38 (1)	140	136
Great Wolf Trust		
Series 2019-WOLF, Class A, ARM		
1M USD LIBOR + 1.034%, 2.358%,		
12/15/36 (1)	325	316
Great Wolf Trust		
Series 2019-WOLF, Class C, ARM 1M USD LIBOR + 1.633%, 2.957%,		
12/15/36 (1)	390	375
GS Mortgage Securities Trust		
Series 2021-ROSS, Class B, ARM		
1M USD LIBOR + 1.60%, 2.925%,		
5/15/26 (1)	160	153
InTown Hotel Portfolio Trust		
Series 2018-STAY, Class A, ARM		
1M USD LIBOR + 1.10%, 2.425%, 1/15/33 (1)	175	174
InTown Hotel Portfolio Trust		
Series 2018-STAY, Class C, ARM		
1M USD LIBOR + 1.65%, 2.975%,		
1/15/33 (1)	145	143
JPMorgan Chase Commercial Mortgage		
Securities Trust		
Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.60%, 2.924%,		
9/15/29 (1)	355	342
JPMorgan Chase Commercial Mortgage		
Securities Trust		
Series 2020-609M, Class B, ARM		
1M USD LIBOR + 1.77%, 3.095%,		
10/15/33 (1)	255	244
JPMorgan Chase Commercial Mortgage		
Securities Trust Series 2020-609M, Class C, ARM		
1M USD LIBOR + 2.17%, 3.495%,		
10/15/33 (1)	210	198

Amounts in 000s) KIND Trust Series 2021-KIND, Class C, ARM 11 M USD LIBOR + 1.75%, 3.074%, 8 245 230 KKR Industrial Portfolio Trust Series 2021-KDIP, Class C, ARM 11 M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 1188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 1145 140 MU SD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 157 LSTAR Commercial Mortgage Trust Series 2017-5, Class A, ARM 1145 140 MF1 Series 2021-FL7, Class A, ARM 1145 140 MU SD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 201-MHC2, Class A 39 Series 201-MHC2, Class D, ARM 3283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 201-MEAD, Class D, ARM 12/15/36 (1) 130 124 ONE Mortgage Trust Series 201-PARK, Class D, ARM 100 SE LIBOR + 1.05%, 2.274%, 3/15/36 (1) 120 120		Par/Shares	\$ Value
Series 2021-KIND, Class C, ARM 1M USD LIBOR + 1.75%, 3.074%, 8 8/15/38 (1) 245 230 KKR Industrial Portfolio Trust Series 2021-KDIP, Class C, ARM 11 1M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 11 M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2021-FC7, Class A, ARM 140 MF1 Series 2021-FC7, Class A, ARM 140 MF1 Series 2021-FL7, Class A, ARM 195 187 MHC Trust Series 2021-HC2, Class B, ARM 10/16/36 (1) 195 143 Morgan Stanley Capital I Trust Series 2014-LISOE, Class A 3912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2021-PARK, Class D, ARM 12/15/36 (1) 124 ONE Mortgage Trust Series 2021-PARK, Class D, ARM 12/15/36 (1) 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 12/15/36 (1) 120	(Amounts in 000s)		
Series 2021-KIND, Class C, ARM 1M USD LIBOR + 1.75%, 3.074%, 8 8/15/38 (1) 245 230 KKR Industrial Portfolio Trust Series 2021-KDIP, Class C, ARM 11 1M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 11 M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2021-FC7, Class A, ARM 140 MF1 Series 2021-FC7, Class A, ARM 140 MF1 Series 2021-FL7, Class A, ARM 195 187 MHC Trust Series 2021-HC2, Class B, ARM 10/16/36 (1) 195 143 Morgan Stanley Capital I Trust Series 2014-LISOE, Class A 3912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2021-PARK, Class D, ARM 12/15/36 (1) 124 ONE Mortgage Trust Series 2021-PARK, Class D, ARM 12/15/36 (1) 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 12/15/36 (1) 120	KIND Trust		
8/15/38 (1) 245 230 KKR Industrial Portfolio Trust Series 2021-KDIP, Class C, ARM 1M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2017-5, Class A, ARM 1M USD LIBOR + 1.05%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-HL7, Class A, ARM 1M USD LIBOR + 1.05%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2014-HC2, Class B, ARM 1M USD LIBOR + 1.06%, 2.692%, 10/16/36 (1) 150 143 Morgan Stanley Capital 1 Trust Series 2014-HC2, Class D, ARM 3912%, 9/9/32 (1) 340 330 Morgan Stanley Capital 1 Trust Series 2014-HC3, Class D, ARM 1M USD LIBOR + 1.06%, 3.30%, 12/15/36 (1) 710 633 Morgan Stanley Capital 1 Trust Series 2019-NUGS, Class D, ARM 12/15/36 (1) 710 633 Morgan Stanley Capital 1 Trust Series 2019-NUGS, Class D, ARM 11/10/36 (1) 710 633 Morgan Stanley Capital 1 Trust Series 2019-NUGS, Class D, ARM 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class D, ARM 11/10/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 11M USD LIBOR + 1.08%, 2.274%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 11M USD LIBOR + 1.08%, 2.40%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 11M USD LIBOR + 1.08%, 2.40%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 11M USD LIBOR + 1.08%, 2.40%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 11M USD LIBOR + 1.08%, 2.40%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 11M USD LIBOR + 1.08%, 2.40%, 9/15/36 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2018-FUN, Class A, ARM 11M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2018-FUN, Class A, ARM 11M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2018-FUN, Class A, ARM 1148 455 WFRBS Commercial Mortgage Trust Series 2018-FUNSZ,			
KKR Industrial Portfolio Trust Series 2021-KDIP, Class C, ARM 11 USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 12/15/37 (1) 188 11 USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 12/15/37 (1) 75 11 USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 12/15/37 (1) 75 11 USD LIBOR + 1.05%, 2.592%, 4.021%, 3/10/50 (1) 145 Series 2021-FL7, Class A, ARM MU USD LIBOR + 1.06%, 2.692%, 10/16/36 (1) 195 MHC Trust Series 2021-MHC2, Class B, ARM IM USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 Morgan Stanley Capital Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 3.283%, 11/10/36 (1) 710 Series 2014-150E, Class D, ARM Mu USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 12/15/36 (1) 130 12/15/36 (1) 1315 ONE Mortgage Trust Series 2021-PARK, Class C, ARM M USD LIBOR + 1.08%, 2.474%,	1M USD LIBOR + 1.75%, 3.074%,		
Series 2021-KDIP, Class C, ARM 1M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 TAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 MUSD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 MU SD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 MU SD LIBOR + 1.00%, 2.424%, 5/15/23 (1) 150 MU SD LIBOR + 1.00%, 2.424%, 5/15/23 (1) 150 Morgan Stanley Capital I Trust Series 201-MHC2, Class A 3.912%, 9/9/32 (1) 340 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM Mu SD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM Mu SD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2021-PARK, Class B, ARM Mu SD LIBOR + 1.80%, 2.404%, 9/	8/15/38 (1)	245	230
1M USD LIBOR + 1.00%, 2.324%, 12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 145 140 145 140 MF1 Series 2021-HL7, Class A, ARM 195 187 187 MHC Trust Series 2021-MHC2, Class B, ARM 140 143 Morgan Stanley Capital I Trust Series 2014-HDC2, Class A 3912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2014-HDC2, Class A 3912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3233%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 144 324 30 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 140 143 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 140 144 310 MuSD LIBOR + 1.80%,			
12/15/37 (1) 188 179 KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 11 M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 110 145 140 MF1 Series 2021-FL7, Class A, ARM 110 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 110 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 124 0NE Mortgage Trust 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 124 0NE Mortgage Trust 299 ONE Mortgage Trust Series 2018-FUN, Class C, ARM 110 160 Shelter Growth CRE Issuer			
KKR Industrial Portfolio Trust Series 2021-KDIP, Class D, ARM 1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 TL STAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) MFI Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 10/16/36 (1) MUSD LIBOR + 1.08%, 2.692%, 10/16/36 (1) MUSD LIBOR + 1.08%, 2.424%, 5/15/23 (1) MUSD LIBOR + 1.10%, 2.424%, 3/10/36 (1) Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 12/15/36 (1) 130 12/15/36 (1) 170 13/15/36 (1) 170		100	170
Series 2021-KDIP, Class D, ARM 1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 12/15/37 (1) 75 Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 MHT Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 10/16/36 (1) 195 MHC Trust Series 2021-MHC2, Class B, ARM Series 2021-MHC2, Class B, ARM 10/16/36 (1) MUSD LIBOR + 1.10%, 2.424%, 5/15/23 (1) Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2021-PARK, Class D, ARM M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 11005 M USD LIBOR + 1.08%, 2.404%, 9/15/36		188	179
1M USD LIBOR + 1.25%, 2.574%, 12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2017-5, Class A, ARM 145 140 MF1 Series 2021-FL7, Class A, ARM 1145 140 MU USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 143 Morgan Stanley Capital I Trust Series 2021-MHC2, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 32.83%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MUGS, Class D, ARM 140 124 0NE Mordgage Trust Series 2019-MUGS, Class D, ARM 130 124 0NE Mordgage Trust 299 0NE Mordgage Trust 299 0NE Mordgage Trust 291 291 291 291 291 291 291 291 291 291 291 291 291 291			
12/15/37 (1) 75 71 LSTAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 145 140 MW1 DU LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 195 187 MU USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MUGS, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MUGS, Class D, ARM 130 124 ONE Mortgage Trust Series 2019-MUGS, Class D, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 145 299 ONE Mortgage Trust Series 2021-FL3, Class A, ARM 170 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 170 160 Shelter Gro			
LSTAR Commercial Mortgage Trust Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 1.08%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, ARM 1M USD LIBOR + 1.05%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, A WFRBS Commercial Mortgage Trust Series 2014-FUN, Class A, A 4.045%, 3/15/47 440 438		75	71
Series 2017-5, Class AS 4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.0%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2018-FUN, Class A, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, 244%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-C14, Class A 4.045%, 3/15/47 440 438			· · · · · · · · · · · · · · · · · · ·
4.021%, 3/10/50 (1) 145 140 MF1 Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, 2004%, 9/15/36 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-FUN, Class A, 2004%, 9/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2014-L014, Class A, 2004 WFRBS Commercial Mortgage Trust Series 2014-L014, Class A, 2004 WFRBS Commercial Mortgage Trust Series 2014-L014, Class A, 2004 WFRBS Commercial Mortgage Trust Series 2014-L014, Class A, 2004 440 438			
MF1 Series 2021-FL7, Class A, ARM 1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 MHC Trust Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 Morgan Stanley Capital I Trust Series 2014-150E, Class D, ARM 3.283%, 11/10/36 (1) 710 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.0%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 SLIDE Serie	4 021% 3/10/50 (1)	145	140
1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 1 M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 100 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 USD LIBOR + 1.0%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2014-FUN, Class A, ARM 110 USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474			
1M USD LIBOR + 1.08%, 2.692%, 10/16/36 (1) 195 187 MHC Trust Series 2021-MHC2, Class B, ARM 1 M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 100 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 USD LIBOR + 1.0%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2014-FUN, Class A, ARM 110 USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474	Series 2021-FL7, Class A, ARM		
MHC Trust Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM Mu SD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 MU USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.0%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 9/15/31 (1) 482 MU USD LIBOR + 1.15%, 2.474%, 6			
Series 2021-MHC2, Class B, ARM 1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 Gass Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM MU SD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 MU SD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/3	10/16/36 (1)	195	187
1M USD LIBOR + 1.10%, 2.424%, 5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 30 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 124 IM USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 0NE Mortgage Trust Series 2021-PARK, Class C, ARM 110 160 Shelter Growth CRE Issuer 5 Series 2021-FL3, Class A, ARM 110 170 160 Shelter Growth CRE Issuer 5 5 5 Series 2018-FUN, Class A, ARM 110 96 95 SLIDE Series 2018-FUN, Class A, ARM	MHC Trust		
5/15/23 (1) 150 143 Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.30 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 135 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 110 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 527 507 Well	Series 2021-MHC2, Class B, ARM		
Morgan Stanley Capital I Trust Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 110 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 527 507 Wells Fargo Commercial Mortgage Trust Series 2018-FU			
Series 2014-150E, Class A 3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 10 533 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 11 10 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 11 10 633 IM USD LIBOR + 1.80%, 3.30%, 124 0NE Mortgage Trust 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 11 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 11 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 11 100 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 110 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 110 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 96 95 SLIDE Series 2018-FUN, Class D, ARM 110 482 474 SLIDE Series 2018-	5/15/23 (1)	150	143
3.912%, 9/9/32 (1) 340 330 Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 10 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 110 633 M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 110 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 124 M USD LIBOR + 1.0%, 2.424%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 110 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 110 160 Shelter Growth CRE Issuer Series 2018-FUN, Class A, ARM 110 96 95 SLIDE Series 2018-FUN, Class A, ARM 110 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 527 507 Wells Fargo Commercial Mortgage Trust <td< td=""><td></td><td></td><td></td></td<>			
Morgan Stanley Capital I Trust Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 12/15/36 (1) 130 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 9/15/36 (1) 96 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust			
Series 2019-MEAD, Class D, ARM 3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 130 124 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 96 95 SLIDE Series 2018-FUN, Class A, ARM 96 95 SLIDE Series 2018-FUN, Class A, ARM 100 USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47		340	330
3.283%, 11/10/36 (1) 710 633 Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 130 124 IM USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 96 95 SLIDE Series 2018-FUN, Class A, ARM 96 95 SLIDE Series 2018-FUN, Class A, ARM 100 USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 110 USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438	o i i		
Morgan Stanley Capital I Trust Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/31 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438		710	600
Series 2019-NUGS, Class D, ARM 1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438 <td></td> <td>710</td> <td>033</td>		710	033
1M USD LIBOR + 1.80%, 3.30%, 12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.400 4.045%, 3/15/47 440 438	o		
12/15/36 (1) 130 124 ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
ONE Mortgage Trust Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 9/15/31 (1) 527 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Vells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 3.02%, 7/15/58 148 VFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5	12/15/36(1)	130	124
Series 2021-PARK, Class B, ARM 1M USD LIBOR + 0.95%, 2.274%, 3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
3/15/36 (1) 315 299 ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1 100 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1 100 100 Series 2018-FUN, Class A, ARM 100 100 100 100 Series 2018-FUN, Class A, ARM 100 100 100 100 100 Series 2018-FUN, Class D, ARM 100 100 482 474 100			
ONE Mortgage Trust Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Vells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 VFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440	1M USD LIBOR + 0.95%, 2.274%,		
Series 2021-PARK, Class C, ARM 1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 482 474 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440	3/15/36 (1)	315	299
1M USD LIBOR + 1.10%, 2.424%, 3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47	ONE Mortgage Trust		
3/15/36 (1) 170 160 Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 96 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
Shelter Growth CRE Issuer Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Vells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 VFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440			
Series 2021-FL3, Class A, ARM 1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Vells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 VFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440		170	160
1M USD LIBOR + 1.08%, 2.404%, 9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
9/15/36 (1) 96 95 SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
SLIDE Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 VFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440		96	95
Series 2018-FUN, Class A, ARM 1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
1M USD LIBOR + 1.15%, 2.474%, 6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
6/15/31 (1) 482 474 SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 4.045%, 3/15/47 440 438			
SLIDE Series 2018-FUN, Class D, ARM 1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440	6/15/31 (1)	482	474
1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438	^^ ^		
1M USD LIBOR + 2.10%, 3.424%, 6/15/31 (1) 527 507 Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440	1M USD LIBOR + 2.10%, 3.424%,		
Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 3.02%, 7/15/58 148 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440	6/15/31 (1)	527	507
3.02%, 7/15/58 148 145 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 4.045%, 3/15/47 440 438			
WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438			
Series 2014-LC14, Class A5 4.045%, 3/15/47 440 438	3.02%, 7/15/58	148	145
4.045%, 3/15/47 440 438	00		
			100
12,098	4.045%, 3/15/4/	440	
			12,098

	Par/Shares	\$ Value
(Amounts in 000s)		
Residential Mortgage 0.2%		
MetLife Securitization Trust		
Series 2017-1A, Class A, CMO, ARM		
3.00%, 4/25/55 (1)	143	139
Towd Point Mortgage Trust Series 2016-1, Class A3B, CMO, ARM		
3.00%, 2/25/55 (1)	9	9
Towd Point Mortgage Trust		
Series 2017-1, Class A1, CMO, ARM		
2.75%, 10/25/56 (1)	82	81
Towd Point Mortgage Trust Series 2017-2, Class A1, CMO, ARM		
2.75%, 4/25/57 (1)	52	51
Towd Point Mortgage Trust		
Series 2018-1, Class A1, CMO, ARM		
3.00%, 1/25/58 (1)		87
		367
Total Non-U.S. Government Mortgage- Backed Securities		
(Cost \$32,347)		30,415
U.S. GOVERNMENT & AGENCY MORTO	GAGE-BACKED	
SECURITIES 3.7%		
U.S. Government Agency		
Obligations 2.5%		
Federal Home Loan Mortgage		
3.50%, 3/1/46	101	99
5.00%, 12/1/23 - 7/1/25		
5.50%, 4/1/23 - 10/1/38	5	5
6.00%, 8/1/22 - 9/1/35 7.00%, 3/1/39		79 71
7.50%, 6/1/38	67	72
Federal Home Loan Mortgage, ARM		
12M USD LIBOR + 1.625%, 1.875%, 7/1/38	3 7	7
12M USD LIBOR + 1.625%, 2.87%, 4/1/37	7	7
12M USD LIBOR + 1.625%, 3.29%, 6/1/38	15	15
12M USD LIBOR + 1.726%, 2.057%, 7/1/35	5 3	3
12M USD LIBOR + 1.733%, 2.433%, 10/1/36	6	6
12M USD LIBOR + 1.739%, 2.90%, 5/1/38		6
12M USD LIBOR + 1.75%, 2.127%, 2/1/35	1	1
12M USD LIBOR + 1.775%, 3.225%, 5/1/37	7 3	3
12M USD LIBOR + 1.829%, 2.203%, 2/1/37		2
12M USD LIBOR + 1.842%, 2.091%, 1/1/37		2
12M USD LIBOR + 2.03%, 2.275%, 11/1/36		2 7
12M USD LIBOR + 2.083%, 2.582%, 2/1/38 1Y CMT + 2.245%, 2.37%, 1/1/36		
1Y CMT + 2.25%, 2.698%, 10/1/36		6
Federal Home Loan Mortgage, CMO,	· · · · · · · · · · · · · · · · · · ·	
2.00%, 2/15/40	68	67
Federal Home Loan Mortgage, UMBS		
2.50%, 1/1/52	223	201
3.00%, 11/1/34	182	180
4.00%, 12/1/49 4.50%, 5/1/50		37
Federal National Mortgage Assn., ARM	31	32
12M USD LIBOR + 1.34%, 1.59%, 12/1/35	2	2
12M USD LIBOR + 1.568%, 2.339%, 7/1/35		1

	Par/Shares	\$ Value
(Amounts in 000s)		
12M USD LIBOR + 1.584%, 1.834%,		
12/1/35	5	5
12M USD LIBOR + 1.599%, 2.289%, 7/1/36	6	6
12M USD LIBOR + 1.655%, 1.905%, 8/1/37		2
12M USD LIBOR + 1.77%, 2.145%, 12/1/35	1	<u>-</u> .
12M USD LIBOR + 1.78%, 2.03%, 1/1/34	6	6
12M USD LIBOR + 1.788%, 2.538%, 5/1/38		2
12M USD LIBOR + 1.83%, 3.117%, 4/1/38	18	19
12M USD LIBOR + 1.853%, 2.103%, 8/1/38	7	7
12M USD LIBOR + 1.892%, 2.142%,		
12/1/35	2	2
12M USD LIBOR + 1.922%, 3.198%, 5/1/38		6
12M USD LIBOR + 2.04%, 2.29%, 12/1/36	1	1
Federal National Mortgage Assn., UMBS		
2.00%, 10/1/50	114	100
2.50%, 1/1/52	202	182
3.00%, 1/1/27 - 6/1/52	473	446
3.50%, 3/1/28 - 1/1/52	146	142
4.00%, 11/1/49 - 12/1/49	63	63
4.50%, 8/1/24 - 1/1/50	519	530
5.00%, 3/1/23 - 6/1/35	195	205
5.50%, 11/1/22 - 5/1/40	237	254
6.00%, 2/1/23 - 4/1/40	448	489
6.50%, 7/1/32 - 12/1/32		60
UMBS, TBA (4)		
4.00%, 7/1/52	330	326
4.50%, 7/1/52	570	572
U.S. Government Obligations 1.2%		4,348
Government National Mortgage Assn.		754
3.00%, 9/20/47	787	751
3.50%, 2/20/48	13	12
4.00%, 10/20/50	36	36
5.00%, 12/20/34 - 11/20/47	275	291
5.50%, 3/20/48 - 3/20/49	48	51
Government National Mortgage Assn., TBA (4)		
3.50%, 7/20/52	367	357
4.00%, 7/20/52	100	99
4.50%, 7/20/52	350	355
		1,952
Total U.S. Government & Agency		
Mortgage-Backed Securities (Cost \$6,456)		6,300
U.S. GOVERNMENT AGENCY OBLIGAT		ING
MORTGAGE-BACKED) 19.8%		ind
Treasuries 19.8%		
U.S. Treasury Notes, 0.125%, 5/15/23 (5)	125	122
U.S. Treasury Notes, 0.125%, 8/31/23 (5)	30	29
U.S. Treasury Notes, 0.25%, 9/30/23 (5)	30	29
U.S. Treasury Notes, 1.75%, 3/15/25 (5)	5,090	4,920
U.S. Treasury Notes, 2.50%, 4/30/24	4,755	4,713
U.S. Treasury Notes, 2.50%, 5/31/24 (3)	4,190	4,153
U.S. Treasury Notes, 2.75%, 5/15/25	10,380	10,301
, , , , , , , , , , , , , , , , , , , ,		

	Par/Shares	\$ Value
Amounts in 000s)		
U.S. Treasury Notes, 2.875%, 6/15/25	10,000	9,959
Total U.S. Government Agency		
Obligations (Excluding Mortgage-Backed)		24.006
(Cost \$34,391)		34,226
SHORT-TERM INVESTMENTS 4.8%		
Money Market Funds 4.8%		
T. Rowe Price Government Reserve Fund,		
1.33% (6)(7)	8,385	8,385
Total Short-Term Investments		
(Cost \$8,385)		8,385
SECURITIES LENDING COLLATERAL 2	2%	
Seconines Lending Collarenal 2	. 2 /0	
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2%	.2 /0	
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK	.2 /0	
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2%	.2 /0	
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2%	3,865	3,865
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account		3,865
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account through Securities Lending Program with		
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account through Securities Lending Program with State Street Bank and Trust Company		3,865 3,865
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account through Securities Lending Program with		
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account through Securities Lending Program with State Street Bank and Trust Company Total Securities Lending Collateral		3,865
INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK AND TRUST COMPANY 2.2% Money Market Funds 2.2% T. Rowe Price Government Reserve Fund, 1.33% (6)(7) Total Investments in a Pooled Account through Securities Lending Program with State Street Bank and Trust Company Total Securities Lending Collateral (Cost \$3,865)		3,865

- ‡ Par/Shares and Notional Amount are denominated in U.S. dollars unless otherwise noted.
- (1) Security was purchased pursuant to Rule 144A under the Securities Act of 1933 and may be resold in transactions exempt from registration only to qualified institutional buyers. Total value of such securities at period-end amounts to \$77,138 and represents 44.5% of net assets.
- (2) Security is a fix-to-float security, which carries a fixed coupon until a certain date, upon which it switches to a floating rate. Reference rate and spread are provided if the rate is currently floating.
- (3) See Note 4. All or a portion of this security is on loan at June 30, 2022.
- (4) See Note 4. To-Be-Announced purchase commitment. Total value of such securities at period-end amounts to \$1,709 and represents 1.0% of net assets.
- (5) At June 30, 2022, all or a portion of this security is pledged as collateral and/or margin deposit to cover future funding obligations.
- (6) Seven-day yield
- (7) Affiliated Companies
- 1M TSFR One month term SOFR (Secured overnight financing rate)
- 1M USD LIBOR One month USD LIBOR (London interbank offered rate)
- 3M TSFR Three month term SOFR (Secured overnight financing rate)
- 3M USD LIBOR Three month USD LIBOR (London interbank offered rate)
- 12M USD LIBOR Twelve month USD LIBOR (London interbank offered rate)
 - 1Y CMT One year U.S. Treasury note constant maturity
 - ARM Adjustable Rate Mortgage (ARM); rate shown is effective rate at period-end. The rates for certain ARMs are not based on a published reference rate and spread but may be determined using a formula based on the rates of the underlying loans.
 - CLO Collateralized Loan Obligation
 - CMO Collateralized Mortgage Obligation
 - FRN Floating Rate Note
 - GO General Obligation
 - PTT Pass-Through Trust
 - SOFR Secured overnight financing rate
 - SOFRINDX (Secured overnight financing rate) Index
 - SOFR30A 30-day Average SOFR (Secured overnight financing rate)
 - STEP Stepped coupon bond for which the coupon rate of interest adjusts on specified date(s); rate shown is effective rate at period-end. TBA To-Be-Announced
 - UMBS Uniform Mortgage-Backed Securities
 - VR Variable Rate; rate shown is effective rate at period-end. The rates for certain variable rate securities are not based on a published reference rate and spread but are determined by the issuer or agent and based on current market conditions.

(Amounts in	000s)
-------------	-------

SWAPS (0.0)%				
Description	Notional Amount	\$ Value	Upfront Payments/ \$ (Receipts)	Unrealized \$ Gain/(Loss)
BILATERAL SWAPS (0.0)%				
Credit Default Swaps, Protection Bought (0.0)%				
Bank of America, Protection Bought (Relevant Credit: General Mills), Pay 1.00% Quarterly,				
Receive upon credit default, 12/20/24	417	(7)	(7)	_
Barclays Bank, Protection Bought (Relevant Credit: Omnicom Group), Pay 1.00% Quarterly,				
Receive upon credit default, 12/20/24	1,250	(15)	(19)	4
Citibank, Protection Bought (Relevant Credit: General Mills), Pay 1.00% Quarterly, Receive				
upon credit default, 12/20/24	596	(10)	(10)	
Goldman Sachs, Protection Bought (Relevant Credit: General Mills), Pay 1.00% Quarterly,				
Receive upon credit default, 12/20/24	1,220	(20)	(19)	(1)
Total Bilateral Credit Default Swaps, Protection Bought			(55)	3
Credit Default Swaps, Protection Sold 0.0%				
Barclays Bank, Protection Sold (Relevant Credit: AT&T, Baa2*), Receive 1.00% Quarterly, Pay				
upon credit default, 12/20/22	500	1	1	_
Barclays Bank, Protection Sold (Relevant Credit: Enbridge, Baa1*), Receive 1.00% Quarterly,				
Pay upon credit default, 6/20/23	1,750	8	(24)	32
Total Bilateral Credit Default Swaps, Protection Sold			(23)	32
Total Bilateral Swaps			(78)	35

* Credit ratings as of June 30, 2022. Ratings shown are from Moody's Investors Service and if Moody's does not rate a security, then Standard & Poor's (S&P) is used. Fitch is used for securities that are not rated by either Moody's or S&P.

FUTURES CONTRACTS

(\$000s)

	Expiration Date	Notional Amount	Value and Unrealized Gain (Loss)
Short, 85 U.S. Treasury Notes five year contracts	9/22	(9,541)	\$ (57)
Short, 7 U.S. Treasury Notes ten year contracts	9/22	(830)	 (3)
Long, 169 U.S. Treasury Notes two year contracts	9/22	35,493	(190)
Short, 5 Ultra U.S. Treasury Notes ten year contracts	9/22	(637)	 10
Net payments (receipts) of variation margin to date			 262
Variation margin receivable (payable) on open futures contracts			\$ 22

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended June 30, 2022. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

		Change in Net			
	1	Net Realized	Unrealized	Investment	
Affiliate		Gain (Loss)	Gain/Loss	Income	
T. Rowe Price Government Reserve Fund, 1.33%	\$	- \$	- \$	10++	
Totals	\$	_# \$	- \$	10+	

Supplementary Investment Schedule

	Value	Purchase	Sales	Value
Affiliate	12/31/21	Cost	Cost	06/30/22
T. Rowe Price Government Reserve Fund, 1.33%	\$ 4,392	۵	¤ \$	12,250
Total			\$	12,250^

Capital gain distributions from mutual funds represented \$0 of the net realized gain (loss).

++ Excludes earnings on securities lending collateral, which are subject to rebates and fees as described in Note 4.

+ Investment income comprised \$10 of dividend income and \$0 of interest income.

X Purchase and sale information not shown for cash management funds.

A The cost basis of investments in affiliated companies was \$12,250.

June 30, 2022 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets	
Investments in securities, at value (cost \$196,784)	\$ 190,404 871
Interest receivable Receivable for investment securities sold	247
Unrealized gain on bilateral swaps	36
Variation margin receivable on futures contracts	22
Receivable for shares sold Bilateral swap premiums paid	9
Cash	1
Other assets	 2
Total assets	 191,593
Liabilities Pavable for shares redeemed	11,992
Obligation to return securities lending collateral	3,865
Payable for investment securities purchased	2,229
Investment management and administrative fees payable	123
Bilateral swap premiums received Unrealized loss on bilateral swaps	79 1
Other liabilities	3
Total liabilities	 18,292
NET ASSETS	\$ 173,301
Net Assets Consist of:	
Total distributable earnings (loss)	\$ (8,070)
Paid-in capital applicable to 37,008,745 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the	
Corporation authorized	 181,371
NET ASSETS	\$ 173,301
NET ASSET VALUE PER SHARE	
Limited-Term Bond Portfolio Class	
(\$155,424,256 / 33,176,261 shares outstanding)	\$ 4.68
Limited-Term Bond Portfolio-II Class	
(\$17,877,180 / 3,832,484 shares outstanding)	\$ 4.66

STATEMENT OF OPERATIONS

(\$000s)

	6 Months Ended 6/30/22
Investment Income (Loss)	
Income	
Interest	\$ 1,721
Dividend	10
Securities lending	1
Total income	1,732
Expenses	
Investment management and administrative expense	636
Rule 12b-1 fees - Limited-Term Bond Portfolio-II Class	21
Waived / paid by Price Associates	(182)
Net expenses	475
Net investment income	1,257
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	(1,377)
Futures	(368)
Swaps	16
Net realized loss	(1,729)
Change in net unrealized gain / loss	(0.000)
Securities	(6,680)
Futures	(183)
Swaps	(1)
Change in net unrealized gain / loss	(6,864)
Net realized and unrealized gain / loss	(8,593)
DECREASE IN NET ASSETS FROM OPERATIONS	<u>\$ (7,336)</u>

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

(40003)		
	6 Months	Year
	Ended	Ended
	6/30/22	12/31/21
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 1,257 \$	2,192
Net realized gain (loss)	(1,729)	599
Change in net unrealized gain / loss	 (6,864)	(2,937)
Decrease in net assets from operations	 (7,336)	(146)
Distributions to shareholders		
Net earnings		
Limited-Term Bond Portfolio Class	(1,170)	(3,066)
Limited-Term Bond Portfolio-II Class	(99)	(317)
Decrease in net assets from distributions	 (1,269)	(3,383)
Capital share transactions*		
Shares sold		
Limited-Term Bond Portfolio Class	31,211	66,806
Limited-Term Bond Portfolio-II Class	3,535	13,958
Distributions reinvested		
Limited-Term Bond Portfolio Class	1,160	3,057
Limited-Term Bond Portfolio-II Class	98	316
Shares redeemed		
Limited-Term Bond Portfolio Class	(40,315)	(34,722)
Limited-Term Bond Portfolio-II Class	(3,735)	(10,610)
Increase (decrease) in net assets from capital share transactions	 (8,046)	38,805
Net Assets		
Increase (decrease) during period	(16,651)	35,276
Beginning of period	 189,952	154,676
End of period	\$ 173,301 \$	189,952
*Share information (000s)		
Shares sold		
Limited-Term Bond Portfolio Class	6,563	13,399
Limited-Term Bond Portfolio-II Class	751	2,809
Distributions reinvested		
Limited-Term Bond Portfolio Class	244	617
Limited-Term Bond Portfolio-II Class	21	64
Shares redeemed		
Limited-Term Bond Portfolio Class	(8,509)	(6,953)
Limited-Term Bond Portfolio-II Class	(784)	(2,140)
Increase (decrease) in shares outstanding	 (1,714)	7,796
-		

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price Fixed Income Series, Inc. (the corporation) is registered under the Investment Company Act of 1940 (the 1940 Act). The Limited-Term Bond Portfolio (the fund) is a diversified, open-end management investment company established by the corporation. The fund seeks a high level of income consistent with moderate fluctuations in principal value. Shares of the fund currently are offered only to insurance company separate accounts established for the purpose of funding variable annuity contracts and variable life insurance policies. The fund has two classes of shares: the Limited-Term Bond Portfolio (Limited-Term Bond Portfolio Class) and the Limited-Term Bond Portfolio–II (Limited-Term Bond Portfolio–II Class). Limited-Term Bond Portfolio–II Class shares are sold through financial intermediaries, which it compensates for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan. Each class has exclusive voting rights on matters related solely to that class; separate voting rights on matters that relate to both classes; and, in all other respects, the same rights and obligations as the other class.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Premiums and discounts on debt securities are amortized for financial reporting purposes. Paydown gains and losses are recorded as an adjustment to interest income. Inflation adjustments to the principal amount of inflation-indexed bonds are reflected as interest income. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from mutual fund investments are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions are recorded on the ex-dividend date. Non-cash dividends, if any, are recorded at the fair market value of the asset received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions are declared by each class daily and paid monthly. A capital gain distribution may also be declared and paid by the fund annually.

Class Accounting Investment income and investment management and administrative expense are allocated to the classes based upon the relative daily net assets of each class's settled shares; realized and unrealized gains and losses are allocated based upon the relative daily net assets of each class's outstanding shares. Limited-Term Bond Portfolio–II Class pays Rule 12b-1 fees, in an amount not exceeding 0.25% of the class's average daily net assets.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

New Accounting Guidance In March 2020, the FASB issued Accounting Standards Update (ASU), ASU 2020–04, Reference Rate Reform (Topic 848) – Facilitation of the Effects of Reference Rate Reform on Financial Reporting, which provides optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the planned discontinuation of the London Interbank Offered Rate (LIBOR) and other interbank-offered based reference rates as of the end of 2021. In March 2021, the administrator for LIBOR announced the extension of the publication of a majority of the USD LIBOR settings to June 30, 2023. Management expects that the adoption of the guidance will not have a material impact on the fund's financial statements.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The T. Rowe Price Valuation Committee (the Valuation Committee) is an internal committee that has been delegated certain responsibilities by the fund's Board of Directors (the Board) to ensure that financial instruments are appropriately priced at fair value in accordance with GAAP and the 1940 Act. Subject to oversight by the Board, the Valuation Committee develops and oversees pricing-related policies and procedures and approves all fair value determinations. Specifically, the Valuation Committee establishes policies and procedures used in valuing financial instruments, including those which cannot be valued in accordance with normal procedures or using pricing vendors; determines pricing techniques, sources, and persons eligible to effect fair value pricing actions; evaluates the services and performance of the pricing vendors; oversees the pricing process to ensure policies and procedures are being followed; and provides guidance on internal controls and valuation-related matters. The Valuation Committee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

Level 1 - quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date

- Level 2 inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 unobservable inputs (including the fund's own assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Debt securities generally are traded in the over-the-counter (OTC) market and are valued at prices furnished by independent pricing services or by broker dealers who make markets in such securities. When valuing securities, the independent pricing services consider the yield or price of bonds of comparable quality, coupon, maturity, and type, as well as prices quoted by dealers who make markets in such securities.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Futures contracts are valued at closing settlement prices. Swaps are valued at prices furnished by an independent pricing service or independent swap dealers. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations or market-based valuations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Committee, in accordance with fair valuation policies and procedures. The objective of any fair value pricing determination is to arrive at a price that could reasonably be expected from a current sale. Financial instruments fair valued by the Valuation Committee are primarily private placements, restricted securities, warrants, rights, and other securities that are not publicly traded. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Committee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Committee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis

and updated as information becomes available, including actual purchase and sale transactions of the investment. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions, and fair value prices determined by the Valuation Committee could differ from those of other market participants.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2022 (for further detail by category, please refer to the accompanying Portfolio of Investments):

(\$000s)	Level 1	Level 2	Level 3	Total Value
Assets				
Fixed Income Securities ¹	\$ — \$	178,154 \$	- \$	178,154
Short-Term Investments	8,385	—	_	8,385
Securities Lending Collateral	3,865	—	_	3,865
Total Securities	12,250	178,154	_	190,404
Swaps	_	9	_	9
Futures Contracts*	 10	_	—	10
Total	\$ 12,260 \$	178,163 \$	- \$	190,423
iabilities				
Swaps	\$ - \$	52 \$	- \$	52
Futures Contracts*	 250	_	_	250
Total	\$ 250 \$	52 \$	- \$	302

¹ Includes Asset-Backed Securities, Corporate Bonds, Foreign Government Obligations & Municipalities, Municipal Securities, Non-U.S. Government Mortgage-Backed Securities, U.S. Government & Agency Mortgage-Backed Securities and U.S. Government Agency Obligations (Excluding Mortgage-Backed).

* The fair value presented includes cumulative gain (loss) on open futures contracts; however, the net value reflected on the accompanying Portfolio of Investments is only the unsettled variation margin receivable (payable) at that date.

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2022, the fund invested in derivative instruments. As defined by GAAP, a derivative is a financial instrument whose value is derived from an underlying security price, foreign exchange rate, interest rate, index of prices or rates, or other variable; it requires little or no initial investment and permits or requires net settlement. The fund invests in derivatives only if the expected risks and rewards are consistent with its investment objectives, policies, and overall risk profile, as described in its prospectus and Statement of Additional Information. The fund may use derivatives for a variety of purposes and may use them to establish both long and short positions within the fund's portfolio. Potential uses include to hedge against declines in principal value, increase yield, invest in an asset with greater efficiency and at a lower cost than is possible through direct investment, to enhance return, or to adjust portfolio duration and credit exposure. The risks associated with the use of derivatives are different from, and potentially much greater than, the risks associated with investing directly in the instruments on which the derivatives are based. The fund at all times maintains sufficient cash reserves, liquid assets, or other SEC-permitted asset types to cover its settlement obligations under open derivative contracts.

The fund values its derivatives at fair value and recognizes changes in fair value currently in its results of operations. Accordingly, the fund does not follow hedge accounting, even for derivatives employed as economic hedges. Generally, the fund accounts for its derivatives on a gross basis. It does not offset the fair value of derivative liabilities against the fair value of derivative assets on its financial statements, nor does it offset the fair value of derivative instruments against the right to reclaim or obligation to return collateral. The following table summarizes the fair value of the fund's derivative instruments held as of June 30, 2022, and the related location on the accompanying Statement of Assets and Liabilities, presented by primary underlying risk exposure:

(\$000s)	Location on Statement of Assets and Liabilities	Fair Value*
Assets		
nterest rate derivatives	Futures	\$ 10
Credit derivatives	Bilateral Swaps and Premiums	 9
īotal		\$ 19
iabilities		
nterest rate derivatives	Futures	\$ 250
Credit derivatives	Bilateral Swaps and Premiums	 52
Total		\$ 302

* The fair value presented includes cumulative gain (loss) on open futures contracts; however, the value reflected on the accompanying Statement of Assets and Liabilities is only the unsettled variation margin receivable (payable) at that date.

Additionally, the amount of gains and losses on derivative instruments recognized in fund earnings during the six months ended June 30, 2022, and the related location on the accompanying Statement of Operations is summarized in the following table by primary underlying risk exposure:

(\$000s)	Location of Gain (Loss) on Statement of Operations			
		Futures	Swaps	Total
Realized Gain (Loss)				
Interest rate derivatives		\$ (368)	\$ _	\$ (368)
Credit derivatives		 _	 16	 16
Total		\$ (368)	\$ 16	\$ (352)
Change in Unrealized Gain (Loss)				
Interest rate derivatives		\$ (183)	\$ _	\$ (183)
Credit derivatives		 _	 (1)	 (1)
Total		\$ (183)	\$ (1)	\$ (184)

Counterparty Risk and Collateral The fund invests in derivatives in various markets, which expose it to differing levels of counterparty risk. Counterparty risk on exchange-traded and centrally cleared derivative contracts, such as futures, exchange-traded options, and centrally cleared swaps, is minimal because the clearinghouse provides protection against counterparty defaults. For futures and centrally cleared swaps, the fund is required to deposit collateral in an amount specified by the clearinghouse and the clearing firm (margin requirement), and the margin requirement must be maintained over the life of the contract. Each clearinghouse and clearing firm, in its sole discretion, may adjust the margin requirements applicable to the fund.

Derivatives, such as bilateral swaps, forward currency exchange contracts, and OTC options, that are transacted and settle directly with a counterparty (bilateral derivatives) may expose the fund to greater counterparty risk. To mitigate this risk, the fund has entered into master netting arrangements (MNAs) with certain counterparties that permit net settlement under specified conditions and, for certain counterparties, also require the exchange of collateral to cover mark-to-market exposure. MNAs may be in the form of International Swaps and Derivatives Association master agreements (ISDAs) or foreign exchange letter agreements (FX letters).

MNAs provide the ability to offset amounts the fund owes a counterparty against amounts the counterparty owes the fund (net settlement). Both ISDAs and FX letters generally allow termination of transactions and net settlement upon the occurrence of contractually specified events, such as failure to pay or bankruptcy. In addition, ISDAs specify other events, the occurrence of which would allow one of the parties to terminate. For example, a downgrade in credit rating of a counterparty below a specified rating would allow the fund to terminate, while a decline in the fund's net assets of more than a specified percentage would allow the counterparty to terminate. Upon termination, all transactions with that counterparty would be liquidated and a net termination amount settled. ISDAs typically include collateral agreements whereas FX letters do not. Collateral requirements are determined daily based on the net aggregate unrealized gain or loss on all bilateral derivatives with a counterparty, subject to minimum transfer amounts that typically range from \$100,000 to \$250,000. Any additional collateral required due to changes in security values is typically transferred the next business day.

Collateral may be in the form of cash or debt securities issued by the U.S. government or related agencies, although other securities may be used depending on the terms outlined in the applicable MNA. Cash posted by the fund is reflected as cash deposits in the accompanying financial statements and generally is restricted from withdrawal by the fund; securities posted by the fund are so noted in the accompanying Portfolio of Investments; both remain in the fund's assets. Collateral pledged by counterparties is not included in the fund's assets because the fund does not obtain effective control over those assets. For bilateral derivatives, collateral posted or received by the fund is held in a segregated account at the fund's custodian. While typically not sold in the same manner as equity or fixed income securities, exchange-traded or centrally cleared derivatives may be closed out only on the exchange or clearinghouse where the contracts were cleared, and OTC and bilateral derivatives may be unwound with counterparties or transactions assigned to other counterparties to allow the fund to exit the transaction. This ability is subject to the liquidity of underlying positions. As of June 30, 2022, no collateral was pledged by either the fund or counterparties for bilateral derivatives. As of June 30, 2022, securities valued at \$210,000 had been posted by the fund for exchange-traded and/or centrally cleared derivatives.

Futures Contracts The fund is subject to interest rate risk in the normal course of pursuing its investment objectives and uses futures contracts to help manage such risk. The fund may enter into futures contracts to manage exposure to interest rate and yield curve movements, security prices, foreign currencies, credit quality, and mortgage prepayments; as an efficient means of adjusting exposure to all or part of a target market; to enhance income; as a cash management tool; or to adjust portfolio duration and credit exposure. A futures contract provides for the future sale by one party and purchase by another of a specified amount of a specific underlying financial instrument at an agreed-upon price, date, time, and place. The fund currently invests only in exchange-traded futures, which generally are standardized as to maturity date, underlying financial instrument, and other contract terms. Payments are made or received by the fund each day to settle daily fluctuations in the value of the contract (variation margin), which reflect changes in the value of the underlying financial instrument. Variation margin is recorded as unrealized gain or loss until the contract is closed. The value of a futures contract included in net assets is the amount of unsettled variation margin; net variation margin receivable is reflected as a liability on the accompanying Statement of Assets and Liabilities. Risks related to the use of futures contracts include possible illiquidity of the futures markets, contract prices that can be highly volatile and imperfectly correlated to movements in hedged security values and/or interest rates, and potential losses in excess of the fund's initial investment. During the six months ended June 30, 2022, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between 12% and 26% of net assets.

Swaps The fund is subject to credit risk in the normal course of pursuing its investment objectives and uses swap contracts to help manage such risk. The fund may use swaps in an effort to manage both long and short exposure to changes in interest rates, inflation rates, and credit quality; to adjust overall exposure to certain markets; to enhance total return or protect the value of portfolio securities; to serve as a cash management tool; or to adjust portfolio duration and credit exposure. Swap agreements can be settled either directly with the counterparty (bilateral swap) or through a central clearinghouse (centrally cleared swap). Fluctuations in the fair value of a contract are reflected in unrealized gain or loss and are reclassified to realized gain or loss upon contract termination or cash settlement. Net periodic receipts or payments required by a contract increase or decrease, respectively, the value of the contract until the contractual payment date, at which time such amounts are reclassified from unrealized to realized gain or loss. For bilateral swaps,

cash payments are made or received by the fund on a periodic basis in accordance with contract terms; unrealized gain on contracts and premiums paid are reflected as assets and unrealized loss on contracts and premiums received are reflected as liabilities on the accompanying Statement of Assets and Liabilities. For bilateral swaps, premiums paid or received are amortized over the life of the swap and are recognized as realized gain or loss in the Statement of Operations. For centrally cleared swaps, payments are made or received by the fund each day to settle the daily fluctuation in the value of the contract (variation margin). Accordingly, the value of a centrally cleared swap included in net assets is the unsettled variation margin; net variation margin receivable is reflected as an asset and net variation margin payable is reflected as a liability on the accompanying Statement of Assets and Liabilities.

Credit default swaps are agreements where one party (the protection buyer) agrees to make periodic payments to another party (the protection seller) in exchange for protection against specified credit events, such as certain defaults and bankruptcies related to an underlying credit instrument, or issuer or index of such instruments. Upon occurrence of a specified credit event, the protection seller is required to pay the buyer the difference between the notional amount of the swap and the value of the underlying credit, either in the form of a net cash settlement or by paying the gross notional amount and accepting delivery of the relevant underlying securities included in the index and will be settled based upon the relative weighting of the affected underlying security(ies) within the index. Generally, the payment risk for the seller of protection is inversely related to the current market price or credit rating of the underlying credit quality. As of June 30, 2022, the notional amount of protection sold by the fund totaled \$2,250,000 (1.3% of net assets), which reflects the maximum potential amount the fund could be required to pay under such contracts. Risks related to the use of credit default swaps include the possible inability of the fund to accurately assess the current and future creditworthiness of underlying issuers, the possible failure of a counterparty to perform in accordance with the terms of the swap agreements, potential government regulation that could adversely affect the fund's initial investment.

During the six months ended June 30, 2022, the volume of the fund's activity in swaps, based on underlying notional amounts, was generally between 3% and 4% of net assets.

NOTE 4 - OTHER INVESTMENT TRANSACTIONS

Consistent with its investment objective, the fund engages in the following practices to manage exposure to certain risks and/or to enhance performance. The investment objective, policies, program, and risk factors of the fund are described more fully in the fund's prospectus and Statement of Additional Information.

Restricted Securities The fund invests in securities that are subject to legal or contractual restrictions on resale. Prompt sale of such securities at an acceptable price may be difficult and may involve substantial delays and additional costs.

Collateralized Loan Obligations The fund invests in collateralized loan obligations (CLOs) which are entities backed by a diversified pool of syndicated bank loans. The cash flows of the CLO can be split into multiple segments, called "tranches" or "classes", which will vary in risk profile and yield. The riskiest segments, which are the subordinate or "equity" tranches, bear the greatest risk of loss from defaults in the underlying assets of the CLO and serve to protect the other, more senior, tranches. Senior tranches will typically have higher credit ratings and lower yields than the securities underlying the CLO. Despite the protection from the more junior tranches, senior tranches can experience substantial losses.

Mortgage-Backed Securities The fund invests in mortgage-backed securities (MBS or pass-through certificates) that represent an interest in a pool of specific underlying mortgage loans and entitle the fund to the periodic payments of principal and interest from those mortgages. MBS may be issued by government agencies or corporations, or private issuers. Most MBS issued by government agencies are guaranteed; however, the degree of protection differs based on the issuer. MBS are sensitive to changes in economic conditions that affect the rate of prepayments and defaults on the underlying mortgages; accordingly, the value, income, and related cash flows from MBS may be more volatile than other debt instruments.

TBA Purchase, Sale Commitments and Forward Settling Mortgage Obligations The fund enters into to-be-announced (TBA) purchase or sale commitments (collectively, TBA transactions), pursuant to which it agrees to purchase or sell, respectively, mortgage-backed securities for a fixed unit price, with payment and delivery at a scheduled future date beyond the customary settlement period for such securities. With TBA transactions, the particular securities to be received or delivered by the fund are not identified at the trade date; however, the securities must meet specified terms, including rate and mortgage term, and be within industry-accepted

"good delivery" standards. The fund may enter into TBA transactions with the intention of taking possession of or relinquishing the underlying securities, may elect to extend the settlement by "rolling" the transaction, and/or may use TBA transactions to gain or reduce interim exposure to underlying securities. Until settlement, the fund maintains liquid assets sufficient to settle its commitment to purchase a TBA or, in the case of a sale commitment, the fund maintains an entitlement to the security to be sold.

To mitigate counterparty risk, the fund has entered into Master Securities Forward Transaction Agreements (MSFTA) with counterparties that provide for collateral and the right to offset amounts due to or from those counterparties under specified conditions. Subject to minimum transfer amounts, collateral requirements are determined and transfers made based on the net aggregate unrealized gain or loss on all TBA commitments and other forward settling mortgage obligations with a particular counterparty (collectively, MSFTA Transactions). At any time, the fund's risk of loss from a particular counterparty related to its MSFTA Transactions is the aggregate unrealized gain on appreciated MSFTA Transactions in excess of unrealized loss on depreciated MSFTA Transactions and collateral received, if any, from such counterparty. As of June 30, 2022, no collateral was pledged by the fund or counterparties for MSFTA Transactions.

LIBOR Transition The fund may invest in instruments that are tied to reference rates, including LIBOR. Over the course of the last several years, global regulators have indicated an intent to phase out the use of LIBOR and similar interbank offered rates (IBOR). While publication for most LIBOR currencies and lesser-used USD LIBOR settings ceased immediately after December 31, 2021, remaining USD LIBOR settings will continue to be published until June 30, 2023. There remains uncertainty regarding the future utilization of LIBOR and the nature of any replacement rate. Any potential effects of the transition away from LIBOR on the fund, or on certain instruments in which the fund invests, cannot yet be determined. The transition process may result in, among other things, an increase in volatility or illiquidity of markets for instruments that currently rely on LIBOR, a reduction in the value of certain instruments held by the fund, or a reduction in the effectiveness of related fund transactions such as hedges. Any such effects could have an adverse impact on the fund's performance.

Securities Lending The fund may lend its securities to approved borrowers to earn additional income. Its securities lending activities are administered by a lending agent in accordance with a securities lending agreement. Security loans generally do not have stated maturity dates, and the fund may recall a security at any time. The fund receives collateral in the form of cash or U.S. government securities. Collateral is maintained over the life of the loan in an amount not less than the value of loaned securities; any additional collateral required due to changes in security values is delivered to the fund the next business day. Cash collateral is invested in accordance with investment guidelines approved by fund management. Additionally, the lending agent indemnifies the fund against losses resulting from borrower default. Although risk is mitigated by the collateral and indemnification, the fund could experience a delay in recovering its securities and a possible loss of income or value if the borrower fails to return the securities, collateral investments decline in value, and the lending agent fails to perform. Securities lending revenue consists of earnings on invested collateral and borrowing fees, net of any rebates to the borrower, compensation to the lending agent, and other administrative costs. In accordance with GAAP, investments made with cash collateral are reflected in the accompanying financial statements, but collateral received in the form of securities is not. At June 30, 2022, the value of loaned securities was \$3,782,000; the value of cash collateral and related investments was \$3,865,000.

Other Purchases and sales of portfolio securities other than short-term and U.S. government securities aggregated \$36,831,000 and \$34,154,000, respectively, for the six months ended June 30, 2022. Purchases and sales of U.S. government securities aggregated \$60,363,000 and \$61,813,000, respectively, for the six months ended June 30, 2022.

NOTE 5 - FEDERAL INCOME TAXES

No provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report. The fund intends to retain realized gains to the extent of available capital loss carryforwards. Net realized capital losses may be carried forward indefinitely to offset future realized capital gains. As of December 31, 2021, the fund had \$78,000 of available capital loss carryforwards.

At June 30, 2022, the cost of investments for federal income tax purposes was \$196,732,000. Net unrealized loss aggregated \$6,611,000 at period-end, of which \$130,000 related to appreciated investments and \$6,741,000 related to depreciated investments.

NOTE 6 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). Price Associates has entered into a sub-advisory agreement(s) with one or more of its wholly owned subsidiaries, to provide investment advisory services to the fund. The investment management and administrative agreement between the fund and Price Associates provides for an all-inclusive annual fee equal to 0.70% of the fund's average daily net assets. The fee is computed daily and paid monthly. The all-inclusive fee covers investment management services and ordinary, recurring operating expenses but does not cover interest expense; expenses related to borrowing, taxes, and brokerage; or nonrecurring expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2023 to waive a portion of its management fee in order to limit the fund's management fee to 0.50% of the fund's average daily net assets. Thereafter, this agreement automatically renews for one-year terms unless terminated or modified by the fund's Board. Fees waived and expenses paid under this agreement are not subject to reimbursement to Price Associates by the fund. The total management fees waived were \$182,000 and allocated ratably in the amounts of \$165,000 and \$17,000 for the Limited-Term Bond Portfolio Class and Limited-Term Bond Portfolio-II Class, respectively, for the six months ended June 30, 2022.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds, or the T. Rowe Price Short-Term Fund, a short-term bond fund (collectively, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund; prior to December 13, 2021, the cash collateral from securities lending was invested in the T. Rowe Price Short-Term Fund. The Price Reserve Funds pay no investment management fees.

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended June 30, 2022, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

NOTE 7 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war, terrorism, pandemics, outbreaks of infectious diseases, and similar public health threats may significantly affect the economy and the markets and issuers in which a fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks. Since 2020, a novel strain of coronavirus (COVID-19) has resulted in disruptions to global business activity and caused significant volatility and declines in global financial markets. In February 2022, Russian forces entered Ukraine and commenced an armed conflict leading to economic sanctions being imposed on Russia and certain of its citizens, creating impacts on Russian-related stocks and debt and greater volatility in global markets. These are recent examples of global events which may have an impact on the fund's performance, which could be negatively impacted if the value of a portfolio holding were harmed by these and such other events. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

https://www.troweprice.com/corporate/us/en/utility/policies.html

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on **troweprice.com**.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENT

Approval of New Subadvisory Agreement

At a meeting held on February 2, 2022 (February 2022 Meeting), the fund's Board of Directors (Board) considered the initial approval of a new investment subadvisory agreement (Subadvisory Contract) that the fund's investment adviser, T. Rowe Price Associates, Inc. (Adviser), entered into with T. Rowe Price Hong Kong Limited (Subadviser) on behalf of the fund. The Subadvisory Contract authorizes the Subadviser to have investment discretion with respect to all or a portion of the fund's portfolio. The Board noted that the Subadvisory Contract will be substantially similar to other subadvisory agreements that are in place for other T. Rowe Price funds that delegate investment management responsibilities to affiliated investment advisers and that Adviser will retain oversight responsibilities with respect to the fund. The Board also noted that the new subadvisory arrangement will not change the total advisory fees paid by the fund. However, under the Subadvisory Contract, the Adviser may pay the Subadviser up to 60% of the advisory fees that the Adviser receives from the fund.

At the February 2022 Meeting, the Board reviewed materials relevant to its consideration of the proposed Subadvisory Contract. Each year, the Board considers the continuation of the investment management agreement (Advisory Contract) between the fund and its Adviser. At the time of the February 2022 Meeting, the fund's Advisory Contract had most recently been approved by the Board at a meeting held on March 8–9, 2021 (March 2021 Meeting). The factors considered by the Board at the February 2022 Meeting in connection with approval of the proposed Subadvisory Contract, were substantially similar to the factors considered at the March 2021 Meeting in connection with the approval to continue the Advisory Contract. A discussion of the basis for the Board's approval of the Advisory Contract at the March 2021 Meeting had been included in the fund's semiannual shareholder report for the period ended June 30, 2021.

Following discussion at the February 2022 Meeting, the Board, including all of the fund's independent directors, approved the Subadvisory Contract between the Adviser and Subadviser on behalf of the fund. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the Subadvisory Contract effective February 3, 2022, with the initial term extending through April 30, 2024. The independent directors were assisted in their evaluation of the Subadvisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

Continuation of Investment Management Agreement

At a meeting held on March 7–8, 2022 (March 2022 Meeting), the fund's Board considered the continuation of the Advisory Contract in between the fund and its Adviser. At the March 2022 Meeting, the Board did not consider the continuation of the Subadvisory Contract in place on behalf of the fund since that agreement was recently approved at the February 2022 Meeting and does not expire until April 30, 2024. At the March 2022 Meeting, the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract. The Board considered the factors and reached the conclusions described below relating to the selection of the Advisory and the approval of the Advisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

In providing information to the Board, the Adviser was guided by a detailed set of requests for information submitted by independent legal counsel on behalf of the independent directors. In considering and approving the Advisory Contract, the Board considered the information it believed was relevant, including, but not limited to, the information discussed below. The Board considered not only the specific information presented in connection with the March 2022 Meeting but also the knowledge gained over time through interaction with the Adviser about various topics. The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the T. Rowe Price funds' advisory contracts, including performance and the services and support provided to the funds and their shareholders.

Services Provided by Adviser

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser. These services included, but were not limited to, directing the fund's investments in accordance with its investment program and the overall management of the fund's portfolio, as well as a variety of related activities such as financial, investment operations, and administrative services; compliance; maintaining the fund's records and registrations; and shareholder communications. The Board also reviewed the background and experience of the Adviser's senior management team and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board concluded that it was satisfied with the nature, quality, and extent of the services provided by the Adviser.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENT (CONTINUED)

Investment Performance of the Fund

The Board took into account discussions with the Adviser and reports that it receives throughout the year relating to fund performance. In connection with the March 2022 Meeting, the Board reviewed the fund's total returns for various periods through December 31, 2021, and compared these returns with the performance of a peer group of funds with similar investment programs and a wide variety of other previously agreed-upon comparable performance measures and market data, including relative performance information as of September 30, 2021, supplied by Broadridge, which is an independent provider of mutual fund data.

On the basis of this evaluation and the Board's ongoing review of investment results, and factoring in the relative market conditions during certain of the performance periods, the Board concluded that the fund's performance was satisfactory.

Costs, Benefits, Profits, and Economies of Scale

The Board reviewed detailed information regarding the revenues received by the Adviser under the Advisory Contract and other direct and indirect benefits that the Adviser (and its affiliates) may have realized from its relationship with the fund. In considering soft-dollar arrangements pursuant to which research may be received from broker-dealers that execute the fund's portfolio transactions, the Board noted that the Adviser bears the cost of research services for all client accounts that it advises, including the T. Rowe Price funds. The Board received information on the estimated costs incurred and profits realized by the Adviser from managing the T. Rowe Price funds. The Board also reviewed estimates of the profits realized from managing the fund in particular, and the Board concluded that the Adviser's profits were reasonable in light of the services provided to the fund.

The Board also considered whether the fund benefits under the fee levels set forth in the Advisory Contract or otherwise from any economies of scale realized by the Adviser. Under the Advisory Contract, the fund pays the Adviser a single fee, or all-inclusive management fee, which is based on the fund's average daily net assets. The all-inclusive management fee includes investment management services and provides for the Adviser to pay all of the fund's ordinary, recurring operating expenses except for interest, taxes, portfolio transaction fees, and any nonrecurring extraordinary expenses that may arise. However, the fund has a contractual limitation in place whereby the Adviser has agreed to waive a portion of the management fee it is entitled to receive from the fund in order to limit the fund's overall management fee rate to 0.50% of the fund's average daily net assets. Any fees waived under this management fee waiver agreement are not subject to reimbursement to the Adviser by the fund. The Adviser has generally implemented an all-inclusive management fee structure in situations where a fixed total expense ratio is useful for purposes of providing certainty of fees and expenses for the investors in these funds and has historically sought to set the initial all-inclusive management fee rate at levels below the expense ratios of comparable funds to take into account potential future economies of scale. Because the fund serves as an underlying option to variable annuity products, the all-inclusive fee structure is utilized to create certainty for the annuity providers' overall pricing decisions and disclosures. Assets of the fund are included in the calculation of the group fee rate, which serves as a component of the management fee for many T. Rowe Price funds and declines at certain asset levels based on the combined average net assets of most of the T. Rowe Price funds (including the fund). Although the fund does not have a group fee component to its management fee, its assets are included in the calculation because certain resources utilized to operate the fund are shared with other T. Rowe Price funds. The Board concluded that, based on the profitability data it reviewed and consistent with this all-inclusive management fee structure, the advisory fee structure for the fund continued to be appropriate.

Fees and Expenses

The Board was provided with information regarding industry trends in management fees and expenses. Among other things, the Board reviewed data for peer groups that were compiled by Broadridge, which compared: (i) contractual management fees, actual management fees, nonmanagement expenses, and total expenses of the fund with a group of competitor funds selected by Broadridge (Expense Group) and (ii) actual management fees, nonmanagement expenses, and total expenses of the fund with a broader set of funds within the Lipper investment classification (Expense Universe). The Board considered the fund's contractual management fee rate, actual management fee rate, and total expenses (all of which generally reflect the all-inclusive management fee rate and do not deduct the operating expenses paid by the Adviser as part of the overall management fee) in comparison with the information for the Broadridge peer groups. Broadridge generally constructed the peer groups by seeking the most comparable funds based on similar investment classifications and objectives, expense structure, asset size, and operating components and attributes and ranked funds into quintiles, with the first quintile representing the fund's with the highest relative expenses. The information provided to the Board indicated that the fund's contractual management fee ranked in the fifth quintile (Expense Group) and fourth quintile (Expense Universe), and the fund's total expenses ranked in the fourth quintile (Expense Group) and fourth quintile (Expense Universe).

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENT (CONTINUED)

Management provided the Board with additional information with respect to the fund's relative management fees and total expenses ranking in the fourth and fifth quintiles and reviewed and considered the information provided relating to the fund, other funds in the peer groups, and other factors that the Board determined to be relevant.

The Board also reviewed the fee schedules for other investment portfolios with similar mandates that are advised or subadvised by the Adviser and its affiliates, including separately managed accounts for institutional and individual investors; subadvised funds; and other sponsored investment portfolios, including collective investment trusts and pooled vehicles organized and offered to investors outside the United States. Management provided the Board with information about the Adviser's responsibilities and services provided to subadvisory and other institutional account clients, including information about how the requirements and economics of the institutional business are fundamentally different from those of the proprietary mutual fund business. The Board considered information showing that the Adviser's mutual fund business is generally more complex from a business and compliance perspective than its institutional account business and considered various relevant factors, such as the broader scope of operations and oversight, more extensive shareholder communication infrastructure, greater asset flows, heightened business risks, and differences in applicable laws and regulations associated with the Adviser's proprietary mutual fund business. In assessing the reasonableness of the fund's management fee rate, the Board considered the differences in the nature of the services required for the Adviser to manage its mutual fund business versus managing a discrete pool of assets as a subadviser to another institution's mutual fund or for an institutional account and that the Adviser generally performs significant additional services and assumes greater risk in managing the fund and other T. Rowe Price funds than it does for institutional account clients, including subadvised funds.

On the basis of the information provided and the factors considered, the Board concluded that the fees paid by the fund under the Advisory Contract are reasonable.

Approval of the Advisory Contract

As noted, at the March 2022 Meeting, the Board approved the continuation of the Advisory Contract. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the continuation of the Advisory Contract (including the fees to be charged for services thereunder).

This page intentionally left blank.

This page intentionally left blank.

T.RowePrice®

100 East Pratt Street Baltimore, MD 21202

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

T.RowePrice®



SEMIANNUAL REPORT

June 30, 2022

T. ROWE PRICE

Mid-Cap Growth Portfolio

For more insights from T. Rowe Price investment professionals, go to **troweprice.com**.

HIGHLIGHTS

- The Mid-Cap Growth Portfolio outperformed the Russell Midcap Growth Index for the six months ended June 30, 2022. Our valuation
 discipline provided support as markets drastically reversed course from the record highs reached in 2021.
- On a relative basis, the health care sector contributed the most to performance, followed by industrials and business services and information technology. Energy was the only meaningful detractor due to our underweight allocation.
- The massive and indiscriminate sell-off in growth stocks afforded the opportunity to upgrade the portfolio with high-conviction, quality companies. Despite the significant multiple contraction in growth-at-any-price names, our focus remains on profitable companies with durable growth prospects.
- We continue to see parallels to the late stages of the 1999–2000 tech bubble, with pockets of excess that have not fully unwound. Regardless of the macroeconomic environment, we remain committed to our durable investment process, which has shown to be resilient over time.

Go Paperless

Sign up for e-delivery of your statements, confirmations, and prospectuses or shareholder reports.

(→) TO ENROLL:

If you invest directly with T. Rowe Price, go to **troweprice.com/paperless**.

If you invest through an investment advisor, a bank, or a brokerage firm, please contact that organization and ask if it can provide electronic documentation. **It's fast**—receive your statements and confirmations faster than U.S. mail.

It's convenient—access your important account documents whenever you need them.

It's secure—we protect your online accounts using "True Identity" to confirm new accounts and make verification faster and more secure.

It can save you money—where applicable, T. Rowe Price passes on the cost savings to fund holders.*

Log in to your account at **troweprice.com** for more information.

*Certain mutual fund accounts that are assessed an annual account service fee can also save money by switching to e-delivery.

Market Commentary

Dear Investor

Major stock and bond indexes produced sharply negative results during the first half of 2022 as investors contended with persistently high inflation, tightening financial conditions, and slowing growth.

After reaching an all-time high on January 3, the S&P 500 Index finished the period down about 20%, the worst first half of a calendar year for the index since 1970. Double-digit losses were common in equity markets around the globe, and bond investors also faced a historically tough environment amid a sharp rise in interest rates.

Value shares outperformed growth stocks as equity investors turned risk averse and rising rates put downward pressure on growth stock valuations. Emerging markets stocks held up somewhat better than shares in developed markets due to the strong performance of some oil-exporting countries. Meanwhile, the U.S. dollar strengthened during the period, which weighed on returns for U.S. investors in international securities.

Within the S&P 500, energy was the only bright spot, gaining more than 30% as oil prices jumped in response to Russia's invasion of Ukraine and the ensuing commodity supply crunch. Typically defensive shares, such as utilities, consumer staples, and health care, finished in negative territory but held up relatively well. The consumer discretionary, communication services, and information technology sectors were the weakest performers. Shares of some major retailers fell sharply following earnings misses driven in part by overstocked inventories.

Inflation remained the leading concern for investors throughout the period. Despite hopes in 2021 that the problem was transitory, and later expectations that inflation would peak in the spring, headline consumer prices continued to grind higher throughout the first half of 2022. The war in Ukraine exacerbated already existing supply chain problems, and other factors, such as the impact of the fiscal and monetary stimulus enacted during the pandemic and strong consumer demand, also pushed prices higher. The May consumer price index report (the last to be issued during our reporting period) showed prices increasing 8.6% over the 12-month period, the largest jump since late 1981.

In response, the Federal Reserve, which at the end of 2021 had forecast that only three 25-basis-point (0.25 percentage point) rate hikes would be necessary in all of 2022, rapidly shifted in a hawkish direction and executed three rate increases in the first six months of the year. The policy moves included hikes of 25, 50, and 75 basis points—the largest single increase since 1994—increasing the central bank's short-term lending benchmark from near zero to a target range of 1.50% to 1.75% by the end of June. In addition, the Fed ended the purchases of Treasuries and agency mortgage-backed securities that it had begun to support the economy early in the pandemic and started reducing its balance sheet in June.

Longer-term bond yields also increased considerably as the Fed tightened monetary policy, with the yield on the benchmark 10-year U.S. Treasury note reaching 3.49% on June 14, its highest level in more than a decade. (Bond prices and yields move in opposite directions.) Higher mortgage rates led to signs of cooling in the housing market.

The economy continued to add jobs during the period, and other indicators pointed to a slowing but still expanding economy. However, the University of Michigan consumer sentiment index dropped in June to its lowest level since records began in 1978 as higher inflation expectations undermined confidence.

Looking ahead, investors are likely to remain focused on whether the Fed can tame inflation without sending the economy into recession, a backdrop that could produce continued volatility. We believe this environment makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to identify companies that can add value to your portfolio over the long term.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert fr. Shanfor

Robert Sharps CEO and President

INVESTMENT OBJECTIVE

The fund seeks to provide long-term capital appreciation by investing in mid-cap stocks with potential for above-average earnings growth.

FUND COMMENTARY

How did the fund perform in the past six months?

The Mid-Cap Growth Portfolio returned -25.44% for the six months ended June 30, 2022. The fund outperformed the Russell Midcap Growth Index, which returned -31.00%, and the return of its peer group, the Lipper Variable Annuity Underlying Mid-Cap Growth Funds Average, which fell 30.27. (Returns for the Mid-Cap Growth Portfolio–II varied slightly due to its different fee structure. *Past performance cannot guarantee future results.*)

PERFORMANCE COMPARISON	
Six-Month Period Ended 6/30/22	Total Return
Mid-Cap Growth Portfolio	-25.44%
Mid-Cap Growth Portfolio-II	-25.53
Russell Midcap Growth Index	-31.00
Lipper Variable Annuity Underlying Mid-Cap Growth	
Funds Average	-30.27

What factors influenced the fund's performance?

It was a dismal period for growth stocks, with the year-to-date period marking the worst start to a year for the Russell Midcap Growth Index since its inception in 1985. All sectors within the index declined with the exception of energy. Our strategy performed as expected in this challenging environment, with our valuation-conscious approach delivering downside support. Relative outperformance was driven by holdings within health care, industrials and business services, and information technology. Energy was the only sector to meaningfully detract from relative results due to an underweight allocation.

Stock selection in health care was especially strong. Hologic, a medical technology company focused on women's health and screening, detection, and treatment products, held up better than sector peers. We have a favorable long-term view of the company. COVID-19 testing has accelerated the placement of Hologic's diagnostic testing machines in many medical facilities, enabling the processing of the company's other diagnostic offerings as well. Additionally, we believe the market is overlooking the strength of Hologic's core women's health business, which we expect to remain a meaningful driver of future growth. Shares of Acadia Healthcare, an operator of behavioral health care inpatient and outpatient facilities, were boosted by optimistic guidance despite cost and labor headwinds. The company has reported growth across its business segments. Acadia operates in an attractive industry, supported by strong demand for behavioral health sciences. The company has executed well to meet that demand, accelerating growth via joint ventures and acquisitions while maintaining a high level of quality, in our view. (Please refer to the portfolio of investments for a complete list of holdings and the amount each represents in the portfolio.)

Stock choices in industrials and business services also boosted relative performance. Textron is an industrial conglomerate and the manufacturer of Bell helicopters, Cessna business jets, and other specialized vehicles. Shares pulled back, but the company still outperformed the overall sector. Textron has a strong balance sheet, leverage to U.S. military upgrade cycles, and an updated line of business jets. BWX Technologies is a manufacturer of naval nuclear reactors for U.S. submarines and aircraft carriers. Shares climbed amid solid quarterly results and the announcement of an acquisition that should enhance its core marine propulsion business. The company was awarded two lucrative contracts in the period, one with the U.S. Navy and another with the U.S. Department of Defense.

Within information technology, both stock selection and an underweight allocation added value. Many of the benchmark's aggressive, growth-at-any-price holdings in software and information technology services sold off sharply. Our holding in FleetCor Technologies, a global provider of specialized payment products and commercial payment solutions, held up relatively well despite exhibiting volatility related to its exposure to Russia. The company exceeded consensus expectations in the past two quarters, with notably strong performance in the fuel segment, which benefits from higher prices. We like FleetCor's ability to leverage its virtual card and cross-border payments businesses to improve monetization.

On the negative side, our underweight allocation to the energy sector, which benefited from elevated oil prices, detracted from relative results.

How is the fund positioned?

The massive and indiscriminate sell-off in growth stocks afforded the opportunity to upgrade the portfolio with highconviction, quality companies. Despite the significant multiple contraction in growth-at-any-price names, our focus remains on profitable companies with durable growth prospects. We found compelling opportunities within software, an area especially hard hit by market volatility. We also added exposure to the energy sector, though we remain underweight the benchmark allocation. We exited holdings in which our conviction has waned and redeployed funds into new ideas and preferred existing positions.

Within information technology, we added a new position in Synopsys, a large and fast-growing electronic design automation company with a dominant position in digital design. The company also provides intellectual property and software integrity products. As a supplier of critical software to the semiconductor industry, Synopsys benefits from a favorable semiconductor industry backdrop but generally does not experience the same level of volatility as semiconductor names. We believe the company will reap the benefits of scale in an oligopolistic industry with accelerating fundamentals. We increased our holding in The Trade Desk, the world's largest independent demand-side platform (DSP); advertisers use the company's software platform to programmatically purchase ad inventory across different channels (display, video, in app) and devices. Within the massive programmatic advertising market, we believe that The Trade Desk should continue to grow its market share as the DSP industry becomes a two-horse race between itself and Google. On the sale side, we exited Entegris, a leading provider of semiconductor chemicals and materials with dominant positions in attractive niches of the market such as filtration. We maintain a favorable long-term view but believe that near-term challenges of rising capital expenditures for the company's new Taiwan facility and the integration of recently acquired CMC Materials may limit gains over the next year. We also reallocated capital from human capital management firm Ceridian HCM, which has been pressured by operational missteps, into a new position in Paylocity, a higher-conviction name in the space.

We added exposure to energy via names in oil, gas, and consumable fuels that we believe to be quality companies with attractive acreage and the ability to cushion any sector headwinds. We initiated a position in Pioneer Natural Resources, a U.S.-based exploration and production company that owns high-quality, contiguous acreage in the Permian Basin. We favor the company for its inventory advantage and leading cost structure. We anticipate disciplined growth, reduced leverage, and the return of excess cash to shareholders. We also added a position in Cheniere Energy, a U.S.-based energy company focused on liquid natural gas-related businesses. We believe the company will benefit from higher international gas prices, given strong demand exacerbated by the European Union's desire to replace Russian-sourced natural gas.

SECTOR DIVERSIFICATION

	Percent of I 12/31/21	Percent of Net Assets 12/31/21 6/30/22				
Health Care	24.4%	27.0%				
Information Technology	21.0	20.7				
Industrials and Business Services	17.3	16.7				
Consumer Discretionary	16.3	12.7				
Materials	6.0	6.3				
Financials	6.1	5.9				
Consumer Staples	2.3	2.4				
Communication Services	3.0	2.1				
Energy	0.1	1.7				
Utilities	0.3	0.0				
Real Estate	0.1	0.0				
Other and Reserves	3.1	4.5				
Total	100.0%	100.0%				

Historical weightings reflect current industry/sector classifications.

What is portfolio management's outlook?

Major U.S. stock indexes declined considerably in the first half of 2022, as investors contemplated the ramifications of Russia's invasion of Ukraine, elevated inflation exacerbated by rising commodity prices, and Federal Reserve interest rate increases starting in mid-March. Investors were also concerned about inflation's impact on consumer spending and corporate profits, particularly as some high-profile companies and major retailers disappointed with their financial results or projections. We believe the outlook for U.S. equities remains nebulous, as many of these headwinds will persist. The Federal Reserve has restated its commitment to tackling inflation via raising rates and quantitative tightening, despite the potential hindrance to economic growth. We continue to see parallels to the late stages of the 1999-2000 tech bubble, and, as we stated in our annual letter, these corrections often do not proceed in a straight line. In our view, there are still pockets of excess that have not fully unwound.

Regardless of the macroeconomic environment, our focus remains on long-term outperformance. June 30 marked the 30-year anniversary of our sister Mid-Cap Growth Fund, led by portfolio manager Brian Berghuis since inception. In that time frame, the fund has returned 12.82% (annualized), outpacing the Russell Midcap Growth Index by 2.99% (annualized). We remain committed to our durable investment process, which has shown itself to be resilient over time. We continue to seek out reasonably valued equities with strong fundamental underpinnings and pay careful attention to risk and valuation relative to growth prospects. We believe this disciplined, time-tested approach will continue to serve clients well over the long term.

The views expressed reflect the opinions of T. Rowe Price as of the date of this report and are subject to change based on changes in market, economic, or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

RISKS OF INVESTING IN THE FUND

PRINCIPAL RISKS

As with any fund, there is no guarantee that the fund will achieve its objective(s). The fund's share price fluctuates, which means you could lose money by investing in the fund. The principal risks of investing in this fund, which may be even greater during periods of market disruption or volatility, are summarized as follows:

Market conditions. The value of the fund's investments may decrease, sometimes rapidly or unexpectedly, due to factors affecting an issuer held by the fund, particular industries, or the overall securities markets. A variety of factors can increase the volatility of the fund's holdings and markets generally, including political or regulatory developments, recessions, inflation, rapid interest rate changes, war or acts of terrorism, natural disasters, and outbreaks of infectious illnesses or other widespread public health issues. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others. These adverse developments may cause broad declines in market value due to short-term market movements or for significantly longer periods during more prolonged market downturns.

Mid-cap stocks. Investments in securities issued by mid-cap companies are likely to be more volatile than investments in securities issued by larger companies. Medium-sized companies may have less experienced management, narrower product lines, and less capital reserves and liquidity than larger companies and are therefore more sensitive to economic, market, and industry changes.

Growth investing. The fund's growth approach to investing could cause it to underperform other stock funds that employ a different investment style. Growth stocks tend to be more volatile than certain other types of stocks, and their prices may fluctuate more dramatically than the overall stock market. A stock with growth characteristics can have sharp price declines due to decreases in current or expected earnings and may lack dividends that can help cushion its share price in a declining market.

BENCHMARK INFORMATION

Note: Lipper, a Thomson Reuters Company, is the source for all Lipper content reflected in these materials. Copyright 2022 © Refinitiv. All rights reserved. Any copying, republication or redistribution of Lipper content is expressly prohibited without the prior written consent of Lipper. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Note: Frank Russell Company (Russell) is the source and owner of the Russell index data contained or reflected in these materials and all trademarks and copyrights related thereto. Russell® is a registered trademark of Russell. Russell is not responsible for the formatting or configuration of these materials or for any inaccuracy in T. Rowe Price Associates' presentation thereof.

TWENTY-FIVE LARGEST HOLDINGS

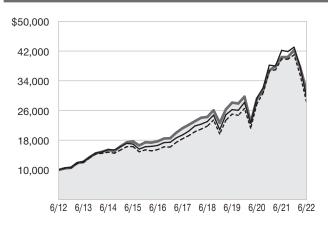
	Percent of Net Assets 6/30/22
Hologic	3.0%
Catalent	2.7
Textron	2.6
Microchip Technology	2.4
Ball	2.2
Ingersoll-Rand	2.1
Agilent Technologies	2.0
Teleflex	2.0
Fortinet	1.7
Marvell Technology	1.7
Dollar General	1.7
Avantor	1.6
Bruker	1.6
KLA	1.6
J.B. Hunt Transport Services	1.5
Cooper Companies	1.4
Veeva Systems	1.4
FleetCor Technologies	1.3
Keysight Technologies	1.3
Hilton Worldwide Holdings	1.3
Assurant	1.3
Acadia Healthcare	1.3
Burlington Stores	1.2
Avery Dennison	1.1
Sealed Air	1.1
Total	43.1%

Note: The information shown does not reflect any exchange-traded funds (ETFs), cash reserves, or collateral for securities lending that may be held in the portfolio.

GROWTH OF \$10,000

This chart shows the value of a hypothetical \$10,000 investment in the portfolio over the past 10 fiscal year periods or since inception (for portfolios lacking 10-year records). The result is compared with benchmarks, which include a broad-based market index and may also include a peer group average or index. Market indexes do not include expenses, which are deducted from portfolio returns as well as mutual fund averages and indexes.

MID-CAP GROWTH PORTFOLIO



_	Mid-Cap Growth Portfolio	\$31,512
—	Russell Midcap Growth Index	29,712
	Lipper Variable Annuity Underlying Mid-Cap Growth Funds Average	28,361

Note: Performance for the II Class will vary due to its differing fee structure. See the Average Annual Compound Total Return table.

AVERAGE ANNUAL COMPOUND TOTAL RETURN

Periods Ended 6/30/22	1 Year	5 Years	10 Years
Mid-Cap Growth Portfolio	-21.93%	8.23%	12.16%
Mid-Cap Growth Portfolio-II	-22.11	7.96	11.88

The fund's performance information represents only past performance and is not necessarily an indication of future results. Current performance may be lower or higher than the performance data cited. Share price, principal value, and return will vary, and you may have a gain or loss when you sell your shares. For the most recent month-end performance, please contact a T. Rowe Price representative at 1-800-469-6587 (financial advisors, or customers who have an advisor, should call 1-800-638-8790). Returns do not reflect taxes that the shareholder may pay on distributions or the redemption of shares. Total returns do not include charges imposed by your insurance company's separate account. If these had been included, performance would have been lower.

This table shows how the portfolio would have performed each year if its actual (or cumulative) returns for the periods shown had been earned at a constant rate. Average annual total return figures include changes in principal value, reinvested dividends, and capital gain distributions. When assessing performance, investors should consider both short- and long-term returns.

FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Shares of the fund are currently offered only through certain insurance companies as an investment medium for both variable annuity contracts and variable life insurance policies. Please note that the fund has two classes of shares: the original share class and the II Class. II Class shares are sold through financial intermediaries, which are compensated for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan.

Actual Expenses

As of 6/30/22

The first line of the following table (Actual) provides information about actual account values and actual expenses. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

FUND EXPENSE EXAMPLE (CONTINUED)

MID-CAP GROWTH PORTFOLIO							
	Beginning Account Value 1/1/22	Ending Account Value 6/30/22	Expenses Paid During Period* 1/1/22 to 6/30/22				
Mid-Cap Growth Portfolio Actual	\$1,000.00	\$745.60	\$3.64				
Hypothetical (assumes 5% return before expenses)	1,000.00	1,020.63	4.21				
Mid-Cap Growth Portfolio–II Actual	1,000.00	744.70	4.72				
Hypothetical (assumes 5% return before expenses)	1,000.00	1,019.39	5.46				

* Expenses are equal to the fund's annualized expense ratio for the 6-month period, multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (181), and divided by the days in the year (365) to reflect the half-year period. The annualized expense ratio of the Mid-Cap Growth Portfolio was 0.84%, and the Mid-Cap Growth Portfolio–II was 1.09%.

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Mid-Cap Growth Portfolio Class	6 Months Ended	Year Ended					
	6/30/22	12/31/21	12/31/20	-	12/31/19	12/31/18	12/31/17
NET ASSET VALUE							
Beginning of period	\$ 34.47	\$ 33.47	\$ 28.88	\$	23.70	\$ 28.25	\$ 25.57
Investment activities							
Net investment income (loss) ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	(0.05)	(0.14)	(0.05)		0.03	0.01	(0.04)
loss	(8.72)	4.98	6.92		7.36	(0.54)	6.39
Total from investment activities	 (8.77)	 4.84	 6.87		7.39	 (0.53)	 6.35
Distributions							
Net investment income	_	_	_		(0.04)	_	_
Net realized gain	_	(3.84)	(2.28)		(2.17)	(4.02)	(3.67)
Total distributions	 	 (3.84)	 (2.28)		(2.21)	 (4.02)	 (3.67)
NET ASSET VALUE							
End of period	\$ 25.70	\$ 34.47	\$ 33.47	\$	28.88	\$ 23.70	\$ 28.25
Ratios/Supplemental Data							
Total return ⁽²⁾⁽³⁾	 (25.44)%	 14.85%	 23.80%		31.29%	 (2.03)%	 24.77%
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/							
payments by Price Associates ⁽⁴⁾	0.85%(5)	0.85%	0.85%		0.85%	0.85%	0.85%
Net expenses after waivers/	 	 	 			 	
payments by Price Associates	0.84%(5)	0.84%	0.84%		0.84%	0.85%	0.85%
Net investment income (loss)	 (0.33)%(5)	 (0.39)%	 (0.18)%		0.12%	 0.05%	 (0.13)%
Portfolio turnover rate Net assets, end of period (in	 10.5%	 18.8%	 26.1%		22.1%	 24.6%	 24.7%
thousands)	\$ 416,875	\$ 576,739	\$ 536,629	\$	474,038	\$ 379,884	\$ 411,412

 $^{\scriptscriptstyle (1)}$ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

(4) See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.
 (5) Annualized

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Mid-Cap Growth Portfolio - II	
Class	

01855	6 Months Ended 6/30/22	Year Ended 12/31/21	12/31/20	12/31/19	12/31/18	12/31/17
NET ASSET VALUE Beginning of period	\$ 32.32	\$ 31.63	\$ 27.41	\$ 22.58	\$ 27.11	\$ 24.65
Investment activities Net investment loss ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	(0.08)	(0.22)	(0.12)	(0.03)	(0.06)	(0.11)
loss	(8.17)	4.70	6.55	7.00	(0.52)	6.15
Total from investment activities	 (8.25)	 4.48	 6.43	 6.97	 (0.58)	 6.04
Distributions Net realized gain	 	 (3.79)	 (2.21)	 (2.14)	 (3.95)	 (3.58)
NET ASSET VALUE End of period	\$ 24.07	\$ 32.32	\$ 31.63	\$ 27.41	\$ 22.58	\$ 27.11
Ratios/Supplemental Data						
Total return ⁽²⁾⁽³⁾	 (25.53)%	 14.57%	 23.47%	 30.98%	 (2.30)%	 24.44%
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/ payments by Price Associates ⁽⁴⁾ Net expenses after waivers/	 1.10%(5)	 1.10%	 1.10%	 1.10%	 1.10%	 1.10%
payments by Price Associates	1.09%(5)	1.09%	1.09%	1.09%	1.10%	1.10%
Net investment loss	 (0.58)% ⁽⁵⁾	 (0.64)%	 (0.43)%	 (0.13)%	 (0.20)%	 (0.38)%
Portfolio turnover rate Net assets, end of period (in	 10.5%	 18.8%	 26.1%	 22.1%	 24.6%	 24.7%
thousands)	\$ 50,116	\$ 71,773	\$ 61,897	\$ 56,450	\$ 44,782	\$ 52,926

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 6 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

⁽⁴⁾ See Note 6. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.

(5) Annualized

T. ROWE PRICE MID-CAP GROWTH PORTFOLIO

June 30, 2022 (Unaudited)

PORTFOLIO OF		
	Shares	\$ Value
(Cost and value in \$000s)		
COMMON STOCKS 94.9%		
COMMUNICATION SERVICES 2.1%		
Entertainment 1.6%		
Liberty Media-Liberty Formula One,		
Class C (1)	73,900	4,691
Playtika Holding (1)	49,800	659
Spotify Technology (1)	23,200	
Interactive Media & Services 0.5%		7,527
Match Group (1)	25,600	1,784
Vimeo (1)	60,273	363
		2,147
Total Communication Services		9,674
CONSUMER		
DISCRETIONARY 12.5%		
Automobiles 0.4%		
Rivian Automotive, Class A (1)	68,314	1,758
Diversified Commer Commissed 1 0%		1,758
Diversified Consumer Services 1.0%	00 100	0.400
Bright Horizons Family Solutions (1) Clear Secure, Class A (1)	29,100 10,303	2,460
	54,300	
·····		4,873
Hotels, Restaurants & Leisure 4.8%		
Chipotle Mexican Grill (1)	3,900	5,098
Domino's Pizza	9,400	3,663
UraftKings, Class A (1)	68,700	802 6,096
MGM Resorts International	141,100	6,096 4,085
Vail Resorts	12,900	2,813
		22,557
Internet & Direct Marketing		
Retail 0.3%		
DoorDash, Class A (1)	18,800	1,206
Farfetch, Class A (1)	51,499	369
Multiline Retail 2.4%		1,575
Dollar General	32,500	7,977
Dollar Tree (1)	21,400	3,335
		11,312
Specialty Retail 3.1%		
Bath & Body Works	51,300	1,381
Burlington Stores (1)	42,700	5,817
Five Below (1) O'Reilly Automotive (1)	13,700 6,000	1,554 3,791
Ross Stores	22,200	1,559
Warby Parker, Class A (1)	15,362	173
		14,275
Textiles, Apparel & Luxury		
Goods 0.5%	6 000	1 500
Deckers Outdoor (1)	6,200	1,583

	Shares	\$ Value
Cost and value in \$000s)		
Lululemon Athletica (1)	3,300	900
		2,483
Total Consumer Discretionary		58,833
CONSUMER STAPLES 2.3%		
Beverages 0.4%		
Boston Beer, Class A (1)	6,435	1,950
		1,950
Food & Staples Retailing 1.0%	00 500	
Casey's General Stores	26,500	4,902
Food Products 0.4%		4,902
	47,462	1 0 9
TreeHouse Foods (1)	47,402	1,98
Household Products 0.4%		1,985
Reynolds Consumer Products	67,200	1,832
		1,832
Personal Products 0.1%		1,002
Olaplex Holdings (1)	42,738	602
		602
Total Consumer Staples		11,27
ENERGY 1.7%		
Oil, Gas & Consumable Fuels 1.7%		
Cheniere Energy	18,800	2,50
Coterra Energy	59,900	1,54
	12,800	2,855
Venture Global LNG, Series B, Acquisition Date: 3/8/18, Cost \$60 (1)		
(2)(3)	20	119
Venture Global LNG, Series C,		
Acquisition Date: 10/16/17 - 3/8/18,	100	0.01
Cost \$512 (1)(2)(3)	139	82
Total Energy FINANCIALS 5.9%		7,847
Capital Markets 3.7%		
Cboe Global Markets	29,900	3,384
KKR	111,500	5,16 ⁻
MarketAxess Holdings	7,900	2,023
Raymond James Financial	17,200	1,538
Tradeweb Markets, Class A	76,900	5,248
		17,354
Insurance 2.2%		
Assurant Axis Capital Holdings	34,000 61,600	5,87 3,51
Kemper	20,700	99
		10,385
Total Financials		27,739
HEALTH CARE 27.0%		
Biotechnology 4.3%		
Alkermes (1)	38,500	1,147
Alnylam Pharmaceuticals (1)	27,800	4,054
Apellis Pharmaceuticals (1)	12,864	582
Argenx, ADR (1)	11,188	4,239
CRISPR Therapeutics (1)	6,857	417

Exact Sciences (1) 25,000 988 Exelixis (1) 38,400 799 Ionis Pharmaceuticals (1) 73,000 2,700 Neurocrine Biosciences (1) 21,400 2,080 Seagen (1) 12,800 769 Health Care Equipment & 20,044 Supplies 9.4% Alcon 53,900 3,761 Alcon 53,900 6,513 22,822 DENTSPLY SIRONA 28,700 1.022 Enovis (1) 51,324 2,823 Hologic (1) 201,100 13,934 CU Medical (1) 15,400 2,533 UnidelOrtho (1) 40,233 3,911 Teleftex 38,472 9,456 Health Care Providers & 38,472 9,456 Services 1.9% Acadia Healthcare (1) 86,700 5,864 Acadia Healthcare (1) 26,700 1,377 Health Care Technology 1.9% 2,433 8,777 Doximity, Class A (1) 29,900 1,047 Muitipain (1) 250,000 1,3		Shares	\$ Value
Exeixis (1) 38,400 793 Ionis Pharmaceuticals (1) 73,000 2,700 Neurocrine Biosciences (1) 21,400 2,080 Seagen (1) 12,800 2,266 Ultragenyx Pharmaceutical (1) 12,800 764 Health Care Equipment & 20,044 Supplies 9,4% 20,800 6,511 Alcon 53,900 3,767 Cooper 20,800 6,513 DENTSPLY SIRONA 28,700 1,023 Enovis (1) 51,324 2,827 Hologic (1) 201,100 13,333 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,451 Acadia Healthcare (1) 86,700 5,864 aglion health (1) 21,874 47 Molina Health Care Technology 1.9% 24,335 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 <	(Cost and value in \$000s)		
Ionis Pharmaceuticals (1) 73,000 2,703 Neurocrine Biosciences (1) 21,400 2,080 Seagen (1) 12,800 2,266 Ultragenyx Pharmaceutical (1) 12,800 766 Supplies 9.4% 20,044 20,044 Alcon 53,900 3,767 Cooper 20,800 6,513 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,823 Health Care Equipment & 39,010 20,100 QuidelOrtho (1) 20,100 13,933 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,911 Health Care Providers & 43,964 Services 1.9% 43,964 Acadia Healthcare (1) 86,700 5,864 Acadia Healthcare (1) 86,700 2,433 Molina Health Care Technology 1.9% 2,433 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100	Exact Sciences (1)	25,000	985
Neurocrine Biosciences (1) 21,400 2,083 Seagen (1) 12,800 2,266 Ultragenyx Pharmaceutical (1) 12,800 76 Health Care Equipment & 20,044 Supplies 9.4% Alcon 53,900 3,765 Cooper 20,800 6,511 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,822 4,8670 1,022 Hologic (1) 15,400 2,533 QuidelOrtho (1) 16,5400 2,533 QuidelOrtho (1) 40,233 3,910 Teleflex 38,472 9,453 Health Care Providers & Services 1.9% Acadia Healthcare (1) 86,700 5,864 Acadia Healthcare (1) 86,700 5,864 3,777 Health Care Technology 1.9% 0,001 1,377 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 25,000 1,377 Life Sciences Tools & Services 6.2% 4,777 Agilent Technologies 80,400 9,544 Avantor (1) </td <td></td> <td>38,400</td> <td>799</td>		38,400	799
Seagen (1) 12,800 2,263 Ultragenyx Pharmaceutical (1) 12,800 766 Alcon 53,900 3,767 Cooper 20,800 6,511 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,823 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,533 QuidefOrtho (1) 40,233 3,910 Teleflex 38,472 9,455 Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 47 Molina Healthcare (1) 8,700 2,433 Molina Health (1) 21,874 4,777 Life Sciences Tools & Servi			2,702
Ultragenyx Pharmaceutical (1) 12,800 764 Realth Care Equipment & 20,044 Supplies 9.4% Alcon 53,900 3,765 Cooper 20,800 6,513 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,823 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,453 Health Care Providers & Services 1.9% 43,964 Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,770 2,433 Acadia Healthcare (1) 8,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 1,373 Yeeva Systems, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,373 Yeeva Systems, Class A (1) 24,100 7,593			2,086
20,044 Supplies 9.4% Alcon 53,900 3,767 Cooper 20,800 6,511 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,822 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,633 UidelOrtho (1) 40,233 3,910 Teleflex 38,472 9,453 Services 1.9% 43,964 Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,357 Ayantor (1) 244,100 7,592 Bruker 119,800 7,513 Bruker 119,800 7,513 West Pharmaceutical S.3.3% 28,844 Pharmaceutical			2,265
Health Care Equipment & Supplies 9.4% Alcon 53,900 3,765 Cooper 20,800 6,512 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,822 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,453 Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 47 Molina Healthcare (1) 8,700 2,433 Health Care Technology 1.9% 24,370 2,433 Doximity, Class A (1) 29,900 1,047 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,353 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Sa% 28,844 Pharmaceutical Sa% 28,844 Pharmaceutical Sa% 28,844 Pharmaceutical Sa% 15,643 INDUSTRIALS & BUSINESS	Ultragenyx Pharmaceutical (1)	12,800	
Alcon 53,900 3,765 Cooper 20,800 6,513 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,823 Hologic (1) 201,100 15,303 ICU Medical (1) 15,400 2,533 QuidelOntho (1) 40,233 3,910 Teleflex 38,472 9,455 Acadia HealthCare Providers & 38,472 9,455 Services 1.9% Acadia HealthCare (1) 86,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Health Care Technology 1.9% 0.435 Doximity, Class A (1) 29,900 1,047 Multiplan (1) 250,000 1,377 Veva Systems, Class A (1) 32,100 6,355 Right Technologies 80,400 9,544 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,184 Pharmaceutic			20,040
Cooper 20,800 6,513 DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,823 Hologic (1) 201,100 13,833 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,455 Health Care Providers & 43,966 Services 1.9% Acadia Healthcare (1) 86,700 5,866 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 Surfer 119,800 7,513 Bruker 119,800 7,513 Bruker 13,845 4,184 Pharmaceutical Services 13,845 4,184 Octatlent (1)		53.900	3.767
DENTSPLY SIRONA 28,700 1,022 Enovis (1) 51,324 2,822 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,537 QuidelOrtho (1) 40,233 3,964 Health Care Providers & 43,964 Services 1.9% 43,964 Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 8,700 1,374 477 Molina Healthcare (1) 8,700 2,433 9,900 1,044 101 21,874 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 8,777 Life Sciences Tools & Services 6.2% 43,964 Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceuticals 3.3%			6,513
Enovis (1) 51,324 2,822 Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,916 Teleflex 38,472 9,453 Health Care Providers & 43,966 Services 1.9% 43,966 Acadia Healthcare (1) 86,700 5,866 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,357 Life Sciences Tools & Services 6.2% Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,593 1845 4,186 Pharmaceutical Services 13,845 4,186 28,844 Pharmaceutical S.3% 28,500 1,562 15,244 Total Health Care 125,633 1,563 15,244 <td></td> <td></td> <td>1,025</td>			1,025
Hologic (1) 201,100 13,933 ICU Medical (1) 15,400 2,533 QuidelOrtho (1) 40,233 3,910 Teleflex 38,472 9,453 Health Care Providers & 43,964 Services 1.9% Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 47 Molina Healthcare (1) 8,700 2,433 Health Care Technology 1.9% 20,000 1,374 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Life Sciences Tools & Services 6.2% 80,400 9,543 Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 Pharmaceuticals 3.3% 28,844 Pharmaceuticals 3.3% 28,500 1,563 Catalent (1) 118,100 12,673 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,563 INDUSTRIALS & BUSINESS SERVICES 16.7% 364,200 <	Enovis (1)	51,324	2,823
QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,455 Health Care Providers & 43,966 Services 1.9% 5,867 Acadia Healthcare (1) 86,700 5,867 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 Bruker 119,800 7,518 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,168 Pharmaceuticals 3.3% 28,844 148 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 INDUSTRIALS & BUSINESS SERVICES 16.7% 3533 BWX Technologies 64,200	Hologic (1)	201,100	13,936
QuidelOrtho (1) 40,233 3,911 Teleflex 38,472 9,455 Health Care Providers & 43,966 Services 1.9% 5,867 Acadia Healthcare (1) 86,700 5,867 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 Bruker 119,800 7,518 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,168 Pharmaceuticals 3.3% 28,844 148 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 INDUSTRIALS & BUSINESS SERVICES 16.7% 3533 BWX Technologies 64,200	ICU Medical (1)	15,400	2,532
43,964 Health Care Providers & Services 1.9% Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 47 Molina Healthcare (1) 8,700 2,433 Barlow Construction 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,357 Life Sciences Tools & Services 6.2% 8,777 Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,184 Pharmaceuticals 3.3% 28,844 Pharmaceuticals 3.3% 28,844 Pharmaceuticals 3.3% 28,844 Pharmaceuticals 3.3% 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 <td< td=""><td></td><td>40,233</td><td>3,910</td></td<>		40,233	3,910
Health Care Providers & Services 1.9% Acadia Healthcare (1) 86,700 5,864 agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Basilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Basilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Basilon health Care Technology 1.9% 8,777 Doximity, Class A (1) 29,900 1,047 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,357 Bruker 19,800 9,548 Avantor (1) 244,100 7,592 Bruker 119,800 7,518 West Pharmaceutical Services 13,845 4,186 Pharmaceuticals 3.3% 28,844 Pharmaceuticals 3.3% 15,244 100 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Pharmaceuticals & BUSINESS 58<	Teleflex	38,472	9,458
Acadia Healthcare (1) 86,700 5,864 agion health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 Molina Healthcare (1) 8,700 2,433 Health Care Technology 1.9% 8,777 Doximity, Class A (1) 29,900 1,044 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,355 8,777 116 Sciences Tools & Services 6.2% Agilent Technologies 80,400 9,543 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,184 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,007 Perrigo 38,500 1,563 INDUSTRIALS & BUSINESS SERVICES 16.7% 4 Aerospace & Defense 3.3% 54,200 3,533 BWX Technologies 64,200 3,533 Textron 198,300 1			43,964
agilon health (1) 21,874 477 Molina Healthcare (1) 8,700 2,433 8,774 Health Care Technology 1.9% Doximity, Class A (1) 29,900 1,04 Multiplan (1) 250,000 1,373 Veeva Systems, Class A (1) 32,100 6,353 8,777 Life Sciences Tools & Services 6.2% Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 Pharmaceuticals 3.3% Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,007 Perrigo 38,500 1,563 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120		00 700	5 004
Molina Healthcare (1) 8,700 2,433 Barrier Sciences Tools & Services 6.2% 8,777 Life Sciences Tools & Services 6.2% 80,400 9,544 Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,007 Perrigo 38,500 1,563 INDUSTRIALS & BUSINESS SERVICES 16.7% 44,200 Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 BWX Technologies 64,200 3,533 15,647 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,120			
8,774 Health Care Technology 1.9% Doximity, Class A (1) 29,900 1,047 Multiplan (1) 250,000 1,377 Veeva Systems, Class A (1) 32,100 6,357 Agilent Technologies 80,400 9,543 Avantor (1) 244,100 7,597 Bruker 119,800 7,511 Bruker 119,800 7,513 Bruker 119,800 7,514 West Pharmaceutical Services 13,845 4,186 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,563 INDUSTRIALS & BUSINESS SERVICES 16.7% 4 Aerospace & Defense 3.3% EWX Technologies 64,200 3,533 Extron 198,300 12,110 15,642 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,124			
Health Care Technology 1.9% Doximity, Class A (1) 29,900 1,04' Multiplan (1) 250,000 1,37' Veeva Systems, Class A (1) 32,100 6,35' 8,77' 8,77' Life Sciences Tools & Services 6.2% 80,400 9,54' Agilent Technologies 80,400 9,54' Avantor (1) 244,100 7,59' Bruker 119,800 7,51' West Pharmaceutical Services 13,845 4,18' 28,84' 28,84' 28,84' Pharmaceuticals 3.3% 28,84' 28,84' Catalent (1) 118,100 12,67' Elanco Animal Health (1) 51,300 1,00' Perrigo 38,500 1,56' INDUSTRIALS & BUSINESS SERVICES 16.7'% 4 Aerospace & Defense 3.3% 5 12,11' Southwest Airlines (1) 137,400 4,96' Commercial Services & Supplies 0.5'% 4,96' 4,96'		0,700	
Multiplan (1) 250,000 1,373 Veeva Systems, Class A (1) 32,100 6,355 8,777 1 6 Life Sciences Tools & Services 6.2% 80,400 9,543 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 INDUSTRIALS & BUSINESS SERVICES 16.7% 125,633 Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,641 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,120	Health Care Technology 1.9%		0,774
Multiplan (1) 250,000 1,373 Veeva Systems, Class A (1) 32,100 6,355 8,777 1 6 Life Sciences Tools & Services 6.2% 80,400 9,543 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 INDUSTRIALS & BUSINESS SERVICES 16.7% 125,633 Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,641 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,120	Doximity, Class A (1)	29,900	1,041
8,77 Life Sciences Tools & Services 6.2% Agilent Technologies 80,400 9,543 Avantor (1) 244,100 7,593 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,677 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 INDUSTRIALS & BUSINESS SERVICES 16.7% 125,633 BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,641 4,963 4,963 Commercial Services & Supplies 0.5% 17,100 2,120		250,000	1,373
Life Sciences Tools & Services 6.2% Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,846 Pharmaceuticals 3.3% Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 15,240 Total Health Care 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,647 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120	Veeva Systems, Class A (1)	32,100	6,357
Agilent Technologies 80,400 9,544 Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,007 Perrigo 38,500 1,562 Total Health Care 125,633 15,244 Total Health Care 125,633 15,244 NDUSTRIALS & BUSINESS SERVICES 16.7% 4 Aerospace & Defense 3.3% 500 12,110 BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,641 4.963 4.963 Commercial Services & Supplies 0.5% 4.963 Waste Connections 17,100 2,120			8,771
Avantor (1) 244,100 7,592 Bruker 119,800 7,513 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 Total Health Care 125,633 15,240 NDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% 8 BWX Technologies 64,200 3,533 15,643 Airlines 1.1% 137,400 4,963 4,963 Commercial Services & Supplies 0.5% 17,100 2,120		80.400	0 5 4 0
Bruker 119,800 7,515 West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 Total Health Care 125,633 15,240 NDUSTRIALS & BUSINESS SERVICES 16.7% 4erospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,643 15,643 4,963 Commercial Services & Supplies 0.5% 4,963 Waste Connections 17,100 2,120			
West Pharmaceutical Services 13,845 4,186 28,844 28,844 Pharmaceuticals 3.3% 28,844 Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 Total Health Care 125,633 15,240 NDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% 198,300 12,110 BWX Technologies 64,200 3,533 15,643 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120			
28,844 Pharmaceuticals 3.3% Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 Total Health Care 125,633 15,240 Total Health Care 125,633 15,240 Total Health Care 125,633 15,240 NDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,641 15,642 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120			
Pharmaceuticals 3.3% Catalent (1) 118,100 12,67 Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,562 Total Health Care 125,633 15,240 Total Health Care 125,633 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,120		10,040	
Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 Total Health Care 125,633 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% 4 Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,644 Airlines 1.1% 5 4,963 Commercial Services & Supplies 0.5% 17,100 2,120	Pharmaceuticals 3.3%		20,040
Elanco Animal Health (1) 51,300 1,000 Perrigo 38,500 1,564 Total Health Care 125,633 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% 4 Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,644 Airlines 1.1% 5 4,963 Commercial Services & Supplies 0.5% 17,100 2,120	Catalent (1)	118,100	12,671
Perrigo 38,500 1,564 Total Health Care 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,643 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120			1,007
15,240 Total Health Care 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 Airlines 1.1% 15,643 Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% 17,100 2,120			
Total Health Care 125,633 INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,643 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120			
INDUSTRIALS & BUSINESS SERVICES 16.7% Aerospace & Defense 3.3% BWX Technologies 64,200 Textron 198,300 12,110 Airlines 1.1% Southwest Airlines (1) 137,400 4,963 Commercial Services & Supplies 0.5% Waste Connections 17,100	Total Health Care		125 635
BWX Technologies 64,200 3,533 Textron 198,300 12,110 15,643 15,643 Airlines 1.1% 137,400 4,963 Southwest Airlines (1) 137,400 4,963 Commercial Services & 4,963 Supplies 0.5% 17,100 2,120	INDUSTRIALS & BUSINESS		120,000
Textron 198,300 12,110 15,647 15,647 Airlines 1.1% 137,400 4,967 Southwest Airlines (1) 137,400 4,967 Commercial Services & Supplies 0.5% 17,100 2,120	Aerospace & Defense 3.3%		
Textron 198,300 12,110 15,647 15,647 Airlines 1.1% 137,400 4,967 Southwest Airlines (1) 137,400 4,967 Commercial Services & Supplies 0.5% 17,100 2,120	BWX Technologies	64,200	3,537
Airlines 1.1% 15,64 Southwest Airlines (1) 137,400 4,963 Commercial Services & 4,963 Supplies 0.5% 17,100 2,120	Textron	198,300	12,110
Southwest Airlines (1) 137,400 4,963 Commercial Services & 4,963 Supplies 0.5% 17,100 2,120			
4,963Commercial Services &Supplies 0.5%Waste Connections17,1002,120		137,400	4 963
Commercial Services & Supplies 0.5% Waste Connections 17,100 2,120			
Waste Connections 17,100 2,120	Commercial Services &		
	Waste Connections	17,100	2,120
2.121			2,120

	Shares	\$ Value
(Cost and value in \$000s)		
Electrical Equipment 0.1%		
Shoals Technologies Group, Class	42,900	707
A (1)	42,900	707
Industrial Conglomerates 0.9%		101
Roper Technologies	11,100	4,381
		4,381
Machinery 4.4%		
Esab	51,324	2,245
Fortive	85,500	4,650
	21,400	3,887
Ingersoll Rand	235,100	9,893
Professional Services 4.9%		20,675
Clarivate (1)	197,599	2,739
CoStar Group (1)	69,634	4,207
Equifax	25,700	4,697
Leidos Holdings	18,400	1,853
TransUnion	64,100	5,127
Verisk Analytics	23,900	4,137
		22,760
Road & Rail 1.5%		
JB Hunt Transport Services	43,500	6,850
		6,850
Total Industrials & Business Services INFORMATION TECHNOLOGY 20.6%		78,103
Electronic Equipment, Instruments & Components 3.6%		
Amphenol, Class A	46,900	3,019
Cognex	38,500	1,637
Corning	77,000	2,426
Keysight Technologies (1)	44,300	6,107
Littelfuse	3,600	915
National Instruments	85,600	2,673
IT Services 1.7%		16,777
Broadridge Financial Solutions	10,000	1,425
FleetCor Technologies (1)	29,200	6,135
Thoughtworks Holding (1)	18,189	257
		7,817
Semiconductors & Semiconductor Equipment 6.3%		
KLA	23,200	7,403
Lattice Semiconductor (1)	41,100	1,993
Marvell Technology	183,900	8,005
Microchip Technology	192,000	11,151
Wolfspeed (1)	10,300	654 29,206
Software 9.0%		29,200
Atlassian, Class A (1)	18,800	3,523
Bill.com Holdings (1)	12,900	1,418
Black Knight (1)	63,300	4,139
CCC Intelligent Solutions Holdings (1)	239,498	2,203

	Shares	\$ Value
(Cost and value in \$000s)		
Ceridian HCM Holding (1)	29,900	1,408
Crowdstrike Holdings, Class A (1)	19,700	3,321
DocuSign (1)		1,480
Fair Isaac (1)	3,900	1,564
Fortinet (1)	143,000	8,091
nCino (1)	14,800	458
Paylocity Holding (1)	11,600	2,023
PTC (1)	29,800	3,169
SentinelOne, Class A (1)	29,957	699
Synopsys (1)	15,400	4,677
Trade Desk, Class A (1)	88,500	3,707
		41,880
Total Information Technology MATERIALS 6.1%		95,680
Chemicals 0.7%		
RPM International	43,000	3,385
		3,385
Construction Materials 1.0%		
Martin Marietta Materials	14,989	4,485
		4,485
Containers & Packaging 4.4%		
Avery Dennison	32,600	5,277
Ball	147,969	10,176
Sealed Air	91,000	5,252
		20,705
Total Materials		28,575
Total Common Stocks (Cost \$317,527)		443,357
CONVERTIBLE PREFERRED STOCI	(S 0.6%	
CONSUMER DISCRETIONARY 0.1%		
Internet & Direct Marketing		
Retail 0.1%		

Retail 0.1%		
Maplebear DBA Instacart, Series		
E, Acquisition Date: 11/19/21,		
Cost \$975 (1)(2)(3)	8,106	580

	Shares	\$ Value
(Cost and value in \$000s)		
Maplebear DBA Instacart, Series I, Acquisition Date: 2/26/21, Cost \$146 (1)(2)(3) Total Consumer Discretionary HEALTH CARE 0.1%		84 664
Biotechnology 0.1%		
Caris Life Sciences, Series D, Acquisition Date: 5/11/21, Cost \$426 (1)(2)(3)		346
Total Health Care		346
Software 0.2%		
Databricks, Series G, Acquisition Date: 2/1/21, Cost \$197 (1)(2)(3)	1,110	184
Databricks, Series H, Acquisition Date: 8/31/21, Cost \$328 (1)(2)(3)	1,489	247
Nuro, Series D, Acquisition Date: 10/29/21, Cost \$294 (1)(2)(3)	14,070	293
Total Information Technology MATERIALS 0.2%		724
Chemicals 0.2%		
Redwood Materials, Series C, Acquisition Date: 5/28/21, Cost \$316 (1)(2)(3) Sila Nano, Series F, Acquisition Date:	6,674	348
1/7/21, Cost \$595 (1)(2)(3)		
Total Materials		798
Total Convertible Preferred Stocks (Cost \$3,277)		2,532
SHORT-TERM INVESTMENTS 4.4%		
Money Market Funds 4.4%		
T. Rowe Price Treasury Reserve Fund, 1.42% (4)(5)	20,698,781	20,699
Total Short-Term Investments (Cost \$20,699)		20,699
Total Investments in Securities		
99.9% of Net Assets (Cost \$341,503)	<u>\$</u>	466,588

‡ Shares are denominated in U.S. dollars unless otherwise noted.

- (1) Non-income producing
- (2) See Note 2. Level 3 in fair value hierarchy.
- (3) Security cannot be offered for public resale without first being registered under the Securities Act of 1933 and related rules ("restricted security"). Acquisition date represents the day on which an enforceable right to acquire such security is obtained and is presented along with related cost in the security description. The fund may have registration rights for certain restricted securities. Any costs related to such registration are generally borne by the issuer. The aggregate value of restricted securities (excluding 144A holdings) at period end amounts to \$3,478 and represents 0.7% of net assets.
- (4) Seven-day yield
- (5) Affiliated Companies
- ADR American Depositary Receipts

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended June 30, 2022. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

		С	hange in Net	
		Net Realized	Unrealized	Investment
Affiliate		Gain (Loss)	Gain/Loss	Income
T. Rowe Price Treasury Reserve Fund, 1.42%	\$	<u> </u>	- \$	45+
Supplementary Investment Schedule				
	Value	Purchase	Sales	Value
Affiliate	12/31/21	Cost	Cost	06/30/22
T. Rowe Price Treasury Reserve Fund, 1.42%	\$ 20,589	۵	¤ \$	20,699^

Capital gain distributions from mutual funds represented \$0 of the net realized gain (loss).

+ Investment income comprised \$45 of dividend income and \$0 of interest income.

X Purchase and sale information not shown for cash management funds.

A The cost basis of investments in affiliated companies was \$20,699.

June 30, 2022 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets Investments in securities, at value (cost \$341,503) Receivable for investment securities sold Dividends receivable Receivable for shares sold Other assets Total assets	\$ 466,588 1,474 83 14 3 468,162
Liabilities Payable for investment securities purchased Investment management and administrative fees payable Payable for shares redeemed Other liabilities Total liabilities	 653 386 122 10 1,171
NET ASSETS	\$ 466,991
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 18,302,629 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized NET ASSETS	\$ 140,659 326,332 466,991
NET ASSET VALUE PER SHARE	
Mid-Cap Growth Portfolio Class (\$416,875,030 / 16,220,395 shares outstanding) Mid-Cap Growth Portfolio - II Class (\$50,116,048 / 2,082,234 shares outstanding)	\$ 25.70 24.07

STATEMENT OF OPERATIONS

(\$000s)

	6 Months Ended 6/30/22
Investment Income (Loss)	
Dividend income (net of foreign taxes of \$3)	\$1,360
Expenses	
Investment management and administrative expense	2,275
Rule 12b-1 fees - Mid-Cap Growth Portfolio - II Class	74
Waived / paid by Price Associates	(27)
Net expenses	2,322
Net investment loss	(962)
Realized and Unrealized Gain / Loss	
Net realized gain on securities	10,290
Change in net unrealized loss on securities	(172,380)
Net realized and unrealized gain / loss	(162,090)
DECREASE IN NET ASSETS FROM OPERATIONS	\$ (163,052)

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

(4000)		
	6 Months	Year
	Ended	Ended
	6/30/22	12/31/21
Increase (Decrease) in Net Assets		
Operations		
Net investment loss	\$ (962)	\$ (2,622)
Net realized gain	10,290	58,353
Change in net unrealized gain / loss	(172,380)	30,887
Increase (decrease) in net assets from operations	(163,052)	86,618
Distributions to shareholders		
Net earnings		
Mid-Cap Growth Portfolio Class	-	(57,795)
Mid-Cap Growth Portfolio - II Class	.	(7,552)
Decrease in net assets from distributions	·	(65,347)
Capital share transactions*		
Shares sold		
Mid-Cap Growth Portfolio Class	10,548	22,256
Mid-Cap Growth Portfolio - II Class	7,558	14,691
Distributions reinvested	.,	.,
Mid-Cap Growth Portfolio Class	-	57,795
Mid-Cap Growth Portfolio - II Class	-	7,552
Shares redeemed		.,002
Mid-Cap Growth Portfolio Class	(25,374)	(59,877)
Mid-Cap Growth Portfolio - II Class	(11,201)	(13,702)
Increase (decrease) in net assets from capital share transactions	(18,469)	28,715
	(10,100)	20,110
Net Assets		
Increase (decrease) during period	(181,521)	49,986
Beginning of period	648,512	598,526
End of period	\$ 466,991	\$ 648,512
*Share information (000s)		
Shares sold		
Mid-Cap Growth Portfolio Class	360	617
Mid-Cap Growth Portfolio - II Class	272	428
Distributions reinvested		
Mid-Cap Growth Portfolio Class	-	1,734
Mid-Cap Growth Portfolio - II Class	-	242
Shares redeemed		_
Mid-Cap Growth Portfolio Class	(873)	(1,653)
Mid-Cap Growth Portfolio - II Class	(411)	(406)
Increase (decrease) in shares outstanding	(652)	962
	(002)	50E

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price Equity Series, Inc. (the corporation) is registered under the Investment Company Act of 1940 (the 1940 Act). The Mid-Cap Growth Portfolio (the fund) is a diversified, open-end management investment company established by the corporation. The fund seeks to provide long-term capital appreciation by investing in mid-cap stocks with potential for above-average earnings growth. Shares of the fund currently are offered only to insurance company separate accounts established for the purpose of funding variable annuity contracts and variable life insurance policies. The fund has two classes of shares: the Mid-Cap Growth Portfolio (Mid-Cap Growth Portfolio Class) and the Mid-Cap Growth Portfolio–II (Mid-Cap Growth Portfolio–II Class). Mid-Cap Growth Portfolio–II Class shares are sold through financial intermediaries, which it compensates for distribution, shareholder servicing, and/or certain administrative services under a Board-approved Rule 12b-1 plan. Each class has exclusive voting rights on matters related solely to that class; separate voting rights on matters that relate to both classes; and, in all other respects, the same rights and obligations as the other class.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from mutual fund investments are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions are recorded on the ex-dividend date. Non-cash dividends, if any, are recorded at the fair market value of the asset received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid by each class annually. A capital gain distribution may also be declared and paid by the fund annually.

Class Accounting Investment income, investment management and administrative expense, and realized and unrealized gains and losses are allocated to the classes based upon the relative daily net assets of each class. Mid-Cap Growth Portfolio–II Class pays Rule 12b-1 fees, in an amount not exceeding 0.25% of the class's average daily net assets.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The T. Rowe Price Valuation Committee (the Valuation Committee) is an internal committee that has been delegated certain responsibilities by the fund's Board of Directors (the Board) to ensure that financial instruments are appropriately priced at fair value in accordance with GAAP and the 1940 Act. Subject to oversight by the Board, the Valuation Committee develops and oversees pricing-related policies and procedures and approves all fair value determinations. Specifically, the Valuation Committee establishes policies and procedures used in valuing financial instruments, including those which cannot be valued in accordance with normal procedures or using pricing vendors; determines pricing techniques, sources, and persons eligible to effect fair value pricing

actions; evaluates the services and performance of the pricing vendors; oversees the pricing process to ensure policies and procedures are being followed; and provides guidance on internal controls and valuation-related matters. The Valuation Committee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

- Level 1 quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date
- Level 2 inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 unobservable inputs (including the fund's own assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Equity securities, including exchange-traded funds, listed or regularly traded on a securities exchange or in the over-the-counter (OTC) market are valued at the last quoted sale price or, for certain markets, the official closing price at the time the valuations are made. OTC Bulletin Board securities are valued at the mean of the closing bid and asked prices. A security that is listed or traded on more than one exchange is valued at the quotation on the exchange determined to be the primary market for such security. Listed securities not traded on a particular day are valued at the mean of the closing bid and asked prices for domestic securities.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations or market-based valuations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Committee, in accordance with fair valuation policies and procedures. The objective of any fair value pricing determination is to arrive at a price that could reasonably be expected from a current sale. Financial instruments fair valued by the Valuation Committee are primarily private placements, restricted securities, warrants, rights, and other securities that are not publicly traded. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Committee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Committee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis and updated as information becomes available, including actual purchase and sale transactions of the investment. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions, and fair value prices determined by the Valuation Committee could differ from those of other market participants.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2022 (for further detail by category, please refer to the accompanying Portfolio of Investments):

(\$000s)	Level 1	Level 2	Level 3	Total Value
Assets				
Common Stocks	\$ 442,411 \$	- \$	946 \$	443,357
Convertible Preferred Stocks	—	_	2,532	2,532
Short-Term Investments	 20,699	_	_	20,699
Total	\$ 463,110 \$	- \$	3,478 \$	466,588

NOTE 3 - OTHER INVESTMENT TRANSACTIONS

Consistent with its investment objective, the fund engages in the following practices to manage exposure to certain risks and/or to enhance performance. The investment objective, policies, program, and risk factors of the fund are described more fully in the fund's prospectus and Statement of Additional Information.

Restricted Securities The fund invests in securities that are subject to legal or contractual restrictions on resale. Prompt sale of such securities at an acceptable price may be difficult and may involve substantial delays and additional costs.

Other Purchases and sales of portfolio securities other than short-term securities aggregated \$55,036,000 and \$75,387,000, respectively, for the six months ended June 30, 2022.

NOTE 4 - FEDERAL INCOME TAXES

No provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report.

The fund intends to retain realized gains to the extent of available capital loss carryforwards. Net realized capital losses may be carried forward indefinitely to offset future realized capital gains. As of December 31, 2021, the fund had \$419,000 of available capital loss carryforwards.

At June 30, 2022, the cost of investments for federal income tax purposes was \$342,231,000. Net unrealized gain aggregated \$124,357,000 at period-end, of which \$159,676,000 related to appreciated investments and \$35,319,000 related to depreciated investments.

NOTE 5 - FOREIGN TAXES

The fund is subject to foreign income taxes imposed by certain countries in which it invests. Additionally, capital gains realized upon disposition of securities issued in or by certain foreign countries are subject to capital gains tax imposed by those countries. All taxes are computed in accordance with the applicable foreign tax law, and, to the extent permitted, capital losses are used to offset capital gains. Taxes attributable to income are accrued by the fund as a reduction of income. Current and deferred tax expense attributable to capital gains is reflected as a component of realized or change in unrealized gain/loss on securities in the accompanying financial statements. To the extent that the fund has country specific capital loss carryforwards, such carryforwards are applied against net unrealized gains when determining the deferred tax liability. Any deferred tax liability incurred by the fund is included in either Other liabilities or Deferred tax liability on the accompanying Statement of Assets and Liabilities.

NOTE 6 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). The investment management and administrative agreement between the fund and Price Associates provides for an all-inclusive annual fee equal to 0.85% of the fund's average daily net assets. The fee is computed daily and paid monthly. The all-inclusive fee covers investment management services and ordinary, recurring operating expenses but does not cover interest expense; expenses related to borrowing, taxes, and brokerage; or nonrecurring expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2023 to waive a portion of its management fee in order to limit the fund's management fee to 0.84% of the fund's average daily net assets. Thereafter, this agreement automatically renews for one-year terms unless terminated or modified by the fund's Board. Fees waived and expenses paid under this agreement are not subject to reimbursement to Price Associates by the fund. The total management fees waived were \$27,000 and allocated ratably in the amounts of \$24,000 and \$3,000 for the Mid-Cap Growth Portfolio Class and Mid-Cap Growth Portfolio-II Class, respectively, for the six months ended June 30, 2022.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds, or the T. Rowe Price Short-Term Fund, a short-term bond fund (collectively, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund; prior to December 13, 2021, the cash collateral from securities lending was invested in the T. Rowe Price Short-Term Fund. The Price Reserve Funds pay no investment management fees.

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended June 30, 2022, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

Price Associates has voluntarily agreed to reimburse the fund from its own resources on a monthly basis for the cost of investment research embedded in the cost of the fund's securities trades and for the cost of brokerage commissions embedded in the cost of the fund's foreign currency transactions. These agreements may be rescinded at any time. For the six months ended June 30, 2022, these reimbursements amounted to \$13,000, which is included in Net realized gain (loss) on Securities in the Statement of Operations.

NOTE 7 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war, terrorism, pandemics, outbreaks of infectious diseases, and similar public health threats may significantly affect the economy and the markets and issuers in which a fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks. Since 2020, a novel strain of coronavirus (COVID-19) has resulted in disruptions to global business activity and caused significant volatility and declines in global financial markets. In February 2022, Russian forces entered Ukraine and commenced an armed conflict leading to economic sanctions being imposed on Russia and certain of its citizens, creating impacts on Russian-related stocks and debt and greater volatility in global markets. These are recent examples of global events which may have an impact on the fund's performance, which could be negatively impacted if the value of a portfolio holding were harmed by these and such other events. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

https://www.troweprice.com/corporate/us/en/utility/policies.html

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on **troweprice.com**.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENT

Each year, the fund's Board of Directors (Board) considers the continuation of the investment management agreement (Advisory Contract) between the fund and its investment adviser, T. Rowe Price Associates, Inc. (Adviser), as well as the investment subadvisory agreement (Subadvisory Contract) that the Adviser has entered into with T. Rowe Price Investment Management, Inc. (Subadviser), on behalf of the fund, which became effective on March 7, 2022. In that regard, at a meeting held on March 7–8, 2022 (Meeting), the Board, including all of the fund's independent directors, approved the fund's Advisory Contract and Subadvisory Contract. At the Meeting, the Board considered the factors and reached the conclusions described below relating to the selection of the Adviser and Subadviser and the approval of the Advisory Contract and Subadvisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract and Subadvisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

In providing information to the Board, the Adviser was guided by a detailed set of requests for information submitted by independent legal counsel on behalf of the independent directors. In considering and approving the Advisory Contract and Subadvisory Contract, the Board considered the information it believed was relevant, including, but not limited to, the information discussed below. The Board considered not only the specific information presented in connection with the Meeting but also the knowledge gained over time through interaction with the Adviser and Subadviser about various topics. The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the T. Rowe Price funds' advisory contracts, including performance and the services and support provided to the funds and their shareholders.

Services Provided by the Adviser and Subadviser

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser and the services that will be provided by the Subadviser effective March 7, 2022. These services included, but were not limited to, directing the fund's investments in accordance with its investment program and the overall management of the fund's portfolio, as well as a variety of related activities such as financial, investment operations, and administrative services; compliance; maintaining the fund's records and registrations; and shareholder communications. The Board also reviewed the background and experience of the Adviser's and Subadviser's senior management teams and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board noted that the Subadvisory Contract authorizes the Subadviser, subject to oversight by the Adviser, to have investment discretion with respect to all or a portion of the fund's portfolio. However, there will be information barriers between investment personnel of the Adviser and Subadviser that restrict the sharing of certain information, such as investment research, trading, and proxy voting. The Board concluded that it was satisfied with the nature, quality, and extent of the services provided by the Adviser and to be provided by the Subadviser.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and reports that it receives throughout the year relating to fund performance. In connection with the Meeting, the Board reviewed the fund's total returns for various periods through December 31, 2021, and compared these returns with the performance of a peer group of funds with similar investment programs and a wide variety of other previously agreed-upon comparable performance measures and market data, including relative performance information as of September 30, 2021, supplied by Broadridge, which is an independent provider of mutual fund data.

On the basis of this evaluation and the Board's ongoing review of investment results, and factoring in the relative market conditions during certain of the performance periods, the Board concluded that the fund's performance was satisfactory.

Costs, Benefits, Profits, and Economies of Scale

The Board reviewed detailed information regarding the revenues received by the Adviser under the Advisory Contract and other direct and indirect benefits that the Adviser (and its affiliates) may have realized from its relationship with the fund. In considering soft-dollar arrangements pursuant to which research may be received from broker-dealers that execute the fund's portfolio transactions, the Board noted that the Adviser bears the cost of research services for all client accounts that it advises, including the T. Rowe Price funds. The Board received information on the estimated costs incurred and profits realized by the Adviser from managing the T. Rowe Price funds. The Board also reviewed estimates of the profits realized from managing the fund in particular, and the Board concluded that the Adviser's profits were reasonable in light of the services provided to the fund.

The Board also considered whether the fund benefits under the fee levels set forth in the Advisory Contract or otherwise from any economies of scale realized by the Adviser. Under the Advisory Contract, the fund pays the Adviser a single fee, or all-inclusive management fee, which is based on the fund's average daily net assets. The all-inclusive management fee includes investment management services and provides for the Adviser to pay all of the fund's ordinary, recurring operating expenses except for interest, taxes, portfolio transaction fees, and any nonrecurring extraordinary expenses that may arise. However, the fund has a contractual limitation in place whereby the Adviser has agreed

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENT (CONTINUED)

to waive a portion of the management fee it is entitled to receive from the fund in order to limit the fund's overall management fee rate to 0.84% of the fund's average daily net assets. Any fees waived under this management fee waiver agreement are not subject to reimbursement to the Adviser by the fund. Under the Subadvisory Contract, the Adviser may pay the Subadviser up to 60% of the advisory fees that the Adviser receives from the fund. The Adviser has generally implemented an all-inclusive management fee structure in situations where a fixed total expense ratio is useful for purposes of providing certainty of fees and expenses for the investors in these funds and has historically sought to set the initial all-inclusive management fee rate at levels below the expense ratios of comparable funds to take into account potential future economies of scale. Because the fund serves as an underlying option to variable annuity products, the all-inclusive fee structure is utilized to create certainty for the annuity providers' overall pricing decisions and disclosures. Assets of the fund are included in the calculation of the group fee rate, which serves as a component of the management fee for many T. Rowe Price funds and declines at certain asset levels based on the combined average net assets of most of the T. Rowe Price funds (including the fund). Although the fund does not have a group fee component to its management fee, its assets are included in the calculation because certain resources utilized to operate the fund are shared with other T. Rowe Price funds. The Board concluded that, based on the profitability data it reviewed and consistent with this all-inclusive management fee structure, the advisory fee structure for the fund continued to be appropriate.

Fees and Expenses

The Board was provided with information regarding industry trends in management fees and expenses. Among other things, the Board reviewed data for peer groups that were compiled by Broadridge, which compared: (i) contractual management fees, actual management fees, nonmanagement expenses, and total expenses of the fund with a group of competitor funds selected by Broadridge (Expense Group) and (ii) actual management fees, nonmanagement expenses, and total expenses of the fund with a broader set of funds within the Lipper investment classification (Expense Universe). The Board considered the fund's contractual management fee rate, actual management fee rate, and total expenses (all of which generally reflect the all-inclusive management fee rate and do not deduct the operating expenses paid by the Adviser as part of the overall management fee) in comparison with the information for the Broadridge peer groups. Broadridge generally constructed the peer groups by seeking the most comparable funds based on similar investment classifications and objectives, expense structure, asset size, and operating components and attributes and ranked funds into quintiles, with the first quintile representing the funds with the lowest relative expenses. The information provided to the Board indicated that the fund's contractual management fee ranked in the fourth quintile (Expense Group), the fund's actual management fee ranked in the fund's total expenses ranked in the third quintile (Expense Group and Expense Universe), and the fund's total expenses ranked in the third quintile (Expense).

The Board also reviewed the fee schedules for other investment portfolios with similar mandates that are advised or subadvised by the Adviser and its affiliates, including separately managed accounts for institutional and individual investors; subadvised funds; and other sponsored investment portfolios, including collective investment trusts and pooled vehicles organized and offered to investors outside the United States. Management provided the Board with information about the Adviser's responsibilities and services provided to subadvisory and other institutional account clients, including information about how the requirements and economics of the institutional business are fundamentally different from those of the proprietary mutual fund business. The Board considered information showing that the Adviser's mutual fund business is generally more complex from a business and compliance perspective than its institutional account business and considered various relevant factors, such as the broader scope of operations and oversight, more extensive shareholder communication infrastructure, greater asset flows, heightened business risks, and differences in applicable laws and regulations associated with the Adviser's proprietary mutual fund business. In assessing the reasonableness of the fund's management fee rate, the Board considered the differences in the nature of the services required for the Adviser to manage its mutual fund business versus managing a discrete pool of assets as a subadviser to another institution's mutual fund or for an institutional account and that the Adviser generally performs significant additional services and assumes greater risk in managing the fund and other T. Rowe Price funds than it does for institutional account clients, including subadvised funds.

On the basis of the information provided and the factors considered, the Board concluded that the fees paid by the fund under the Advisory Contract are reasonable.

Approval of the Advisory Contract and Subadvisory Contract

As noted, the Board approved the continuation of the Advisory Contract and Subadvisory Contract. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the continuation of the Advisory Contract and Subadvisory Contract (including the fees to be charged for services thereunder).

This page intentionally left blank.

T.RowePrice®

100 East Pratt Street Baltimore, MD 21202

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

T.RowePrice®



SEMIANNUAL REPORT

June 30, 2022

T. ROWE PRICE

Moderate Allocation Portfolio

For more insights from T. Rowe Price investment professionals, go to **troweprice.com**.

HIGHLIGHTS

- The Moderate Allocation Portfolio underperformed its combined index portfolio benchmark and its Lipper peer group average for the six months ended June 30, 2022.
- We expect a challenging economic and earnings environment, as persistent inflation and tightening monetary policy represent headwinds to growth and equity market returns. Given the range of potential paths for growth and inflation, our positioning remains cautious as we seek to hedge against more extreme outcomes such as stagflation and recession.
- While equity valuations appear more reasonable after recent declines, we remain underweight stocks relative to bonds and cash. We
 reduced our overweight to U.S. large-cap value stocks to moderate the cyclical exposure of our equity allocation. We trimmed our
 position in short-term Treasury inflation-protected securities and added to cash as inflation expectations appear to have peaked amid
 aggressive Federal Reserve (Fed) tightening prospects.
- We believe that the Moderate Allocation Portfolio's diversification and flexibility to identify investment opportunities across sectors and regions should help us perform in a variety of market environments over the long term.

Go Paperless

Sign up for e-delivery of your statements, confirmations, and prospectuses or shareholder reports.

(→) TO ENROLL:

If you invest directly with T. Rowe Price, go to **troweprice.com/paperless**.

If you invest through an investment advisor, a bank, or a brokerage firm, please contact that organization and ask if it can provide electronic documentation. **It's fast**—receive your statements and confirmations faster than U.S. mail.

It's convenient–access your important account documents whenever you need them.

It's secure—we protect your online accounts using "True Identity" to confirm new accounts and make verification faster and more secure.

It can save you money—where applicable, T. Rowe Price passes on the cost savings to fund holders.*

Log in to your account at **troweprice.com** for more information.

*Certain mutual fund accounts that are assessed an annual account service fee can also save money by switching to e-delivery.

Market Commentary

Dear Investor

Major stock and bond indexes produced sharply negative results during the first half of 2022 as investors contended with persistently high inflation, tightening financial conditions, and slowing growth.

After reaching an all-time high on January 3, the S&P 500 Index finished the period down about 20%, the worst first half of a calendar year for the index since 1970. Double-digit losses were common in equity markets around the globe, and bond investors also faced a historically tough environment amid a sharp rise in interest rates.

Value shares outperformed growth stocks as equity investors turned risk averse and rising rates put downward pressure on growth stock valuations. Emerging markets stocks held up somewhat better than shares in developed markets due to the strong performance of some oil-exporting countries. Meanwhile, the U.S. dollar strengthened during the period, which weighed on returns for U.S. investors in international securities.

Within the S&P 500, energy was the only bright spot, gaining more than 30% as oil prices jumped in response to Russia's invasion of Ukraine and the ensuing commodity supply crunch. Typically defensive shares, such as utilities, consumer staples, and health care, finished in negative territory but held up relatively well. The consumer discretionary, communication services, and information technology sectors were the weakest performers. Shares of some major retailers fell sharply following earnings misses driven in part by overstocked inventories.

Inflation remained the leading concern for investors throughout the period. Despite hopes in 2021 that the problem was transitory, and later expectations that inflation would peak in the spring, headline consumer prices continued to grind higher throughout the first half of 2022. The war in Ukraine exacerbated already existing supply chain problems, and other factors, such as the impact of the fiscal and monetary stimulus enacted during the pandemic and strong consumer demand, also pushed prices higher. The May consumer price index report (the last to be issued during our reporting period) showed prices increasing 8.6% over the 12-month period, the largest jump since late 1981.

In response, the Federal Reserve, which at the end of 2021 had forecast that only three 25-basis-point (0.25 percentage point) rate hikes would be necessary in all of 2022, rapidly shifted in a hawkish direction and executed three rate increases in the first six months of the year. The policy moves included hikes of 25, 50, and 75 basis points—the largest single increase since 1994—increasing the central bank's short-term lending benchmark from near zero to a target range of 1.50% to 1.75% by the end of June. In addition, the Fed ended the purchases of Treasuries and agency mortgage-backed securities that it had begun to support the economy early in the pandemic and started reducing its balance sheet in June.

Longer-term bond yields also increased considerably as the Fed tightened monetary policy, with the yield on the benchmark 10-year U.S. Treasury note reaching 3.49% on June 14, its highest level in more than a decade. (Bond prices and yields move in opposite directions.) Higher mortgage rates led to signs of cooling in the housing market.

The economy continued to add jobs during the period, and other indicators pointed to a slowing but still expanding economy. However, the University of Michigan consumer sentiment index dropped in June to its lowest level since records began in 1978 as higher inflation expectations undermined confidence.

Looking ahead, investors are likely to remain focused on whether the Fed can tame inflation without sending the economy into recession, a backdrop that could produce continued volatility. We believe this environment makes skilled active management a critical tool for identifying risks and opportunities, and our investment teams will continue to use fundamental research to identify companies that can add value to your portfolio over the long term.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert fr. Shanfor

Robert Sharps CEO and President

INVESTMENT OBJECTIVE

The fund seeks the highest total return over time consistent with an emphasis on both capital appreciation and income.

FUND COMMENTARY

How did the fund perform in the past six months?

The Moderate Allocation Portfolio returned -18.28% in the six months ended June 30, 2022. The portfolio underperformed its combined index portfolio benchmark and its peer group, the Lipper Variable Annuity Underlying Mixed-Asset Target Allocation Moderate Funds Average. (*Past performance cannot guarantee future results.*)

PERFORMANCE COMPARISON	
Six-Month Period Ended 6/30/22	Total Return
Moderate Allocation Portfolio	-18.28%
Morningstar Moderate Target Risk Index	-15.94
Combined Index Portfolio*	-15.38
Lipper Variable Annuity Underlying Mixed-Asset	
Target Allocation Moderate Funds Average	-15.61

*For a definition of the combined index portfolio, please see the Benchmark Information section.

What factors influenced the fund's performance?

Security selection within the portfolio's underlying investments and exposure to diversifying sectors drove relative underperformance. U.S. stocks declined considerably in the first half of 2022 as investors shunned riskier assets in response to Russia's invasion of Ukraine, elevated inflation exacerbated by rising commodity prices, and a hawkish Fed. With respect to security selection, the U.S. large-cap growth equity allocation was a notable detractor. Within the allocation, consumer discretionary, communication services, and information technology stocks performed worst, as rising interest rates hurt growth companies by reducing the present value of their future profits. Security selection within U.S. large-cap value equities also held back relative returns, driven by an underweight to the energy sector. Energy stocks produced extraordinary gains, particularly early in the period when oil and natural gas prices surged after many nations sanctioned Russia and made efforts to reduce reliance on Russian energy exports because of its invasion of Ukraine. Within fixed income, our U.S. investment-grade bond allocation hurt relative results. Yields rose sharply as the Fed has increased official short-term interest rates by 150 basis points since March in response to elevated inflation.

The inclusion of diversifying fixed income sectors detracted from relative returns, driven by exposure to emerging markets bonds. The sector declined as central banks in emerging countries raised interest rates to fight inflation and defend weakening currencies. Out-of-benchmark exposure to nondollar bonds also hurt relative performance, as a strengthening U.S. dollar over the period detracted from returns. Conversely, exposure to real assets stocks bolstered relative results as energy stocks produced extraordinary gains, as noted earlier. Although exposure to real assets was beneficial, an underweight allocation and security selection within the sector moderated this positive impact. We closed the underweight toward the end of the period and are now neutral to the sector.

Overall, tactical decisions to overweight and underweight asset classes modestly weighed on relative returns. Our underweight to equities lifted results as bonds held up better than equities for the period; however, an underweight to cash had an adverse impact, as negative returns in both equities and bonds trailed the modest gain from cash. Within equities, a favorable overweight allocation to U.S. large-cap value equities, which significantly outperformed growth equities for the period, proved favorable. An overweight to inflation-linked securities was also beneficial as elevated inflation pushed prices higher over the period.

How is the fund positioned?

As of June 30, 2022, we are underweight stocks relative to bonds. While equity valuations appear more reasonable after recent declines, we remain underweight stocks and cash relative to bonds. Stocks remain vulnerable to tightening Fed policy amid lingering inflation concerns as corporate earnings face pressure from a slowing economy. The Fed is focused on raising interest rates to combat inflation, with several rate hikes expected as the year progresses. Within fixed income, credit spreads appear more attractive in the wake of heightened risk-off sentiment. However tighter monetary policies from global central banks and persistent inflation could keep upward pressure on yields.

Stocks

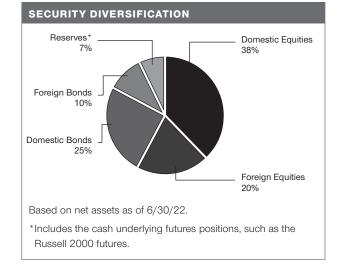
On a regional basis, we are modestly overweight to international stocks, with a tilt toward emerging markets, relative to U.S. stocks given more reasonable valuations. However, Russia's protracted assault on Ukraine will continue to weigh on the global growth outlook, global trade, and supply chain improvement. U.S. stocks generally have a growth orientation and are more susceptible to rising rates, but limited exposure to cyclical trends may prove beneficial should recession concerns worsen. We continue to be overweight to emerging markets stocks, which offer more compelling valuations relative to developed markets stocks. Pandemicrelated lockdowns remain a near-term headwind in China, but the prospects of more significant policy support could boost the intermediate-term outlook for emerging markets broadly. In the U.S., we trimmed our overweight to value-oriented equities. While value stocks remain relatively attractive, the gap with growth has narrowed, and the cyclical outlook has weakened. The stay-at-home tailwind that benefited growth stocks continues to fade, and equity valuations could be pressured by higher rates. We are overweight to U.S. small-cap stocks relative to larger companies. We believe small-cap equities offer attractive relative valuations and reasonable earnings growth. However, elevated input costs, wage pressures, and heightened market volatility could challenge performance.

We added to inflation-sensitive real assets equities and are now neutral to the asset class, which we believe can provide a hedge should inflationary pressures persist longer, or settle higher, than expected. Although commodity valuations are elevated, geopolitical risks and supply shortages are likely to endure over the near to medium term. The real estate sector remains attractive in the context of economic recovery as the sector offers income and an ability to raise rents, but equity prices remain vulnerable to rising rates.

Bonds

We believe that, in an environment of challenged equity returns, high yield bonds offer a compelling risk-adjusted return profile. We are overweight to high yield bonds given attractive yield and spread levels. High yield credit fundamentals are still strong, default risk remains low, and elevated commodity prices are supportive. Additionally, exposure to the energy sector, which makes up a significant portion of the high yield sector, should be beneficial.

We are modestly overweight to nondollar bonds, as the sector provides potential yield curve diversification, particularly given the differing paces with which various central banks are progressing with monetary policy tightening. While near-term risks remain that the U.S. dollar could strengthen further in a risk-off environment, nondollar bonds should benefit from more supportive currency dynamics over the intermediate term given narrowing growth and real interest rate differentials. We increased our exposure and are now overweight to dollar-denominated emerging markets bonds given attractive valuations and a growing number of idiosyncratic opportunities. However, geopolitical tensions, lingering coronavirus concerns, and fiscal pressures remain risks against the backdrop of higher U.S. interest rates and a stronger U.S. dollar.



What is portfolio management's outlook?

Global equity and bond markets have been volatile, as stubbornly high inflation and rising interest rates have weighed on financial markets. The level of uncertainty in global markets remains high, and the ongoing war in Ukraine has exacerbated these risks. With inflation at multi-decade highs, the Fed has made fighting inflation its top priority, and central bank officials intend to pursue an aggressive pace of tightening to achieve their goal. The key question is whether the Fed and other major central banks will be able to tame inflation without stifling economic growth and causing a recession. While there have been signs in some markets that price pressures may be easing, we believe inflation will probably settle at uncomfortably high levels, likely above the Fed's 2% long-term inflation target in a post-pandemic environment.

We expect a challenging economic and earnings environment as persistent inflation and tightening monetary policy represent headwinds to growth and equity market returns. Given the range of potential paths for growth and inflation, our positioning remains cautious as we seek to hedge against more extreme outcomes such as stagflation and recession. Other key risks to global markets include central bank missteps, persistent inflation, impacts of the Russia-Ukraine conflict, the potential for a sharp slowdown in global growth, and China's balance between containing COVID and encouraging economic growth. In our view, these conditions contribute to a less compelling risk/reward trade-off between stocks and bonds in the near term, and we believe that a more modest allocation to equities may be prudent. In a dynamic market, we continue to assess when to add to equities, as we evaluate attractive long-term valuations and early indications of stabilization or improvement in macroeconomic conditions. The elevated levels of volatility and uncertainty in global markets underscore the value of our thoughtful strategic investing approach. Given the uncertain impact of positive and negative forces driving global financial markets, we believe the Moderate Allocation Portfolio's broad diversification and the strength of T. Rowe Price's fundamental research platform should help us perform in a variety of market environments over the long term.

The views expressed reflect the opinions of T. Rowe Price as of the date of this report and are subject to change based on changes in market, economic, or other conditions. These views are not intended to be a forecast of future events and are no guarantee of future results.

RISKS OF INVESTING IN STOCKS

As with all stock and bond mutual funds, the fund's share price can fall because of weakness in the stock or bond markets, a particular industry, or specific holdings. Stock markets can decline for many reasons, including adverse political or economic developments, changes in investor psychology, or heavy institutional selling. The prospects for an industry or company may deteriorate because of a variety of factors, including disappointing earnings or changes in the competitive environment. In addition, the investment manager's assessment of companies held in a fund may prove incorrect, resulting in losses or poor performance even in rising markets. A sizable cash or fixed income position may hinder the fund from participating fully in a strong, rapidly rising bull market. In addition, significant exposure to bonds increases the risk that the fund's share value could be hurt by rising interest rates or credit downgrades or defaults. Convertible securities are also exposed to price fluctuations of the company's stock.

RISKS OF INTERNATIONAL INVESTING

Funds that invest overseas generally carry more risk than funds that invest strictly in U.S. assets. Funds investing in a single country or in a limited geographic region tend to be riskier than more diversified funds. Risks can result from varying stages of economic and political development; differing regulatory environments, trading days, and accounting standards; and higher transaction costs of non-U.S. markets. Non-U.S. investments are also subject to currency risk, or a decline in the value of a foreign currency versus the U.S. dollar, which reduces the dollar value of securities denominated in that currency.

RISKS OF INVESTING IN BONDS

Funds that invest in bonds are subject to interest rate risk, the decline in bond prices that usually accompanies a rise in interest rates. Longer-maturity bonds typically decline more than those with shorter maturities. Funds that invest in bonds are also subject to credit risk, the chance that any fund holding could have its credit rating downgraded or that a bond issuer will default (fail to make timely payments of interest or principal), potentially reducing the fund's income level and share price.

BENCHMARK INFORMATION

Combined Index Portfolio: An unmanaged blended index benchmark composed of the following underlying indexes as of June 30, 2022: 60% stocks (42% Russell 3000 Index, 18% MSCI All-Country World ex USA Index Net), 30% bonds (Bloomberg U.S. Aggregate Bond Index), and 10% money market securities (FTSE 3-Month Treasury Bill Index).

Note: Bloomberg[®] and Bloomberg U.S. Aggregate Bond Index are service marks of Bloomberg Finance L.P. and its affiliates, including Bloomberg Index Services Limited ("BISL"), the administrator of the index (collectively, "Bloomberg") and have been licensed for use for certain purposes by T. Rowe Price. Bloomberg is not affiliated with T. Rowe Price, and Bloomberg does not approve, endorse, review, or recommend its products. Bloomberg does not guarantee the timeliness, accurateness, or completeness of any data or information relating to its products.

Note: London Stock Exchange Group plc and its group undertakings (collectively, the "LSE Group"). © LSE Group 2022. FTSE Russell is a trading name of certain of the LSE Group companies. "FTSE®" and "Russell®" are trademarks of the relevant LSE Group companies and are used by any other LSE Group company under license. All rights in the FTSE Russell indexes or data vest in the relevant LSE Group company which owns the index or the data. Neither LSE Group nor its licensors accept any liability for any errors or omissions in the indexes or data and no party may rely on any indexes or data contained in this communication. No further distribution of data from the LSE Group is permitted without the relevant LSE Group company's express written consent. The LSE Group does not promote, sponsor, or endorse the content of this communication. The LSE Group is not responsible for the formatting or configuration of this material or for any inaccuracy in T. Rowe Price's presentation thereof.

Note: Portions of the portfolio information contained in this report was supplied by Lipper, a Refinitiv Company, subject to the following: Copyright 2022 © Refinitiv. All rights reserved. Any copying, republication or redistribution of Lipper content is expressly prohibited without the prior written consent of Lipper. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Note: ©2022 Morningstar, Inc. All rights reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete, or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. Past performance is no guarantee of future results.

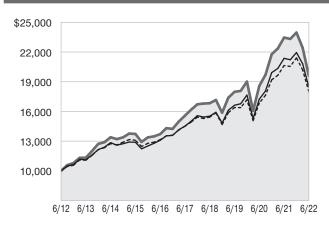
BENCHMARK INFORMATION (CONTINUED)

Source: MSCI. MSCI and its affiliates and third-party sources and providers (collectively, "MSCI") makes no express or implied warranties or representations and shall have no liability whatsoever with respect to any MSCI data contained herein. The MSCI data may not be further redistributed or used as a basis for other indices or any securities or financial products. This report is not approved, reviewed, or produced by MSCI. Historical MSCI data and analysis should not be taken as an indication or guarantee of any future performance analysis, forecast or prediction. None of the MSCI data is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such.

GROWTH OF \$10,000

This chart shows the value of a hypothetical \$10,000 investment in the portfolio over the past 10 fiscal year periods or since inception (for portfolios lacking 10-year records). The result is compared with benchmarks, which include a broad-based market index and may also include a peer group average or index. Market indexes do not include expenses, which are deducted from portfolio returns as well as mutual fund averages and indexes.

MODERATE ALLOCATION PORTFOLIO



_	Moderate Allocation Portfolio	\$19,586
_	Morningstar Moderate Target Risk Index	18,450
	Lipper Variable Annuity Underlying Mixed-Asset Target Allocation Moderate Funds Average	17,988

As of 6/30/22

AVERAGE ANNUAL COMPOUND TOTAL RETURN

Periods Ended 6/30/22	1 Year	5 Years	10 Years
Moderate Allocation Portfolio	-16.51%	4.69%	6.95%

The fund's performance information represents only past performance and is not necessarily an indication of future results. Current performance may be lower or higher than the performance data cited. Share price, principal value, and return will vary, and you may have a gain or loss when you sell your shares. For the most recent month-end performance, please contact a T. Rowe Price representative at 1-800-469-6587 (financial advisors, or customers who have an advisor, should call 1-800-638-8790). Total returns do not include charges imposed by your insurance company's separate account. If these had been included, performance would have been lower.

This table shows how the portfolio would have performed each year if its actual (or cumulative) returns for the periods shown had been earned at a constant rate. Average annual total return figures include changes in principal value, reinvested dividends, and capital gain distributions. When assessing performance, investors should consider both short- and long-term returns.

FUND EXPENSE EXAMPLE

As a mutual fund shareholder, you may incur two types of costs: (1) transaction costs, such as redemption fees or sales loads, and (2) ongoing costs, including management fees, distribution and service (12b-1) fees, and other fund expenses. The following example is intended to help you understand your ongoing costs (in dollars) of investing in the fund and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the most recent six-month period and held for the entire period.

Actual Expenses

The first line of the following table (Actual) provides information about actual account values and actual expenses. You may use the information on this line, together with your account balance, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number on the first line under the heading "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The information on the second line of the table (Hypothetical) is based on hypothetical account values and expenses derived from the fund's actual expense ratio and an assumed 5% per year rate of return before expenses (not the fund's actual return). You may compare the ongoing costs of investing in the fund with other funds by contrasting this 5% hypothetical example and the 5% hypothetical examples that appear in the shareholder reports of the other funds. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period.

You should also be aware that the expenses shown in the table highlight only your ongoing costs and do not reflect any transaction costs, such as redemption fees or sales loads. Therefore, the second line of the table is useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. To the extent a fund charges transaction costs, however, the total cost of owning that fund is higher.

MODERATE ALLOCATION PORTFOLIO

	Beginning Account Value 1/1/22	Ending Account Value 6/30/22	Expenses Paid During Period* 1/1/22 to 6/30/22
Actual	\$1,000.00	\$817.20	\$3.15
Hypothetical (assumes 5% return before expenses)	1,000.00	1,021.32	3.51

*Expenses are equal to the fund's annualized expense ratio for the 6-month period (0.70%), multiplied by the average account value over the period, multiplied by the number of days in the most recent fiscal half year (181), and divided by the days in the year (365) to reflect the half-year period.

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

	6 Months Ended 6/30/22	Year Ended 12/31/21	12/31/20	12/31/19	12/31/18	12/31/17
NET ASSET VALUE Beginning of period	\$ 22.63	\$ 22.92	\$ 20.96	\$ 18.31	\$ 21.09	\$ 19.17
Investment activities						
Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	0.14	0.24	0.28	0.38	0.39	0.30
loss	(4.27)	2.02	2.72	3.22	(1.44)	3.02
Total from investment activities	 (4.13)	 2.26	 3.00	 3.60	 (1.05)	 3.32
Distributions						
Net investment income	(0.14)	(0.24)	(0.29)	(0.40)	(0.38)	(0.32)
Net realized gain	 -	(2.31)	 (0.75)	 (0.55)	(1.35)	 (1.08)
Total distributions	 (0.14)	 (2.55)	 (1.04)	 (0.95)	 (1.73)	 (1.40)
NET ASSET VALUE						
End of period	\$ 18.36	\$ 22.63	\$ 22.92	\$ 20.96	\$ 18.31	\$ 21.09
Ratios/Supplemental Data						
Total return ⁽²⁾⁽³⁾	 (18.28)%	 10.06%	 14.54%	 19.80%	 (5.08)%	 17.41%
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/						
payments by Price Associates ⁽⁴⁾ Net expenses after waivers/	 0.90%(5)	 0.90%	 0.90%	 0.90%	 0.88%	 0.90%
payments by Price Associates	0.70%(5)	0.71%	0.72%	0.72%	0.76%	0.78%
Net investment income	 1.39%(5)	 1.00%	 1.32%	 1.88%	 1.84%	 1.43%
Portfolio turnover rate Net assets, end of period (in	 56.3%	 82.3%	 65.5%	 91.2%	 77.0%	 61.8%
thousands)	\$ 166,670	\$ 209,296	\$ 200,870	\$ 184,645	\$ 166,744	\$ 184,401

 $^{\scriptscriptstyle (1)}$ Per share amounts calculated using average shares outstanding method.

⁽²⁾ See Note 7 for details of expense-related arrangements with Price Associates.

(3) Total return reflects the rate that an investor would have earned on an investment in the fund during each period, assuming reinvestment of all distributions, and payment of no redemption or account fees, if applicable. Total return is not annualized for periods less than one year.

(4) See Note 7. Prior to 12/31/19, the gross expense ratios presented are net of a management fee waiver in effect during the period, as applicable.
 (5) Annualized

June 30, 2022 (Unaudited)

(

PORTFOLIO OF **INVESTMENTS[‡]** Shares/Par \$ Value (Cost and value in \$000s) **ASSET-BACKED SECURITIES 1.6%** AmeriCredit Automobile Receivables Trust Series 2020-3, Class D 1.49%, 9/18/26 20,000 19 AmeriCredit Automobile Receivables Trust Series 2021-1, Class D 1.21%, 12/18/26 30,000 28 Amur Equipment Finance Receivables Х Series 2022-1A, Class D 100,000 2.91%, 8/21/28 (1) 93 Applebee's Funding Series 2019-1A, Class A2I 4.194%, 6/5/49 (1) 118,800 115 Benefit Street Partners XX Series 2020-20A, Class AR, CLO, FRN 3M USD LIBOR + 1.17%, 2.214%, 250,000 242 7/15/34 (1) Carlyle U.S. Series 2019-4A, Class A11R, CLO, FRN 3M TSFR + 1.32%, 2.166%, 250,000 4/15/35(1) 243 Carmax Auto Owner Trust Series 2021-1, Class D 1.28%, 7/15/27 90,000 82 CarMax Auto Owner Trust Series 2022-1, Class D 2.47%, 7/17/28 20,000 19 Carvana Auto Receivables Trust Series 2022-P1, Class C 3.30%, 4/10/28 35,000 32 CBAM Series 2019-9A, Class A, CLO, FRN 3M USD LIBOR + 1.28%, 2.324%, 2/12/30(1) 246,649 244 **CIFC** Funding Series 2020-1A, Class A1R, CLO, FRN 3M USD LIBOR + 1.15%, 2.194%, 7/15/36(1) 250,000 242 Driven Brands Funding Series 2020-2A, Class A2 3.237%, 1/20/51 (1) 58 64,188 Exeter Automobile Receivables Trust Series 2022-2A, Class C 3.85%, 7/17/28 75,000 73 Exeter Automobile Receivables Trust Series 2022-3A, Class C 5.30%, 9/15/27 50,000 50 Ford Credit Auto Owner Trust Series 2018-1, Class C 3.49%, 7/15/31 (1) 100,000 96 Hardee's Funding Series 2018-1A, Class A2II 4.959%, 6/20/48 (1) 52,938 51 HPEFS Equipment Trust Series 2022-1A, Class D 2.40%, 11/20/29 (1) 100,000 93

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Kings Park Series 2021-1A, Class A, CLO, FRN 3M USD LIBOR + 1.13%, 1.478%, 1/21/35 (1) Navient Private Education Refi Loan	250,000	241
Trust Series 2022-A, Class A 2.23%, 7/15/70 (1) New Economy Assets Phase 1 Sponsor	100,033	93
Series 2021-1, Class A1 1.91%, 10/20/61 (1) Santander Drive Auto Receivables Trust	110,000	96
Series 2021-4, Class D 1.67%, 10/15/27 Santander Drive Auto Receivables Trust	25,000	23
Series 2022-2, Class C 3.76%, 7/16/29 Santander Retail Auto Lease Trust Series 2019-B, Class C	40,000	39
2.77%, 8/21/23 (1) Santander Retail Auto Lease Trust Series 2019-B, Class D	5,262	5
3.31%, 6/20/24 (1) Santander Retail Auto Lease Trust Series 2021-A, Class D	100,000	100
1.38%, 3/22/27 (1) SMB Private Education Loan Trust	50,000	47
Series 2018-A, Class A2A 3.50%, 2/15/36 (1) SMB Private Education Loan Trust Series 2018-C, Class A2A	61,517	60
3.63%, 11/15/35 (1) SMB Private Education Loan Trust Series 2021-A, Class B	56,560	56
2.31%, 1/15/53 (1)	100,000	91
Total Asset-Backed Securities (Cost \$2,747)		2,631
BOND MUTUAL FUNDS 14.6%		
T. Rowe Price Inflation Protected Bond Fund - I Class, 5.89% (2)(3) T. Rowe Price Institutional Emerging	483	6
Markets Bond Fund, 6.91% (2)(3) T. Rowe Price Institutional Floating Rate Fund - Institutional Class,	1,050,079	6,447
4.75% (2)(3) T. Rowe Price Institutional High Yield	81,475	740
Fund - Institutional Class, 7.83% (2)(3) T. Rowe Price International Bond Fund	1,267,322	9,315
- I Class, 2.91% (2)(3) T. Rowe Price Limited Duration	953,303	7,102
Inflation Focused Bond Fund - I Class, 5.04% (2)(3)	159,125	821
Total Bond Mutual Funds (Cost \$29,865)		24,431

	Shares/Par	\$ Value
(Cost and value in \$000s)		
COMMON STOCKS 50.9%		
COMMUNICATION SERVICES 4.0%		
Diversified Telecommunication		
Services 0.3%		
KT (KRW)	2,465	69
Nippon Telegraph & Telephone (JPY)	14,900	428
Entertainment 0.4%		497
Cinemark Holdings (4)	1,237	19
Netflix (4)	574	100
Sea, ADR (4)	3,045	204
Spotify Technology (4)	502	47
Walt Disney (4)	3,850	363
Interactive Media & Services 2.9%		733
Alphabet, Class A (4)	127	277
Alphabet, Class C (4)	1,401	3,064
Bumble, Class A (4)	996	28
Meta Platforms, Class A (4)	5,710	921
NAVER (KRW) Pinterest, Class A (4)	2.490	75 45
Snap, Class A (4)	10,269	135
Tencent Holdings (HKD)	3,800	172
Vimeo (4)	1,768	10
Z Holdings (JPY)	18,500	
Media 0.2%		4,781
Cable One	77	100
CyberAgent (JPY)	10,300	103
Stroeer (EUR) WPP (GBP)	948 12,600	43
	12,000	373
Wireless Telecommunication Services 0.2%		
SoftBank Group (JPY)	1,500	58
T-Mobile U.S. (4)	636	86
Vodafone Group, ADR	10,090	157
		301
Total Communication Services CONSUMER DISCRETIONARY 5.9%		6,685
Auto Components 0.3%		
Autoliv, SDR (SEK)	1,079	79
Denso (JPY)	1,500	79
Gentherm (4)	452	28
Magna International	2,753	151
Stanley Electric (JPY) Sumitomo Rubber Industries (JPY) (5)	3,000 3,300	49 28
		414
Automobiles 1.0%		
General Motors (4)	2,100	67
Honda Motor (JPY)	1,900	46
Rivian Automotive, Class A (4) Suzuki Motor (JPY)	2,965 2,500	76 79
Tesla (4)	1,627	1,096

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Toyota Motor (JPY)	20,000	308
		1,672
Diversified Consumer Services 0.1%		
Bright Horizons Family Solutions (4)	680	58
Clear Secure, Class A (4)	2,358	47
Rover Group, Acquisition Date:		
8/2/21, Cost \$— (4)(6)	823	_
		105
Hotels, Restaurants & Leisure 1.1%		
BJ's Restaurants (4)	1,176	26
Booking Holdings (4)	82	143
Chipotle Mexican Grill (4)	169	221
Chuy's Holdings (4) Compass Group (GBP)	1,027 8,993	20 185
Denny's (4)	105	105
Dutch Bros, Class A (4)	369	12
Fiesta Restaurant Group (4)	2,392	17
Hilton Worldwide Holdings	610	68
Marriott International, Class A	450	61
Marriott Vacations Worldwide	166	19
McDonald's	1,373	339
Papa John's International	1,031	86
Red Robin Gourmet Burgers (4)	726	6
Red Rock Resorts, Class A	359	12
Ruth's Hospitality Group Starbucks	1,110 1,280	18 98
Yum! Brands	3,737	424
		1,756
Household Durables 0.3%		1,750
	117	00
Cavco Industries (4) Panasonic Holdings (JPY)	117 13,000	23 105
Persimmon (GBP)	3,930	90
Skyline Champion (4)	915	43
Sony Group (JPY)	2,000	163
·····		424
Internet & Direct Marketing		
Retail 1.7%		
Alibaba Group Holding, ADR (4)	265	30
Amazon.com (4)	23,472	2,493
ASOS (GBP) (4)	3,260	33
Big Sky Growth Partners (4)	1,141	11
DoorDash, Class A (4)	1,940	125
Farfetch, Class A (4)	2,471	18
Rent the Runway, Class A (4)	592	2
THG (GBP) (4) Xometry, Class A (4)	<u>6,111</u> 742	6 25
Zalando (EUR) (4)	2,321	61
		2,804
Multiline Retail 0.5%		2,004
Dollar General	2,767	679
Next (GBP)	1,476	106
Ollie's Bargain Outlet Holdings (4)	1,556	91
		876
Specialty Retail 0.4%		0,0
Burlington Stores (4)	527	72
Carvana (4)	2,412	55
	/ /	

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Five Below (4)	157	18
Kingfisher (GBP)	49,544	148
KKR Acquisition Holdings I (4)	1,816	18
Monro	1,102	47
RH (4)	72	15
Ross Stores	2,476	174
TJX	2,727	152
Warby Parker, Class A (4)	1,859	21
Textiles, Apparel & Luxury Goods 0.5%		720
Dr. Martens (GBP)	14,459	42
EssilorLuxottica (EUR)	787	119
Kering (EUR)	176	91
Lululemon Athletica (4)	611	167
Moncler (EUR)	2,134	92
NIKE, Class B	1,939	198
Samsonite International (HKD) (4)	23,700	47
Skechers USA, Class A (4)	1,238	44
		800
Total Consumer Discretionary		9,571
CONSUMER STAPLES 3.3%		
Beverages 0.7%		
Boston Beer, Class A (4)	252	76
Coca-Cola	2,901	182
Diageo (GBP)	4,198	181
Keurig Dr Pepper	13,127	465
Kirin Holdings (JPY) (5)	4,600	73
Monster Beverage (4)	2,649	246
Food & Staples Retailing 0.5%		1,223
Seven & i Holdings (JPY)	4,500	175
Walmart	5,347	650
Welcia Holdings (JPY)	1,900	38
Food Products 0.9%		863
Barry Callebaut (CHF)	43	96
Cal-Maine Foods	643	32
	650	39
Darling Ingredients (4) Mondelez International, Class A	4,392	273
Nestle (CHF)	5 0 5 7	696
Nomad Foods (4)	1,875	37
Post Holdings (4)	582	48
Post Holdings Partnering (4)	/24	7
TreeHouse Foods (4) Utz Brands	438 2,101	18 29
Wilmar International (SGD)	50,100	
	30,100	146 1,421
Household Products 0.3%		
Procter & Gamble	3,613	519
Development Development of 50%		519
Personal Products 0.5%	1.001	
BellRing Brands (4)	EEC	50
L'Oreal (EUR) Pola Orbis Holdings (JPY) (5)	1 300	193 16
Pola Orbis Holdings (JP F) (5)	1,300	10

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Unilever (GBP)	10,972	500
		759
Tobacco 0.4%		
Philip Morris International	6,829	674
		674
Total Consumer Staples		5,459
ENERGY 1.4%		
Energy Equipment & Services 0.1%	550	
Cactus, Class A	556 3,117	23
Liberty Energy, Class A (4) NexTier Oilfield Solutions (4)	4,876	40
Worley (AUD)	13,497	133
		242
Oil, Gas & Consumable Fuels 1.3%		
ConocoPhillips	29	2
Devon Energy	1,268	70
Diamondback Energy	718	87
EOG Resources	134	15
Equinor (NOK) Exxon Mobil	9,488 1,585	330
Magnolia Oil & Gas, Class A	3,703	78
Shell, ADR	2,283	119
TC Energy	1,162	60
TotalEnergies (EUR) (5)	20,384	1,073
TotalEnergies, ADR	2,111	111
Valero Energy Venture Global LNG, Series B,	195	21
Acquisition Date: 3/8/18, Cost \$3 (4)		
(6)(7)	1	6
Venture Global LNG, Series C,		
Acquisition Date: 5/25/17 - 3/8/18, Cost \$18 (4)(6)(7)	5	30
Williams	1,693	53
Woodside Energy Group (GBP) (4)		22
		2,213
Total Energy		2,455
FINANCIALS 6.5%		
Banks 2.4%		
Australia & New Zealand Banking		
Group (AUD)	5,640	86
Bank of America	11,404	355
BankUnited BNP Paribas (EUR)	1,855 2,218	66 106
Cadence Bank	1,385	33
Citigroup	75	3
Close Brothers Group (GBP)	2,072	26
CRB Group, Acquisition Date:		
4/14/22, Cost \$2 (4)(6)(7)	23	2
CrossFirst Bankshares (4) DBS Group Holdings (SGD)	1,373 3,875	18 83
Dime Community Bancshares	1,136	34
DNB Bank (NOK)	11,769	213
2112 20010 (11010)		
Dogwood State Bank, Non-Voting		
	307	6

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Dogwood State Bank, Voting Shares,		
Acquisition Date: 5/6/19, Cost \$2 (4)		
(6)(7)	151	3
Dogwood State Bank, Warrants,		
5/6/24, Acquisition Date: 5/6/19, Cost \$– (4)(6)(7)	46	_
East West Bancorp	703	46
Equity Bancshares, Class A	707	21
Erste Group Bank (EUR)	1,604	41
FB Financial	1,089	43
First Bancshares	822	23
Five Star Bancorp	682	18
Grasshopper Bancorp, Acquisition		
Date: 10/12/18 - 5/2/19, Cost \$5 (4)		
(6)(7)	528	2
Grasshopper Bancorp, Warrants,		
10/12/28, Acquisition Date: 10/12/18, Cost \$- (4)(6)(7)	104	
Heritage Commerce	2,774	30
Home BancShares	1,570	33
ING Groep (EUR)	21,294	210
Intesa Sanpaolo (EUR)	30,749	58
JPMorgan Chase	7,911	891
Live Oak Bancshares	977	33
Lloyds Banking Group (GBP)	204,746	105
Mitsubishi UFJ Financial Group (JPY)	19,300	103
National Bank of Canada (CAD) (5)	3,114	204
Origin Bancorp	873	34
Pacific Premier Bancorp	1,172	34
Pinnacle Financial Partners	606	44
Popular	381	29
Professional Holding, Class A (4)	473	9
Sandy Spring Bancorp	887	35
Signature Bank SouthState		55 45
Standard Chartered (GBP)	8,204	62
Sumitomo Mitsui Trust Holdings (JPY)	2,335	72
Svenska Handelsbanken, Class A	2,000	
(SEK)	12,733	109
United Overseas Bank (SGD)	8,300	157
Veritex Holdings	658	19
Webster Financial	351	15
Wells Fargo	9,055	355
Western Alliance Bancorp	1,040	73
		4,042
Capital Markets 0.9%		
Bluescape Opportunities		
Acquisition (4)	1,586	16
Bridgepoint Group (GBP)	12,404	37
Cboe Global Markets	468	53
Charles Schwab	6,542	413
Goldman Sachs Group	977	290
Julius Baer Group (CHF)	2,448	114
Macquarie Group (AUD)	918	105
Morgan Stanley	997	76
MSCI	1 005	36
P10, Class A S&P Global	1,905 499	21 168
StepStone Group, Class A	1,303	34
	1,000	0-1

	Shares/Par	\$ Value
(Cost and value in \$000s)		
TMX Group (CAD)	240	24
XP, Class A (4)	2,625	47
AF, 01a55 A (4)	2,025	
Consumer Finance 0.0%		1,434
Encore Capital Group (4)	503	29
PRA Group (4)	760	28
Diversified Financial Services 0.2%		57
Apollo Global Management	2,208	107
Challenger (AUD)	10,266	49
Conyers Park III Acquisition (4)	1,070	11
Element Fleet Management (CAD)	14,155	147
Mitsubishi HC Capital (JPY)	10,000	46
		360
Insurance 2.9%		
AIA Group (HKD)	6,400	70
American International Group	6,778	347
Assurant	515	89
AXA (EUR)	11,744	268
Axis Capital Holdings	1,229	70
Chubb	4,588	902
Definity Financial (CAD)	1,003	26
Direct Line Insurance Group (GBP)	20,802	64
Hanover Insurance Group	404	59
Hartford Financial Services Group	2,736	179
Kemper	215	10
Manulife Financial (CAD)	6,204	108
Marsh & McLennan	770	120
MetLife	1,450	91
Munich Re (EUR)	1,184	280
PICC Property & Casualty, Class H		
(HKD)	104,000	108
Ping An Insurance Group, Class H		
(HKD)	8,000	55
Progressive	3,689	429
Sampo, Class A (EUR)	4,436	194
Selective Insurance Group	1,124	98
Storebrand (NOK)	16,312	117
Sun Life Financial (CAD)	4,592	210
Tokio Marine Holdings (JPY)	3,500	204
Travelers	3,182	538
Zurich Insurance Group (CHF)	492	215
		4,851
Thrifts & Mortgage Finance 0.1%		-
Blue Foundry Bancorp (4)	805	9
Capitol Federal Financial	1,838	17
Essent Group	923	36
Housing Development Finance (INR)	3,597	99
Kearny Financial	1,515	17
PennyMac Financial Services	1,328	58
		236
Total Financials		10,980
HEALTH CARE 9.6%		10,300
Biotechnology 1.0%		
AbbVie	5,223	800

Cost and value in \$000s) Abcam, ADR (4) 764 11 Agios Pharmaceuticals (4) 1,068 48 Arcuits Biotherapeutics (4) 183 4 Arcuits Biotherapeutics (4) 183 4 Arcuits Biotherapeutics (4) 325 123 Ascendis Pharma, ADR (4) 325 123 Ascendis Pharma, ADR (4) 619 31 Cerevel Therapeutics (4) 619 31 Cerevel Therapeutics (4) 237 14 Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Global Biood Therapeutics (4) 770 14 Karuna Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 Morphic Holding (4) 85 2 Morphic Holding (4) 85 1 Morphic Holding (4) 673 8 Nurx Therapeutics (4) 145 6		Shares/Par	\$ Value
Agios Pharmaceuticals (4) 501 11 Apellis Pharmaceuticals (4) 1,068 48 Arcutis Biotherapeutics (4) 183 4 Argenx, ADR (4) 325 123 Ascendis Pharma, ADR (4) 534 50 Avidity Biosciences (4) 709 10 Biueprint Medicines (4) 619 31 Cerevel Therapeutics (4) 237 14 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Garmad (DKK) (4) 166 54 6 Global Blood Therapeutics (4) 270 14 8 Karuan Therapeutics (4) 270 14 145 18 Karuan Therapeutics (4) 270 14 145 18 145 18 Morphic Holdings (4) 350 3 3 Morphic Holding (4) 673 8 14 145 6 RAPT Therapeutics (4) 145 6 7 7 7 7 7 7 7 7 7 7	(Cost and value in \$000s)		
Apellis Pharmaceuticals (4) 1,068 48 Arcgux, ADR (4) 183 4 Argenx, ADR (4) 325 123 Ascendis Pharma, ADR (4) 534 500 Avidity Biosciences (4) 709 10 Blueprint Medicines (4) 619 31 Cerevel Therapeutics Holdings (4) 628 17 CRISPR Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Genmab (DKK) (4) 166 54 4 Global Blood Therapeutics (4) 799 26 10 Insmed (4) 1,45 18 18 14 Kymara Therapeutics (4) 270 14 4 145 18 Kymara Therapeutics (4) 270 14 4 145 18 Kymara Therapeutics (4) 271 5 5 15 Morphic Holdings (4) 350 3 3 4 444 5 2 Morphic Holdings (4) 673	Abcam, ADR (4)	764	11
Arcuits Biotherapeutics (4) 183 4 Argenx, ADR (4) 325 123 Ascendis Pharma, ADR (4) 534 500 Avidity Biosciences (4) 709 10 Blueprint Medicines (4) 619 31 Cerevel Therapeutics (4) 237 14 Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20. Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Global Biood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 271 5 MeiraGTX Holdings (4) 305 4 Nurk Therapeutics (4) 455 6 Prothena (4) 962 26 Prothena (4) 962 26 Prothena (4) 260 5 Scholar Rock	Agios Pharmaceuticals (4)	501	11
Argenx, ADR (4) 325 123 Ascendis Pharma, ADR (4) 534 50 Avidity Biosciences (4) 709 10 Blueprint Medicines (4) 619 31 Cerevel Therapeutics (4) 628 17 CRISPR Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Genmab (DKK) (4) 166 54 Global Biood Therapeutics (4) 2,201 43 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 Morphic Holding (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 <	Apellis Pharmaceuticals (4)	1,068	48
Ascendis Pharma, ADR (4) 534 50 Avidity Biosciences (4) 709 10 Blueprint Medicines (4) 619 31 Cerevel Therapeutics Holdings (4) 628 17 CRISPR Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Ganab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Kymera Therapeutics (4) 270 14 Karuna Therapeutics (4) 270 14 Karuna Therapeutics (4) 270 14 Karua Therapeutics (4) 270 14 Karua Therapeutics (4) 270 14 Karua Therapeutics (4) 350 3 Monte Rosa Therapeutics (4) 350 3 Monte Rosa Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 <td>Arcutis Biotherapeutics (4)</td> <td>183</td> <td>4</td>	Arcutis Biotherapeutics (4)	183	4
Avidity Biosciences (4) 709 10 Blueprint Medicines (4) 619 31 Cerevel Therapeutics Holdings (4) 628 17 CRISPR Therapeutics (4) 237 14 Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20. Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1.140 8 Genmab (DKK) (4) 166 54 Global Biood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2.201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Morphic Holding (4) 85 2 Nikarta (4) 673 8 Nurix Therapeutics (4) 494 5 6 77 7 Morphic Holding (4) 85 2 7 7 7 Morphic Holding (4) 86 1 1 7 7 Repare Therapeutics (4) <td></td> <td></td> <td>123</td>			123
Blueprint Medicines (4) 619 31 Cerevel Therapeutics Holdings (4) 628 17 CRISPR Therapeutics (4) 237 14 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Generation Bio (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 273 8 Nurix Therapeutics (4) 65 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 266 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Repare Therapeutics (4) 182 3			
Cerevel Therapeutics Holdings (4) 628 17 CRISPR Therapeutics (4) 237 14 Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 6 Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurx Therapeutics (4) 145 6 Prothena (4) 962 266 PtC Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 Papere Therapeutics (4) 182 3 B			
CRISPR Therapeutics (4) 237 14 Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 8 Genmab (DKK) (4) 166 54 Global Biood Therapeutics (4) 799 26 Icosavax (4) 878 55 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 15 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 271 55 MeiraGTx Holdings (4) 350 3 3 Monte Rosa Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 3 Monte Rosa Therapeutics (4) 271 5 MeiraGTx Holding (4) 85 2 Nikarta (4) 673 8 Nurix Therapeutics (4) 271 55 5 11 Repare Therapeutics (4) 145 6 6 Prothena (4			
Fate Therapeutics (4) 484 12 Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurk Therapeutics (4) 145 6 RAPT Therapeutics (4) 142 3 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 7 7 Date (6)(T7/22, Cost \$- (4)(6) 87 - Scholar Rock, Hol			
Flame Biosciences, Acquisition Date: 9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 256 7 Feeplimune Group (4) 266 25 Scholar Rock, Warrants, Acquisition 7 7 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Hold			
9/28/20, Cost \$2 (4)(6)(7) 372 2 Generation Bio (4) 1,140 8 Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Cosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 145 18 Kymera Therapeutics (4) 271 15 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 187 - Scholar Rock Warants, Acquisition 269 2 Date: 6/17/22, Cost \$= (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 171		484	12
Generation Bio (4) 1,140 8 Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 962 26 PTC Therapeutics (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 142 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 269 2 Date: 6/17/22, Cost \$~ (4)(6) 87 - Tenaya Therapeutics (4) <t< td=""><td>· · ·</td><td>372</td><td>2</td></t<>	· · ·	372	2
Genmab (DKK) (4) 166 54 Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 145 6 PAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 296 5 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutical (4)			
Global Blood Therapeutics (4) 799 26 Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 145 18 Karuna Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 145 6 RAPT Therapeutics (4) 962 26 PTC Therapeutics (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 142 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 126 7 Scholar Rock, Warrants, Acquisition 296 5 Date: 6/17/22, Cost \$= (4)(6) 87 - Scholar Rock Holding (4) 1,			
Icosavax (4) 878 5 Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 145 18 Kymera Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 962 26 PTC Therapeutics (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 1256 7 Scholar Rock, Warrants, Acquisition 269 2 Date: 6/17/22, Cost 5 – (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4)			
Insmed (4) 2,201 43 Intellia Therapeutics (4) 270 14 Karuna Therapeutics (4) 271 5 Kymera Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Repare Therapeutics (4) 210 124 Relay Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 296 5 Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) <t< td=""><td></td><td>878</td><td></td></t<>		878	
Karuna Therapeutics (4) 145 18 Kymera Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Morphic Holding (4) 85 2 Morphic Holding (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 497 7 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 269 2 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutical (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 211 22 Zentalis Pharmaceuticals (4) 473 13 1,597		2,201	43
Kymera Therapeutics (4) 271 5 MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 296 2 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 152 36 Alcon (CHF) 798 56 Align Technology (4) 152<	Intellia Therapeutics (4)	270	14
MeiraGTx Holdings (4) 350 3 Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 145 6 RAPT Therapeutics (4) 182 3 Repare Therapeutics (4) 182 3 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 296 7 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 152 36 Alcon (CHF) 798 56 Align Technology (4) 152 36 Align Technology (4) 152		145	18
Monte Rosa Therapeutics (4) 494 5 Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 497 7 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 497 7 Replinune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 0 87 Date: 6/17/22, Cost \$-(4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceuticals (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 133 1,597 Health Care Equipment & Supplies 1.7% 2,378 258 Alcon (C		271	
Morphic Holding (4) 85 2 Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 497 7 Repare Therapeutics (4) 296 5 Scholar Rock, Warrants, Acquisition 0 87 Date: 6/17/22, Cost \$-(4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceuticals (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 133 1,597 Health Care Equipment & Supplies 1.7% 236 24 Abcott Labo		350	3
Nkarta (4) 673 8 Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 296 7 Date: 6/17/22, Cost \$-(4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% 236 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company			5
Nurix Therapeutics (4) 305 4 Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 5 5 Date: 6/17/22, Cost \$= (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Compan			
Prothena (4) 962 26 PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 296 7 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & 1,597 Health Care Equipment & 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226			
PTC Therapeutics (4) 145 6 RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 87 - Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & 30 Supplies 1.7% 798 56 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4)			
RAPT Therapeutics (4) 585 11 Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 0 87 Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 1 1,597 Health Care Equipment & 30 1,597 Health Care Equipment & 36 24 Supplies 1.7% 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 594 40			
Regeneron Pharmaceuticals (4) 210 124 Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition 0 87 Date: 6/17/22, Cost \$ (4)(6) 87 Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & 30 Supplies 1.7% 43 236 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 594 40 Intuitive Surgical (4) 1,826 367			
Relay Therapeutics (4) 182 3 Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 - Scholar Rock Holding (4) 1,256 7 - Scholar Rock Holding (4) 1,256 7 - Tenaya Therapeutics (4) 269 2 - Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 3 Xencor (4) 811 22 - - - Health Care Equipment & Supplies 1.7% - - - Abott Laboratories 2,378 258 - - Align Technology (4) 152 36 - - AtriCure (4) 501 3 - - Becton Dickinson & Company 4,974 1,226 - - CVRx (4) 501 3 - -			
Repare Therapeutics (4) 497 7 Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 - Scholar Rock Holding (4) 1,256 7 - Scholar Rock Holding (4) 1,256 7 - Tenaya Therapeutics (4) 269 2 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 313 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% 4,573 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 1,826 367 400 11 367 Intuitive Surgical (4) 1,826 367 120 <td></td> <td></td> <td></td>			
Replimune Group (4) 296 5 Scholar Rock, Warrants, Acquisition Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 - Scholar Rock Holding (4) 1,256 7 - Tenaya Therapeutics (4) 269 2 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 13 1,597 Health Care Equipment & Supplies 1.7% 1,597 1,597 Health Care Equipment & 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 301 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 40 11 40 Intuitive Surgical (4) 1,826 367 Koninklijke			
Scholar Rock, Warrants, Acquisition Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 <t< td=""><td></td><td></td><td></td></t<>			
Date: 6/17/22, Cost \$- (4)(6) 87 - Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 Health Care Equipment & 1,597 Health Care Equipment & 1,597 Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 392 19			
Scholar Rock Holding (4) 1,256 7 Tenaya Therapeutics (4) 269 2 Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 Image: space	· · · ·	87	_
Ultragenyx Pharmaceutical (4) 717 43 Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19		1,256	7
Xencor (4) 811 22 Zentalis Pharmaceuticals (4) 473 13 1,597 1,597 Health Care Equipment & 1,597 Supplies 1.7% 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	Tenaya Therapeutics (4)	269	2
Zentalis Pharmaceuticals (4) 473 13 1,597 Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	Ultragenyx Pharmaceutical (4)	717	43
1,597 Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	Xencor (4)	811	22
Health Care Equipment & Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 392 19	Zentalis Pharmaceuticals (4)	473	13
Supplies 1.7% Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			1,597
Abbott Laboratories 2,378 258 Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			
Alcon (CHF) 798 56 Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19		2 272	258
Align Technology (4) 152 36 AtriCure (4) 586 24 Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			
AtriCure (4)58624Becton Dickinson & Company4,9741,226CVRx (4)5013Elekta, Class B (SEK)11,02176ICU Medical (4)29649Inari Medical (4)59440Intuitive Surgical (4)1,826367Koninklijke Philips (EUR)5,607120Medtronic20018Nevro (4)29613NuVasive (4)39219			
Becton Dickinson & Company 4,974 1,226 CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			
CVRx (4) 501 3 Elekta, Class B (SEK) 11,021 76 ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			
ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	CVRx (4)		
ICU Medical (4) 296 49 Inari Medical (4) 594 40 Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19			
Intuitive Surgical (4) 1,826 367 Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19		296	49
Koninklijke Philips (EUR) 5,607 120 Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	Inari Medical (4)	594	40
Medtronic 200 18 Nevro (4) 296 13 NuVasive (4) 392 19	Intuitive Surgical (4)	1,826	367
Nevro (4) 296 13 NuVasive (4) 392 19	Koninklijke Philips (EUR)	5,607	120
NuVasive (4) 392 19	Medtronic	200	18
Outset Medical (4) 1,253 19			
	Outset Medical (4)	1,253	19

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Pax Labs, Class A, Acquisition Date:		
4/18/19, Cost \$15 (4)(6)(7)	3,864	3
Penumbra (4)	129	16
PROCEPT BioRobotics (4)	1,260	41
Siemens Healthineers (EUR)	3,045	155
STERIS	284	59
Stryker	1,047	208
Teleflex	271	67
Health Care Providers &		2,873
Services 2.6%		
Alignment Healthcare (4)	1,653	19
Amedisys (4)	130	14
Centene (4)	6,139	519
Cigna	548	144
dentalcorp Holdings (CAD) (4)(5)	1,455	14
Elevance Health	2,100	1,013
Fresenius (EUR)	3,890	118
Hanger (4)	1,675	24
HCA Healthcare	681	115
Humana Laboratory Corp. of America Holdings	483 368	226
ModivCare (4)	296	86 25
Molina Healthcare (4)	401	112
Option Care Health (4)	1.403	39
Pennant Group (4)	920	12
Privia Health Group (4)	1,326	39
Surgery Partners (4)	707	20
U.S. Physical Therapy	368	40
UnitedHealth Group	3,299	1,695
		4,274
Health Care Technology 0.1%		
Certara (4)	298	6
Definitive Healthcare (4)	516	12
Doximity, Class A (4)	590	21
Sophia Genetics (4)	647	2
Veeva Systems, Class A (4)	410	81
Life Sciences Tools & Services 1.0%		122
Adaptive Biotechnologies (4)	454	4
Bruker	1,192	75
Danaher	2,923	741
Evotec (EUR) (4)	2,008	49
Olink Holding, ADR (4)	956	14
PerkinElmer	1,402	199
Quanterix (4)	210	3
Rapid Micro Biosystems, Class A (4)	1,519	
Seer (4)	574	5
Thermo Fisher Scientific	1,116	606
Pharmaceuticals 3.2%		1,703
Arvinas (4)	258	11
Astellas Pharma (JPY)	16,200	253
AstraZeneca, ADR	18,013	1,190
Bayer (EUR)	3,357	201
Bristol-Myers Squibb	3,611	278

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Catalent (4)	907	97
Elanco Animal Health (4)	123	2
Eli Lilly	1,607	521
GSK, ADR	3,989	174
lpsen (EUR)	553	52
Johnson & Johnson	4,695	833
Novartis (CHF)	3,964	336
Otsuka Holdings (JPY)	3,100	111
Reata Pharmaceuticals, Class A (4)	251	8
Roche Holding (CHF)	1,262	422
Sanofi (EUR)	3,752	378
Sanofi, ADR	5,154	258
Zoetis	1,034	178
		5,303
Total Health Care		15,872
INDUSTRIALS & BUSINESS SERVICES 3.8%		10,012
Aerospace & Defense 0.4%		
Cadre Holdings	572	11
L3Harris Technologies	1,665	403
Northrop Grumman	290	139
Parsons (4)	1,070	43
Safran (EUR)	1,007	100
Airlines 0.0%		696
Sun Country Airlines Holdings (4)	267	5
Building Products 0.0%		5
CSW Industrials	246	25
Gibraltar Industries (4)	712	28
		53
Commercial Services &		
Supplies 0.3%		
Brink's	421	25
Cintas	102	38
MSA Safety	231	28
Rentokil Initial (GBP)	6,911	40
Republic Services	2,425	317
Stericycle (4)	724	32
Tetra Tech	195	27
Electrical Equipment 0.6%		507
	6,389	171
ADD (CHF) AZZ	1,128	46
Eaton	1 010	242
Hubbell	1,919	193
Legrand (EUR)	1,080 1,325	98
Mitaubiahi Electric (IDV)	15 000	171
Promion (ELIP)	1 007	
Shoals Technologies Group, Class	4,221	116
$\Lambda(A)$	1,145	19
Thermon Group Holdings (4)	580	8
memon aroup notalitys (4)	000	
Industrial Conglementation 0.0%		1,064
Industrial Conglomerates 0.9%		
DCC (GBP)	1,339	83

	Shares/Par	\$ Value
(Cost and value in \$000s)		
General Electric	2,539	162
Honeywell International	2,321	403
Melrose Industries (GBP)	69,572	128
Roper Technologies	379	149
Siemens (EUR)	5,496	
	5,490	565
Machinery 0.5%		1,490
Enerpac Tool Group	2,287	44
ESCO Technologies	720	49
Federal Signal	1,145	41
Graco	759	45
Helios Technologies	600	40
Illinois Tool Works	519	95
Ingersoll Rand	2,029	85
John Bean Technologies	599	66
KION Group (EUR)	1,957	82
Knorr-Bremse (EUR)	661	38
Marel (ISK)	2,392	11
Mueller Water Products, Class A	2,895	34
RBC Bearings (4)	180	33
SMC (JPY)	100	45
SPX (4)	931	49
THK (JPY)	2,400	45
Toro	401	30
1010	401	
Professional Services 0.3%		832
Booz Allen Hamilton Holding	567	51
Checkr, Acquisition Date: 6/29/18 -		
12/2/19, Cost \$4 (4)(6)(7)	594	8
Clarivate (4)	3,463	48
Huron Consulting Group (4)	362	24
Legalzoom.com (4)	1,014	11
Recruit Holdings (JPY)	4,000	118
TechnoPro Holdings (JPY)	4,800	96
Teleperformance (EUR)	320	99
TransUnion	558	45
Upwork (4)	1,220	25
	.,	
Road & Rail 0.5%		525
Central Japan Railway (JPY)	600	69
CSX	16,125	469
Landstar System	202	29
Norfolk Southern	463	105
Saia (4)	255	48
Union Pacific	579	124
		844
Trading Companies & Distributors 0.3%		
Air Lease	814	27
Ashtead Group (GBP)	2,810	118
Bunzl (GBP)	2,213	74
Mitsubishi (JPY)	3,500	104
Rush Enterprises, Class A	629	30
SiteOne Landscape Supply (4)	515	61

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Sumitomo (JPY)	8,000	109
		523
Total Industrials & Business Services		6,539
INFORMATION		
TECHNOLOGY 10.7%		
Communications Equipment 0.2%		
Infinera (4)	642	4
LM Ericsson, Class B (SEK)	22,808	170
Motorola Solutions	707	148
		322
Electronic Equipment, Instruments		
& Components 0.6%		
Corning	4,156	131
CTS	1,346	46
Hamamatsu Photonics (JPY)	2,000	78
Largan Precision (TWD)	1,000	58
Littelfuse	214	54
Murata Manufacturing (JPY)	2,500	136
Novanta (4)	691	84
Omron (JPY)	1,100	56
PAR Technology (4) TE Connectivity	1,107	42 235
Teledyne Technologies (4)	2,081	235
	240	1,013
IT Services 1.7%		1,013
Accenture, Class A	426	118
Adyen (EUR) (4)	53	76
Affirm Holdings (4)	1,169	21
Amadeus IT Group, Class A (EUR) (4)	1,333	75
ANT International, Class C, Acquisition		
Date: 6/7/18, Cost \$61 (4)(6)(7)	16,076	32
Block, Class A (4)	1,369	84
Fiserv (4)	2,893	257
Kratos Defense & Security	1 000	10
Solutions (4)	1,269	18
Mastercard, Class A	2,018	637
MongoDB (4)	538	140
NTT Data (JPY)	14,100	196
Payoneer Global (4) PayPal Holdings (4)	4,238	17
Repay Holdings (4)	<u>876</u> 872	61
ServiceTitan, Acquisition Date:	072	
11/9/18 - 5/4/21, Cost \$1 (4)(6)(7)	26	3
Shift4 Payments, Class A (4)	186	6
Shopify, Class A (4)	2,920	91
Snowflake, Class A (4)	260	51
SS&C Technologies Holdings	1,172	68
Themis Solutions, Acquisition Date:		
4/14/21, Cost \$3 (4)(6)(7)	110	2
Toast, Class A (4)	3,453	45
Visa, Class A	4,279	842
·		2,851
Semiconductors & Semiconductor Equipment 2.3%		
Advanced Micro Devices (4)	3,501	060
Advanced Micro Devices (4) Analog Devices	1,555	268 227
	1,000	221

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Applied Materials	370	34
ASML Holding (EUR)	575	272
ASML Holding (LON)	435	207
Broadcom	503	244
	1,003	92
Entegris KLA	767	245
Lam Research	352	150
Lattice Semiconductor (4)	2,221	108
Marvell Technology		
Monolithic Power Systems	2,177 277	95
NVIDIA	4,433	672
NXP Semiconductors QUALCOMM	1,208	179
	808	103
Renesas Electronics (JPY) (4)	6,300	57
Semtech (4)	292	16
Taiwan Semiconductor Manufacturing	00.010	100
(TWD)	26,219	420
Taiwan Semiconductor Manufacturing,	1 050	00
ADR	1,058	86
Texas Instruments	1,029 400	130
Tokyo Electron (JPY)	400	
		3,870
Software 4.3%		
Amplitude, Class A (4)	939	13
Atlassian, Class A (4)	732	137
Bill.com Holdings (4)	951	105
Blackline (4)	334	22
Canva, Acquisition Date: 8/16/21 -		
12/17/21, Cost \$34 (4)(6)(7)	20	19
Ceridian HCM Holding (4)	759	36
Clearwater Analytics Holdings, Class		_
A (4)	589	7
Confluent, Class A (4)	1,200	28
Coupa Software (4)	257	15
Crowdstrike Holdings, Class A (4)	192	32
Datadog, Class A (4)	562	54
Descartes Systems Group (4)	1,400	87
DoubleVerify Holdings (4)	1,687	38
Five9 (4)	182	17
Fortinet (4)	3,395	192
Gusto, Acquisition Date: 10/4/21,	004	10
Cost \$10 (4)(6)(7)	364	10
HashiCorp, Class A (4)	256	8
Intuit	1,182	456
Manhattan Associates (4)	350	40
Microsoft	16,448	4,224
nCino (4)	1,222	38
Paycom Software (4)	144	40
Paycor HCM (4)	1,621	42
Plex Systems, EC, Acquisition Date:	0.57	
9/7/21, Cost \$- (4)(6)(7)	357	
Plex Systems, EC, Acquisition Date:	F 4	
9/7/21, Cost \$- (4)(6)(7)	51	-
Salesforce (4)	2,235	369
SAP (EUR)	1,720	157
ServiceNow (4)	1,416	673
Socure, Acquisition Date: 12/22/21,	117	4
Cost \$2 (4)(6)(7)	117	

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Synopsys (4)	1,122	341
Workiva (4)	587	39
		7,240
Technology Hardware, Storage & Peripherals 1.6%		
Apple	17,477	2,389
Samsung Electronics (KRW)	5,325	235
		2,624
Total Information Technology		
MATERIALS 1.8%		17,920
Chemicals 1.0%		
Air Liquide (EUR) (5)	1,032	139
Akzo Nobel (EUR)	1,640	107
Asahi Kasei (JPY)	11,500	87
BASF (EUR)	1,909	84
Covestro (EUR)	1,886	66
Element Solutions	4.903	87
International Flavors & Fragrances	2,464	294
Johnson Matthey (GBP)	4,315	102
Linde	436	125
Minerals Technologies	420	26
Nutrien	2,229	178
Quaker Chemical	286	43
Sherwin-Williams	1,412	316
Tosoh (JPY)	1,000	12
Umicore (EUR)	2,004	70
		1,736
Containers & Packaging 0.2%		1,700
Amcor, CDI (AUD) Ball	7,194 1,750	90 120
Packaging Corp. of America	296	41
Ranpak Holdings (4)	647	4
		255
Metals & Mining 0.5%		
Antofagasta (GBP)	7,708	109
BHP Group (AUD)	2,080	60
BHP Group (GBP)	5,685	159
Constellium (4)	3,584	47
ERO Copper (CAD) (4)	1,083	9
Franco-Nevada (CAD)	74	10
Haynes International	746	24
IGO (AUD)	30,353	208
Rio Tinto (AUD)	695	50
South32 (AUD)	34,811	94
Paper & Forest Products 0.1%		770
Paper & Forest Products 0.1%		
Stora Enso, Class R (EUR)	7,914	126
West Fraser Timber (CAD)	393	30
		156
Total Materials		2,917
REAL ESTATE 0.9%		,•
Equity Real Estate Investment Trusts 0.7%		
	070	70
AvalonBay Communities, REIT	536	72 19
Community Healthcare Trust, REIT	536	19

	Shares/Par	\$ Value
(Cost and value in \$000s)		
CubeSmart, REIT	1,368	58
EastGroup Properties, REIT	664	103
Equinix, REIT	144	95
Equity LifeStyle Properties, REIT	426	30
Equity Residential, REIT	790	57
First Industrial Realty Trust, REIT	568	27
Flagship Communities REIT, REIT	440	7
Great Portland Estates (GBP)	10,992	
Host Hotels & Resorts, REIT	12.429	195
Prologis, REIT		228
Rexford Industrial Realty, REIT	1,940 1,095	63
Scentre Group (AUD)	44,896	81
Terreno Realty, REIT	44,090	22
Terreno Realty, RETT		1,134
Real Estate Management & Development 0.2%		
Altus Group (CAD)	280	10
DigitalBridge Group (4)	4,785	23
FirstService	784	95
Mitsui Fudosan (JPY)	8,500	183
Opendoor Technologies, Class A (4)	5,698	27
Tricon Residential	2,681	27
		365
Total Real Estate UTILITIES 2.9%		1,499
Electric Utilities 1.4%		
American Electric Power	4,196	402
Duke Energy	2,870	308
Exelon	300	13
IDACORP	578	61
MGE Energy	279	22
NextEra Energy	1,150	89
Southern	13,864	989
Xcel Energy	5,225	370
		2,254
Gas Utilities 0.1%		
Beijing Enterprises Holdings (HKD)	11,500	41
Chesapeake Utilities	497	64
ONE Gas	589	48
Southwest Gas Holdings	979	85
		238
Independent Power & Renewable Electricity Producers 0.1%		
Electric Power Development (JPY)	3,800	63
NextEra Energy Partners	528	39
		102
Multi-Utilities 1.3%	<u> </u>	
Ameren	960	87
CMS Energy	639	43
Dominion Energy	8,469	676
DTE Energy	1,085	138
Engie (EUR)	17,278	200
National Grid (GBP)	11,786	151
NiSource	7,336	216
Sempra Energy	3,917	589

	Shares/Par	\$ Value
Cost and value in \$000s)		
WEC Energy Group		
Water Utilities 0.0%		2,165
California Water Service Group	552	31
SJW Group	580	36
		67
Total Utilities		4,826
Total Miscellaneous Common Stocks 0.1% (8)		235
Total Common Stocks (Cost \$61,842)		84,958
CONVERTIBLE PREFERRED STOC	KS 0.3%	
CONSUMER DISCRETIONARY 0.1%		
Hotels, Restaurants & Leisure 0.1%		
Cava Group, Series E, Acquisition		
Date: 6/23/20 - 3/26/21, Cost \$19 (4)		лл
(6)(7) Cava Group, Series F, Acquisition	754	
Date: 3/26/21, Cost \$12 (4)(6)(7)	335	20
		64
Internet & Direct Marketing Retail 0.0%		
1661, Series F, Acquisition Date:		
5/28/21, Cost \$10 (4)(6)(7)		
		7
Total Consumer Discretionary CONSUMER STAPLES 0.0%		71
Food Products 0.0%		
Farmers Business Network, Series		
D, Acquisition Date: 11/3/17,	700	45
Cost \$14 (4)(6)(7) Total Consumer Staples	733	45
FINANCIALS 0.0%		40
Banks 0.0%		
CRB Group, Acquisition Date: 1/28/22, Cost \$9 (4)(6)(7)	81	9
Total Financials		9
HEALTH CARE 0.1%		
Biotechnology 0.0%		
Caris Life Sciences, Series C, Acquisition Date: 8/14/20, Cost \$5 (4)		
(6)(7)	1,752	11
Caris Life Sciences, Series D, Acquisition Date: 5/11/21, Cost \$7 (4)		
(6)(7)	895	6
		17
Health Care Equipment & Supplies 0.0%		
Kardium, Series D-6, Acquisition Date:		
1/8/21, Cost \$5 (4)(6)(7)	5,305	5

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Health Care Providers & Services 0.0%		
Honor Technology, Series D,		
Acquisition Date: $10/16/20$,	4 107	10
Cost \$10 (4)(6)(7)	4,107	
Life Sciences Tools & Services 0.1%		12
Inscripta, Series E, Acquisition Date: 3/30/21, Cost \$6 (4)(6)(7)	636	4
3/30/21, Cost \$6 (4)(6)(7) National Resilience, Series B,		
Acquisition Date: 10/23/20,		
Cost \$7 (4)(6)(7)	524	32
National Resilience, Series C, Acquisition Date: 6/9/21, Cost \$10 (4)		
(6)(7)	237	14
		50
Total Health Care		84
INDUSTRIALS & BUSINESS SERVICES 0.0%		
Aerospace & Defense 0.0%		
ABL Space Systems, Series B, Acquisition Date: 3/24/21, Cost \$5 (4)		
(6)(7)	126	8
Epirus, Series C-2, Acquisition Date: 1/28/22, Cost \$11 (4)(6)(7)	1,914	11
	.,	19
Air Freight & Logistics 0.0%		
FLEXE, Series C, Acquisition Date: 11/18/20, Cost \$5 (4)(6)(7)	445	9
FLEXE, Series D, Acquisition Date: 4/7/22, Cost \$3 (4)(6)(7)		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		12
Electrical Equipment 0.0%		
CELLINK, Series D, Acquisition Date:		
1/20/22, Cost \$5 (4)(6)(7)	252	5
		5
Professional Services 0.0%		
Checkr, Series C, Acquisition Date:	000	10
4/10/18, Cost \$4 (4)(6)(7) Checkr, Series D, Acquisition Date:	900	12
9/6/19, Cost \$12 (4)(6)(7)	1,200	16
		28
Road & Rail 0.0%		
Convoy, Series C, Acquisition Date:		
9/14/18, Cost \$9 (4)(6)(7) Convoy, Series D, Acquisition Date:	1,241	20
10/30/19, Cost \$10 (4)(6)(7)	764	13
		33
Total Industrials & Business Services		97
INFORMATION TECHNOLOGY 0.1%		
IT Services 0.0%		
Haul Hub, Series B, Acquisition Date:		
2/14/20 - 3/3/21, Cost \$4 (4)(6)(7)	303	6
Haul Hub, Series C, Acquisition Date: 4/14/22, Cost \$2 (4)(6)(7)	90	2

	Shares/Par	\$ Value
(Cost and value in \$000s)		
ServiceTitan, Series D, Acquisition Date: 11/9/18, Cost \$5 (4)(6)(7) ServiceTitan, Series F, Acquisition	184	18
Date: 3/25/21, Cost \$1 (4)(6)(7) Themis Solutions, Series AA, Acquisition Date: 4/14/21, Cost \$1 (4)	10	1
(6)(7) Themis Solutions, Series AB,	30	1
Acquisition Date: 4/14/21, Cost \$- (4) (6)(7) Themis Solutions, Series B,	10	
Acquisition Date: 4/14/21, Cost \$- (4) (6)(7)	10	_ _
Themis Solutions, Series E, Acquisition Date: 4/14/21, Cost \$7 (4) (6)(7)	320	6
		34
Software 0.1%		
Databricks, Series G, Acquisition Date: 2/1/21, Cost \$12 (4)(6)(7) Databricks, Series H, Acquisition Date:	64	
8/31/21, Cost \$30 (4)(6)(7)	137	23
Gusto, Series E, Acquisition Date: 7/13/21, Cost \$15 (4)(6)(7)	504	15
Nuro, Series C, Acquisition Date: 10/30/20 - 3/2/21, Cost \$12 (4)(6)(7)	921	19
Nuro, Series D, Acquisition Date: 10/29/21, Cost \$5 (4)(6)(7) SecurityScorecard, Series E,	242	5
Acquisition Date: 3/5/21, Cost \$5 (4) (6)(7) Seismic Software, Series E,	344	5
Acquisition Date: 12/13/18, Cost \$7 (4)(6)(7)	1,115	12
Seismic Software, Series F, Acquisition Date: 9/25/20, Cost \$1 (4)(6)(7)	85	1
Socure, Series A, Acquisition Date: 12/22/21, Cost \$2 (4)(6)(7)	1/0	2
Socure, Series A-1, Acquisition Date:	117	1
Socure, Series B, Acquisition Date:	2	
Socure, Series E, Acquisition Date: 10/27/21, Cost \$5 (4)(6)(7)		
Total Information Technology MATERIALS 0.0%		97 131
Chemicals 0.0%		
Redwood Materials, Series C, Acquisition Date: 5/28/21, Cost \$6 (4) (6)(7) Sila Nano, Series F, Acquisition Date:	135	
Sila Nano, Series F, Acquisition Date: 1/7/21, Cost \$10 (4)(6)(7)	228	714

	Shares/Par	\$ Value
Cost and value in \$000s)		
Metals & Mining 0.0%		
Kobold Metals, Series B-1, Acquisition		
Date: 1/10/22, Cost \$6 (4)(6)(7)	201	6
		6
Total Materials		20
UTILITIES 0.0%		
Independent Power & Renewable Electricity Producers 0.0%		
AES, 6.875%, 2/15/24	416	36
Total Utilities		36
Total Convertible Preferred Stocks		
(Cost \$358)		493
CORPORATE BONDS 6.0%		
AbbVie, 2.95%, 11/21/26	45,000	42
AbbVie, 3.20%, 11/21/29	45,000	42
AbbVie, 4.05%, 11/21/39	25,000	22
AbbVie, 4.70%, 5/14/45	55,000	52
AbbVie, 4.875%, 11/14/48	88,000	85
AerCap Ireland Capital, 4.875%,	175 000	174
1/16/24 Alexandria Real Estate Equities,	175,000	174
3.375%, 8/15/31	45,000	40
Alexandria Real Estate Equities,		
3.95%, 1/15/28	65,000	63
Alexandria Real Estate Equities,		
4.70%, 7/1/30	15,000	15
Ally Financial, 4.75%, 6/9/27	55,000	53
Alphabet, 2.05%, 8/15/50 Anheuser-Busch InBev Worldwide,	55,000	37
4.50%, 6/1/50	39,000	35
APA Infrastructure, 4.25%, 7/15/27 (1)	180,000	175
Apple, 2.40%, 8/20/50	10,000	7
Aptiv, 3.10%, 12/1/51	10,000	6
Arrow Electronics, 4.00%, 4/1/25	50,000	50
Astrazeneca Finance, 1.75%, 5/28/28	35,000	31
AT&T, 2.30%, 6/1/27	40,000	36
Ausgrid Finance, 3.85%, 5/1/23 (1)	30,000	30
Ausgrid Finance, 4.35%, 8/1/28 (1) Avolon Holdings Funding, 3.95%,	40,000	
7/1/24 (1)	90,000	86
Avolon Holdings Funding, 4.25%,		
4/15/26 (1)	60,000	56
Bank of America, 3.248%, 10/21/27	70,000	66
Bank of America, VR, 1.898%,	210,000	169
7/23/31 (9) Bank of America, VR, 1.922%,	210,000	168
10/24/21 (0)	60,000	48
Bank of America, VR, 2.496%,		
2/13/31 (9)	105,000	89
Bank of America, VR, 2.592%,		
4/29/31 (9)	50,000	43
Bank of America, VR, 2.972%,	15 000	20
2/4/33 (9) Bank of America, VR, 3.419%,	45,000	38
12/20/28 (9)	80,000	74

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Bank of America, VR, 4.271%,	05.000	
7/23/29 (9)	65,000	63
BAT Capital, 3.557%, 8/15/27	150,000	138
BAT International Finance, 1.668%,	15 000	10
3/25/26 Baxter International, 2.272%, 12/1/28	15,000 30,000	13 26
Becton Dickinson & Company,		20
1.957%, 2/11/31	50,000	40
Becton Dickinson & Company,		
2.823%, 5/20/30	25,000	22
Becton Dickinson & Company, 3.70%,		
6/6/27	114,000	110
Becton Dickinson & Company,		
3.794%, 5/20/50	35,000	29
Berkshire Hathaway Finance, 2.50%,		
1/15/51	40,000	27
BNP Paribas, VR, 2.591%, 1/20/28 (1)		
(9)	200,000	180
Boardwalk Pipelines, 3.40%, 2/15/31	33,000	29
Boardwalk Pipelines, 4.45%, 7/15/27	10,000	10
Boardwalk Pipelines, 4.95%, 12/15/24	35,000	35
Boardwalk Pipelines, 5.95%, 6/1/26	10,000	10
Booking Holdings, 4.625%, 4/13/30	20,000	20
Boral Finance, 3.00%, 11/1/22 (1)(5)	5,000	5
Boral Finance, 3.75%, 5/1/28 (1)	80,000	
Boston Properties, 2.90%, 3/15/30	60,000	51
Brixmor Operating Partnership, 3.90%, 3/15/27	25.000	24
Brixmor Operating Partnership, 4.05%,	35,000	
7/1/30	25,000	22
Brixmor Operating Partnership,		
4.125%, 5/15/29	20,000	19
Capital One Financial, 3.65%, 5/11/27	50,000	47
Capital One Financial, 3.75%, 3/9/27	50,000	48
Capital One Financial, VR, 2.359%,		
7/29/32 (9)	145,000	110
Capital One Financial, VR, 3.273%,		
3/1/30 (9)	25,000	22
Cardinal Health, 4.50%, 11/15/44	8,000	7
Cardinal Health, 4.90%, 9/15/45	10,000	9
Carvana, 10.25%, 5/1/30 (1)	55,000	45
Charter Communications Operating,		
2.25%, 1/15/29 Charter Communications Operating,	25,000	21
Charter Communications Operating,		
2.80%, 4/1/31	8,000	6
Charter Communications Operating,	00.000	00
3.75%, 2/15/28	30,000	28
Charter Communications Operating,	45,000	40
4.20%, 3/15/28 Charter Communications Operating,	45,000	42
	15,000	12
5.125%, 7/1/49 Charter Communications Operating,		
6.484%, 10/23/45	12,000	12
Cheniere Corpus Christi Holdings,		
	45,000	41
Cheniere Corpus Christi Holdings,		
5.125%, 6/30/27	15,000	15
0:	40,000	38
	50,000	42
Citigroup, VR, 3.057%, 1/25/33 (9) Citigroup, VR, 3.106%, 4/8/26 (9)	40,000	38

	Shares/Par	\$ Value
Cost and value in \$000s)		
Citigroup, Series VAR, VR, 3.07%, 2/24/28 (9)	50,000	47
CNO Financial Group, 5.25%, 5/30/25	15,000	15
Comcast, 3.90%, 3/1/38	60,000	55
Crown Castle International, 2.25%, 1/15/31	95,000	77
Crown Castle International, 2.90%,		
3/15/27	10,000	9
Crown Castle Towers, 3.663%, 5/15/25 (1)	85,000	83
CSL Finance, 4.05%, 4/27/29 (1)	25,000	24
CSL Finance, 4.25%, 4/27/32 (1)	20,000	20
CVS Health, 5.05%, 3/25/48	64,000	61
Diamondback Energy, 3.25%, 12/1/26	50,000	49
Ecolab, 4.80%, 3/24/30	5,000	5
Edison International, 4.95%, 4/15/25	5,000	5
Eli Lilly, 2.25%, 5/15/50	12,000	9
Energy Transfer, 2.90%, 5/15/25	60,000	57
Energy Transfer, 4.50%, 4/15/24	10,000	10
Energy Transfer, 5.00%, 5/15/50	30,000	26
Energy Transfer, 5.875%, 1/15/24	40,000	40
Energy Transfer, 6.00%, 6/15/48	30,000	28
Eni, Series X-R, 4.75%, 9/12/28 (1)	205,000	205
Equitable Holdings, 4.35%, 4/20/28	105,000	101
Extra Space Storage, 2.35%, 3/15/32	60,000	48
FedEx, 2.40%, 5/15/31	46,000	39
General Motors, 4.20%, 10/1/27	15,000	14
General Motors Financial, 3.60%,		
6/21/30 General Motors Financial, 4.00%,	45,000	39
10/6/26 General Motors Financial, 4.30%,	20,000	19
7/13/25	45,000	44
General Motors Financial, 4.35%, 4/9/25	22,000	22
General Motors Financial, 5.10%,		
1/17/24	20,000	20
GLP Capital, 3.35%, 9/1/24	10,000	10
Goldman Sachs Group, 3.50%,		
11/16/26 Goldman Sachs Group, VR, 1.542%,	140,000	134
9/10/27 (9)	50,000	
Goldman Sachs Group, VR, 2.615%, 4/22/32 (9)	185,000	153
Goldman Sachs Group, VR, 3.615%,		
3/15/28 (9)	45,000	42
Gray Oak Pipeline, 2.00%, 9/15/23 (1)	5,000	5
Gray Oak Pipeline, 2.60%,		
10/15/25 (1)	15,000	14
Gray Oak Pipeline, 3.45%,	5 000	-
10/15/27 (1)	5,000	5
Hasbro, 3.55%, 11/19/26	25,000	24
HCA, 2.375%, 7/15/31	20,000	16
HCA, 3.125%, 3/15/27 (1)	20,000	18
HCA, 3.375%, 3/15/29 (1)	5,000	4
Healthcare Realty Trust, 2.05%, 3/15/31	15,000	12
Healthcare Realty Trust, 3.625%,		

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Highwoods Realty, 3.05%, 2/15/30	65,000	56
Highwoods Realty, 4.125%, 3/15/28	41,000	39
Home Depot, 2.375%, 3/15/51	28,000	19
HSBC Holdings, VR, 1.645%,		
4/18/26 (9)	205,000	188
Humana, 3.70%, 3/23/29	15,000	14
Humana, 4.875%, 4/1/30	42,000	42
Hyundai Capital America, 1.80%,		
10/15/25 (1)	20,000	18
Hyundai Capital America, 2.10%,		
9/15/28 (1)	35,000	29
JPMorgan Chase, VR, 1.578%,	50.000	45
4/22/27 (9)	50,000	45
JPMorgan Chase, VR, 1.953%,	175 000	140
2/4/32 (9) JPMorgan Chase, VR, 2.182%,	175,000	140
	60,000	53
6/1/28 (9) JPMorgan Chase, VR, 2.739%,	00,000	53
10/15/30 (9)	40,000	35
JPMorgan Chase, VR, 2.947%,		
2/24/28 (9)	50,000	46
JPMorgan Chase, VR, 2.956%,		
5/13/31 (9)	164,000	142
JPMorgan Chase, VR, 3.54%,		
5/1/28 (9)	25,000	24
Kilroy Realty, 4.375%, 10/1/25	13,000	13
Kookmin Bank, 4.50%, 2/1/29	200,000	198
Las Vegas Sands, 3.50%, 8/18/26	25,000	22
Lowe's, 3.35%, 4/1/27	5,000	5
Lowe's, 3.75%, 4/1/32	15,000	14
LSEGA Financing, 2.50%, 4/6/31 (1)	200,000	171
Magallanes, 3.755%, 3/15/27 (1)	30,000	28
Magallanes, 4.054%, 3/15/29 (1)	20,000	18
Marsh & McLennan, 2.25%, 11/15/30	15,000	13
Micron Technology, 4.185%, 2/15/27	11,000	11
Micron Technology, 5.327%, 2/6/29	22,000	22
Mileage Plus Holdings, 6.50%,		
6/20/27 (1)	35,000	
Morgan Stanley, 3.625%, 1/20/27	70,000	68
Morgan Stanley, VR, 1.593%,	00.000	10
5/4/27 (9)	20,000	18
Morgan Stanley, VR, 2.802%, 1/25/52 (9)	25,000	17
Morgan Stanley, VR, 2.943%,	23,000	
1/21/33 (9)	20,000	17
Morgan Stanley, VR, 3.217%,		
1/22/12 (0)	15,000	12
Morgan Stanley, VR, 4.431%,		
1/23/30 (9)	25,000	24
Netflix, 6.375%, 5/15/29		55
NextEra Energy Capital Holdings,		
2.44%, 1/15/32	45,000	38
NextEra Energy Capital Holdings,		
3.00%, 1/15/52	45,000	32
NRG Energy, 4.45%, 6/15/29 (1)	25,000	22
NXP, 2.70%, 5/1/25	5,000	5
NXP, 3.15%, 5/1/27	10,000	9
NXP, 5.35%, 3/1/26	20,000	20
Oracle, 2.30%, 3/25/28	25,000	21
Pacific Gas & Electric, 2.10%, 8/1/27	20,000	17

	Shares/Par	\$ Value
Cost and value in \$000s)		
Pacific Gas & Electric, 2.50%, 2/1/31	40,000	31
Pacific Gas & Electric, 4.55%, 7/1/30	45,000	40
Pacific Gas & Electric, 5.90%, 6/15/32	10,000	10
Parker-Hannifin, 4.25%, 9/15/27	25,000	25
Parker-Hannifin, 4.50%, 9/15/29	15,000	15
PerkinElmer, 1.90%, 9/15/28	35,000	29
PerkinElmer, 2.25%, 9/15/31	15,000	12
PerkinElmer, 3.30%, 9/15/29	19,000	17
Perrigo Finance Unlimited, 4.40%,	000.000	170
6/15/30	200,000	178
PNC Financial Services Group, VR,	25.000	04
4.626%, 6/6/33 (9) Realty Income, 3.95%, 8/15/27	25,000 35,000	24
Reynolds American, 4.45%, 6/12/25	55,000	
Rogers Communications, 3.20%,	55,000	55
3/15/27 (1)	28,000	27
Rogers Communications, 3.80%,	20,000	
3/15/32 (1)	25,000	23
Rogers Communications, 4.55%,	20,000	
B/15/52 (1)	15,000	13
Ross Stores, 1.875%, 4/15/31	45,000	36
Sabine Pass Liquefaction, 4.50%,		
5/15/30	10,000	10
Sabine Pass Liquefaction, 5.00%,		
3/15/27	115,000	115
Sabine Pass Liquefaction, 5.875%,		
/30/26	40,000	41
Santander Holdings USA, VR, 2.49%,		
/6/28 (9)	30,000	27
BA Tower Trust, 1.84%, 4/15/27 (1)	50,000	45
BA Tower Trust, 2.593%,		
0/15/31 (1)	40,000	34
empra Energy, 3.70%, 4/1/29	15,000	14
herwin-Williams, 2.95%, 8/15/29	35,000	32
MBC Aviation Capital Finance,	005 000	100
5.55%, 4/15/24 (1)	205,000	199
Southern California Edison, Series D,	20.000	20
.70%, 6/1/27	30,000	30
Standard Chartered, VR, 2.608%,	200,000	170
/12/28 (1)(9) -Mobile USA, 2.05%, 2/15/28	200,000 25,000	179 22
-Mobile USA, 2.03 %, 2/13/28	110,000	106
Farga Resources, 4.95%, 4/15/52	15,000	13
Farga Resources Partners, 5.50%,	13,000	
0/1/20	45,000	43
Franscontinental Gas Pipe Line,	10,000	
250/ 5/15/20	10,000	9
ranscontinental Gas Pipe Line,		
00% 3/15/28	15,000	14
Franscontinental Gas Pipe Line,		
1.60%, 3/15/48	5,000	4
ransurban Finance, 2.45%,		
3/16/31 (1)	25,000	21
ransurban Finance, 3.375%,		
6/22/27 (1)	15,000	14
rinity Acquisition, 4.40%, 3/15/26	65,000	64
ruist Financial, VR, 4.123%,		
	45,000	44
6/6/28 (9) United Airlines PTT, Series 2019-2, Class A, 2.90%, 5/1/28	13,567	12

	Shares/Par	\$ Value
(Cost and value in \$000s)		
United Airlines PTT, Series 2019-2,		
Class AA, 2.70%, 5/1/32	9,101	8
UnitedHealth Group, 2.00%, 5/15/30	105,000	90
UnitedHealth Group, 2.90%, 5/15/50	5,000	4
Verizon Communications, 1.75%,		
1/20/31	25,000	20
Verizon Communications, 2.10%,		
3/22/28	30,000	27
Verizon Communications, 2.55%,		
3/21/31	50,000	43
Verizon Communications, 2.65%,		
11/20/40	77,000	56
Verizon Communications, 2.875%,		
11/20/50	85,000	60
Visa, 2.00%, 8/15/50	31,000	21
Vistra Operations, 3.55%, 7/15/24 (1)	105,000	101
Vistra Operations, 5.125%, 5/13/25 (1)	45,000	44
Vodafone Group, 4.375%, 5/30/28	54,000	54
Vodafone Group, 5.25%, 5/30/48	50,000	47
Volkswagen Group of America		
Finance, 3.20%, 9/26/26 (1)	205,000	194
Wells Fargo, 4.30%, 7/22/27	35,000	35
Wells Fargo, VR, 2.393%, 6/2/28 (9)	115,000	103
Wells Fargo, VR, 2.572%, 2/11/31 (9)	225,000	193
Wells Fargo, VR, 2.879%, 10/30/30 (9)	100,000	88
Westlake, 1.625%, 7/17/29 (EUR)	100,000	88
Williams, 5.10%, 9/15/45	45,000	42
Woodside Finance, 3.65%, 3/5/25 (1)	45,000	44
Woodside Finance, 3.70%, 9/15/26 (1)	40,000	38
Woodside Finance, 3.70%, 3/15/28 (1)	71,000	66
Workday, 3.50%, 4/1/27	5,000	5
Workday, 3.70%, 4/1/29	10,000	9
Xcel Energy, 3.40%, 6/1/30	45,000	41
Xcel Energy, 4.60%, 6/1/32	10,000	10
Total Corporate Bonds (Cost \$11,095)		9,957
φ11,000j		
EQUITY MUTUAL FUNDS 7.1%		
T. Rowe Price Institutional Emerging		
Markets Equity Fund (2)	216,460	7,520
T. Rowe Price Real Assets Fund - I		
Class (2)	328,973	4,253
Total Equity Mutual Funds (Cost		
\$9,655)		11,773
FOREIGN GOVERNMENT OBLIGATI	ONS &	
MUNICIPALITIES 0.1%		
Equate Petrochemical, 4.25%, 11/3/26	200,000	197
Total Foreign Government		
Obligations & Municipalities (Cost		
\$213)		197
•		

(Cost and value in \$000s)		
NON-U.S. GOVERNMENT MORTGAGE SECURITIES 1.9%	-BACKED	
Angel Oak Mortgage Trust, Series 2020-5, Class A3, CMO, ARM,		
2.041%, 5/25/65 (1)	13,093	12
BAMLL Commercial Mortgage		
Securities Trust, Series 2021-JACX,		
Class B, ARM, 1M USD LIBOR +		
1.45%, 2.774%, 9/15/38 (1)	25,000	24
BBCMS Mortgage Trust, Series 2019-		
BWAY, Class D, ARM, 1M USD LIBOR		
+ 2 160/ 2 12/0/ 11/15/21 (1)	25,000	24

Shares/Par

\$ Value

Series 2020-5, Class A3, CMO, ARM,		
2.041%, 5/25/65 (1)	13,093	12
BAMLL Commercial Mortgage		
Securities Trust, Series 2021-JACX,		
Class B, ARM, 1M USD LIBOR +		
1.45%, 2.774%, 9/15/38 (1)	25,000	24
BBCMS Mortgage Trust, Series 2019-	,	
BWAY, Class D, ARM, 1M USD LIBOR		
+ 2.16%, 3.484%, 11/15/34 (1)	25,000	24
	20,000	
BINOM Securitization Trust,		
Series 2021-INV1, Class A1, CMO,	00.040	75
ARM, 2.034%, 6/25/56 (1)	82,240	75
BRAVO Residential Funding Trust,		
Series 2021-NQM3, Class A1, CMO,		
ARM, 1.699%, 4/25/60 (1)	65,465	63
BX Commercial Mortgage Trust,		
Series 2021-21M, Class C, ARM,		
1M USD LIBOR + 1.177%, 2.501%,		
10/15/36 (1)	25,000	23
BX Commercial Mortgage Trust,		
Series 2022-CSMO, Class B, ARM, 1M		
TSFR + 3.141%, 3.891%, 6/15/27 (1)	100,000	98
BX Trust, Series 2021-ARIA, Class		
B, ARM, 1M USD LIBOR + 1.297%,		
2.621%, 10/15/36 (1)	40,000	38
BX Trust, Series 2021-ARIA, Class		
C, ARM, 1M USD LIBOR + 1.646%,		
2.97%, 10/15/36 (1)	40,000	37
	40,000	
BX Trust, Series 2021-LGCY, Class		
C, ARM, 1M USD LIBOR + 1.004%,	20.000	00
2.328%, 10/15/23 (1)	30,000	28
BXSC Commercial Mortgage Trust,		
Series 2022-WSS, Class B, ARM, 1M		
TSFR + 2.092%, 3.371%, 3/15/35 (1)	100,000	97
CIM Trust, Series 2019-INV3, Class		
A15, CMO, ARM, 3.50%, 8/25/49 (1)	20,246	19
CIM Trust, Series 2020-INV1, Class A2,		
CMO, ARM, 2.50%, 4/25/50 (1)	37,521	33
CIM Trust, Series 2021-INV1, Class		
A29, CMO, ARM, 2.50%, 7/1/51 (1)	89,813	74
Citigroup Commercial Mortgage Trust,		
Series 2014-GC21, Class AS, 4.026%,		
5/10/47	35,000	34
Citigroup Commercial Mortgage Trust,		
Series 2017-P7, Class AS, 3.915%,		
4/14/50	25,000	24
	23,000	
Cold Storage Trust, Series 2020-ICE5,		
Class C, ARM, 1M USD LIBOR +	00.000	00
1.65%, 2.974%, 11/15/37 (1)	98,299	96
Commercial Mortgage Trust,		
Series 2014-UBS6, Class AM, 4.048%,	110.000	
12/10/47	110,000	108
Commercial Mortgage Trust,		
Series 2015-CR24, Class AM, ARM,		
4.028%, 8/10/48	25,000	24

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Commercial Mortgage Trust,		
Series 2016-CR28, Class AHR,		
3.651%, 2/10/49	27,133	27
Connecticut Avenue Securities,		
Series 2017-C02, Class 2ED3, CMO,		
ARM, 1M USD LIBOR + 1.35%,	4 0 0 0	
2.974%, 9/25/29	4,323	4
Connecticut Avenue Securities,		
Series 2017-C06, Class 2ED1, CMO, ARM, 1M USD LIBOR + 1.00%,		
2.624%, 2/25/30	30,186	30
Connecticut Avenue Securities Trust,		
Series 2022-R01, Class 1M1, CMO,		
ARM, SOFR30A + 1.00%, 1.926%,		
12/25/41 (1)	19,744	19
Connecticut Avenue Securities Trust,		
Series 2022-R02, Class 2M1, CMO,		
ARM, SOFR30A + 1.20%, 2.126%,		
1/25/42 (1)	83,288	81
Connecticut Avenue Securities Trust,		
Series 2022-R03, Class 1M1, CMO,		
ARM, SOFR30A + 2.10%, 3.026%,		
3/25/42 (1)	32,216	32
Connecticut Avenue Securities Trust,		
Series 2022-R04, Class 1M1, CMO,		
ARM, SOFR30A + 2.00%, 2.926%,	07 500	07
3/25/42 (1)	27,582	
Ellington Financial Mortgage Trust, Series 2019-2, Class A1, CMO, ARM,		
2.739%, 11/25/59 (1)	24,547	24
Ellington Financial Mortgage Trust,		
Series 2021-2, Class A2, CMO, ARM,		
1.085%, 6/25/66 (1)	67,465	61
Galton Funding Mortgage Trust,		
Series 2018-1, Class A23, CMO, ARM,		
3.50%, 11/25/57 (1)	8,122	8
Galton Funding Mortgage Trust,		
Series 2018-2, Class A22, CMO, ARM,		
4.00%, 10/25/58 (1)	6,638	7
Galton Funding Mortgage Trust,		
Series 2019-H1, Class A3, CMO, ARM,	50.005	50
2.964%, 10/25/59 (1)	56,665	56
Goldman Sachs Mortgage Securities		
Trust, Series 2015-GC28, Class AS,	45,000	44
3.759%, 2/10/48	45,000	
Great Wolf Trust, Series 2019-WOLF, Class A, ARM, 1M USD LIBOR +		
1.034%, 2.358%, 12/15/36 (1)	40,000	39
Great Wolf Trust, Series 2019-WOLF,		
Class C, ARM, 1M USD LIBOR +		
1.633%, 2.957%, 12/15/36 (1)	35,000	34
GS Mortgage Securities Trust,		
Series 2013-GC16, Class B, ARM,		
5.161%, 11/10/46	120,000	119
GS Mortgage-Backed Securities Trust,		
Series 2021-GR1, Class A4, CMO,		
ARM, 2.50%, 11/25/51 (1)	89,262	74
Homeward Opportunities Fund I Trust,		
Series 2020-2, Class A1, CMO, ARM,		-
1.657%, 5/25/65 (1)	8,282	8

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Hundred Acre Wood Trust,		
Series 2021-INV1, Class A27, CMO,		
ARM, 2.50%, 7/25/51 (1)	87,370	
JPMorgan Chase Commercial		
Mortgage Securities Trust, Series 2018-WPT, Class AFX, 4.248%,		
7/5/33 (1)	20,000	20
JPMorgan Mortgage Trust,		
Series 2019-INV2, Class A3, CMO,		
ARM, 3.50%, 2/25/50 (1)	6,220	6
JPMorgan Mortgage Trust,		
Series 2020-5, Class B2, CMO, ARM,	22 072	21
3.598%, 12/25/50 (1) JPMorgan Mortgage Trust,	23,972	21
Series 2020-INV1, Class A11, CMO,		
ARM, 1M USD LIBOR + 0.83%,		
1.836%, 8/25/50 (1)	7,222	
JPMorgan Mortgage Trust,		
Series 2020-INV1, Class A3, CMO,	0.000	0
ARM, 3.50%, 8/25/50 (1) JPMorgan Mortgage Trust,	9,629	9
Series 2020-LTV1, Class A15, CMO,		
ARM, 3.50%, 6/25/50 (1)	1,784	2
JPMorgan Mortgage Trust,		
Series 2020-LTV1, Class A3, CMO,		
ARM, 3.50%, 6/25/50 (1)	3,568	4
JPMorgan Mortgage Trust,		
Series 2020-LTV1, Class B1A, CMO, ARM, 3.285%, 6/25/50 (1)	28,824	27
MFA Trust, Series 2021-NQM2, Class	20,024	21
A1, CMO, ARM, 1.029%, 11/25/64 (1)	62,081	56
Morgan Stanley Bank of America		
Merrill Lynch Trust, Series 2014-C18,		
Class 300A, 3.749%, 8/15/31	25,000	24
Morgan Stanley Bank of America		
Merrill Lynch Trust, Series 2015-C24,	10.000	10
Class AS, ARM, 4.036%, 5/15/48 Morgan Stanley Bank of America	10,000	10
Merrill Lynch Trust, Series 2015-C27,		
Class AS, 4.068%, 12/15/47	40,000	39
Morgan Stanley Capital I Trust,		
Series 2015-MS1, Class AS, ARM,		
4.169%, 5/15/48	10,000	10
New Orleans Hotel Trust, Series 2019-		
HNLA, Class B, ARM, 1M USD LIBOR + 1.289%, 2.613%, 4/15/32 (1)	100,000	95
+ 1.289%, 2.613%, 4/15/32 (1) New Residential Mortgage Loan Trust,		
Series 2021-INV2, Class A4, CMO,		
ARM, 2.50%, 9/25/51 (1)	91,986	77
OBX Trust, Series 2020-EXP1, Class		
1A8, CMO, ARM, 3.50%, 2/25/60 (1)	33,031	31
OBX Trust, Series 2020-EXP2, Class	00.000	00
A8, CMO, ARM, 3.00%, 5/25/60 (1) OBX Trust, Series 2021-NQM3, Class	30,009	28
A1, CMO, ARM, 1.054%, 7/25/61 (1)	79,116	68
Oceanview Mortgage Trust,		
Series 2022-1, Class A19, CMO, ARM,		
3.00%, 12/25/51 (1)	95,284	84
Sequoia Mortgage Trust, Series 2013-		
4, Class B1, CMO, ARM, 3.449%,	04.405	
4/25/43	24,135	23

	Shares/Par	\$ Value
(Cost and value in \$000s)	-	
Sequoia Mortgage Trust, Series 2017-		
CH2, Class A19, CMO, ARM, 4.00%, 12/25/47 (1)	7,901	Q
SG Residential Mortgage Trust,	7,901	8
Series 2019-3, Class A1, CMO, ARM,		
2.703%, 9/25/59 (1)	4,384	4
SMRT, Series 2022-MINI, Class C,		
ARM, 1M TSFR + 1.55%, 2.829%,	100.000	0.4
1/15/39 (1) Stanwood Mostango Posidential Trust	100,000	
Starwood Mortgage Residential Trust, Series 2019-INV1, Class A1, CMO,		
ARM, 2.61%, 9/27/49 (1)	1,309	1
Structured Agency Credit Risk Debt		
Notes, Series 2018-HRP2, Class M2,		
CMO, ARM, 1M USD LIBOR + 1.25%,	4 901	F
2.874%, 2/25/47 (1) Structured Agency Credit Risk Debt	4,821	5
Notes, Series 2020-DNA2, Class M2,		
CMO, ARM, 1M USD LIBOR + 1.85%,		
3.474%, 2/25/50 (1)	38,019	38
Structured Agency Credit Risk Debt		
Notes, Series 2020-DNA5, Class		
M2, CMO, ARM, SOFR30A + 2.80%, 3.726%, 10/25/50 (1)	24,628	25
Structured Agency Credit Risk Debt		
Notes, Series 2021-DNA2, Class		
M2, CMO, ARM, SOFR30A + 2.30%,		
3.226%, 8/25/33 (1)	25,000	24
Structured Agency Credit Risk Debt		
Notes, Series 2021-HQA3, Class M1, CMO, ARM, SOFR30A + 0.85%,		
1.776%, 9/25/41 (1)	39,143	38
Structured Agency Credit Risk Debt		
Notes, Series 2021-HQA4, Class		
M1, CMO, ARM, SOFR30A + 0.95%,	55.000	50
1.876%, 12/25/41 (1)	55,000	53
Structured Agency Credit Risk Debt Notes, Series 2022-DNA1, Class		
M1B, CMO, ARM, SOFR30A + 1.85%,		
2.776%, 1/25/42 (1)	45,000	40
Structured Agency Credit Risk Debt		
Notes, Series 2022-DNA3, Class		
M1A, CMO, ARM, SOFR30A + 2.00%, 2.926%, 4/25/42 (1)	28,583	28
Structured Agency Credit Risk Debt	20,000	
Notes, Series 2022-DNA5, Class		
M1A, CMO, ARM, SOFR30A + 2.95%,		
3.729%, 6/25/42 (1)	75,000	75
Structured Agency Credit Risk Debt		
Notes, Series 2022-HQA1, Class M1A, CMO, ARM, SOFR30A + 2.10%,		
3.026%, 3/25/42 (1)	60.217	60
Towd Point Mortgage Trust,		
Series 2017-1, Class A1, CMO, ARM,		
	9,783	10
Towd Point Mortgage Trust,		
Series 2017-1, Class M1, CMO, ARM, 3 75% 10/25/56 (1)	100,000	97
3.75%, 10/25/56 (1) Vista Point Securitization Trust,	100,000	
Series 2020-2, Class A1, CMO, ARM,		
1.475%, 4/25/65 (1)	33,315	32

	Shares/Par	\$ Value
(Cost and value in \$000s)		
Wells Fargo Commercial Mortgage		
Trust, Series 2017-C39, Class B,		
4.025%, 9/15/50	125,000	117
Wells Fargo Commercial Mortgage		
Trust, Series 2019-JWDR, Class A,		
ARM, 2.584%, 9/15/31 (1)	100,000	91
Total Non-U.S. Government		
Mortgage-Backed Securities (Cost		0 170
\$3,401)		3,179
U.S. GOVERNMENT & AGENCY MC	RTGAGE-BACKEI)
SECURITIES 4.8%		
U.S. Government Agency		
Obligations 3.6%		
Federal Home Loan Mortgage		
2.50%, 4/1/30	16,616	16
3.00%, 12/1/42 - 4/1/43	69,733	67
3.50%, 8/1/42 - 3/1/44	97,240 47,756	96 46
4.00%, 8/1/40 - 8/1/45 4.50%, 6/1/39 - 5/1/42	49,637	51
5.00%, 1/1/24 - 8/1/40	17,461	18
6.00%, 8/1/22 - 8/1/38	4,736	6
6.50%, 3/1/32	155	
7.00%, 6/1/32	580	_
Federal Home Loan Mortgage, ARM		
12M USD LIBOR + 1.829%, 2.203%,		
2/1/37	2,087	2
12M USD LIBOR + 1.842%, 2.091%,	1 400	1
1/1/37 Federal Home Loan Mortgage, UMBS	1,402	¹
1.50%, 4/1/37	15,706	14
2.00%, 3/1/42 - 5/1/52	593,608	518
2.50%, 3/1/42 - 5/1/52	497,836	450
3.00%, 12/1/46 - 12/1/50	25,558	24
3.50%, 11/1/47 - 11/1/50	57,242	56
4.00%, 12/1/49 - 2/1/50	63,404	62
4.50%, 5/1/50	9,946	10
Federal National Mortgage Assn.	10.040	10
3.00%, 8/1/43 - 2/1/44 3.50%, 6/1/42 - 1/1/44	12,646 98,950	12 95
4.00%, 11/1/40	27,668	28
Federal National Mortgage Assn.,	27,000	20
ARM, 12M USD LIBOR + 1.881%,		
2.131%, 8/1/36	1,639	2
Federal National Mortgage Assn.,		
CMO, IO, 6.50%, 2/25/32	447	. .
Federal National Mortgage Assn.,		
UMBS	100 700	110
1.50%, 4/1/37 - 1/1/42	162,796	146
2.00%, 4/1/42 - 4/1/52	1,063,628	928
2.50%, 1/1/32 - 4/1/52 3.00%, 6/1/27 - 10/1/51	1,131,302 787,274	1,029 751
3.50%, 11/1/32 - 1/1/52	390,765	386
4.00%, 11/1/40 - 12/1/49	277,593	283
4.50%, 10/1/26 - 5/1/50	133,442	136
5.00%, 3/1/34 - 3/1/49	83,134	89
5.50%, 12/1/34 - 9/1/41	60,624	65
6.00%, 4/1/33 - 1/1/41	41,591	45

	Shares/Par	\$ Value
(Cost and value in \$000s)		
6.50%, 7/1/32 - 5/1/40	22,347	24
7.00%, 4/1/32	235	_
UMBS, TBA (10)		
2.00%, 7/1/52	250,000	217
4.00%, 7/1/52	150,000	148
4.50%, 7/1/52	140,000	141
		5,962
U.S. Government		
Obligations 1.2%		
Government National Mortgage Assn.		
2.00%, 3/20/51 - 5/20/52	376,475	337
2.50%, 8/20/50 - 12/20/51	467,887	429
3.00%, 7/15/43 - 6/20/52	368,042	349
3.50%, 12/20/42 - 4/20/48	294,121	289
4.00%, 7/20/42 - 1/20/48	102,867	104
4.50%, 10/20/39 - 3/20/47	63,475	67
5.00%, 3/20/34 - 6/20/48	85,614	91
5.50%, 10/20/32 - 3/20/49	61,095	63
6.00%, 4/15/36 - 12/20/38	8,932	10
6.50%, 3/15/26 - 4/15/26	2,073	2
7.00%, 9/20/27	1,250	1
8.00%, 4/15/26	118	_
Government National Mortgage Assn., CMO		
3.00%, 11/20/47 - 12/20/47	6,018	5
3.50%, 10/20/50	25,000	24
Government National Mortgage Assn.,		
CMO, IO, 4.50%, 12/20/39	69	
Government National Mortgage Assn.,		
TBA (10)		
2.00%, 7/20/52	65,000	58
3.00%, 7/20/52	90,000	85
4.00%, 7/20/52	75,000	75
4.50%, 7/20/52	55,000	56
		2,045
Total U.S. Government & Agency Mortgage-Backed Securities (Cost \$8,447)		8,007

U.S. GOVERNMENT AGENCY OBLIGATIONS (EXCLUDING MORTGAGE-BACKED) 6.2%

U.S. Treasury Obligations 6.2%

U.S. Treasury Bonds, 1.875%,		
11/15/51	390,000	293
U.S. Treasury Bonds, 2.25%, 2/15/52	380,000	313
U.S. Treasury Bonds, 2.375%, 2/15/42	475,000	403
U.S. Treasury Bonds, 2.875%, 5/15/52	360,000	340
U.S. Treasury Bonds, 3.25%, 5/15/42	830,000	810
U.S. Treasury Notes, 0.125%, 1/15/24	285,000	273
U.S. Treasury Notes, 0.125%,		
2/15/24 (11)	1,050,000	1,003
U.S. Treasury Notes, 0.25%, 3/15/24	875,000	835
U.S. Treasury Notes, 0.25%, 3/15/24 U.S. Treasury Notes, 0.25%, 6/15/24	875,000 745,000	835 706
U.S. Treasury Notes, 0.25%, 6/15/24	745,000	706
U.S. Treasury Notes, 0.25%, 6/15/24 U.S. Treasury Notes, 0.375%, 7/15/24	745,000 405,000	706 384
U.S. Treasury Notes, 0.25%, 6/15/24 U.S. Treasury Notes, 0.375%, 7/15/24 U.S. Treasury Notes, 0.375%, 9/15/24	745,000 405,000	706 384
U.S. Treasury Notes, 0.25%, 6/15/24 U.S. Treasury Notes, 0.375%, 7/15/24 U.S. Treasury Notes, 0.375%, 9/15/24 U.S. Treasury Notes, 0.625%,	745,000 405,000 440,000	706 384 415

	Shares/Par	\$ Value
(Cost and value in \$000s)		
U.S. Treasury Notes, 1.125%, 1/15/25	705,000	672
U.S. Treasury Notes, 1.75%, 3/15/25	485,000	469
U.S. Treasury Notes, 2.50%, 3/31/27	1,090,000	1,063
U.S. Treasury Notes, 2.625%, 5/31/27	615,000	603
U.S. Treasury Notes, 2.75%, 4/30/27	605,000	597
		10,271
Total U.S. Government Agency		
Obligations (Excluding Mortgage-		
Backed) (Cost \$10,847)		10,271
SHORT-TERM INVESTMENTS 6.6%)	
Money Market Funds 6.6%		
T. Rowe Price Treasury Reserve Fund,		
1.42% (2)(12)	11,001,055	11,001
Total Short-Term Investments (Cost		
\$11,001)		11,001
SECURITIES LENDING COLLATERA	AL 0.5%	
INVESTMENTS IN A POOLED ACCOU LENDING PROGRAM WITH JPMORGA		

Money Market Funds 0.5%

T. Rowe Price Government Reserve Fund, 1.33% (2)(12)	788,527	789
Total Investments in a Pooled Account through Securities Lending Program with JPMorgan Chase Bank		789
Total Securities Lending Collateral (Cost \$789)		789
Total Investments in Securities 100.6% of Net Assets (Cost \$150,260)	\$	167,687

- ‡ Shares/Par and Notional Amount are denominated in U.S. dollars unless otherwise noted.
- Security was purchased pursuant to Rule 144A under the Securities Act of 1933 and may be resold in transactions exempt from registration only to qualified institutional buyers. Total value of such securities at period-end amounts to \$7,239 and represents 4.3% of net assets.
- (2) Affiliated Companies
- (3) SEC 30-day yield
- (4) Non-income producing
- (5) See Note 4. All or a portion of this security is on loan at June 30, 2022.
- (6) Security cannot be offered for public resale without first being registered under the Securities Act of 1933 and related rules ("restricted security"). Acquisition date represents the day on which an enforceable right to acquire such security is obtained and is presented along with related cost in the security description. The fund may have registration rights for certain restricted securities. Any costs related to such registration are generally borne by the issuer. The aggregate value of restricted securities (excluding 144A holdings) at period end amounts to \$586 and represents 0.4% of net assets.
- (7) See Note 2. Level 3 in fair value hierarchy.
- (8) The identity of certain securities has been concealed to protect the fund while it completes a purchase or selling program for the securities.
- (9) Security is a fix-to-float security, which carries a fixed coupon until a certain date, upon which it switches to a floating rate. Reference rate and spread are provided if the rate is currently floating.
- (10) See Note 4. To-Be-Announced purchase commitment. Total value of such securities at period-end amounts to \$780 and represents 0.5% of net assets.
- (11) At June 30, 2022, all or a portion of this security is pledged as collateral and/or margin deposit to cover future funding obligations.
 (12) Seven-day yield
- 1M TSFR One month term SOFR (Secured overnight financing rate)
- 1M USD LIBOR One month USD LIBOR (London interbank offered rate)
 - 3M TSFR Three month term SOFR (Secured overnight financing rate)
- 3M USD LIBOR Three month USD LIBOR (London interbank offered rate)
- 12M USD LIBOR Twelve month USD LIBOR (London interbank offered rate)
 - ADR American Depositary Receipts
 - ARM Adjustable Rate Mortgage (ARM); rate shown is effective rate at period-end. The rates for certain ARMs are not based on a published reference rate and spread but may be determined using a formula based on the rates of the underlying loans.
 - AUD Australian Dollar
 - CAD Canadian Dollar
 - CDI CHESS or CREST Depositary Interest
 - CHF Swiss Franc
 - CLO Collateralized Loan Obligation
 - CMO Collateralized Mortgage Obligation
 - DKK Danish Krone
 - EC Escrow CUSIP; represents a beneficial interest in a residual pool of assets; the amount and timing of future distributions, if any, is uncertain; when presented, interest rate and maturity date are those of the original security.
 - EUR Euro
 - FRN Floating Rate Note
 - GBP British Pound
 - HKD Hong Kong Dollar
 - INR Indian Rupee
 - IO Interest-only security for which the fund receives interest on notional principal
 - ISK Iceland Krona
 - JPY Japanese Yen
 - KRW South Korean Won
 - NOK Norwegian Krone
 - PTT Pass-Through Trust
 - REIT A domestic Real Estate Investment Trust whose distributions pass-through with original tax character to the shareholder
 - SDR Swedish Depository Receipts
 - SEK Swedish Krona
 - SGD Singapore Dollar
 - SOFR30A 30-day Average SOFR (Secured overnight financing rate)
 - TBA To-Be-Announced
 - TWD Taiwan Dollar
 - UMBS Uniform Mortgage-Backed Securities
 - USD U.S. Dollar

VR Variable Rate; rate shown is effective rate at period-end. The rates for certain variable rate securities are not based on a published reference rate and spread but are determined by the issuer or agent and based on current market conditions.

(Amounts in 000s)				
SWAPS (0.0)%				
Description	Notional Amount	\$ Value	Upfront Payments/ \$ (Receipts)	Unrealized \$ Gain/(Loss)
BILATERAL SWAPS 0.0%				
Credit Default Swaps, Protection Sold 0.0% JPMorgan Chase, Protection Sold (Relevant Credit: Barclays Bank, A*), Receive 1.00% Quarterly, Pay upon credit default, 6/20/24 (EUR)	10			
Total Bilateral Credit Default Swaps, Protection Sold				
Total Bilateral Swaps			- -	
Description	Notional Amount	\$ Value	Initial \$ Value	Unrealized \$ Gain/(Loss)
CENTRALLY CLEARED SWAPS (0.0)%				
Credit Default Swaps, Protection Sold (0.0)% Protection Sold (Relevant Credit: Republic of Chile, A1*), Receive 1.00% Quarterly, Pay upon credit default, 6/21/27	140	(1)	2	(3)
Protection Sold (Relevant Credit: Republic of Indonesia, Baa2*), Receive 1.00% Quarterly, Pay upon credit default, 6/21/27	203	(3)	1	(4)
Protection Sold (Relevant Credit: United Mexican States, Baa2*), Receive 1.00% Quarterly, Pay upon credit default, 6/21/27	463	(15)	(1)	(14)
Total Centrally Cleared Credit Default Swaps, Protection Sold				(21)
Total Centrally Cleared Swaps				(21)
				20
Net payments (receipts) of variation margin to date				20

* Credit ratings as of June 30, 2022. Ratings shown are from Moody's Investors Service and if Moody's does not rate a security, then Standard & Poor's (S&P) is used. Fitch is used for securities that are not rated by either Moody's or S&P.

(Amounts in 000s)

FORWARD CURRENCY EXCHANGE CONTRACTS

				Unr	ealized
Counterparty	Settlement	Receive	Deliver	Gain	/(Loss)
Barclays Bank	8/19/22	USD	46 EUR	44 \$	_
BNP Paribas	8/19/22	USD	25 EUR	23	_
State Street	8/19/22	USD	30 EUR	29	_
Net unrealized gain (loss) on open forward					
currency exchange contracts				\$	

FUTURES CONTRACTS

(\$000s)

	Expiration Date	Notional Amount	Value and Unrealized Gain (Loss)
Long, 6 U.S. Treasury Long Bond contracts	9/22	832	\$ 3
Short, 5 U.S. Treasury Notes ten year contracts	9/22	(593)	(21)
Long, 13 Ultra U.S. Treasury Bonds contracts	9/22	2,006	 (48)
Long, 18 Ultra U.S. Treasury Notes ten year contracts	9/22	2,293	 (33)
Long, 11 U.S. Treasury Notes five year contracts	9/22	1,235	 (7)
Short, 4 U.S. Treasury Notes two year contracts	9/22	(840)	 5
Net payments (receipts) of variation margin to date			 162
Variation margin receivable (payable) on open futures contracts			\$ 61

AFFILIATED COMPANIES

(\$000s)

The fund may invest in certain securities that are considered affiliated companies. As defined by the 1940 Act, an affiliated company is one in which the fund owns 5% or more of the outstanding voting securities, or a company that is under common ownership or control. The following securities were considered affiliated companies for all or some portion of the six months ended June 30, 2022. Net realized gain (loss), investment income, change in net unrealized gain/loss, and purchase and sales cost reflect all activity for the period then ended.

		Change in Net	
Affiliate	Net Realized Gain (Loss)		Investment Income
T. Rowe Price Inflation Protected Bond Fund - I Class, 5.89%	\$ _	\$ —	\$ —
T. Rowe Price Institutional Emerging Markets Bond Fund, 6.91%	_	(1,882)	166
T. Rowe Price Institutional Emerging Markets Equity Fund	(11)	(1,793)	_
T. Rowe Price Institutional Floating Rate Fund - Institutional Class, 4.75%	(34)	(42)	25
T. Rowe Price Institutional High Yield Fund - Institutional Class, 7.83%	(213)	(1,805)	314
T. Rowe Price International Bond Fund - I Class, 2.91%	_	(1,516)	79
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class, 5.04%	(57)	13	_
T. Rowe Price Real Assets Fund - I Class	_	(731)	_
T. Rowe Price Treasury Reserve Fund, 1.42%	_	_	23
T. Rowe Price Government Reserve Fund, 1.33%	 		_++
Totals	\$ (315)#	\$ (7,756)	\$ 607+

Supplementary Investment Schedule

Affiliate	Value 12/31/21	Purchase Cost	Sales Cost	Value 06/30/22
T. Rowe Price Inflation Protected Bond Fund - I Class, 5.89%	\$ 6\$	- \$	- \$	6
T. Rowe Price Institutional Emerging Markets Bond Fund, 6.91%	7,915	414	_	6,447
T. Rowe Price Institutional Emerging Markets Equity Fund	9,274	150	111	7,520
T. Rowe Price Institutional Floating Rate Fund - Institutional Class, 4.75%	1,316	25	559	740
T. Rowe Price Institutional High Yield Fund - Institutional Class, 7.83%	12,273	310	1,463	9,315
T. Rowe Price International Bond Fund - I Class, 2.91%	8,540	78	_	7,102
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class, 5.04%	2,515	_	1,707	821
T. Rowe Price Real Assets Fund - I Class	3,555	1,429	_	4,253
T. Rowe Price Government Reserve Fund, 1.33%	391	a	a	789
T. Rowe Price Treasury Reserve Fund, 1.42%	 15,775	۵	۵	11,001
Total			\$	47,994^

Capital gain distributions from mutual funds represented \$0 of the net realized gain (loss).

++ Excludes earnings on securities lending collateral, which are subject to rebates and fees as described in Note 4.

+ Investment income comprised \$607 of dividend income and \$0 of interest income.

X Purchase and sale information not shown for cash management funds.

^A The cost basis of investments in affiliated companies was \$51,310.

June 30, 2022 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets Investments in securities, at value (cost \$150,260) Receivable for investment securities sold Interest and dividends receivable Receivable for shares sold Foreign currency (cost \$71) Variation margin receivable on futures contracts Cash Other assets Total assets	\$ 167,687 1,204 270 125 71 61 1 122 169,541
Liabilities Payable for investment securities purchased Obligation to return securities lending collateral Investment management and administrative fees payable Payable for shares redeemed Variation margin payable on centrally cleared swaps Total liabilities	 1,875 789 179 27 1 2,871
NET ASSETS	\$ 166,670
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 9,077,642 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized	\$ 20,983 145,687
NET ASSETS	\$ 166,670
NET ASSET VALUE PER SHARE	\$ 18.36

Unaudited

STATEMENT OF OPERATIONS

(\$000s)

	6 Months Ended 6/30/22
Investment Income (Loss)	
Income	
Dividend (net of foreign taxes of \$67)	\$ 1,536
Interest	398
Securities lending	5
Total income	1,939
Expenses	
Investment management and administrative expense	831
Waived / paid by Price Associates	(181)
Net expenses	650
Net investment income	1,289
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	2,982
Futures	(720)
Swaps	(70)
Forward currency exchange contracts	5
Foreign currency transactions	(14)
Net realized gain	2,183
Change in net unrealized gain / loss	
Securities	(41,053)
Futures	(162)
Swaps	(21)
Forward currency exchange contracts	4
Other assets and liabilities denominated in foreign currencies	(10)
Change in net unrealized gain / loss	(41,242)
Net realized and unrealized gain / loss	(39,059)
DECREASE IN NET ASSETS FROM OPERATIONS	<u>\$ (37,770)</u>

Unaudited

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)

	6 Months	Year
	Ended	Ended
	6/30/22	12/31/21
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 1,289 \$	2,054
Net realized gain	2,183	19,999
Change in net unrealized gain / loss	 (41,242)	(2,456)
Increase (decrease) in net assets from operations	 (37,770)	19,597
Distributions to shareholders		
Net earnings	 (1,268)	(21,441)
Capital share transactions*		
Shares sold	7,955	18,455
Distributions reinvested	1,268	21,441
Shares redeemed	 (12,811)	(29,626)
Increase (decrease) in net assets from capital share transactions	 (3,588)	10,270
Net Assets		
Increase (decrease) during period	(42,626)	8,426
Beginning of period	 209,296	200,870
End of period	\$ 166,670 \$	209,296
*Share information (000s)		
Shares sold	393	758
Distributions reinvested	65	959
Shares redeemed	(628)	(1,235)
Increase (decrease) in shares outstanding	 (170)	482
	· · /	

Unaudited

NOTES TO FINANCIAL STATEMENTS

T. Rowe Price Equity Series, Inc. (the corporation) is registered under the Investment Company Act of 1940 (the 1940 Act). The Moderate Allocation Portfolio (the fund) is a diversified, open-end management investment company established by the corporation. The fund seeks the highest total return over time consistent with an emphasis on both capital appreciation and income. Shares of the fund are currently offered only to insurance company separate accounts established for the purpose of funding variable annuity contracts and variable life insurance policies.

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Preparation The fund is an investment company and follows accounting and reporting guidance in the Financial Accounting Standards Board (FASB) *Accounting Standards Codification* Topic 946 (ASC 946). The accompanying financial statements were prepared in accordance with accounting principles generally accepted in the United States of America (GAAP), including, but not limited to, ASC 946. GAAP requires the use of estimates made by management. Management believes that estimates and valuations are appropriate; however, actual results may differ from those estimates, and the valuations reflected in the accompanying financial statements may differ from the value ultimately realized upon sale or maturity.

Investment Transactions, Investment Income, and Distributions Investment transactions are accounted for on the trade date basis. Income and expenses are recorded on the accrual basis. Realized gains and losses are reported on the identified cost basis. Premiums and discounts on debt securities are amortized for financial reporting purposes. Paydown gains and losses are recorded as an adjustment to interest income. Inflation adjustments to the principal amount of inflation-indexed bonds are reflected as interest income. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from mutual fund investments are reflected as dividend income; capital gain distributions are reflected as realized gain/loss. Dividend income and capital gain distributions are recorded on the ex-dividend date. Distributions from REITs are initially recorded as dividend income and, to the extent such represent a return of capital gain for tax purposes, are received. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid quarterly. A capital gain distribution may also be declared and paid by the fund annually.

Currency Translation Assets, including investments, and liabilities denominated in foreign currencies are translated into U.S. dollar values each day at the prevailing exchange rate, using the mean of the bid and asked prices of such currencies against U.S. dollars as provided by an outside pricing service. Purchases and sales of securities, income, and expenses are translated into U.S. dollars at the prevailing exchange rate on the respective date of such transaction. The effect of changes in foreign currency exchange rates on realized and unrealized security gains and losses is not bifurcated from the portion attributable to changes in market prices.

Capital Transactions Each investor's interest in the net assets of the fund is represented by fund shares. The fund's net asset value (NAV) per share is computed at the close of the New York Stock Exchange (NYSE), normally 4 p.m. ET, each day the NYSE is open for business. However, the NAV per share may be calculated at a time other than the normal close of the NYSE if trading on the NYSE is restricted, if the NYSE closes earlier, or as may be permitted by the SEC. Purchases and redemptions of fund shares are transacted at the next-computed NAV per share, after receipt of the transaction order by T. Rowe Price Associates, Inc., or its agents.

New Accounting Guidance In March 2020, the FASB issued Accounting Standards Update (ASU), ASU 2020–04, Reference Rate Reform (Topic 848) – Facilitation of the Effects of Reference Rate Reform on Financial Reporting, which provides optional, temporary relief with respect to the financial reporting of contracts subject to certain types of modifications due to the planned discontinuation of the London Interbank Offered Rate (LIBOR) and other interbank-offered based reference rates as of the end of 2021. In March 2021, the administrator for LIBOR announced the extension of the publication of a majority of the USD LIBOR settings to June 30, 2023. Management expects that the adoption of the guidance will not have a material impact on the fund's financial statements.

Indemnification In the normal course of business, the fund may provide indemnification in connection with its officers and directors, service providers, and/or private company investments. The fund's maximum exposure under these arrangements is unknown; however, the risk of material loss is currently considered to be remote.

NOTE 2 - VALUATION

Fair Value The fund's financial instruments are valued at the close of the NYSE and are reported at fair value, which GAAP defines as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The T. Rowe Price Valuation Committee (the Valuation Committee) is an internal committee that has been delegated certain responsibilities by the fund's Board of Directors (the Board) to ensure that financial instruments are appropriately priced at fair value in accordance with GAAP and the 1940 Act. Subject to oversight by the Board, the Valuation Committee develops and oversees pricing-related policies and procedures and approves all fair value determinations. Specifically, the Valuation Committee establishes policies and procedures used in valuing financial instruments, including those which cannot be valued in accordance with normal procedures or using pricing vendors; determines pricing techniques, sources, and persons eligible to effect fair value pricing actions; evaluates the services and performance of the pricing vendors; oversees the pricing process to ensure policies and procedures are being followed; and provides guidance on internal controls and valuation-related matters. The Valuation Committee provides periodic reporting to the Board on valuation matters.

Various valuation techniques and inputs are used to determine the fair value of financial instruments. GAAP establishes the following fair value hierarchy that categorizes the inputs used to measure fair value:

Level 1 - quoted prices (unadjusted) in active markets for identical financial instruments that the fund can access at the reporting date

- Level 2 inputs other than Level 1 quoted prices that are observable, either directly or indirectly (including, but not limited to, quoted prices for similar financial instruments in active markets, quoted prices for identical or similar financial instruments in inactive markets, interest rates and yield curves, implied volatilities, and credit spreads)
- Level 3 unobservable inputs (including the fund's own assumptions in determining fair value)

Observable inputs are developed using market data, such as publicly available information about actual events or transactions, and reflect the assumptions that market participants would use to price the financial instrument. Unobservable inputs are those for which market data are not available and are developed using the best information available about the assumptions that market participants would use to price the financial instrument. GAAP requires valuation techniques to maximize the use of relevant observable inputs and minimize the use of unobservable inputs. When multiple inputs are used to derive fair value, the financial instrument is assigned to the level within the fair value hierarchy based on the lowest-level input that is significant to the fair value of the financial instrument. Input levels are not necessarily an indication of the risk or liquidity associated with financial instruments at that level but rather the degree of judgment used in determining those values.

Valuation Techniques Equity securities, including exchange-traded funds, listed or regularly traded on a securities exchange or in the over-the-counter (OTC) market are valued at the last quoted sale price or, for certain markets, the official closing price at the time the valuations are made. OTC Bulletin Board securities are valued at the mean of the closing bid and asked prices. A security that is listed or traded on more than one exchange is valued at the quotation on the exchange determined to be the primary market for such security. Listed securities not traded on a particular day are valued at the mean of the closing bid and asked prices for domestic securities and the last quoted sale or closing price for international securities.

The last quoted prices of non-U.S. equity securities may be adjusted to reflect the fair value of such securities at the close of the NYSE, if the fund determines that developments between the close of a foreign market and the close of the NYSE will affect the value of some or all of its portfolio securities. Each business day, the fund uses information from outside pricing services to evaluate and, if appropriate, decide whether it is necessary to adjust quoted prices to reflect fair value by reviewing a variety of factors, including developments in foreign markets, the performance of U.S. securities markets, and the performance of instruments trading in U.S. markets that represent foreign securities and baskets of foreign securities. The fund uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The fund cannot predict how often it will use quoted prices and how often it will determine it necessary to adjust those prices to reflect fair value.

Debt securities generally are traded in the over-the-counter (OTC) market and are valued at prices furnished by independent pricing services or by broker dealers who make markets in such securities. When valuing securities, the independent pricing services consider the yield or price of bonds of comparable quality, coupon, maturity, and type, as well as prices quoted by dealers who make markets in such securities.

Investments in mutual funds are valued at the mutual fund's closing NAV per share on the day of valuation. Futures contracts are valued at closing settlement prices. Forward currency exchange contracts are valued using the prevailing forward exchange rate. Swaps are valued at prices furnished by an independent pricing service or independent swap dealers. Assets and liabilities other than financial instruments, including short-term receivables and payables, are carried at cost, or estimated realizable value, if less, which approximates fair value.

Investments for which market quotations or market-based valuations are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Committee, in accordance with fair valuation policies and procedures. The objective of any fair value pricing determination is to arrive at a price that could reasonably be expected from a current sale. Financial instruments fair valued by the Valuation Committee are primarily private placements, restricted securities, warrants, rights, and other securities that are not publicly traded. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Committee typically will afford greatest weight to actual prices in arm's length transactions, to the extent they represent orderly transactions between market participants, transaction information can be reliably obtained, and prices are deemed representative of fair value. However, the Valuation Committee may also consider other valuation methods such as market-based valuation multiples; a discount or premium from market value of a similar, freely traded security of the same issuer; discounted cash flows; yield to maturity; or some combination. Fair value determinations are reviewed on a regular basis and updated as information becomes available, including actual purchase and sale transactions of the investment. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions, and fair value prices determined by the Valuation Committee could differ from those of other market participants.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2022 (for further detail by category, please refer to the accompanying Portfolio of Investments):

(\$000s)	Level 1	Level 2	Level 3	Total Value
Assets				
Fixed Income Securities ¹	\$ - \$	34,242 \$	- \$	34,242
Bond Mutual Funds	24,431	_	_	24,431
Common Stocks	64,480	20,349	129	84,958
Convertible Preferred Stocks	_	36	457	493
Equity Mutual Funds	11,773	_	_	11,773
Short-Term Investments	11,001	_	_	11,001
Securities Lending Collateral	789	_	_	789
Total Securities	 112,474	54,627	586	167,687
Futures Contracts*	 8	_	_	8
Total	\$ 112,482 \$	54,627 \$	586 \$	167,695
Liabilities				
Swaps*	\$ - \$	21 \$	- \$	21
Futures Contracts*	 109	_	_	109
Total	\$ 109 \$	21 \$	- \$	130

¹ Includes Asset-Backed Securities, Corporate Bonds, Foreign Government Obligations & Municipalities, Non-U.S. Government Mortgage-Backed Securities, U.S. Government & Agency Mortgage-Backed Securities and U.S. Government Agency Obligations (Excluding Mortgage-Backed).

* The fair value presented includes cumulative gain (loss) on open futures contracts and centrally cleared swaps; however, the net value reflected on the accompanying Portfolio of Investments is only the unsettled variation margin receivable (payable) at that date.

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2022, the fund invested in derivative instruments. As defined by GAAP, a derivative is a financial instrument whose value is derived from an underlying security price, foreign exchange rate, interest rate, index of prices or rates, or other variable; it requires little or no initial investment and permits or requires net settlement. The fund invests in derivatives only if the expected risks and rewards are consistent with its investment objectives, policies, and overall risk profile, as described in its prospectus and Statement of Additional Information. The fund may use derivatives for a variety of purposes and may use them to establish both long and short positions within the fund's portfolio. Potential uses include to hedge against declines in principal value, increase yield, invest in an asset with greater efficiency and at a lower cost than is possible through direct investment, to enhance return, or to adjust credit exposure. The risks associated with the use of derivatives are different from, and potentially much greater than, the risks associated with investing directly in the instruments on which the derivatives are based. The fund at all times maintains sufficient cash reserves, liquid assets, or other SEC-permitted asset types to cover its settlement obligations under open derivative contracts.

The fund values its derivatives at fair value and recognizes changes in fair value currently in its results of operations. Accordingly, the fund does not follow hedge accounting, even for derivatives employed as economic hedges. Generally, the fund accounts for its derivatives on a gross basis. It does not offset the fair value of derivative liabilities against the fair value of derivative assets on its financial statements, nor does it offset the fair value of derivative instruments against the right to reclaim or obligation to return collateral. The following table summarizes the fair value of the fund's derivative instruments held as of June 30, 2022, and the related location on the accompanying Statement of Assets and Liabilities, presented by primary underlying risk exposure:

(\$000s)	Location on Statement of Assets and Liabilities	Fair Value*
Assets		
Interest rate derivatives	Futures	\$ 8
Foreign exchange derivatives	Forwards	-†
Credit derivatives	Bilateral Swaps and Premiums	 -†
Total		\$ 8
Liabilities		
Interest rate derivatives	Futures	\$ 109
Foreign exchange derivatives	Forwards	-†
Credit derivatives	Centrally Cleared Swaps	 21
Total		\$ 130

* The fair value presented includes cumulative gain (loss) on open futures contracts and centrally cleared swaps; however, the value reflected on the accompanying Statement of Assets and Liabilities is only the unsettled variation margin receivable (payable) at that date.

† Amount represents less than \$1,000.

Additionally, the amount of gains and losses on derivative instruments recognized in fund earnings during the six months ended June 30, 2022, and the related location on the accompanying Statement of Operations is summarized in the following table by primary underlying risk exposure:

(\$000s)	Location of Gain (Loss) on Statement of Ope	ration	6					
		Secu	urities^	Futures	Cu Exc	orward Irrency change ntracts	Swaps	Total
Realized Gain (Loss)								
Interest rate derivatives		\$	(7)	\$ (720)	\$	_	\$ _	\$ (727)
Foreign exchange derivatives	3		_	_		5	_	5
Credit derivatives			-	 _		-	 (70)	 (70)
Total		\$	(7)	\$ (720)	\$	5	\$ (70)	\$ (792)
Change in Unrealized Gain (Loss)								
Interest rate derivatives		\$	_	\$ (162)	\$	_	\$ _	\$ (162)
Foreign exchange derivatives			_	_		4	_	4
Credit derivatives			-	 _		-	 (21)	(21)
Total		\$	_	\$ (162)	\$	4	\$ (21)	\$ (179)

Counterparty Risk and Collateral The fund invests in derivatives in various markets, which expose it to differing levels of counterparty risk. Counterparty risk on exchange-traded and centrally cleared derivative contracts, such as futures, exchange-traded options, and centrally cleared swaps, is minimal because the clearinghouse provides protection against counterparty defaults. For futures and centrally cleared swaps, the fund is required to deposit collateral in an amount specified by the clearinghouse and the clearing firm (margin requirement), and the margin requirement must be maintained over the life of the contract. Each clearinghouse and clearing firm, in its sole discretion, may adjust the margin requirements applicable to the fund.

Derivatives, such as bilateral swaps, forward currency exchange contracts, and OTC options, that are transacted and settle directly with a counterparty (bilateral derivatives) may expose the fund to greater counterparty risk. To mitigate this risk, the fund has entered into master netting arrangements (MNAs) with certain counterparties that permit net settlement under specified conditions and, for certain counterparties, also require the exchange of collateral to cover mark-to-market exposure. MNAs may be in the form of International Swaps and Derivatives Association master agreements (ISDAs) or foreign exchange letter agreements (FX letters).

MNAs provide the ability to offset amounts the fund owes a counterparty against amounts the counterparty owes the fund (net settlement). Both ISDAs and FX letters generally allow termination of transactions and net settlement upon the occurrence of contractually specified events, such as failure to pay or bankruptcy. In addition, ISDAs specify other events, the occurrence of which would allow one of the parties to terminate. For example, a downgrade in credit rating of a counterparty below a specified rating would allow the fund to terminate, while a decline in the fund's net assets of more than a specified percentage would allow the counterparty to terminate. Upon termination, all transactions with that counterparty would be liquidated and a net termination amount settled. ISDAs typically include collateral agreements whereas FX letters do not. Collateral requirements are determined daily based on the net aggregate unrealized gain or loss on all bilateral derivatives with a counterparty, subject to minimum transfer amounts that typically range from \$100,000 to \$250,000. Any additional collateral required due to changes in security values is typically transferred the next business day.

Collateral may be in the form of cash or debt securities issued by the U.S. government or related agencies, although other securities may be used depending on the terms outlined in the applicable MNA. Cash posted by the fund is reflected as cash deposits in the accompanying financial statements and generally is restricted from withdrawal by the fund; securities posted by the fund are so noted

in the accompanying Portfolio of Investments; both remain in the fund's assets. Collateral pledged by counterparties is not included in the fund's assets because the fund does not obtain effective control over those assets. For bilateral derivatives, collateral posted or received by the fund is held in a segregated account at the fund's custodian. While typically not sold in the same manner as equity or fixed income securities, exchange-traded or centrally cleared derivatives may be closed out only on the exchange or clearinghouse where the contracts were cleared, and OTC and bilateral derivatives may be unwound with counterparties or transactions assigned to other counterparties to allow the fund to exit the transaction. This ability is subject to the liquidity of underlying positions. As of June 30, 2022, no collateral was pledged by either the fund or counterparties for bilateral derivatives. As of June 30, 2022, securities valued at \$527,000 had been posted by the fund for exchange-traded and/or centrally cleared derivatives.

Forward Currency Exchange Contracts The fund is subject to foreign currency exchange rate risk in the normal course of pursuing its investment objectives. It uses forward currency exchange contracts (forwards) primarily to protect its non-U.S. dollar-denominated securities from adverse currency movements. A forward involves an obligation to purchase or sell a fixed amount of a specific currency on a future date at a price set at the time of the contract. Although certain forwards may be settled by exchanging only the net gain or loss on the contract, most forwards are settled with the exchange of the underlying currencies in accordance with the specified terms. Forwards are valued at the unrealized gain or loss on the contract, which reflects the net amount the fund either is entitled to receive or obligated to deliver, as measured by the difference between the forward exchange rates at the date of entry into the contract and the forward rates at the reporting date. Appreciated forwards are reflected as assets and depreciated forwards are reflected as liabilities on the accompanying Statement of Assets and Liabilities. Risks related to the use of forwards include the possible failure of counterparties to meet the terms of the agreements; that anticipated currency movements will not occur, thereby reducing the fund's total return; and the potential for losses in excess of the fund's initial investment. During the six months ended June 30, 2022, the volume of the fund's activity in forwards, based on underlying notional amounts, was generally less than 1% of net assets.

Futures Contracts The fund is subject to interest rate risk in the normal course of pursuing its investment objectives and uses futures contracts to help manage such risk. The fund may enter into futures contracts to manage exposure to interest rates, security prices, foreign currencies, and credit quality; as an efficient means of adjusting exposure to all or part of a target market; to enhance income; as a cash management tool; or to adjust credit exposure. A futures contract provides for the future sale by one party and purchase by another of a specified amount of a specific underlying financial instrument at an agreed-upon price, date, time, and place. The fund currently invests only in exchange-traded futures, which generally are standardized as to maturity date, underlying financial instrument, and other contract terms. Payments are made or received by the fund each day to settle daily fluctuations in the value of the contract (variation margin), which reflect changes in the value of the underlying financial instrument. Variation margin is recorded as unrealized gain or loss until the contract is closed. The value of a futures contract included in net assets is the amount of unsettled variation margin; net variation margin receivable is reflected as an asset and net variation margin payable is reflected as a liability on the accompanying Statement of Assets and Liabilities. Risks related to the use of futures contracts include possible illiquidity of the futures markets, contract prices that can be highly volatile and imperfectly correlated to movements in hedged security values and/or interest rates, and potential losses in excess of the fund's initial investment. During the six months ended June 30, 2022, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between 3% and 8% of net assets.

Options The fund is subject to interest rate risk in the normal course of pursuing its investment objectives and uses options to help manage such risk. The fund may use options to manage exposure to security prices, interest rates, foreign currencies, and credit quality; as an efficient means of adjusting exposure to all or a part of a target market; to enhance income; as a cash management tool; or to adjust credit exposure. Options are included in net assets at fair value, options purchased are included in Investments in Securities, and options written are separately reflected as a liability on the accompanying Statement of Assets and Liabilities. Premiums on unexercised, expired options are recorded as realized gains or losses; premiums on exercised options are recorded as an adjustment to the proceeds from the sale or cost of the purchase. The difference between the premium and the amount received or paid in a closing transaction is also treated as realized gain or loss. In return for a premium paid, call and put options on futures give the holder the right, but not the obligation, to purchase or sell, respectively, a position in a particular futures contract at a specified exercise price. Risks related to the use of options include possible illiquidity of the options markets; trading restrictions imposed by an exchange or counterparty; possible failure of counterparties to meet the terms of the agreements; movements in the underlying asset values and interest rates; and, for options written, the potential for losses to exceed any premium received by the fund. During the six months ended June 30, 2022, the volume of the fund's activity in options, based on underlying notional amounts, was generally less than 1% of net assets.

Swaps The fund is subject to credit risk in the normal course of pursuing its investment objectives and uses swap contracts to help manage such risk. The fund may use swaps in an effort to manage both long and short exposure to changes in interest rates, inflation rates, and credit quality; to adjust overall exposure to certain markets; to enhance total return or protect the value of portfolio securities; to serve as a cash management tool; or to adjust credit exposure. Swap agreements can be settled either directly with the counterparty (bilateral swap) or through a central clearinghouse (centrally cleared swap). Fluctuations in the fair value of a contract are reflected in unrealized gain or loss and are reclassified to realized gain or loss upon contract termination or cash settlement. Net periodic receipts or payments required by a contract increase or decrease, respectively, the value of the contract until the contractual payment date, at which time such amounts are reclassified from unrealized to realized gain or loss. For bilateral swaps, cash payments are made or received by the fund on a periodic basis in accordance with contract terms; unrealized gain on contracts and premiums paid are reflected as assets and unrealized loss on contracts and premiums received are amortized over the life of the swap and are recognized as realized gain or loss in the Statement of Operations. For centrally cleared swaps, payments are made or received by the fund each day to settle the daily fluctuation in the value of the contract (variation margin). Accordingly, the value of a centrally cleared swap included in net assets is the unsettled variation margin; net variation margin receivable is reflected as an asset and net variation margin payable is reflected as a liabilities.

Credit default swaps are agreements where one party (the protection buyer) agrees to make periodic payments to another party (the protection seller) in exchange for protection against specified credit events, such as certain defaults and bankruptcies related to an underlying credit instrument, or issuer or index of such instruments. Upon occurrence of a specified credit event, the protection seller is required to pay the buyer the difference between the notional amount of the swap and the value of the underlying credit, either in the form of a net cash settlement or by paying the gross notional amount and accepting delivery of the relevant underlying securities included in the index and will be settled based upon the relative weighting of the affected underlying security(ies) within the index. Generally, the payment risk for the seller of protection is inversely related to the current market price or credit rating of the underlying credit or the market value of the contract relative to the notional amount, which are indicators of the markets' valuation of credit quality. As of June 30, 2022, the notional amount of protection sold by the fund totaled \$816,000 (0.5% of net assets), which reflects the maximum potential amount the fund could be required to pay under such contracts. Risks related to the use of credit default swaps include the possible inability of the fund to accurately assess the current and future creditworthiness of underlying issuers, the possible failure of a counterparty to perform in accordance with the terms of the swap agreements, potential government regulation that could adversely affect the fund's initial investment.

During the six months ended June 30, 2022, the volume of the fund's activity in swaps, based on underlying notional amounts, was generally between 0% and 2% of net assets.

NOTE 4 - OTHER INVESTMENT TRANSACTIONS

Consistent with its investment objective, the fund engages in the following practices to manage exposure to certain risks and/or to enhance performance. The investment objective, policies, program, and risk factors of the fund are described more fully in the fund's prospectus and Statement of Additional Information.

Emerging and Frontier Markets The fund invests, either directly or through investments in other T. Rowe Price funds, in securities of companies located in, issued by governments of, or denominated in or linked to the currencies of emerging and frontier market countries. Emerging markets, and to a greater extent frontier markets, generally have economic structures that are less diverse and mature, and political systems that are less stable, than developed countries. These markets may be subject to greater political, economic, and social uncertainty and differing regulatory environments that may potentially impact the fund's ability to buy or sell certain securities or repatriate proceeds to U.S. dollars. Such securities are often subject to greater price volatility, less liquidity, and higher rates of inflation than U.S. securities. Investing in frontier markets is significantly riskier than investing in other countries, including emerging markets.

Restricted Securities The fund invests in securities that are subject to legal or contractual restrictions on resale. Prompt sale of such securities at an acceptable price may be difficult and may involve substantial delays and additional costs.

Collateralized Loan Obligations The fund invests in collateralized loan obligations (CLOs) which are entities backed by a diversified pool of syndicated bank loans. The cash flows of the CLO can be split into multiple segments, called "tranches" or "classes", which will vary in risk profile and yield. The riskiest segments, which are the subordinate or "equity" tranches, bear the greatest risk of loss from defaults in the underlying assets of the CLO and serve to protect the other, more senior, tranches. Senior tranches will typically have higher credit ratings and lower yields than the securities underlying the CLO. Despite the protection from the more junior tranches, senior tranches can experience substantial losses.

Mortgage-Backed Securities The fund invests in mortgage-backed securities (MBS or pass-through certificates) that represent an interest in a pool of specific underlying mortgage loans and entitle the fund to the periodic payments of principal and interest from those mortgages. MBS may be issued by government agencies or corporations, or private issuers. Most MBS issued by government agencies are guaranteed; however, the degree of protection differs based on the issuer. The fund also invests in stripped MBS, created when a traditional MBS is split into an interest-only (IO) and a principal-only (PO) strip. MBS, including IOs and POs, are sensitive to changes in economic conditions that affect the rate of prepayments and defaults on the underlying mortgages; accordingly, the value, income, and related cash flows from MBS may be more volatile than other debt instruments. IOs also risk loss of invested principal from faster-than-anticipated prepayments.

TBA Purchase, Sale Commitments and Forward Settling Mortgage Obligations The fund enters into to-be-announced (TBA) purchase or sale commitments (collectively, TBA transactions), pursuant to which it agrees to purchase or sell, respectively, mortgage-backed securities for a fixed unit price, with payment and delivery at a scheduled future date beyond the customary settlement period for such securities. With TBA transactions, the particular securities to be received or delivered by the fund are not identified at the trade date; however, the securities must meet specified terms, including rate and mortgage term, and be within industry-accepted "good delivery" standards. The fund may enter into TBA transactions with the intention of taking possession of or relinquishing the underlying securities, may elect to extend the settlement by "rolling" the transaction, and/or may use TBA transactions to gain or reduce interim exposure to underlying securities. Until settlement, the fund maintains liquid assets sufficient to settle its commitment to purchase a TBA or, in the case of a sale commitment, the fund maintains an entitlement to the security to be sold.

To mitigate counterparty risk, the fund has entered into Master Securities Forward Transaction Agreements (MSFTA) with counterparties that provide for collateral and the right to offset amounts due to or from those counterparties under specified conditions. Subject to minimum transfer amounts, collateral requirements are determined and transfers made based on the net aggregate unrealized gain or loss on all TBA commitments and other forward settling mortgage obligations with a particular counterparty (collectively, MSFTA Transactions). At any time, the fund's risk of loss from a particular counterparty related to its MSFTA Transactions is the aggregate unrealized gain on appreciated MSFTA Transactions in excess of unrealized loss on depreciated MSFTA Transactions and collateral received, if any, from such counterparty. As of June 30, 2022, no collateral was pledged by the fund or counterparties for MSFTA Transactions.

LIBOR Transition The fund may invest in instruments that are tied to reference rates, including LIBOR. Over the course of the last several years, global regulators have indicated an intent to phase out the use of LIBOR and similar interbank offered rates (IBOR). While publication for most LIBOR currencies and lesser-used USD LIBOR settings ceased immediately after December 31, 2021, remaining USD LIBOR settings will continue to be published until June 30, 2023. There remains uncertainty regarding the future utilization of LIBOR and the nature of any replacement rate. Any potential effects of the transition away from LIBOR on the fund, or on certain instruments in which the fund invests, cannot yet be determined. The transition process may result in, among other things, an increase in volatility or illiquidity of markets for instruments that currently rely on LIBOR, a reduction in the value of certain instruments held by the fund, or a reduction in the effectiveness of related fund transactions such as hedges. Any such effects could have an adverse impact on the fund's performance.

Securities Lending The fund may lend its securities to approved borrowers to earn additional income. Its securities lending activities are administered by a lending agent in accordance with a securities lending agreement. Security loans generally do not have stated maturity dates, and the fund may recall a security at any time. The fund receives collateral in the form of cash or U.S. government securities. Collateral is maintained over the life of the loan in an amount not less than the value of loaned securities; any additional collateral required due to changes in security values is delivered to the fund the next business day. Cash collateral is invested in accordance with investment guidelines approved by fund management. Additionally, the lending agent indemnifies the fund against losses resulting from borrower default. Although risk is mitigated by the collateral and indemnification, the fund could experience a delay in recovering its securities and a possible loss of income or value if the borrower fails to return the securities, collateral invested in value, and the lending agent fails to perform. Securities lending revenue consists of earnings on invested

collateral and borrowing fees, net of any rebates to the borrower, compensation to the lending agent, and other administrative costs. In accordance with GAAP, investments made with cash collateral are reflected in the accompanying financial statements, but collateral received in the form of securities is not. At June 30, 2022, the value of loaned securities was \$744,000; the value of cash collateral and related investments was \$789,000.

Other Purchases and sales of portfolio securities other than short-term and U.S. government securities aggregated \$56,355,000 and \$58,415,000, respectively, for the six months ended June 30, 2022. Purchases and sales of U.S. government securities aggregated \$43,714,000 and \$44,664,000, respectively, for the six months ended June 30, 2022.

NOTE 5 - FEDERAL INCOME TAXES

No provision for federal income taxes is required since the fund intends to continue to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code and distribute to shareholders all of its taxable income and gains. Distributions determined in accordance with federal income tax regulations may differ in amount or character from net investment income and realized gains for financial reporting purposes. Financial reporting records are adjusted for permanent book/tax differences to reflect tax character but are not adjusted for temporary differences. The amount and character of tax-basis distributions and composition of net assets are finalized at fiscal year-end; accordingly, tax-basis balances have not been determined as of the date of this report.

At June 30, 2022, the cost of investments for federal income tax purposes was \$151,898,000. Net unrealized gain aggregated \$15,660,000 at period-end, of which \$30,507,000 related to appreciated investments and \$14,847,000 related to depreciated investments.

NOTE 6 - FOREIGN TAXES

The fund is subject to foreign income taxes imposed by certain countries in which it invests. Additionally, capital gains realized upon disposition of securities issued in or by certain foreign countries are subject to capital gains tax imposed by those countries. All taxes are computed in accordance with the applicable foreign tax law, and, to the extent permitted, capital losses are used to offset capital gains. Taxes attributable to income are accrued by the fund as a reduction of income. Current and deferred tax expense attributable to capital gains is reflected as a component of realized or change in unrealized gain/loss on securities in the accompanying financial statements. To the extent that the fund has country specific capital loss carryforwards, such carryforwards are applied against net unrealized gains when determining the deferred tax liability. Any deferred tax liability incurred by the fund is included in either Other liabilities or Deferred tax liability on the accompanying Statement of Assets and Liabilities.

NOTE 7 - RELATED PARTY TRANSACTIONS

The fund is managed by T. Rowe Price Associates, Inc. (Price Associates), a wholly owned subsidiary of T. Rowe Price Group, Inc. (Price Group). Price Associates has entered into a sub-advisory agreement(s) with one or more of its wholly owned subsidiaries, to provide investment advisory services to the fund. The investment management and administrative agreement between the fund and Price Associates provides for an all-inclusive annual fee equal to 0.90% of the fund's average daily net assets. The fee is computed daily and paid monthly. The all-inclusive fee covers investment management services and ordinary, recurring operating expenses but does not cover interest expense; expenses related to borrowing, taxes, and brokerage; or nonrecurring expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2023 to waive a portion of its management fee in order to limit the fund's management fee to 0.85% of the fund's average daily net assets. Thereafter, this agreement automatically renews for one-year terms unless terminated or modified by the fund's Board. Fees waived and expenses paid under this agreement are not subject to reimbursement to Price Associates by the fund. The total management fees waived were \$46,000 for the six months ended June 30, 2022.

The fund may invest its cash reserves in certain open-end management investment companies managed by Price Associates and considered affiliates of the fund: the T. Rowe Price Government Reserve Fund or the T. Rowe Price Treasury Reserve Fund, organized as money market funds, or the T. Rowe Price Short-Term Fund, a short-term bond fund (collectively, the Price Reserve Funds). The Price Reserve Funds are offered as short-term investment options to mutual funds, trusts, and other accounts managed by Price

Associates or its affiliates and are not available for direct purchase by members of the public. Cash collateral from securities lending, if any, is invested in the T. Rowe Price Government Reserve Fund; prior to December 13, 2021, the cash collateral from securities lending was invested in the T. Rowe Price Short-Term Fund. The Price Reserve Funds pay no investment management fees.

The fund may also invest in certain other T. Rowe Price funds (Price Funds) as a means of gaining efficient and cost-effective exposure to certain markets. The fund does not invest for the purpose of exercising management or control; however, investments by the fund may represent a significant portion of an underlying Price Fund's net assets. Each underlying Price Fund is an open-end management investment company managed by Price Associates and is considered an affiliate of the fund. To ensure that the fund does not incur duplicate management fees (paid by the underlying Price Fund(s) and the fund), Price Associates has agreed to permanently waive a portion of its management fee charged to the fund in an amount sufficient to fully offset that portion of management fees paid by each underlying Price Fund(s) for the six months ended June 30, 2022, are as follows:

(\$000s)	Effective Management Fee Rate	Management Fee Waived
T. Rowe Price Inflation Protected Bond Fund - I Class	0.17%	\$ —
T. Rowe Price Institutional Emerging Markets Bond Fund	0.70%	25
T. Rowe Price Institutional Emerging Markets Equity Fund	1.00%	45
T. Rowe Price Institutional Floating Rate Fund - Institutional Class	0.55%	4
T. Rowe Price Institutional High Yield Fund - Institutional Class	0.50%	28
T. Rowe Price International Bond Fund - I Class	0.48%	18
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class	0.25%	3
T. Rowe Price Real Assets Fund - I Class	0.63%	12
Total Management Fee Waived		\$ 135

The fund may participate in securities purchase and sale transactions with other funds or accounts advised by Price Associates (cross trades), in accordance with procedures adopted by the fund's Board and Securities and Exchange Commission rules, which require, among other things, that such purchase and sale cross trades be effected at the independent current market price of the security. During the six months ended June 30, 2022, the fund had no purchases or sales cross trades with other funds or accounts advised by Price Associates.

Price Associates has voluntarily agreed to reimburse the fund from its own resources on a monthly basis for the cost of investment research embedded in the cost of the fund's securities trades and for the cost of brokerage commissions embedded in the cost of the fund's foreign currency transactions. These agreements may be rescinded at any time. For the six months ended June 30, 2022, these reimbursements amounted to \$4,000, which is included in Net realized gain (loss) on Securities in the Statement of Operations.

NOTE 8 - OTHER MATTERS

Unpredictable events such as environmental or natural disasters, war, terrorism, pandemics, outbreaks of infectious diseases, and similar public health threats may significantly affect the economy and the markets and issuers in which a fund invests. Certain events may cause instability across global markets, including reduced liquidity and disruptions in trading markets, while some events may affect certain geographic regions, countries, sectors, and industries more significantly than others, and exacerbate other pre-existing political, social, and economic risks. Since 2020, a novel strain of coronavirus (COVID-19) has resulted in disruptions to global business activity and caused significant volatility and declines in global financial markets. In February 2022, Russian forces entered Ukraine and commenced an armed conflict leading to economic sanctions being imposed on Russia and certain of its citizens, creating impacts on Russian-related stocks and debt and greater volatility in global markets. These are recent examples of global events which may have an impact on the fund's performance, which could be negatively impacted if the value of a portfolio holding were harmed by these and such other events. Management is actively monitoring the risks and financial impacts arising from these events.

INFORMATION ON PROXY VOTING POLICIES, PROCEDURES, AND RECORDS

A description of the policies and procedures used by T. Rowe Price funds to determine how to vote proxies relating to portfolio securities is available in each fund's Statement of Additional Information. You may request this document by calling 1-800-225-5132 or by accessing the SEC's website, sec.gov.

The description of our proxy voting policies and procedures is also available on our corporate website. To access it, please visit the following Web page:

https://www.troweprice.com/corporate/us/en/utility/policies.html

Scroll down to the section near the bottom of the page that says, "Proxy Voting Guidelines." Click on the links in the shaded box.

Each fund's most recent annual proxy voting record is available on our website and through the SEC's website. To access it through T. Rowe Price, visit the website location shown above, and scroll down to the section near the bottom of the page that says, "Proxy Voting Records." Click on the Proxy Voting Records link in the shaded box.

HOW TO OBTAIN QUARTERLY PORTFOLIO HOLDINGS

The fund files a complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's reports on Form N-PORT are available electronically on the SEC's website (sec.gov). In addition, most T. Rowe Price funds disclose their first and third fiscal quarter-end holdings on **troweprice.com**.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS

Approval of New Subadvisory Agreement

At a meeting held on February 2, 2022 (February 2022 Meeting), the fund's Board of Directors (Board) considered the initial approval of a new investment subadvisory agreement (TRPHK Subadvisory Contract) that the fund's investment adviser, T. Rowe Price Associates, Inc. (Price Associates), entered into with T. Rowe Price Hong Kong Limited (Price Hong Kong) on behalf of the fund. The TRPHK Subadvisory Contract authorizes Price Hong Kong to have investment discretion with respect to all or a portion of the fund's portfolio. The Board noted that the TRPHK Subadvisory Contract will be substantially similar to other subadvisory agreements that are in place for other T. Rowe Price funds that delegate investment management responsibilities to affiliated investment advisers and that Price Associates will retain oversight responsibilities with respect to the fund. The Board also noted that the new subadvisory arrangement will not change the total advisory fees paid by the fund. However, under the TRPHK Subadvisory Contract, Price Associates may pay Price Hong Kong up to 60% of the advisory fees that Price Associates receives from the fund.

At the February 2022 Meeting, the Board reviewed materials relevant to its consideration of the proposed TRPHK Subadvisory Contract. Each year, the Board considers the continuation of the investment management agreement (Advisory Contract) between the fund and Price Associates. At the time of the February 2022 Meeting, the fund's Advisory Contract had most recently been approved by the Board at a meeting held on March 8–9, 2021 (March 2021 Meeting). The factors considered by the Board at the February 2022 Meeting in connection with approval of the proposed TRPHK Subadvisory Contract were substantially similar to the factors considered at the March 2021 Meeting in connection with the approval to continue the Advisory Contract. A discussion of the basis for the Board's approval of the Advisory Contract at the March 2021 Meeting had been included in the fund's annual shareholder report for the period ended June 30, 2021.

Following discussion at the February 2022 Meeting, the Board, including all of the fund's independent directors, approved the TRPHK Subadvisory Contract between Price Associates and Price Hong Kong on behalf of the fund. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the TRPHK Subadvisory Contract effective February 3, 2022, with the initial term extending through April 30, 2024. The independent directors were assisted in their evaluation of the TRPHK Subadvisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

Continuation of Investment Management Agreement and Subadvisory Agreement

At a meeting held on March 7–8, 2022 (March 2022 Meeting), the fund's Board considered the continuation of the Advisory Contract between the fund and Price Associates, as well as an investment subadvisory agreement (TRPIM Subadvisory Contract) that Price Associates has entered into with T. Rowe Price Investment Management, Inc. (TRPIM) on behalf of the fund, which became effective on March 7, 2022. At the March 2022 Meeting, the Board did not consider the continuation of the TRPHK Subadvisory Contract in place on behalf of the fund since that agreement was recently approved at the February 2022 Meeting and does not expire until April 30, 2024. At the March 2022 Meeting, the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract and TRPIM Subadvisory Contract. The Board considered the factors and reached the conclusions described below relating to the selection of Price Associates and TRPIM and the approval of the Advisory Contract and TRPIM Subadvisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract and TRPIM Subadvisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract and TRPIM Subadvisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract and TRPIM Subadvisory Contract. The independent directors were assisted in their evaluation of the Advisory Contract and TRPIM Subadvisory Contract by independent legal counsel from whom they received separate legal advice and with whom they met separately.

In providing information to the Board, Price Associates was guided by a detailed set of requests for information submitted by independent legal counsel on behalf of the independent directors. In considering and approving the Advisory Contract and TRPIM Subadvisory Contract, the Board considered the information it believed was relevant, including, but not limited to, the information discussed below. The Board considered not only the specific information presented in connection with the March 2022 Meeting but also the knowledge gained over time through interaction with Price Associates and TRPIM about various topics. The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the T. Rowe Price funds' advisory contracts, including performance and the services and support provided to the funds and their shareholders.

Services Provided by Price Associates and TRPIM

The Board considered the nature, quality, and extent of the services provided to the fund by Price Associates and the services that will be provided by TRPIM effective March 7, 2022. These services included, but were not limited to, directing the fund's investments in accordance with its investment program and the overall management of the fund's portfolio, as well as a variety of related activities such as financial, investment operations, and administrative services; compliance; maintaining the fund's records and registrations; and shareholder communications. The Board also reviewed the background and experience of Price Associates' and TRPIM's senior management teams and investment personnel involved in the management of the fund, as well as Price Associates' compliance record. The Board noted that the

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

TRPIM Subadvisory Contract authorizes TRPIM, subject to oversight by Price Associates, to have investment discretion with respect to all or a portion of the fund's portfolio. However, there will be information barriers between investment personnel of Price Associates and TRPIM that restrict the sharing of certain information, such as investment research, trading, and proxy voting. The Board concluded that it was satisfied with the nature, quality, and extent of the services provided by Price Associates and to be provided by TRPIM.

Investment Performance of the Fund

The Board took into account discussions with Price Associates and reports that it receives throughout the year relating to fund performance. In connection with the March 2022 Meeting, the Board reviewed the fund's total returns for various periods through December 31, 2021, and compared these returns with the performance of a peer group of funds with similar investment programs and a wide variety of other previously agreed-upon comparable performance measures and market data, including relative performance information as of September 30, 2021, supplied by Broadridge, which is an independent provider of mutual fund data.

On the basis of this evaluation and the Board's ongoing review of investment results, and factoring in the relative market conditions during certain of the performance periods, the Board concluded that the fund's performance was satisfactory.

Costs, Benefits, Profits, and Economies of Scale

The Board reviewed detailed information regarding the revenues received by Price Associates under the Advisory Contract and other direct and indirect benefits that Price Associates (and its affiliates) may have realized from its relationship with the fund. In considering soft-dollar arrangements pursuant to which research may be received from broker-dealers that execute the fund's portfolio transactions, the Board noted that Price Associates bears the cost of research services for all client accounts that it advises, including the T. Rowe Price funds. The Board received information on the estimated costs incurred and profits realized by Price Associates from managing the T. Rowe Price funds. The Board also reviewed estimates of the profits realized from managing the fund in particular, and the Board concluded that Price Associates' profits were reasonable in light of the services provided to the fund.

The Board also considered whether the fund benefits under the fee levels set forth in the Advisory Contract or otherwise from any economies of scale realized by the Adviser. Under the Advisory Contract, the fund pays the Adviser a single fee, or all-inclusive management fee, which is based on the fund's average daily net assets. The all-inclusive management fee includes investment management services and provides for the Adviser to pay all of the fund's ordinary, recurring operating expenses except for interest, taxes, portfolio transaction fees, and any nonrecurring extraordinary expenses that may arise. However, the fund has a contractual limitation in place whereby the Adviser has agreed to waive a portion of the management fee it is entitled to receive from the fund in order to limit the fund's overall management fee rate to 0.85% of the fund's average daily net assets. Any fees waived under this management fee waiver agreement are not subject to reimbursement to the Adviser by the fund. Under the TRPIM Subadvisory Contract, Price Associates may pay TRPIM up to 60% of the advisory fees that Price Associates receives from the fund. The Adviser has generally implemented an all-inclusive management fee structure in situations where a fixed total expense ratio is useful for purposes of providing certainty of fees and expenses for the investors in these funds and has historically sought to set the initial all-inclusive management fee rate at levels below the expense ratios of comparable funds to take into account potential future economies of scale. Because the fund serves as an underlying option to variable annuity products, the allinclusive fee structure is utilized to create certainty for the annuity providers' overall pricing decisions and disclosures. Assets of the fund are included in the calculation of the group fee rate, which serves as a component of the management fee for many T. Rowe Price funds and declines at certain asset levels based on the combined average net assets of most of the T. Rowe Price funds (including the fund). Although the fund does not have a group fee component to its management fee, its assets are included in the calculation because certain resources utilized to operate the fund are shared with other T. Rowe Price funds. The Board concluded that, based on the profitability data it reviewed and consistent with this all-inclusive management fee structure, the advisory fee structure for the fund continued to be appropriate.

Fees and Expenses

The Board was provided with information regarding industry trends in management fees and expenses. Among other things, the Board reviewed data for peer groups that were compiled by Broadridge, which compared: (i) contractual management fees, actual management fees, nonmanagement expenses, and total expenses of the fund with a group of competitor funds selected by Broadridge (Expense Group) and (ii) actual management fees, nonmanagement expenses, and total expenses of the fund with a broader set of funds within the Lipper investment classification (Expense Universe). The Board considered the fund's contractual management fee rate, actual management fee rate, and total expenses (all of which generally reflect the all-inclusive management fee rate and do not deduct the operating expenses paid by the Adviser as part of the overall management fee) in comparison with the information for the Broadridge peer groups. Broadridge generally constructed the peer groups by seeking the most comparable funds based on similar investment classifications and objectives,

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

expense structure, asset size, and operating components and attributes and ranked funds into quintiles, with the first quintile representing the funds with the lowest relative expenses and the fifth quintile representing the funds with the highest relative expenses. The information provided to the Board indicated that the fund's contractual management fee ranked in the fifth quintile (Expense Group), the fund's actual management fee rate ranked in the fifth quintile (Expense Group and Expense Universe), and the fund's total expenses ranked in the fourth quintile (Expense Group and Expense Universe).

Management provided the Board with additional information with respect to the fund's relative management fees and total expenses ranking in the fourth and fifth quintiles and reviewed and considered the information provided relating to the fund, other funds in the peer groups, and other factors that the Board determined to be relevant.

The Board also reviewed the fee schedules for other investment portfolios with similar mandates that are advised or subadvised by Price Associates and its affiliates, including separately managed accounts for institutional and individual investors; subadvised funds; and other sponsored investment portfolios, including collective investment trusts and pooled vehicles organized and offered to investors outside the United States. Management provided the Board with information about Price Associates' responsibilities and services provided to subadvisory and other institutional account clients, including information about how the requirements and economics of the institutional business are fundamentally different from those of the proprietary mutual fund business. The Board considered information about business and considered various relevant factors, such as the broader scope of operations and oversight, more extensive shareholder communication infrastructure, greater asset flows, heightened business risks, and differences in applicable laws and regulations associated with Price Associates the differences in the nature of the services required for Price Associates to manage its mutual fund business versus managing a discrete pool of assets as a subadviser to another institution's mutual fund or for an institutional account and that Price Associates generally performs significant additional services and assumes greater risk in managing the fund and other T. Rowe Price funds than it does for institutional account clients, including subadvised funds.

On the basis of the information provided and the factors considered, the Board concluded that the fees paid by the fund under the Advisory Contract are reasonable.

Approval of the Advisory Contract and TRPIM Subadvisory Contract

As noted, the Board approved the continuation of the Advisory Contract and TRPIM Subadvisory Contract. No single factor was considered in isolation or to be determinative to the decision. Rather, the Board concluded, in light of a weighting and balancing of all factors considered, that it was in the best interests of the fund and its shareholders for the Board to approve the continuation of the Advisory Contract and TRPIM Subadvisory Contract (including the fees to be charged for services thereunder).

This page intentionally left blank.

This page intentionally left blank.

T.RowePrice®

100 East Pratt Street Baltimore, MD 21202

Call 1-800-225-5132 to request a prospectus or summary prospectus; each includes investment objectives, risks, fees, expenses, and other information that you should read and consider carefully before investing.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Balanced Portfolio

Contents

About Your Portfolio's Expenses	1
Financial Statements	3
Trustees Approve Advisory Arrangement	27
Liquidity Risk Management	28

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Six Months	Ended June	30, 2022
------------	------------	----------

Balanced Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$ 839.20	\$0.96
Based on Hypothetical 5% Yearly Return	1,000.00	1,023.75	1.05

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.21%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Balanced Portfolio

Portfolio Allocation

As of June 30, 2022

Common Stocks	65.6
Corporate Bonds	22.5
Sovereign Bonds	0.4
Taxable Municipal Bonds	1.8
U.S. Government and Agency Obligations	8.8

The table reflects the portfolio's investments, except for short-term investments and derivatives. The agency and mortgage-backed securities may include issues from government-sponsored enterprises; such issues are generally not backed by the full faith and credit of the U.S. government.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

	Shares	Market Value• (\$000)		Shares	Marke Value (\$00
Common Stocks (65.0%)	0110163	(0000)	Industrials (6.0%)	0110103	(000
			Raytheon Technologies		
Communication Services (5			Corp.	342,709	32.93
* Alphabet Inc. Class A	42,746	93,155	Johnson Controls	,	/
* Meta Platforms Inc.	074 470	10 700	International plc	527,822	25,27
Class A	271,173	43,726	Illinois Tool Works Inc.	123,490	22,50
Electronic Arts Inc.	161,439	19,639	Northrop Grumman Corp.	44,435	21,26
		156,520	Deere & Co.	70,358	21,07
Consumer Discretionary (7.1	%)		Fortive Corp.	344,583	18,73
McDonald's Corp.	241,392	59,595	Trane Technologies plc	135,545	17,60
 Amazon.com Inc. 	389,240	41,341	Parker-Hannifin Corp.	63,078	15,52
TJX Cos. Inc.	501,391	28,003	Schneider Electric SE	71,865	8,56
Home Depot Inc.	101,240	27,767		,	
Starbucks Corp.	361,923	27,647		20()	183,47
Dollar General Corp.	48,442	11,890	Information Technology (13.3		1 4 0 0 0
Lennar Corp. Class A	100,400	7,085	Microsoft Corp.	579,835	148,91
DR Horton Inc.	76,021	5,032	Apple Inc.	532,649	72,82
NIKE Inc. Class B	40,909	4,181	Texas Instruments Inc.	262,463	40,32
* Coupang Inc.	294,543	3,755	Visa Inc. Class A	121,224	23,86
5			Mastercard Inc. Class A	75,504	23,82
		216,296	Taiwan Semiconductor		
Consumer Staples (5.4%)	250.015	F1 700	Manufacturing Co. Ltd. ADR	221 024	10 1/
Procter & Gamble Co.	359,615	51,709		221,934	18,14
Sysco Corp.	529,031	44,814	Global Payments Inc.	159,734	17,67
Coca-Cola Co.	648,517	40,798	Accenture plc Class A	63,074	17,51
Nestle SA (Registered)	227,123	26,545	* Salesforce Inc.	89,548	14,77
		163,866	Fidelity National		
Energy (3.0%)			Services Inc.	121,422	11,13
TotalEnergies SE	1,043,207	54,911	Marvell Technology Inc.	166,478	7.24
Shell plc	1,350,454	35,041	KLA Corp.	20,698	6,60
Shell plc (XLON)	77,515	2,019	Lam Research Corp.	3,461	1,47
	-	91,971	* Workday Inc. Class A	6,959	97
Financials (7.9%)		51,571	Workday me. class A	0,000	
Charles Schwab Corp.	1,086,093	68,619			405,29
Progressive Corp.	374,813	43,580	Materials (0.8%)		
JPMorgan Chase & Co.	331,090	37,284	Glencore plc	3,083,124	16,70
S&P Global Inc.	55,304	18,641	Anglo American plc	220,993	7,90
BlackRock Inc.	29,800	18,149			24,60
American Express Co.	122,877	17,033	Real Estate (1.8%)		
Morgan Stanley	205,605	15,638	American Tower Corp.	71,546	18,28
Blackstone Inc.	124,882	11,393	Welltower Inc.	204,385	16,83
Goldman Sachs Group Inc.		10,154	Prologis Inc.	101,298	11,91
doluman sachs droup me.	. 54,105		VICI Properties Inc.	259,482	7,73
		240,491	·		54,76
Health Care (11.6%)			Litilition (2.0%)		54,70
Pfizer Inc.	1,072,043	56,207	Utilities (2.9%)	010 017	0710
UnitedHealth Group Inc.	103,964	53,399	Exelon Corp.	819,947	37,16
Humana Inc.	84,639	39,617	Duke Energy Corp.	346,261	37,12
Elevance Health Inc.	74,558	35,980	Constellation Energy Corp.	199,379	11,41
Novartis AG (Registered)	404,714	34,312	American Electric Power	01 055	0.07
HCA Healthcare Inc.	193,371	32,498	Co. Inc.	21,355	2,04
AstraZeneca plc ADR	469,349	31,010			87,74
Becton Dickinson and Co.	116,000	28,598	Total Common Stocks		
Danaher Corp.	69,207	17,545	(Cost \$1,616,880)		1,977,70
Baxter International Inc.	224,646	14,429			.,,,,
Johnson & Johnson	51,146	9,079			

352,674

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000
J.S.	Government and Agency Obligation	ations (8.7%	b)		
J.S.	Government Securities (7.4%)				
	United States Treasury Note/Bond	0.250%	9/30/23	1,100	1,064
	United States Treasury Note/Bond	0.125%	1/15/24	1,245	1,192
	United States Treasury Note/Bond	1.500%	2/29/24	5,730	5,595
	United States Treasury Note/Bond	2.250%	3/31/24	5,275	5,208
	United States Treasury Note/Bond	2.500%	4/30/24	1,500	1,487
	United States Treasury Note/Bond	0.250%	5/15/24	800	760
	United States Treasury Note/Bond	1.750%	6/30/24	9,215	8,993
	United States Treasury Note/Bond	0.375%	8/15/24	16,500	15,605
	United States Treasury Note/Bond	0.375%	9/15/24	1,200	1,132
2	United States Treasury Note/Bond	0.625%	10/15/24	26,675	25,270
	United States Treasury Note/Bond	1.500%	10/31/24	3,350	3,236
	United States Treasury Note/Bond	0.750%	11/15/24	750	711
	United States Treasury Note/Bond	1.000%	12/15/24	5,350	5,094
	United States Treasury Note/Bond	1.125%	1/15/25	8,600	8,200
	United States Treasury Note/Bond	1.125%	2/28/25	6,395	6,08
	United States Treasury Note/Bond	1.750%	3/15/25	9,980	9,646
	United States Treasury Note/Bond	2.625%	4/15/25	10,390	10,278
	United States Treasury Note/Bond	0.250%	5/31/25	4,850	4,475
	United States Treasury Note/Bond	0.250%	7/31/25	5,655	5,190
	United States Treasury Note/Bond	0.250%	8/31/25	4,800	4,394
	United States Treasury Note/Bond	0.250%	10/31/25	22,365	20,377
	United States Treasury Note/Bond	0.375%	12/31/25	890	811
	United States Treasury Note/Bond	0.375%	1/31/26	7,630	6,936
	United States Treasury Note/Bond	0.500%	2/28/26	2,100	1,914
	United States Treasury Note/Bond	0.750%	3/31/26	1,350	1,240
	United States Treasury Note/Bond	0.750%	5/31/26	2,625	2,401
	United States Treasury Note/Bond	1.500%	1/31/27	600	560
	United States Treasury Note/Bond	1.875%	2/28/27	1,310	1,244
	United States Treasury Note/Bond	2.500%	3/31/27	16,965	16,552
	United States Treasury Note/Bond	2.875%	5/15/32	1,930	1,908
	United States Treasury Note/Bond	2.000%	11/15/41	30,380	24,119
	United States Treasury Note/Bond	2.375%	2/15/42	5,440	4,612
	United States Treasury Note/Bond	3.250%	5/15/42	6,270	6,119
	United States Treasury Note/Bond	2.250%	2/15/52	7,285	5,994

				Face	Market
			Maturity	Amount	Value*
		Coupon	Date	(\$000)	(\$000)
	United States Treasury				
	Note/Bond	2.875%	5/15/52	7,155	6,755
					225,157
	ventional Mortgage-Backed Secu	rities (1.1%	6)		
3,4	Fannie Mae Pool	1.770%	1/1/36	548	452
3,4	Freddie Mac Gold Pool	4.000%	9/1/41	2	2
3	Ginnie Mae I Pool	7.000%	11/15/31 -	34	37
3	Ginnie Mae I Pool	8.000%	11/15/33 9/15/30	30	31
3,4	UMBS Pool	2.500%	9/15/30 4/1/37 -	761	700
		2.00070	4/1/38	701	700
3,4,5	UMBS Pool	3.000%	7/14/52	22,900	21,318
	UMBS Pool	3.500%	7/14/52	4,100	3,941
3,4,5	UMBS Pool	4.000%	7/14/52	8,700	8,578
				_	35,059
Nor	nconventional Mortgage-Backed S	Securities (0.2%)		
3,4	Fannie Mae REMICS	1.500%	8/25/41	105	101
3,4	Fannie Mae REMICS	1.700%	6/25/43	56	54
3,4	Fannie Mae REMICS	2.000%	6/25/44	25	25
3,4	Fannie Mae REMICS	2.500%	8/25/46	433	362
3,4	Fannie Mae REMICS	3.000%	12/25/39 -	1,282	1,212
3,4	Fannie Mae REMICS	3.500%	9/25/57 4/25/31 -	2,236	2.207
		3.500 %	11/25/57	2,230	2,207
3,4	Fannie Mae REMICS	4.000%	7/25/53	82	82
3,4	Freddie Mac REMICS	3.000%	6/15/44 -	286	269
			7/15/45		
3,4	Freddie Mac REMICS	3.500%	3/15/31 -	259	253
3,4	Fraddia Maa DEMICS	4 0000/	10/15/45	100	100
.,	Freddie Mac REMICS	4.000%	12/15/30 - 2/15/31	132	132
3	Ginnie Mae	1.700%	10/20/45	45	45
				-	4,742
Tota	LLLS Government and Agency (hligations	(Cost \$283	038)	26/ 958
	al U.S. Government and Agency C	-			264,958
Ass	et-Backed/Commercial Mortgage-	Backed Se	ecurities (0.	9%)	
Ass 3,6	et-Backed/Commercial Mortgage- Aaset Trust Class A Series 2019-1	-			264,958 192
Ass	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust	Backed Se 3.844%	ecurities (0. 5/15/39	9%) 280	192
Ass 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B	Backed Se	ecurities (0.	9%)	
Ass 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust	Backed Se 3.844%	ecurities (0. 5/15/39	9%) 280	192
Ass 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust	Backed Se 3.844% 1.030%	ecurities (0. 5/15/39 8/17/26	9%) 280 510	192 489
Ass 3,6 3,6 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2	Backed Se 3.844% 1.030%	ecurities (0. 5/15/39 8/17/26	9%) 280 510	192 489
Ass 3,6 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC	Backed Se 3.844% 1.030% 1.070% 1.170%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26	9%) 280 510 288 402	192 489 281 393
Ass 3,6 3,6 3,6 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A	Backed Se 3.844% 1.030% 1.070%	ecurities (0. 5/15/39 8/17/26 8/15/25	9%) 280 510 288	192 489 281
Ass 3,6 3,6 3,6 3,6	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46	9%) 280 510 288 402 1,260	192 489 281 393 1,114
Ass 3,6 3,6 3,6 3,6 3,6 3,6	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13	Backed Se 3.844% 1.030% 1.070% 1.170%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26	9%) 280 510 288 402	192 489 281 393
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46	9%) 280 510 288 402 1,260	192 489 281 393 1,114
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49	9%) 280 510 288 402 1,260 1,100 87	192 489 281 393 1,114 1,092 85
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48	9%) 280 510 288 402 1,260 1,100	192 489 281 393 1,114 1,092
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7	et-Backed/Commercial Mortgage Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59	9%) 280 510 288 402 1,260 1,100 87 196	192 489 281 393 1,114 1,092 85 196
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2021-6	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49	9%) 280 510 288 402 1,260 1,100 87	192 489 281 393 1,114 1,092 85
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2021-6 Angel Oak Mortgage Trust Class A1 Series 2021-6 Angel Oak Mortgage Trust Class A1 Series 2019-2	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59	9%) 280 510 288 402 1,260 1,100 87 196	192 489 281 393 1,114 1,092 85 196
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49	9%) 280 510 288 402 1,260 1,100 87 196 761 15	192 489 281 393 1,114 1,092 85 196 648 15
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66	9%) 280 510 288 402 1,260 1,100 87 196 761	192 489 281 393 1,114 1,092 85 196 648
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49	9%) 280 510 288 402 1,260 1,100 87 196 761 15	192 489 281 393 1,114 1,092 85 196 648 15
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49	9%) 280 510 288 402 1,260 1,100 87 196 761 15	192 489 281 393 1,114 1,092 85 196 648 15
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-4 BX Commercial Mortgage Trust	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55	192 489 281 393 1,114 1,092 85 196 648 15 55
Ass 3,6 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-4 BX Commercial Mortgage Trust Class A Series 2021-4 BX Trust Class A Series 2021-ARIA, 1M USD LIBOR +	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870	192 489 281 393 1,114 1,092 85 196 648 15 55 832
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-ARIA, 1M USD LIBOR + 0.899%	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55	192 489 281 393 1,114 1,092 85 196 648 15 55
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-ARIA, 1M USD LIBOR + 0.899% BXHPP Trust Class A Series	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870	192 489 281 393 1,114 1,092 85 196 648 15 55 832
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-ARIA, 1M USD LIBOR + 0.899%	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870	192 489 281 393 1,114 1,092 85 196 648 15 55 832
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z2 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-ARIA, 1M USD LIBOR + 0.899% BXHPP Trust Class A Series 2021-FILM, 1M USD LIBOR +	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024% 2.223%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36 10/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870 425	192 489 281 393 1,114 1,092 85 196 648 15 55 832 832 400
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-FRIA, 1M USD LIBOR + 0.899% BXHPP Trust Class B Series 2021-FILM, 1M USD LIBOR +	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024% 2.223% 1.974%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36 10/15/36 8/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870 425 440	192 489 281 393 1,114 1,092 85 196 648 15 55 832 400 424
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-ARIA, 1M USD LIBOR + 0.899% BXHPP Trust Class A Series 2021-FILM, 1M USD LIBOR + 0.650%	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024% 2.223%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36 10/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870 425	192 489 281 393 1,114 1,092 85 196 648 15 55 832 832 400
Ass 3,6 3,6 3,6 3,6 3,6 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7 3,6,7	et-Backed/Commercial Mortgage: Aaset Trust Class A Series 2019-1 Affirm Asset Securitization Trust Class A Series 2021-B Affirm Asset Securitization Trust Class A Series 2021-Z1 Affirm Asset Securitization Trust Class A Series 2021-Z1 Aligned Data Centers Issuer LLC Class A2 Series 2021-1A American Tower Trust #1 Class 2A Series 13 Angel Oak Mortgage Trust Class A1 Series 2019-5 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-6 Angel Oak Mortgage Trust Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-2 Angel Oak Mortgage Trust I LLC Class A1 Series 2019-4 BX Commercial Mortgage Trust Class A Series 2021-VOLT, 1M USD LIBOR + 0.700% BX Trust Class A Series 2021-FRIA, 1M USD LIBOR + 0.899% BXHPP Trust Class B Series 2021-FILM, 1M USD LIBOR +	Backed Se 3.844% 1.030% 1.070% 1.170% 1.937% 3.070% 2.593% 2.620% 1.458% 3.628% 2.993% 2.024% 2.223% 1.974%	ecurities (0. 5/15/39 8/17/26 8/15/25 11/16/26 8/15/46 3/15/48 10/25/49 11/25/59 9/25/66 3/25/49 7/26/49 9/15/36 10/15/36 8/15/36	9%) 280 510 288 402 1,260 1,100 87 196 761 15 55 870 425 440	192 489 281 393 1,114 1,092 85 196 648 15 55 832 400 424

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
3,6	CF Hippolyta LLC Class A1 Series 2021-A1	1.530%	3/15/61	721	637
3,6	Chesapeake Funding II LLC Class A1 Series 2018-3A	3.390%	1/15/31	82	82
3,6,7	Cloud Pass-Through Trust Class CLOU Series 2019-1A	3.554%	12/5/22	3	3
3,6 3,6	DB Master Finance LLC Class A2II Series 2019-1A	4.021%	5/20/49	394	382
3,6	Domino's Pizza Master Issuer LLC Class A2I Series 2021-1A Domino's Pizza Master	2.662%	4/25/51	990	858
3,6	Issuer LLC Class A2II Series 2021-1A	3.151%	4/25/51	886	776
	Enterprise Fleet Financing LLC Class A2 Series 2019-2	2.290%	2/20/25	136	136
3,6	Enterprise Fleet Financing LLC Class A2 Series 2019-3	2.060%	5/20/25	122	122
3,4,7	Fannie Mae Connecticut Avenue Securities Class 2M2 Series 2016-C03, 1M USD LIBOR + 5.900% FHLMC Multifamily Structured	7.524%	10/25/28	108	112
	Pass Through Certificates Class A3 Series K-1512	3.059%	4/25/34	300	277
3,6	FirstKey Homes Trust Class A Series 2021-SFR1	1.538%	8/17/38	1,878	1,685
3,4	Freddie Mac Multifamily Structured Pass Through Certificates	2.797%	8/25/34	300	269
0,1	Freddie Mac Multifamily Structured Pass Through Certificates	2.184%	8/25/36	495	404
3,6	Home Partners of America Trust Class A Series 2021-2	1.901%	12/17/26	1,040	924
3,6	Horizon Aircraft Finance II Ltd. Class A Series 2019-1	3.721%	7/15/39	283	251
3,6	Horizon Aircraft Finance III Ltd. Class A Series 2019-2	3.425%	11/15/39	294	251
3,6,7	Life Mortgage Trust Class A Series 2021-BMR, 1M USD LIBOR + 0.700%	2.024%	3/15/38	290	278
3,6	MACH 1 Cayman Ltd. Class A Series 2019-1	3.474%	10/15/39	230	246
	Madison Park Funding XIII Ltd. Class AR2 Series 2014-13A, 3M USD LIBOR + 0.950%	1.994%	4/19/30	907	896
3,0,7	Magnetite VII Ltd. Class A1R2 Series 2012-7A, 3M USD LIBOR + 0.800%	1.844%	1/15/28	1,512	1,490
3,6	MAPS Ltd. Class A Series 2019-1A	4.458%	3/15/44	143	130
3,6	Mercury Financial Credit Card Master Trust Class A Series 2021-1A	1.540%	3/20/26	1,005	957
3,6	New Economy Assets Phase 1 Sponsor LLC Class A1 Series 2021-1				2,507
3,6	New Economy Assets Phase 1 Sponsor LLC Class B1 Series	1.910%	10/20/61	2,875	2,507
3,6	2021-1 OneMain Direct Auto Receivables Trust Class A	2.410%	10/20/61	300	260
3,4	Series 2021-1A Seasoned Credit Risk Transfer	0.870%	7/14/28	875	815
	Trust Class MA Series 2019-3 SFAVE Commercial Mortgage	3.500%	10/25/58	804	795
3,6	Securities Trust Class A2B Series 2015-5AVE	4.144%	1/5/43	700	589
3,6	SoFi Professional Loan Program Trust Class AFX Series 2021-B	1.140%	2/15/47	505	452
5,5	START Ireland Class A Series 2019-1	4.089%	3/15/44	300	277

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
3,6,7	Symphony CLO XIV Ltd. Class AR Series 2014-14A, 3M USD LIBOR + 0.950%	1.988%	7/14/26	161	160
3,6	Taco Bell Funding LLC Class A2I Series 2021-1A	1.946%	8/25/51	1,139	988
3,6	Taco Bell Funding LLC Class A2II Series 2021-1A	2.294%	8/25/51	1,045	888
3,6	Vantage Data Centers Issuer LLC Class A2 Series 2019-1A	3.188%	7/15/44	316	307
3,6	Vantage Data Centers Issuer LLC Class A2 Series 2021-1A	2.165%	10/15/46	1,405	1,257
3,6	Vantage Data Centers LLC Class A2 Series 2020-1A	1.645%	9/15/45	855	778
	al Asset-Backed/Commercial Mort st \$30,858)	gage-Back	ed Securiti	es	28,032
Cor	porate Bonds (22.3%)				
Cor	nmunications (1.5%)				
	America Movil SAB de CV	3.625%	4/22/29	780	742
	America Movil SAB de CV	6.125%	3/30/40	390	431
	AT&T Inc.	2.750%	6/1/31	1,305	1,128
	AT&T Inc.	4.300%	12/15/42	205	178
	AT&T Inc.	3.650%	6/1/51	248	194
	AT&T Inc. AT&T Inc.	3.500% 3.850%	9/15/53	895 747	679 578
	Charter Communications Operating LLC / Charter	3.050 /0	6/1/60	747	576
	Communications Operating				
	Capital	2.800%	4/1/31	215	172
	Charter Communications				
	Operating LLC / Charter Communications Operating				
	Capital	2.300%	2/1/32	215	163
	Charter Communications Operating LLC / Charter Communications Operating				
	Capital	3.500%	3/1/42	145	101
	Comcast Corp.	3.375%	2/15/25	70	69
	Comcast Corp.	3.400%	4/1/30	145	136
	Comcast Corp.	4.250%	1/15/33	1,032	1,014
	Comcast Corp.	4.200%	8/15/34	730	703
	Comcast Corp.	5.650%	6/15/35	110	120
	Comcast Corp.	4.400%	8/15/35	877	851
	Comcast Corp.	6.500%	11/15/35	24	28 218
	Comcast Corp.	3.969%	2/1/47	252 345	218 301
	Comcast Corp. Comcast Corp.	4.000% 3.999%	3/1/48 11/1/49	602	526
	Comcast Corp.	2.887%	11/1/43	1,520	1,087
	Comcast Corp.	2.450%	8/15/52	1,025	680
	Comcast Corp.	4.049%	11/1/52	617	541
	Comcast Corp.	2.937%	11/1/56	5,619	3,899
	Comcast Corp.	2.650%	8/15/62	615	396
	Comcast Corp.	2.987%	11/1/63	2,321	1,586
6	Cox Communications Inc.	3.150%	8/15/24	63	61
6	Cox Communications Inc.	2.600%	6/15/31	385	323
6	Cox Communications Inc.	4.800%	2/1/35	1,540	1,465
6	Deutsche Telekom International Finance BV	3.600%	1/19/27	300	293
6	Deutsche Telekom International Finance BV	4.375%	6/21/28	671	669
	Discovery Communications LLC	3.950%	3/20/28	430	402
	Discovery Communications LLC	4.125%	5/15/29	125	115
	Discovery Communications LLC	3.625%	5/15/30	505	449
	Discovery Communications LLC	5.200%	9/20/47	959	822
	Discovery Communications LLC	4.000%	9/15/55	497	347
	NBCUniversal Media LLC	4.450%	1/15/43	189	175
6	NBN Co. Ltd.	1.625%	1/8/27	760	676
6	NBN Co. Ltd.	2.625%	5/5/31	655	558
6	NBN Co. Ltd.	2.500%	1/8/32	2,179	1,821
6	NTT Finance Corp.	1.162%	4/3/26	1,040	936
6	NTT Finance Corp.	2.065%	4/3/31	285	239

			Marturitu	Face	Market
		Coupon	Maturity Date	Amount (\$000)	Value* (\$000)
6	Ooredoo International Finance	0.0050/	4/0/04	705	004
	Ltd. Orange SA	2.625% 9.000%	4/8/31 3/1/31	725 530	631 684
6	SK Telecom Co. Ltd.	3.750%	4/16/23	385	386
6	Sky Ltd.	3.750%	9/16/24	1,435	1,427
3,6	Sprint Spectrum Co. LLC / Sprint Spectrum Co. II LLC / Sprint	0.70070	0,10,21	1,100	.,,
	Spectrum Co. III LLC	4.738%	9/20/29	894	896
	Telefonica Emisiones SA	5.213%	3/8/47	490	437
	Telefonica Emisiones SA Time Warner Entertainment Co.	5.520%	3/1/49	710	660
	LP	8.375%	3/15/23	95	98
	T-Mobile USA Inc.	2.050%	2/15/28	900	782
	T-Mobile USA Inc.	3.875%	4/15/30	1,280	1,195
	T-Mobile USA Inc.	2.550%	2/15/31	575	484
	T-Mobile USA Inc.	2.250%	11/15/31	150	122
	T-Mobile USA Inc. T-Mobile USA Inc.	4.375% 4.500%	4/15/40	485 710	434 631
	T-Mobile USA Inc.	4.500% 3.300%	4/15/50 2/15/51	580	423
	T-Mobile USA Inc.	3.600%	11/15/60	290	212
	TWDC Enterprises 18 Corp.	4.375%	8/16/41	133	125
	TWDC Enterprises 18 Corp.	4.125%	6/1/44	95	86
	Verizon Communications Inc.	4.329%	9/21/28	675	672
	Verizon Communications Inc.	2.355%	3/15/32	485	402
	Verizon Communications Inc.	4.812%	3/15/39	2,406	2,368
	Verizon Communications Inc.	4.750%	11/1/41	190	182
	Verizon Communications Inc.	2.987%	10/30/56	256	178
	Walt Disney Co.	3.000%	9/15/22	245	245
	Walt Disney Co.	2.000%	9/1/29	2,600	2,233
	Walt Disney Co.	2.650%	1/13/31	385	339
	Walt Disney Co.	3.500%	5/13/40	1,490	1,272
	Walt Disney Co.	4.750%	9/15/44	26	25
	Walt Disney Co.	2.750%	9/1/49	560	401
	Walt Disney Co.	3.600%	1/13/51	805	672
	Walt Disney Co.	3.800%	5/13/60	485 _	405 44,979
Со	nsumer Discretionary (1.0%)				
	Amazon.com Inc.	2.800%	8/22/24	220	218
	Amazon.com Inc.	3.600%	4/13/32	2,300	2,217
	Amazon.com Inc.	4.800%	12/5/34	995	1,044
	Amazon.com Inc.	4.950%	12/5/44	580	610
	Amazon.com Inc. Amazon.com Inc.	3.950% 4.250%	4/13/52	780 1,335	718
	American Honda Finance Corp.	2.000%	8/22/57 3/24/28	825	1,253 732
6	BMW US Capital LLC	2.250%	9/15/23	2,500	2,471
6	BMW US Capital LLC	0.800%	4/1/24	390	372
6	BMW US Capital LLC	1.250%	8/12/26	840	752
3	Duke University	2.832%	10/1/55	775	590
	Emory University	2.143%	9/1/30	765	669
6	ERAC USA Finance LLC	3.300%	10/15/22	40	40
6	ERAC USA Finance LLC	7.000%	10/15/37	1,150	1,330
6	ERAC USA Finance LLC	5.625%	3/15/42	340	342
	General Motors Financial Co. Inc.	3.950%	4/13/24	1,570	1,558
	Georgetown University	4.315%	4/1/49	150	137
	Georgetown University	2.943%	4/1/50	295	208
	Home Depot Inc.	3.900%	12/6/28	290	290
	Home Depot Inc.	2.700%	4/15/30	215	195
	Home Depot Inc. Home Depot Inc.	3.250%	4/15/32	370 825	345 700
	Home Depot Inc.	3.300% 4.400%	4/15/40 3/15/45	825 780	700 746
	Home Depot Inc.	4.400%	4/1/46	500	471
	Home Depot Inc.	4.200 %	12/6/48	345	337
	Home Depot Inc.	4.300 % 3.125%	12/15/49	75	58
	Home Depot Inc.	2.375%	3/15/51	70	47
	Home Depot Inc.	2.750%	9/15/51	575	418
	Home Depot Inc.	3.625%	4/15/52	655	561
6	Hyundai Capital America	0.800%	4/3/23	2,415	2,357
6	Hyundai Capital America	0.875%	6/14/24	1,875	1,754
6	Hyundai Capital America	1.650%	9/17/26	1,060	936

				Face	Market
		Courson	Maturity	Amount (\$000)	Value*
		Coupon	Date	(2000)	(\$000)
3	Johns Hopkins University	4.083%	7/1/53	200	191
3	Johns Hopkins University	2.813%	1/1/60	180	129
	Lowe's Cos. Inc.	3.100%	5/3/27	1,300	1,235
	Lowe's Cos. Inc.	6.500%	3/15/29	334	370
	Lowe's Cos. Inc.	3.750%	4/1/32	185	172
	McDonald's Corp.	3.250%	6/10/24	140	140
3	McDonald's Corp.	3.625%	9/1/49	470	385
0	Northeastern University	2.894%	10/1/50	225	165
	Starbucks Corp. Thomas Jefferson University	4.500%	11/15/48	766 690	698 564
3	University of Chicago	3.847% 2.761%	11/1/57 4/1/45	690 165	564 135
	University of Miami	4.063%	4/1/45	440	397
	VF Corp.	4.003 % 2.800%	4/1/52 4/23/27	440 595	557
	VF Corp.	2.950%	4/23/27	1,320	1,155
	vi corp.	2.900 /0	4/23/30	1,320	
_					30,769
Со	nsumer Staples (0.7%)				
	Altria Group Inc.	5.800%	2/14/39	550	502
	Altria Group Inc.	4.500%	5/2/43	135	100
	Anheuser-Busch Cos. LLC /				
	Anheuser-Busch InBev Worldwide Inc.	4.700%	2/1/36	1,290	1,238
	Anheuser-Busch Cos. LLC /	4.70070	2/1/30	1,230	1,230
	Anheuser-Busch InBev				
	Worldwide Inc.	4.900%	2/1/46	1,015	957
	Anheuser-Busch InBev			,	
	Worldwide Inc.	3.750%	7/15/42	520	424
	Archer-Daniels-Midland Co.	4.500%	3/15/49	970	968
	BAT Capital Corp.	3.557%	8/15/27	1,875	1,717
6	Cargill Inc.	6.875%	5/1/28	645	718
6	Cargill Inc.	2.125%	4/23/30	225	193
6	Cargill Inc.	4.760%	11/23/45	635	624
6	CK Hutchison International 20				
6	Ltd.	3.375%	5/8/50	560	451
0	Coca-Cola Europacific Partners	0.0000/	E 10 /0 4	005	007
	plc Calanta Palmalina Ca	0.800% 7.600%	5/3/24 5/19/25	885 480	837 529
	Colgate Palmolive Co. Conagra Brands Inc.	4.600%	11/1/25	220	221
	Conagra Brands Inc.	4.000%	11/1/25	345	288
	Conagra Brands Inc.	5.300%	11/1/38	345	283
6	Danone SA	2.947%	11/2/26	735	704
	Diageo Capital plc	2.625%	4/29/23	1,230	1.222
	Diageo Capital plc	2.375%	10/24/29	580	514
	Diageo Capital plc	2.000%	4/29/30	265	226
	Estee Lauder Cos. Inc.	2.375%	12/1/29	370	329
	Hormel Foods Corp.	1.700%	6/3/28	135	119
	Kroger Co.	3.850%	8/1/23	270	271
	Kroger Co.	4.000%	2/1/24	540	543
	McCormick & Co. Inc.	2.500%	4/15/30	135	115
	Molson Coors Beverage Co.	3.000%	7/15/26	1,800	1,693
	PepsiCo Inc.	2.375%	10/6/26	1,945	1,868
	Philip Morris International Inc.	2.500%	8/22/22	575	575
	Philip Morris International Inc.	2.625%	3/6/23	1,150	1,145
	Philip Morris International Inc.	3.600%	11/15/23	620	623
	Philip Morris International Inc.	3.375%	8/11/25	424	417
	Philip Morris International Inc.	4.875%	11/15/43	145	129
6	Sigma Alimentos SA de CV	4.125%	5/2/26	510	481
				_	21,024
Ene	ergy (1.2%)				21,024
	BP Capital Markets America Inc.	1.749%	8/10/30	345	283
	BP Capital Markets America Inc.	2.721%	1/12/32	1,150	991
	BP Capital Markets America Inc.	2.772%	11/10/50	470	327
	BP Capital Markets America Inc.	2.939%	6/4/51	925	661
	BP Capital Markets America Inc.	3.001%	3/17/52	1,530	1,105
	BP Capital Markets America Inc.	3.379%	2/8/61	370	274
	BP Capital Markets plc	2.500%	11/6/22	500	500
6	Coterra Energy Inc.	4.375%	6/1/24	927	926
6	Eastern Gas Transmission &				
	Storage Inc.	3.000%	11/15/29	585	530

				Face	Market
		Courses	Maturity	Amount	Value*
		Coupon	Date	(\$000)	(\$000)
6	Eastern Gas Transmission &	1.00000	44 14 140	105	447
6	Storage Inc. Eastern Gas Transmission &	4.800%	11/1/43	125	117
	Storage Inc.	4.600%	12/15/44	1,603	1,475
6	EIG Pearl Holdings Sarl	3.545%	8/31/36	1,260	1,076
6	EIG Pearl Holdings Sarl	4.387%	11/30/46	470	374
	Energy Transfer LP	5.250%	4/15/29	1,375	1,362
	Energy Transfer LP	5.350%	5/15/45	90	79
	Energy Transfer LP	5.300%	4/15/47	155	134
	Energy Transfer LP	5.400%	10/1/47	20	18
	Enterprise Products	E 4000/	0/45/45	000	0.00
	Operating LLC	5.100%	2/15/45	280	263
	Enterprise Products Operating LLC	4.250%	2/15/48	730	615
	Enterprise Products	4.230 /0	2/13/40	750	015
	Operating LLC	3.700%	1/31/51	170	133
	Enterprise Products				
	Operating LLC	3.300%	2/15/53	750	547
	Equinor ASA	2.450%	1/17/23	382	382
	Equinor ASA	2.650%	1/15/24	360	356
	Equinor ASA	3.700%	3/1/24	640	643
	Equinor ASA	3.250%	11/10/24	655	652
	Equinor ASA	2.875%	4/6/25	140	137
	Equinor ASA	3.125%	4/6/30	2,350	2,176
	Equinor ASA Exxon Mobil Corp.	2.375%	5/22/30	335	294 320
	Exxon Mobil Corp.	2.726% 3.043%	3/1/23 3/1/26	320 225	320 221
	Exxon Mobil Corp.	2.275%	8/16/26	1,070	1,016
	Exxon Mobil Corp.	2.440%	8/16/29	735	661
	Exxon Mobil Corp.	2.610%	10/15/30	1,055	948
	Exxon Mobil Corp.	4.114%	3/1/46	320	292
6	Galaxy Pipeline Assets Bidco Ltd.	2.160%	3/31/34	1,393	1,184
6	Galaxy Pipeline Assets Bidco Ltd.	2.940%	9/30/40	1,105	903
6	Qatar Energy	2.250%	7/12/31	925	791
6	Qatar Energy	3.125%	7/12/41	675	530
6 6	Saudi Arabian Oil Co.	3.500%	4/16/29	630	601
6	Schlumberger Holdings Corp.	3.900%	5/17/28	807	763
	Schlumberger Investment SA	3.650%	12/1/23	1,120	1,124
	Shell International Finance BV Shell International Finance BV	4.125%	5/11/35 3/25/40	1,130 345	1,078 370
	Shell International Finance BV	5.500% 4.375%	5/11/45	2,500	2,327
	Shell International Finance BV	3.000%	11/26/51	2,255	1,682
	Suncor Energy Inc.	5.950%	12/1/34	500	524
	Total Capital International SA	2.700%	1/25/23	885	883
	Total Capital International SA	3.750%	4/10/24	1,400	1,404
	TransCanada PipeLines Ltd.	4.875%	1/15/26	1,255	1,275
	TransCanada PipeLines Ltd.	4.100%	4/15/30	415	397
					35,724
Fin	ancials (9.3%)				
	AerCap Ireland Capital DAC /				
	AerCap Global Aviation Trust	3.000%	10/29/28	480	404
	AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.400%	10/20/22	325	256
6	All Group Ltd.	3.400%	10/29/33 4/9/29	325 1,475	1,421
6	AIA Group Ltd.	3.375%	4/7/30	370	347
	American International Group Inc.	6.250%	5/1/36	245	276
	American International Group Inc.	4.800%	7/10/45	220	205
	American International Group Inc.	4.750%	4/1/48	640	599
	American International Group Inc.	4.375%	6/30/50	375	332
	Ameriprise Financial Inc.	4.500%	5/13/32	335	329
	Aon Corp. / Aon Global Holdings				
6	plc	2.850%	5/28/27	550	516
6	Athene Global Funding	1.000%	4/16/24	685	644
6	Athene Global Funding	1.985%	8/19/28	10	8
6	Athene Global Funding Australia & New Zealand Banking	2.717%	1/7/29	980	835
	Group Ltd.	2.570%	11/25/35	685	549
6	Aviation Capital Group LLC	1.950%	9/20/26	415	353
	Banco Santander SA	3.125%	2/23/23	800	798
	Banco Santander SA	3.848%	4/12/23	400	400

B; B; B; B; B; B; B; B; B;	anco Santander SA anco Santander SA anco Santander SA ank of America Corp.	Coupon 1.849% 2.749%	Maturity Date 3/25/26	Face Amount (\$000) 1,000	Market Value• (\$000) 900
B; B; B; B; B; B; B; B; B;	anco Santander SA anco Santander SA	1.849% 2.749%	3/25/26		
B; B; B; B; B; B; B; B; B;	anco Santander SA anco Santander SA	2.749%		1,000	900
Bi Bi Bi Bi Bi Bi Bi	anco Santander SA				000
Bi Bi Bi Bi Bi Bi			12/3/30	400	318
Ba Ba Ba Ba Ba Ba	ank of America Corp.	2.958%	3/25/31	200	168
Ba Ba Ba Ba	and of American Comm	4.000%	1/22/25	875	871
Ba Ba Ba	ank of America Corp.	3.559% 3.593%	4/23/27 7/21/28	2,450 1,025	2,350 967
Ba Ba Ba	ank of America Corp. ank of America Corp.	3.593% 3.419%	12/20/28	512	967 477
Ba Ba	ank of America Corp.	4.271%	7/23/29	4,780	4,597
	ank of America Corp.	3.974%	2/7/30	1,895	1,780
	ank of America Corp.	3.194%	7/23/30	1,055	944
Do	ank of America Corp.	2.496%	2/13/31	1,495	1,265
Ba	ank of America Corp.	2.687%	4/22/32	955	802
Ba	ank of America Corp.	2.572%	10/20/32	490	404
	ank of America Corp.	3.846%	3/8/37	1,700	1,472
	ank of America Corp.	5.875%	2/7/42	260	281
	ank of America Corp.	3.311%	4/22/42	870	683
	ank of America Corp.	5.000%	1/21/44	1,000	977
	ank of America Corp.	4.330%	3/15/50	2,235	2,009
	ank of America Corp. ank of New York Mellon Corp.	2.972%	7/21/52	1,225	873
		2.200%	8/16/23	460	455
	ank of New York Mellon Corp. ank of New York Mellon Corp.	3.000%	2/24/25	720	706
Do	3M USD LIBOR + 1.050%	2.289%	10/30/23	1,145	1,146
Ba	ank of Nova Scotia	2.700%	8/3/26	1,825	1,723
	ank of Nova Scotia	1.950%	2/2/27	360	325
	angue Federative du Credit		_/ _/ _ ·		
	Mutuel SA	1.604%	10/4/26	1,000	895
Ba	arclays plc	3.932%	5/7/25	1,565	1,541
Ba	arclays plc	2.852%	5/7/26	220	208
	arclays plc	2.279%	11/24/27	400	355
	arclays plc	2.667%	3/10/32	1,270	1,024
	arclays plc	2.894%	11/24/32	1,300	1,046
	arclays plc	3.330%	11/24/42	465	347
Do	arclays plc, 3M USD LIBOR + 1.380%	2.791%	5/16/24	1,005	1,004
D	erkshire Hathaway Finance Corp.	2.875%	3/15/32	300	269
B	erkshire Hathaway Inc.	3.125%	3/15/26	715	702
	lackRock Inc.	2.100%	2/25/32	733	605
⁶ Bl	lackstone Holdings Finance Co.				
	LLC	2.550%	3/30/32	565	473
	NP Paribas SA	3.250%	3/3/23	190	190
	NP Paribas SA	3.800%	1/10/24	585	582
	NP Paribas SA	3.375%	1/9/25	1,775	1,735
D	NP Paribas SA	2.819%	11/19/25	1,335	1,277
	NP Paribas SA	1.323%	1/13/27	585	517
	NP Paribas SA	3.500%	11/16/27	2,050	1,920
	NP Paribas SA NP Paribas SA	2.591% 2.159%	1/20/28	885 910	797 762
	NP Paribas SA	2.153%	9/15/29 4/19/32	845	702
	PCE SA	5.700%	10/22/23	270	274
	PCE SA	4.000%	4/15/24	775	773
	PCE SA	5.150%	7/21/24	1,260	1,263
	PCE SA	3.500%	10/23/27	1,780	1,651
	PCE SA	2.700%	10/1/29	1,450	1,265
⁶ Bi	righthouse Financial Global Funding	1.000%	4/12/24	65	61
⁶ Bi	righthouse Financial Global Funding	1.750%	1/13/25	505	470
⁶ Bi	righthouse Financial Global Funding	1.550%	5/24/26	525	466
	righthouse Financial Global Funding	2.000%	6/28/28	520	450
⁶ Ca	anadian Imperial Bank of Commerce	1.150%	7/8/26	1,005	912
	apital One Financial Corp.	3.750%	4/24/24	1,305	1,300
	apital One Financial Corp.	3.200%	2/5/25	760	739
	harles Schwab Corp.	0.750%	3/18/24	1,350	1,295
C					
CI CI	harles Schwab Corp. harles Schwab Corp.	3.200% 2.000%	3/2/27 3/20/28	545 1,100	527 982

				Face	Market
		0	Maturity	Amount	Value*
		Coupon	Date	(\$000)	(\$000)
	Charles Schwab Corp.	2.900%	3/3/32	835	734
	Chubb INA Holdings Inc.	3.350%	5/15/24	555	554
	Chubb INA Holdings Inc.	4.350%	11/3/45	800	754
	Citigroup Inc.	0.981%	5/1/25	1,190	1,115
	Citigroup Inc.	1.462%	6/9/27	1,325	1,171
	Citigroup Inc.	3.070%	2/24/28	1,000	927
	Citigroup Inc.	3.520%	10/27/28	1,975	1,843
	Citigroup Inc.	6.625%	6/15/32	2,000	2,187
	Citigroup Inc. Citigroup Inc.	2.520% 3.878%	11/3/32 1/24/39	745 1,025	604 887
	Citigroup Inc.	2.904%	1/24/39	560	408
6	CNO Global Funding	2.504 % 1.650%	1/6/25	260	246
6	CNO Global Funding	2.650%	1/6/29	370	323
	Comerica Bank	2.500%	7/23/24	790	767
6	Commonwealth Bank of Australia	2.688%	3/11/31	2,285	1,863
6	Commonwealth Bank of Australia	3.784%	3/14/32	200	176
6	Cooperatieve Rabobank UA	1.106%	2/24/27	1,365	1,206
6	Corebridge Financial Inc.	3.900%	4/5/32	175	157
6	Corebridge Financial Inc.	4.350%	4/5/42	105	90
6	Corebridge Financial Inc.	4.400%	4/5/52	315	263
6	Credit Agricole SA	3.750%	4/24/23	1,160	1,160
6	Credit Agricole SA	3.250%	10/4/24	2,390	2,330
	Credit Suisse AG	3.625%	9/9/24	250	245
6	Credit Suisse Group AG	4.207%	6/12/24	340	336
	Credit Suisse Group AG	3.750%	3/26/25	3,470	3,364
6	Credit Suisse Group AG	2.593%	9/11/25	520	490
6	Credit Suisse Group AG	1.305%	2/2/27	545	469
6 6	Credit Suisse Group AG	3.869%	1/12/29	305	275
6,7	Credit Suisse Group AG	3.091%	5/14/32	1,195	956
6,7	Credit Suisse Group AG, 3M USD	0.001.0/	0/10/04	000	001
	LIBOR + 1.240% Credit Suisse Group Funding	2.961%	6/12/24	690	691
	Guernsey Ltd.	3.800%	9/15/22	1,335	1,336
6	Danske Bank A/S	3.875%	9/12/23	1,220	1,215
6	Danske Bank A/S	5.375%	1/12/24	795	803
6	Danske Bank A/S	1.621%	9/11/26	855	765
6	Danske Bank A/S	1.549%	9/10/27	1,605	1,408
6	DNB Bank ASA	1.535%	5/25/27	960	857
6	DNB Bank ASA	1.605%	3/30/28	1,330	1,160
6	Equitable Financial Life Global				
	Funding	1.400%	7/7/25	370	340
6	Equitable Financial Life Global	4 0 0 0 0 0	= 14 0 10 0	0.05	700
6	Funding	1.300%	7/12/26	825	730
0	Equitable Financial Life Global Funding	1.700%	11/12/26	365	326
6	Equitable Financial Life Global	1.70070	11/12/20	305	520
	Funding	1.400%	8/27/27	535	465
6	Equitable Financial Life Global		0/2//2/	000	
	Funding	1.800%	3/8/28	870	755
	Fifth Third Bancorp	2.550%	5/5/27	425	390
	Fifth Third Bancorp	4.055%	4/25/28	325	317
	Fifth Third Bancorp	4.337%	4/25/33	290	276
	Fifth Third Bank NA	3.850%	3/15/26	830	813
6	Five Corners Funding Trust	4.419%	11/15/23	210	211
6	GA Global Funding Trust	1.000%	4/8/24	750	707
	Goldman Sachs Group Inc.	3.625%	1/22/23	1,980	1,991
	Goldman Sachs Group Inc.	3.272%	9/29/25	1,205	1,172
	Goldman Sachs Group Inc.	3.500%	11/16/26	2,000	1,922
	Goldman Sachs Group Inc.	3.850%	1/26/27	740	716
	Goldman Sachs Group Inc. Goldman Sachs Group Inc.	1.431%	3/9/27	2,190	1,947
	Goldman Sachs Group Inc.	1.542% 3.691%	9/10/27 6/5/28	1,165 810	1,023 768
	Goldman Sachs Group Inc.	3.814%	4/23/29	3,065	2,890
	Goldman Sachs Group Inc.				
	Goldman Sachs Group Inc.	4.223% 2.615%	5/1/29 4/22/32	2,630 3,130	2,524 2,597
	Goldman Sachs Group Inc.	2.383%	4/22/32 7/21/32	1,040	2,597 842
	Goldman Sachs Group Inc.	2.650%	10/21/32	625	515
	Goldman Sachs Group Inc.	3.102%	2/24/33	1,275	1,090
	Goldman Sachs Group Inc.	6.750%	10/1/37	835	925
6	Guardian Life Global Funding	1.250%	5/13/26	205	185

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	HSBC Holdings plc	3.600%	5/25/23	1,600	1,605
	HSBC Holdings plc	0.976%	5/24/25	300	280
	HSBC Holdings plc	1.589%	5/24/27	805	708
	HSBC Holdings plc	2.251%	11/22/27	2,165	1,929
	HSBC Holdings plc	4.041%	3/13/28	890	845
	HSBC Holdings plc	4.583%	6/19/29	1,675	1,613
	HSBC Holdings plc	2.206%	8/17/29	1,440	1,209
	HSBC Holdings plc	2.357%	8/18/31	1,625	1,319
	HSBC Holdings plc HSBC Holdings plc	2.804%	5/24/32	1,555	1,277
	HSBC Holdings plc	2.871% 6.500%	11/22/32 5/2/36	2,125 1,000	1,741 1,065
	HSBC Holdings plc	6.100%	1/14/42	375	415
	HSBC Holdings plc	5.250%	3/14/44	440	410
7	HSBC Holdings plc, 3M USD	0.20070	0, 1 1, 1 1		
	LIBOR + 1.000%	2.455%	5/18/24	730	725
	HSBC USA Inc.	3.500%	6/23/24	620	616
	Huntington National Bank	4.552%	5/17/28	320	319
	ING Groep NV	3.950%	3/29/27	2,695	2,599
	ING Groep NV	1.726%	4/1/27	500	447
	Intercontinental Exchange Inc.	4.350%	6/15/29	425	419
	Intercontinental Exchange Inc.	1.850%	9/15/32	180	141
	Intercontinental Exchange Inc.	4.600%	3/15/33	1,140	1,133
	Intercontinental Exchange Inc. Intercontinental Exchange Inc.	2.650%	9/15/40 6/15/50	170	124
	Intercontinental Exchange Inc.	3.000% 4.950%	6/15/50	1,010 2,135	737 2,101
	Intercontinental Exchange Inc.	3.000%	9/15/60	2,135	2,101 574
6	JAB Holdings BV	2.200%	11/23/30	290	228
6	JAB Holdings BV	3.750%	5/28/51	500	346
6	JAB Holdings BV	4.500%	4/8/52	860	663
6	Jackson National Life Global		, ., .		
	Funding	1.750%	1/12/25	555	524
	JPMorgan Chase & Co.	3.375%	5/1/23	490	490
	JPMorgan Chase & Co.	3.875%	2/1/24	800	805
	JPMorgan Chase & Co.	3.900%	7/15/25	2,270	2,280
	JPMorgan Chase & Co.	4.125%	12/15/26	765	759
	JPMorgan Chase & Co.	4.250%	10/1/27	2,295	2,273
	JPMorgan Chase & Co. JPMorgan Chase & Co.	2.069% 4.452%	6/1/29 12/5/29	740 2,100	636 2,044
	JPMorgan Chase & Co.	3.702%	5/6/30	2,100	2,044
	JPMorgan Chase & Co.	3.109%	4/22/41	835	648
	JPMorgan Chase & Co.	5.400%	1/6/42	750	769
	JPMorgan Chase & Co.	3.157%	4/22/42	560	435
	JPMorgan Chase & Co.	3.964%	11/15/48	6,150	5,242
	JPMorgan Chase & Co.	3.109%	4/22/51	845	623
6	Liberty Mutual Group Inc.	4.250%	6/15/23	80	80
6	Liberty Mutual Group Inc.	4.569%	2/1/29	280	275
	Liberty Mutual Group Inc.	5.500%	6/15/52	750	716
6	Loews Corp.	2.625%	5/15/23	440	438
6	LSEGA Financing plc	1.375%	4/6/26	1,555	1,396
6	LSEGA Financing plc LSEGA Financing plc	2.000% 2.500%	4/6/28	630 1,110	552 952
6	Macquarie Group Ltd.	2.500% 4.150%	4/6/31 3/27/24	1,375	1,376
6	Macquarie Group Ltd.	1.935%	4/14/28	1,245	1,078
6	Macquarie Group Ltd.	2.871%	1/14/33	1,740	1,422
	Manufacturers & Traders Trust Co.	2.900%	2/6/25	685	671
	Marsh & McLennan Cos. Inc.	4.375%	3/15/29	675	667
	Marsh & McLennan Cos. Inc.	4.900%	3/15/49	305	302
	Marsh & McLennan Cos. Inc.	2.900%	12/15/51	560	398
6	Massachusetts Mutual Life Insurance Co.	7.625%	11/15/23	1,500	1,543
6	Massachusetts Mutual Life	0.00000	10/4/01	500	400
	Insurance Co.	3.200%	12/1/61	590	406
	MetLife Inc.	3.600%	4/10/24	580	582
	MetLife Inc.	4.125%	8/13/42	145	130
6	MetLife Inc. Metropolitan Life Global Funding	4.875%	11/13/43	530 640	523 619
6	I Metropolitan Life Global Funding	3.450%	12/18/26	640	618
	I	4.400%	6/30/27	300	302

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
6	Metropolitan Life Global Funding	3.000%	9/19/27	1,165	1,097
6	Metropolitan Life Global Funding	2.400%	1/11/32	1,410	1,187
	Mitsubishi UFJ Financial	2.623%			
	Group Inc. Morgan Stanley	2.023 %	7/18/22 10/23/24	1,940 750	1,940 748
	Morgan Stanley	2.720%	7/22/25	1,750	1,688
	Morgan Stanley	2.630%	2/18/26	1,805	1,726
	Morgan Stanley	3.125%	7/27/26	1,345	1,284
	Morgan Stanley	6.250%	8/9/26	3,000	3,192
	Morgan Stanley	3.625%	1/20/27	1,250	1,213
	Morgan Stanley	3.772%	1/24/29	3,910	3,717
	Morgan Stanley	2.699%	1/22/31	1,105	958
	Morgan Stanley	2.239%	7/21/32	1,805	1,467
	Morgan Stanley	2.511%	10/20/32	615	509
	Morgan Stanley	2.943%	1/21/33	920	789
	Morgan Stanley	2.484%	9/16/36	1,475	1,134
	Morgan Stanley	5.297%	4/20/37	270	262
	Morgan Stanley	4.300%	1/27/45	850	765
	Nasdaq Inc.	3.950%	3/7/52	1,030	848
	National Australia Bank Ltd.	3.905%	6/9/27	885	875
6	National Australia Bank Ltd.	2.332%	8/21/30	2,140	1,721
6	National Australia Bank Ltd.	2.990%	5/21/31	2,227	1,864
6 6	National Australia Bank Ltd. Nationwide Financial	3.347%	1/12/37	705	593
	Services Inc.	3.900%	11/30/49	1,430	1,163
6	Nationwide Mutual Insurance Co.	4.350%	4/30/50	1,520	1,269
~	NatWest Group plc	1.642%	6/14/27	870	764
6 6	NatWest Markets plc	0.800%	8/12/24	670	623
6	NBK SPC Ltd.	1.625%	9/15/27	1,975	1,763
6	New York Life Global Funding	2.900%	1/17/24	810	802
6	New York Life Insurance Co.	5.875%	5/15/33	2,100	2,308
6	New York Life Insurance Co. New York Life Insurance Co.	3.750%	5/15/50	345 435	282 376
6	Nordea Bank Abp	4.450% 1.500%	5/15/69 9/30/26	1,900	1,689
6	Northwestern Mutual Life Insurance Co.	3.850%	9/30/20	656	541
6	Northwestern Mutual Life			270	202
6	Insurance Co. Pacific Life Global Funding II	3.625% 1.375%	9/30/59 4/14/26	795	718
6	Penske Truck Leasing Co. LP / PTL Finance Corp.	3.450%	7/1/24	465	456
6	Penske Truck Leasing Co. LP / PTL Finance Corp.	2.700%	11/1/24	385	370
6	Penske Truck Leasing Co. LP / PTL Finance Corp.	3.950%	3/10/25	1,435	1,413
6	Penske Truck Leasing Co. LP /				
	PTL Finance Corp.	4.450%	1/29/26	925	916
	PNC Bank NA PNC Bank NA	3.300% 2.950%	10/30/24 2/23/25	460 1,105	456
	PNC Bank NA	4.200%	11/1/25	255	1,077 255
	PNC Bank NA	3.100%	10/25/27	1,165	1,106
	PNC Bank NA PNC Financial Services	3.250%	1/22/28	1,675	1,596
	Group Inc. PNC Financial Services	3.900%	4/29/24	580	582
	Group Inc.	2.550%	1/22/30	1,625	1,413
6	Principal Life Global Funding II	2.500%	9/16/29	1,000	873
	Protective Life Global Funding	4.714%	7/6/27	750	756
	Prudential plc	3.125%	4/14/30	645	591
6	RGA Global Funding	2.700%	1/18/29	425	375
	Santander Holdings USA Inc.	3.400%	1/18/23	605	604
6	Standard Chartered plc	1.214%	3/23/25	285	269
6	Sumitomo Mitsui Trust Bank Ltd.	0.850%	3/25/24	2,000	1,897
6	Svenska Handelsbanken AB	1.418%	6/11/27	1,875	1,672
6	Teachers Insurance & Annuity Assn. of America	4.900%	9/15/44	875	851
6	Teachers Insurance & Annuity				
6	Assn. of America Temasek Financial I Ltd.	4.270% 2.375%	5/15/47 1/23/23	1,145 1,130	1,016 1,126

				Face	Market
		Coupon	Maturity Date	Amount (\$000)	Value* (\$000)
6					
6 6	Temasek Financial I Ltd.	3.625%	8/1/28	1,025	1,030
6	Temasek Financial I Ltd. Temasek Financial I Ltd.	2.375% 2.250%	8/2/41 4/6/51	1,345 1,150	1,058 814
6	Temasek Financial I Ltd.	2.250%	10/6/70	670	450
	Truist Bank	3.300%	5/15/26	340	328
	Truist Financial Corp.	3.700%	6/5/25	1,385	1,379
	Truist Financial Corp.	1.950%	6/5/30	795	660
6	UBS AG	1.250%	6/1/26	985	877
6	UBS Group AG	1.494%	8/10/27	1,160	1,013
6	UBS Group AG	3.126%	8/13/30	555	492
6	UBS Group AG	2.095%	2/11/32	720	572
6	UBS Group AG	2.746%	2/11/33	890	724
6	UBS Group AG	3.179%	2/11/43	855	650
6	UniCredit SpA	1.982%	6/3/27	1,015	878
6	UniCredit SpA	3.127%	6/3/32	1,200	941
	US Bancorp	3.700%	1/30/24	1,560	1,568
	US Bancorp	2.677%	1/27/33	1,910	1,648
	US Bancorp	2.491%	11/3/36	1,860	1,519
	Wachovia Corp.	7.500%	4/15/35	1,000	1,188
	Wells Fargo & Co.	4.480%	1/16/24	1,199	1,213
	Wells Fargo & Co.	3.750%	1/24/24	1,560	1,563
	Wells Fargo & Co. Wells Fargo & Co.	3.000% 0.805%	2/19/25	890 430	871 403
	Wells Fargo & Co.	3.550%	5/19/25 9/29/25	430 860	403 844
	Wells Fargo & Co.	3.000%	4/22/26	1,045	995
	Wells Fargo & Co.	4.100%	6/3/26	340	334
	Wells Fargo & Co.	3.000%	10/23/26	170	161
	Wells Fargo & Co.	3.196%	6/17/27	1,705	1,616
	Wells Fargo & Co.	3.526%	3/24/28	1,230	1,167
	Wells Fargo & Co.	2.879%	10/30/30	435	383
	Wells Fargo & Co.	2.572%	2/11/31	2,235	1,922
	Wells Fargo & Co.	3.350%	3/2/33	235	209
	Wells Fargo & Co.	5.606%	1/15/44	2,276	2,291
	Wells Fargo & Co.	4.900%	11/17/45	515	477
	Wells Fargo & Co.	4.750%	12/7/46	2,070	1,887
	Wells Fargo & Co.	4.611%	4/25/53	1,245	1,152
					281,634
Hea	Ith Care (2.5%)				
	AbbVie Inc.	3.800%	3/15/25	575	571
	AbbVie Inc.	3.200%	11/21/29	650	598
	AbbVie Inc.	4.300%	5/14/36	100	94
	AbbVie Inc.	4.050%	11/21/39	590	526
	AdventHealth Obligated Group	2.795%	11/15/51	900	643
	Advocate Health & Hospitals Corp.	2.211%	6/15/30	360	310
	Advocate Health & Hospitals	2.21170	0/10/00	500	510
	Corp.	3.008%	6/15/50	540	407
	Aetna Inc.	2.800%	6/15/23	680	672
6	Alcon Finance Corp.	2.750%	9/23/26	200	187
6	Alcon Finance Corp.	2.600%	5/27/30	200	170
6	Alcon Finance Corp.	3.800%	9/23/49	800	633
	AmerisourceBergen Corp.	0.737%	3/15/23	568	557
	Anthem Inc.	3.300%	1/15/23	1,100	1,100
	Anthem Inc.	3.650%	12/1/27	750	730
	Anthem Inc.	4.101%	3/1/28	1,140	1,128
	Anthem Inc.	2.550%	3/15/31	1,100	951
	Anthem Inc.	4.650%	8/15/44	92	87
3	Ascension Health	2.532%	11/15/29	1,405	1,265
	Ascension Health AstraZeneca plc	4.847%	11/15/53	50 2 245	53
	AstraZeneca plc	4.000% 6.450%	1/17/29 9/15/37	2,345 615	2,337 738
	Banner Health	2.907%		910	708
	Baxter International Inc.	2.907%	1/1/42 12/1/28	800	708
6	Bayer US Finance II LLC	4.250%	12/15/25	1,100	1,086
6	Bayer US Finance LLC	3.375%	10/8/24	815	797
	Beth Israel Lahey Health Inc.	3.080%	7/1/51	405	295
3	Bon Secours Mercy Health Inc.	3.464%	6/1/30	590	550
	Bon Secours Mercy Health Inc.	2.095%	6/1/31	330	272
	Bon boobarb wibrey ribanti mb.	2.00070	0/1/01	330	212
	Bristol-Myers Squibb Co.	2.750%	2/15/23	138	138

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	Bristol-Myers Squibb Co.	3.400%	7/26/29	274	265
	Bristol-Myers Squibb Co.	2.950%	3/15/32	115	106
	Bristol-Myers Squibb Co.	4.125%	6/15/39	505	483
	Bristol-Myers Squibb Co.	3.550%	3/15/42	1,205	1,057
	Bristol-Myers Squibb Co. Bristol-Myers Squibb Co.	4.550% 4.250%	2/20/48 10/26/49	169 1,473	166 1,384
	Bristol-Myers Squibb Co.	2.550%	11/13/50	465	329
	Bristol-Myers Squibb Co.	3.700%	3/15/52	460	397
	Cedars-Sinai Health System	2.288%	8/15/31	1,330	1,132
	Children's Hospital Corp.	2.585%	2/1/50	160	111
	Cigna Corp. Cigna Corp.	3.250% 4.375%	4/15/25	880 515	863 510
	CommonSpirit Health	4.375% 2.950%	10/15/28 11/1/22	515 535	535
	CommonSpirit Health	4.200%	8/1/23	535	540
	CommonSpirit Health	2.760%	10/1/24	860	837
	CommonSpirit Health	3.347%	10/1/29	1,015	935
3	CommonSpirit Health	2.782%	10/1/30	684	584
0	CommonSpirit Health CommonSpirit Health	4.350% 4.187%	11/1/42 10/1/49	651 1,747	584 1,469
	CommonSpirit Health	3.910%	10/1/50	115	92
	Cottage Health Obligated Group	3.304%	11/1/49	295	233
6	CSL UK Holdings Ltd.	4.250%	4/27/32	660	645
6	CSL UK Holdings Ltd.	4.750%	4/27/52	105	100
	CVS Health Corp. CVS Health Corp.	2.750% 4.300%	12/1/22	965 43	964 43
	CVS Health Corp.	4.300 %	3/25/28 8/21/30	43 145	43 116
	CVS Health Corp.	4.875%	7/20/35	315	311
	CVS Health Corp.	4.125%	4/1/40	430	375
	CVS Health Corp.	5.125%	7/20/45	855	825
	Dignity Health	3.812%	11/1/24	560	554
	Gilead Sciences Inc. Gilead Sciences Inc.	3.700% 3.500%	4/1/24 2/1/25	1,010 560	1,011 554
	Gilead Sciences Inc.	4.500%	2/1/25	250	231
	Gilead Sciences Inc.	4.150%	3/1/47	430	379
	Gilead Sciences Inc.	2.800%	10/1/50	1,235	864
	GlaxoSmithKline Capital Inc.	2.800%	3/18/23	385	385
6	GlaxoSmithKline Capital Inc. HCA Inc.	5.375% 3.625%	4/15/34 3/15/32	2,000 455	2,185 384
6	HCA Inc.	4.375%	3/15/42	135	107
6	HCA Inc.	4.625%	3/15/52	265	212
	Indiana University Health Inc. Obligated Group	2.852%	11/1/51	365	266
	Inova Health System Foundation	4.068%	5/15/52	475	435
	Kaiser Foundation Hospitals	3.150%	5/1/27	380	369
	Kaiser Foundation Hospitals	2.810%	6/1/41	1,130	865
	Kaiser Foundation Hospitals Kaiser Foundation Hospitals	4.875% 3.002%	4/1/42 6/1/51	365 1,105	373 826
	Mass General Brigham Inc.	3.192%	7/1/49	935	731
	Mass General Brigham Inc.	3.342%	7/1/60	955	711
	Memorial Sloan-Kettering Cancer Center	2.955%	1/1/50	590	446
	Memorial Sloan-Kettering Cancer Center	4.125%	7/1/52	310	288
	Memorial Sloan-Kettering Cancer Center	4.200%	7/1/55	280	256
	Merck & Co. Inc.	3.400%	3/7/29	1,470	1,423
	Merck & Co. Inc.	4.150%	5/18/43	760	721
	Merck & Co. Inc.	4.000%	3/7/49	1,915	1,769
	Mercy Health	4.302%	7/1/28	570	573
	Novartis Capital Corp. Novartis Capital Corp.	3.400% 4.400%	5/6/24 5/6/44	415 640	417 639
	OhioHealth Corp.	4.400% 2.297%	5/6/44 11/15/31	640 760	639 651
	OhioHealth Corp.	2.834%	11/15/41	485	374
	Pfizer Inc.	3.000%	12/15/26	725	709
	Pfizer Inc.	3.450%	3/15/29	2,165	2,106
	Pfizer Inc.	4.100%	9/15/38	1,505	1,452
	Pfizer Inc. Piedmont Healthcare Inc.	2.550% 2.044%	5/28/40 1/1/32	275 255	217 209
	Piedmont Healthcare Inc.	2.719%	1/1/42	255	191

				F	
		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	Piedmont Healthcare Inc. Providence St. Joseph Health	2.864%	1/1/52	340	242
3	Obligated Group	2.532%	10/1/29	985	872
0	Providence St. Joseph Health Obligated Group	3.930%	10/1/48	325	285
	Providence St. Joseph Health Obligated Group	2.700%	10/1/51	1,000	669
6	Roche Holdings Inc.	2.375%	1/28/27	1,650	1,556
6	Roche Holdings Inc.	2.607%	12/13/51	305	223
	Royalty Pharma plc	2.200%	9/2/30	130	105
	Royalty Pharma plc	3.550%	9/2/50	1,405	981
	Rush Obligated Group	3.922%	11/15/29	330	317
	SSM Health Care Corp.	3.823%	6/1/27	940	936
	Sutter Health	2.294%	8/15/30	560	479
	Thermo Fisher Scientific Inc.	1.750%	10/15/28	260	227
	Thermo Fisher Scientific Inc.	2.000%	10/15/31	560	470
	Toledo Hospital	5.750%	11/15/38	545	557
	UnitedHealth Group Inc.	3.100%	3/15/26	430	421
	UnitedHealth Group Inc.	3.850%	6/15/28	1,190	1,184
	UnitedHealth Group Inc. UnitedHealth Group Inc.	2.000% 2.300%	5/15/30	275	236
			5/15/31	435	377
	UnitedHealth Group Inc. UnitedHealth Group Inc.	4.200% 4.625%	5/15/32 7/15/35	335 240	335 244
	UnitedHealth Group Inc.	4.025%	8/15/39	240	244 187
	UnitedHealth Group Inc.	2.750%	5/15/40	310	241
	UnitedHealth Group Inc.	4.250%	3/15/40	1,600	1,505
	United Health Group Inc.	4.250%	7/15/45	592	597
	UnitedHealth Group Inc.	4.200%	1/15/47	215	201
	UnitedHealth Group Inc.	3.750%	10/15/47	145	126
	UnitedHealth Group Inc.	4.250%	6/15/48	880	823
	UnitedHealth Group Inc.	4.450%	12/15/48	140	134
	UnitedHealth Group Inc.	3.700%	8/15/49	675	577
	UnitedHealth Group Inc.	2.900%	5/15/50	2,293	1,704
	UnitedHealth Group Inc.	3.250%	5/15/51	295	232
	UnitedHealth Group Inc.	4.750%	5/15/52	245	245
	UnitedHealth Group Inc.	3.875%	8/15/59	615	531
	UnitedHealth Group Inc.	3.125%	5/15/60	490 _	359
Ind	ustrials (0.9%)				76,355
6	Ashtead Capital Inc.	2.450%	8/12/31	495	379
6	BAE Systems Holdings Inc.	3.850%	12/15/25	1,085	1,066
6	BAE Systems plc	3.400%	4/15/30	215	197
	Boeing Co.	1.433%	2/4/24	940	899
	Boeing Co.	2.700%	2/1/27	495	441
	Boeing Co.	3.625%	2/1/31	720	623
	Burlington Northern Santa Fe LLC	3.000%	3/15/23	565	564
	Burlington Northern Santa Fe LLC	3.850%	9/1/23	1,630	1,639
	Burlington Northern Santa				
	Fe LLC Burlington Northern Santa	4.550%	9/1/44	250	240
	Fe LLC Burlington Northern Santa	4.150%	4/1/45	415	378
	Fe LLC Burlington Northern Santa	4.050%	6/15/48	60	55
	Fe LLC	3.050%	2/15/51	405	311
	Burlington Northern Santa Fe LLC	2.875%	6/15/52	705	524
	Burlington Northern Santa		a /a = /= =		
	Fe LLC	4.450%	1/15/53	145	140
	Canadian National Railway Co.	2.450%	5/1/50	205	138
	Canadian Pacific Railway Co.	2.450%	12/2/31	260	223
	Canadian Pacific Railway Co.	3.100%	12/2/51	770	567
	Carrier Global Corp.	2.722%	2/15/30	448	387
	Caterpillar Inc. CSX Corp.	3.400% 4.300%	5/15/24 3/1/48	810 445	813 408
	CSX Corp.	4.300% 3.350%	3/1/48 9/15/49	445 235	408 183
6	Daimler Trucks Finance North	0.000 /0	0/10/40	200	100
	America LLC	3.650%	4/7/27	445	426

				Face	Market
		0	Maturity	Amount	Value*
		Coupon	Date	(\$000)	(\$000)
	Illinois Tool Works Inc.	3.500%	3/1/24	1,295	1,299
	John Deere Capital Corp.	3.450%	3/13/25	1,200	1,202
	Kansas City Southern	4.950%	8/15/45	480	463
	Lockheed Martin Corp.	1.850%	6/15/30	60	51
	Lockheed Martin Corp.	4.500%	5/15/36	211	211
	Lockheed Martin Corp.	4.700%	5/15/46	376	380
	Lockheed Martin Corp.	4.090%	9/15/52	144	134
	Otis Worldwide Corp.	2.565%	2/15/30	225	195
	Parker-Hannifin Corp.	3.250%	6/14/29	270	247
	Parker-Hannifin Corp.	4.450%	11/21/44	450	402
	Raytheon Technologies Corp.	4.125%	11/16/28	1,125	1,111
6	Raytheon Technologies Corp.	4.450%	11/16/38	275	265
0	Siemens	3.125%	2/16/24	1 690	1 660
6	Financieringsmaatschappij NV Siemens	3.125%	3/16/24	1,680	1,669
	Financieringsmaatschappij NV	1.700%	3/11/28	630	553
6	Siemens	1.70070	0,11,20	000	000
	Financieringsmaatschappij NV	2.150%	3/11/31	1,100	932
6	Siemens			,	
	Financieringsmaatschappij NV	4.400%	5/27/45	800	761
3	Southwest Airlines Co. Series				
	2007-1 Pass Through Trust	6.150%	2/1/24	41	41
	Stanley Black & Decker Inc.	4.850%	11/15/48	685	682
	Teledyne Technologies Inc.	2.250%	4/1/28	1,155	1,001
	Teledyne Technologies Inc.	2.750%	4/1/31	1,290	1,079
	Union Pacific Corp.	3.700%	3/1/29	505	491
	Union Pacific Corp.	2.800%	2/14/32	120	107
	Union Pacific Corp.	3.375%	2/14/42	530	442
	Union Pacific Corp.	3.250%	2/5/50	200	157
	Union Pacific Corp.	3.799%	10/1/51	1,096	941
	Union Pacific Corp.	3.500%	2/14/53	1,025	838
	Union Pacific Corp.	3.839%	3/20/60	860	719
	Union Pacific Corp.	2.973%	9/16/62	625	432
	Union Pacific Corp.	3.750%	2/5/70	335	267
3	United Airlines Class B Series				
	2018-1 Pass Through Trust	4.600%	9/1/27	146 _	130
					27,803
	erials (0.0%)				
6	Corp. Nacional del Cobre de Chile	3.700%	1/30/50	600	448
Rea	I Estate (0.5%)				
	American Tower Corp.	5.000%	2/15/24	80	81
	American Tower Corp.	4.400%	2/15/26	450	448
	American Tower Corp.	3.800%	8/15/29	981	901
	Boston Properties LP	3.125%	9/1/23	355	352
	Boston Properties LP	3.800%	2/1/24	45	45
	Crown Castle International Corp.	3.650%	9/1/27	285	270
	Crown Castle International Corp.	3.800%	2/15/28	235	222
	Crown Castle International Corp.	2.100%	4/1/31	2,185	1,735
	CubeSmart LP	2.250%	12/15/28	360	307
	Healthpeak Properties Inc.	2.125%	12/1/28	880	760
	Healthpeak Properties Inc.	3.000%	1/15/30	930	820
	Realty Income Corp.	3.400%	1/15/28	210	198
	Realty Income Corp.	2.200%	6/15/28	735	647
	Realty Income Corp.	3.250%	1/15/31	380	346
6	Realty Income Corp.	2.850%	12/15/32	545	467
6 6	SBA Tower Trust	1.840%	4/15/27	1,570	1,401
6	SBA Tower Trust	2.593%	10/15/31	1,500	1,292
6	SBA Tower Trust	3.448%	3/15/48	705	698
6	SBA Tower Trust	2.836%	1/15/50	725	702
6	SBA Tower Trust	1.884%	7/15/50	265	245
6	SBA Tower Trust	1.631%	5/15/51	1,060	947
-	Scentre Group Trust 1 / Scentre Group Trust 2	4.375%	5/28/30	ROF	670
	Simon Property Group LP	4.375% 3.750%	2/1/24	695 90	90
	Simon Property Group LP	3.375%	10/1/24	275	272
	Simon Property Group LP	2.450%	9/13/29	1,160	985
	Samer roporty droup Er	2.10070	0,10,20	.,	
					14,901

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	rac la ray (1.79/)	coupon	Duto	(0000)	(0000)
iec	hnology (1.7%) Apple Inc.	3.000%	2/9/24	620	619
	Apple Inc.	3.450%	5/6/24	1,000	1,005
	Apple Inc.	2.850%	5/11/24	1,225	1,218
	Apple Inc.	3.250%	2/23/26	1,020	1,013
	Apple Inc.	2.450%	8/4/26	1,170	1,123
	Apple Inc.	3.350%	2/9/27	1,545	1,535
	Apple Inc.	3.200%	5/11/27	1,065	1,049
	Apple Inc.	2.900%	9/12/27	2,250	2,171
	Apple Inc.	3.850%	5/4/43	430	396
	Apple Inc.	4.450%	5/6/44	120	120
	Apple Inc.	3.850%	8/4/46	985	903
	Apple Inc.	2.650%	5/11/50	640	473
	Apple Inc.	2.550%	8/20/60	1,425	979
	Broadcom Corp. / Broadcom	2 0750/	1/15/07	205	204
	Cayman Finance Ltd. Broadcom Inc.	3.875% 4.110%	1/15/27 9/15/28	305 1,452	294 1,379
	Broadcom Inc.	4.110 %	11/15/30	130	1,373
6	Broadcom Inc.	2.600%	2/15/33	125	96
6	Broadcom Inc.	3.419%	4/15/33	305	252
6	Broadcom Inc.	3.500%	2/15/41	670	505
6	Broadcom Inc.	3.750%	2/15/51	325	240
	Cisco Systems Inc.	2.500%	9/20/26	431	414
	Intel Corp.	2.875%	5/11/24	800	797
	Intel Corp.	2.000%	8/12/31	105	88
	Intel Corp.	4.100%	5/19/46	1,360	1,239
	Intel Corp.	3.250%	11/15/49	600	468
	Intel Corp.	3.050%	8/12/51	1,610	1,199
	Intel Corp.	3.200%	8/12/61	425	310
	International Business Machines Corp.	3.000%	5/15/24	2,500	2,481
	International Business Machines Corp. International Business Machines	3.300%	5/15/26	4,500	4,396
	Corp. International Business Machines	3.500%	5/15/29	2,975	2,817
	Corp. Microsoft Corp.	5.875% 2.700%	11/29/32 2/12/25	1,010 760	1,109 754
	Microsoft Corp.	3.125%	11/3/25	435	435
	Microsoft Corp.	2.400%	8/8/26	1,890	1,822
	Microsoft Corp.	3.500%	2/12/35	605	581
	Microsoft Corp.	3.450%	8/8/36	822	776
	Microsoft Corp.	2.525%	6/1/50	3,336	2,456
	Microsoft Corp.	2.921%	3/17/52	3,287	2,595
	Oracle Corp.	2.950%	11/15/24	2,190	2,124
	Oracle Corp.	1.650%	3/25/26	895	802
	Oracle Corp. Oracle Corp.	3.250%	11/15/27 11/15/47	2,710 895	2,497 665
	Oracle Corp.	4.000% 3.850%	4/1/60	540	373
	QUALCOMM Inc.	1.300%	5/20/28	744	644
	QUALCOMM Inc.	2.150%	5/20/30	1,075	943
	QUALCOMM Inc.	1.650%	5/20/32	1,112	899
	QUALCOMM Inc.	4.250%	5/20/32	250	254
	QUALCOMM Inc.	4.500%	5/20/52	575	569
6	S&P Global Inc.	2.700%	3/1/29	345	314
6	S&P Global Inc.	2.900%	3/1/32	185	165
6	S&P Global Inc.	3.700%	3/1/52	400	342
	Workday Inc.	3.700%	4/1/29	190	178
	Workday Inc.	3.800%	4/1/32	685 _	626 51,621
Uti	lities (3.0%) AEP Texas Inc.	4.150%	5/1/49	145	124
	AEP Texas Inc.	3.450%	1/15/50	380	293
	AEP Transmission Co. LLC	4.500%	6/15/52	265	254
	Alabama Power Co.	5.200%	6/1/41	120	120
	Alabama Power Co.	4.100%	1/15/42	215	186
	Alabama Power Co.	3.750%	3/1/45	630	521
	Alabama Power Co.	4.300%	7/15/48	775	699
	Ameren Illinois Co.	3.800%	5/15/28	590	580
		0.00070	0/10/20	550	000

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	Ameren Illinois Co.	6.125%	12/15/28	1,000	1,044
	Ameren Illinois Co.	3.700%	12/1/47	140	120
	American Water Capital Corp.	2.950%	9/1/27	540	507
	American Water Capital Corp.	4.450%	6/1/32	590	586
	American Water Capital Corp.	3.750%	9/1/47	45	38
	American Water Capital Corp.	4.200%	9/1/48	845 25	757 22
	American Water Capital Corp. American Water Capital Corp.	4.150% 3.450%	6/1/49 5/1/50	25 95	76
	Arizona Public Service Co.	3.350%	5/15/50	410	301
	Baltimore Gas and Electric Co.	2.900%	6/15/50	238	175
	Baltimore Gas and Electric Co.	4.550%	6/1/52	75	73
	Berkshire Hathaway Energy Co.	6.125%	4/1/36	1,135	1,252
	Berkshire Hathaway Energy Co.	5.950%	5/15/37	25	27
	Berkshire Hathaway Energy Co.	5.150%	11/15/43	1,490	1,504
6	Berkshire Hathaway Energy Co.	4.250%	10/15/50	115	105
6	Berkshire Hathaway Energy Co. Boston Gas Co.	4.600% 3.150%	5/1/53 8/1/27	660 140	637 130
6	Boston Gas Co.	3.757%	3/16/32	140	111
6	Brooklyn Union Gas Co.	3.407%	3/10/26	95	91
6	Brooklyn Union Gas Co.	4.273%	3/15/48	1,720	1,404
	CenterPoint Energy Houston Electric LLC	4.250%	2/1/49	195	185
	CenterPoint Energy Resources				
	Corp.	4.000%	4/1/28	1,369	1,338
	Cleco Corporate Holdings LLC	3.743%	5/1/26	185	179
	Cleco Corporate Holdings LLC Cleco Securitization I LLC	3.375% 4.646%	9/15/29 9/1/44	405 765	361 740
	Commonwealth Edison Co.	2.950%	8/15/27	645	615
	Commonwealth Edison Co.	4.350%	11/15/45	375	346
	Commonwealth Edison Co.	3.650%	6/15/46	175	148
	Commonwealth Edison Co.	4.000%	3/1/48	480	432
	Commonwealth Edison Co.	3.850%	3/15/52	195	172
	Consolidated Edison Co. of New York Inc.	4.500%	12/1/45	980	901
	Consolidated Edison Co. of New York Inc. Consolidated Edison Co. of New	3.850%	6/15/46	76	64
	York Inc. Consolidated Edison Co. of New	3.950%	4/1/50	50	44
	York Inc. Consolidated Edison Co. of New	3.200%	12/1/51	570	433
	York Inc. Consolidated Edison Co. of New	4.625%	12/1/54	1,835	1,692
	York Inc.	4.500%	5/15/58	630	565
	Delmarva Power & Light Co.	3.500%	11/15/23	305	306
6	Dominion Energy Inc.	2.450%	1/15/23	3,240	3,215
	Dominion Energy Inc. Dominion Energy Inc.	5.250%	8/1/33	1,000	1,032
	Dominion Energy South Carolina Inc.	4.600% 6.625%	3/15/49 2/1/32	760 138	712 160
	Dominion Energy South Carolina Inc.	5.300%	5/15/33	44	47
	Dominion Energy South Carolina Inc.	5.450%	2/1/41	95	99
	Dominion Energy South Carolina Inc.	4.600%	6/15/43	202	191
	Duke Energy Carolinas LLC	6.100%	6/1/37	391	425
	Duke Energy Carolinas LLC	3.700%	12/1/47	470	399
	Duke Energy Corp.	2.650%	9/1/26	315	296
	Duke Energy Corp.	3.400%	6/15/29	350	320
	Duke Energy Corp.	3.300%	6/15/41	945	732
	Duke Energy Corp. Duke Energy Corp.	4.800% 3.750%	12/15/45 9/1/46	1,200 265	1,095 209
	Duke Energy Corp.	3.500%	6/15/51	990	747
	Duke Energy Florida LLC	6.350%	9/15/37	200	229
	Duke Energy Progress LLC	6.300%	4/1/38	365	417
	Duke Energy Progress LLC	4.100%	3/15/43	118	106
	Duke Energy Progress LLC Duke Energy Progress LLC	4.200% 2.500%	8/15/45 8/15/50	2,045 70	1,847 48
	Land Energy Fregress Lee	2.00070	0,10,00	/0	-0

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
3	Duke Energy Progress NC Storm	0.0070/	7/1/00	1 010	000
6	Funding LLC East Ohio Gas Co.	2.387% 2.000%	7/1/39	1,010	930
6	East Ohio Gas Co.	2.000%	6/15/30	325 475	270 344
	Eastern Energy Gas	3.000%	6/15/50	475	344
	Holdings LLC	3.550%	11/1/23	470	469
6	Electricite de France SA	4.875%	9/21/38	2,200	1,954
6	Electricite de France SA	4.875%	1/22/44	50	43
6	Electricite de France SA	4.950%	10/13/45	400	335
	Emera US Finance LP	3.550%	6/15/26	965	924
6	Enel Finance International NV	5.000%	6/15/32	980	947
	Enel Finance International NV	5.500%	6/15/52	990	944
	Entergy Louisiana LLC	3.120%	9/1/27	410	390
	Evergy Inc.	2.450%	9/15/24	425	409
	Evergy Kansas Central Inc.	3.250%	9/1/49	630	488
	Evergy Metro Inc.	2.250%	6/1/30	205	177
	Evergy Metro Inc.	4.200%	3/15/48	137	123
	Eversource Energy	2.900%	10/1/24	690	674
	Eversource Energy	3.150%	1/15/25	110	108
	Eversource Energy	3.300%	1/15/28	400	377
	Eversource Energy	3.375%	3/1/32	70	63
6	Exelon Corp.	3.350%	3/15/32	540	484
	Florida Power & Light Co.	5.650%	2/1/35	1,000	1,080
	Florida Power & Light Co.	4.950%	6/1/35	1,000	1,039
	Florida Power & Light Co.	5.950%	2/1/38	785	887
	Florida Power & Light Co.	5.690%	3/1/40	675	747
	Florida Power & Light Co.	3.700%	12/1/47	480	423
	Fortis Inc.	3.055%	10/4/26	1,195	1,122
	Georgia Power Co.	4.700%	5/15/32	655	658
	Georgia Power Co.	5.400%	6/1/40	205	201
	Georgia Power Co.	4.750%	9/1/40	988	896
	Georgia Power Co. Georgia Power Co.	4.300% 3.700%	3/15/42	1,076 170	936 125
	Georgia Power Co.	5.125%	1/30/50 5/15/52	710	135 708
	Indiana Michigan Power Co.	4.250%	8/15/48	415	366
6	KeySpan Gas East Corp.	4.230 % 2.742 %	8/15/26	670	632
6	Massachusetts Electric Co.	5.900%	11/15/39	585	616
6	Metropolitan Edison Co.	4.300%	1/15/29	249	245
	MidAmerican Energy Co.	4.400%	10/15/44	15	14
	MidAmerican Energy Co.	4.250%	5/1/46	45	42
	MidAmerican Energy Co.	4.250%	7/15/49	315	293
	MidAmerican Energy Co.	3.150%	4/15/50	1,390	1,086
6	Mid-Atlantic Interstate			,	
	Transmission LLC	4.100%	5/15/28	220	215
6	Monongahela Power Co.	5.400%	12/15/43	135	134
	National Rural Utilities				
	Cooperative Finance Corp.	2.950%	2/7/24	415	411
	National Rural Utilities				
	Cooperative Finance Corp.	2.850%	1/27/25	1,040	1,017
	Nevada Power Co.	3.125%	8/1/50	380	282
	NextEra Energy Capital	2 5500/	E /1 /07	000	050
	Holdings Inc.	3.550%	5/1/27	880	850
	NextEra Energy Capital Holdings Inc.	1.900%	6/15/28	670	583
	NextEra Energy Capital	1.000 /0	0/10/20	070	505
	Holdings Inc.	3.500%	4/1/29	390	364
	NextEra Energy Capital	0.00070	1, 1, 20	000	
	Holdings Inc.	2.750%	11/1/29	590	521
	NextEra Energy Capital				
	Holdings Inc.	2.250%	6/1/30	1,185	996
	NextEra Energy Capital				
	Holdings Inc.	5.000%	7/15/32	135	138
~		4.278%	12/15/28	1,000	984
	Niagara Mohawk Power Corp.			540	372
	Niagara Mohawk Power Corp.	3.025%	6/27/50		
	Niagara Mohawk Power Corp. NiSource Inc.	5.250%	2/15/43	390	378
	Niagara Mohawk Power Corp. NiSource Inc. NiSource Inc.	5.250% 4.800%	2/15/43 2/15/44	390 255	378 230
	Niagara Mohawk Power Corp. NiSource Inc. NiSource Inc. NiSource Inc.	5.250% 4.800% 5.000%	2/15/43 2/15/44 6/15/52	390 255 420	378 230 407
	Niagara Mohawk Power Corp. NiSource Inc. NiSource Inc. NiSource Inc. Northern States Power Co.	5.250% 4.800% 5.000% 2.250%	2/15/43 2/15/44 6/15/52 4/1/31	390 255 420 145	378 230 407 127
6	Niagara Mohawk Power Corp. NiSource Inc. NiSource Inc. NiSource Inc.	5.250% 4.800% 5.000%	2/15/43 2/15/44 6/15/52	390 255 420	378 230 407

		<u></u>	Maturity	Face Amount	Market Value•
		Coupon	Date	(\$000)	(\$000)
3,6	Oglethorpe Power Corp.	6.191%	1/1/31	1,065	1,108
	Oglethorpe Power Corp. Oglethorpe Power Corp.	5.950% 4.550%	11/1/39 6/1/44	170 50	179 44
	Oglethorpe Power Corp.	4.250%	4/1/46	537	44
6	Oglethorpe Power Corp.	4.500%	4/1/47	115	99
	Oglethorpe Power Corp.	5.050%	10/1/48	65	61
	Oglethorpe Power Corp.	5.250%	9/1/50	630	597
6	Oncor Electric Delivery Co. LLC	4.150%	6/1/32	150	151
	Oncor Electric Delivery Co. LLC	4.550%	12/1/41	75	73
6	Oncor Electric Delivery Co. LLC	2.700%	11/15/51	355	257
0	Oncor Electric Delivery Co. LLC PacifiCorp	4.600% 6.250%	6/1/52 10/15/37	670 2,000	663 2,241
	PacifiCorp	4.125%	1/15/49	2,000	2,241
	PacifiCorp	4.150%	2/15/50	345	309
	PacifiCorp	3.300%	3/15/51	169	133
	PECO Energy Co.	4.600%	5/15/52	280	281
3	PG&E Energy Recovery				
0	Funding LLC	2.280%	1/15/38	109	92
3	PG&E Energy Recovery	0.0000/	7/15/40	404	001
	Funding LLC Piedmont Natural Gas Co Inc.	2.822% 5.050%	7/15/48 5/15/52	494 260	391 255
	Potomac Electric Power Co.	6.500%	11/15/37	200 750	255 871
	San Diego Gas & Electric Co.	6.000%	6/1/26	600	643
	San Diego Gas & Electric Co.	1.700%	10/1/30	145	119
	San Diego Gas & Electric Co.	3.750%	6/1/47	160	135
	San Diego Gas & Electric Co.	4.150%	5/15/48	545	502
	San Diego Gas & Electric Co.	2.950%	8/15/51	21	16
	San Diego Gas & Electric Co.	3.700%	3/15/52	790	668
3	SCE Recovery Funding LLC	0.861%	11/15/31	283	248
	SCE Recovery Funding LLC	1.942%	5/15/38	110	84
	SCE Recovery Funding LLC	2.510%	11/15/43	100	86
	Sempra Energy Sempra Energy	3.250% 6.000%	6/15/27 10/15/39	1,095 600	1,038 632
	Sierra Pacific Power Co.	3.375%	8/15/23	850	850
	Sierra Pacific Power Co.	2.600%	5/1/26	221	210
	Southern California Edison Co.	3.700%	8/1/25	90	89
	Southern California Edison Co.	6.000%	1/15/34	1,000	1,066
	Southern California Edison Co.	5.550%	1/15/37	2,250	2,255
	Southern California Edison Co.	6.050%	3/15/39	55	58
	Southern California Edison Co.	4.000%	4/1/47	195	158
	Southern California Edison Co.	4.125%	3/1/48	645	532
	Southern California Edison Co. Southern California Gas Co.	3.650% 2.600%	2/1/50	155 820	119 777
	Southern Co.	2.800 %	6/15/26 7/1/23	1,280	777 1,265
	Southern Co.	4.400%	7/1/46	755	658
	Southwest Gas Corp.	2.200%	6/15/30	230	186
	Southwestern Electric Power Co.	6.200%	3/15/40	400	432
	Southwestern Public Service Co.	3.700%	8/15/47	102	85
	Texas Electric Market Stabilization Funding N LLC	4.966%	2/1/44	1,120	1,115
	Texas Electric Market Stabilization Funding N LLC Texas Electric Market	5.057%	8/1/48	535	533
	Stabilization Funding N LLC	5.167%	2/1/52	500	500
	Union Electric Co.	4.000%	4/1/48	423	371
	Union Electric Co.	3.900%	4/1/52	245	217
	Virginia Electric and Power Co.	2.750%	3/15/23	690	685
	Virginia Electric and Power Co.	3.500%	3/15/27	435	425
	Wisconsin Electric Power Co.	5.700%	12/1/36	690	749
					91,351
Tot	al Corporate Bonds (Cost \$745,023	3)			676,609
	vereign Bonds (0.4%)				
5	-	4.054.0/	7/7/50	000	000
6	Emirate of Abu Dhabi	4.951%	7/7/52	390	393
6	Government of Bermuda Government of Bermuda	2.375% 3.375%	8/20/30 8/20/50	400 200	335 145
	International Bank for Reconstruction &	0.07070	0/20/30	200	140
	Development	4.750%	2/15/35	2,000	2,266

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
6	Kingdom of Saudi Arabia	2.875%	3/4/23	930	928
	Republic of Chile	2.550%	1/27/32	540	459
	Republic of Chile	2.550%	7/27/33	1,085	886
	Republic of Chile	3.500%	1/31/34	545	485
	Republic of Chile	3.500%	4/15/53	575	435
	Republic of Chile	3.100%	1/22/61	410	277
	Republic of Colombia	4.000%	2/26/24	970	942
	Republic of Panama	2.252%	9/29/32	980	766
З	Republic of Panama	3.870%	7/23/60	885	629
6	State of Qatar	3.875%	4/23/23	1,985	1,992
6	State of Qatar	4.400%	4/16/50	430	410
	United Mexican States	4.400%	2/12/52	890	667
Tot	al Sovereign Bonds (Cost \$13,317)		2,12,02	000	12,015
Тах	able Municipal Bonds (1.8%)				
	Alabama Federal Aid Highway Finance Authority Government Fund/Grant Revenue Bay Area Toll Authority Highway	2.650%	9/1/37	160	129
	Revenue	2.574%	4/1/31	450	411
	Bay Area Toll Authority Highway Revenue	6.263%	4/1/49	60	77
	Bay Area Toll Authority Highway Revenue	7.043%	4/1/50	820	1,127
	Broward FL Airport System Port,				
	Airport & Marina Revenue	3.477%	10/1/43	300	253
	California GO	7.500%	4/1/34	155	199
	California GO	7.350%	11/1/39	1,550	2,019
	California Health Facilities Financing Authority Intergovernmental Agreement Revenue California Health Facilities	4.190%	6/1/37	175	167
	Financing Authority Intergovernmental Agreement Revenue	4.353%	6/1/41	580	543
	California State University College & University Revenue	2.719%	11/1/52	350	260
	California State University College & University Revenue	2.939%	11/1/52	445	340
	Chicago O'Hare International Airport Port, Airport & Marina Revenue Chicago Transit Authority Sales &	6.395%	1/1/40	155	191
	Transfer Tax Receipts Sales Tax Revenue Chicago Transit Authority Sales &	6.899%	12/1/40	1,780	2,135
	Transfer Tax Receipts Sales Tax Revenue Chicago Transit Authority Sales	6.899%	12/1/40	825	989
	Tax Receipts Fund Sales Tax Revenue Commonwealth of	6.200%	12/1/40	550	632
	Massachusetts GO	2.514%	7/1/41	270	209
	Dallas Fort Worth International Airport Port, Airport & Marina Revenue Dallas Fort Worth International	2.843%	11/1/46	515	400
	Airport Port, Airport & Marina Revenue	4.087%	11/1/51	75	73
	Dallas Fort Worth International Airport Port, Airport & Marina Revenue	4.507%	11/1/51	535	520
	Dallas-Fort Worth International Airport Port, Airport & Marina Revenue	3.089%	11/1/40	220	183
	Florida State Board of Administration Finance Corp. Miscellaneous Revenue Foothill-Eastern Transportation	1.705%	7/1/27	925	837
	Corridor Agency Highway Revenue	4.094%	1/15/49	155	135

		Coupon	Maturity Date	Face Amount (\$000)	Market Value∙ (\$000)
8	Foothill-Eastern Transportation				
	Corridor Agency Highway Revenue	3.924%	1/15/53	1,170	1,019
	Georgia Municipal Electric Authority Electric Power &				
	Light Revenue Golden State Tobacco	6.637%	4/1/57	2,031	2,384
	Securitization Corp. Tobacco Settlement Funded Revenue Golden State Tobacco	2.746%	6/1/34	70	60
	Securitization Corp. Tobacco Settlement Funded Revenue Golden State Tobacco	3.293%	6/1/42	130	105
	Securitization Corp. Tobacco Settlement Funded Revenue	3.000%	6/1/46	290	255
	Grand Parkway Transportation Corp. Highway Revenue Grand Parkway Transportation	5.184%	10/1/42	140	154
	Corp. Texas System Highway Revenue Great Lakes Water Authority	3.236%	10/1/52	930	745
	Sewage Disposal System				
	Sewer Revenue	3.056%	7/1/39	250	211
	Houston TX GO Illinois GO	6.290% 5.100%	3/1/32 6/1/33	340 4,340	380 4,366
	Illinois State Toll Highway Authority Highway Revenue	6.184%	1/1/34	750	864
_	JobsOhio Beverage System Miscellaneous Revenue	2.833%	1/1/38	160	133
9	Kansas Development Finance Authority Appropriations Revenue	2.774%	5/1/51	390	300
8	Kansas Development Finance Authority Lease (Appropriation) Revenue	5.501%	5/1/34	2,000	2,176
	Maryland State Transportation Authority Transit Revenue	5.888%	7/1/43	545	626
	Massachusetts School Building Authority Sales Tax Revenue	1.753%	8/15/30	890	766
	Massachusetts School Building Authority Sales Tax Revenue	5.715%	8/15/39	1,000	1,120
	Massachusetts School Building Authority Sales Tax Revenue	3.395%	10/15/40	500	422
	Massachusetts School Building Authority Sales Tax Revenue	2.950%	5/15/43	650	499
	Massachusetts Water Resources Authority Water Revenue Metropolitan Transportation	2.823%	8/1/41	710	585
	Authority Fuel Sales Tax Revenue Metropolitan Transportation	6.089%	11/15/40	445	517
	Authority Miscellaneous Taxes Revenue	7.336%	11/15/39	325	436
	Metropolitan Transportation Authority Transit Revenue	6.200%	11/15/26	60	63
	Metropolitan Transportation Authority Transit Revenue	6.814%	11/15/40	785	949
	Metropolitan Transportation Authority Transit Revenue Michigan Finance Authority	5.175%	11/15/49	910	939
	Health, Hospital, Nursing Home Revenue New Jersey Turnpike Authority	3.084%	12/1/34	295	265
	Highway Revenue New York State Dormitory	7.414%	1/1/40	410	544
	Authority Income Tax Revenue New York State Dormitory	3.110%	2/15/39	640	548
	Authority Income Tax Revenue New York State Thruway	3.190%	2/15/43	355	291
	Authority Highway Revenue New York State Thruway	2.900%	1/1/35	490	429
	Authority Highway Revenue North Texas Tollway Authority	3.500%	1/1/42	275	234
	Highway Revenue	3.011%	1/1/43	295	238

	Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
North Texas Tollway Authority Highway Revenue Oregon Department of	6.718%	1/1/49	465	626
Transportation Fuel Sales Tax Revenue Oregon School Boards Assn. GO	5.834% 5.528%	11/15/34 6/30/28	655 2,000	747 2,102
Oregon State University College & University Revenue Philadelphia Authority for	3.424%	3/1/60	1,000	813
Industrial Development Miscellaneous Revenue Port Authority of New York &	6.550%	10/15/28	1,945	2,210
New Jersey Port, Airport & Marina Revenue Port Authority of New York &	5.859%	12/1/24	65	69
New Jersey Port, Airport & Marina Revenue Port Authority of New York &	3.175%	7/15/60	485	363
New Jersey Port, Airport & Marina Revenue Port Authority of New York &	4.458%	10/1/62	1,175	1,143
New Jersey Port, Airport & Marina Revenue Regents of the University of	4.810%	10/15/65	640	661
California Medical Center Pooled Health, Hospital, Nursing Home Revenue Riverside CA General Fund	4.132%	5/15/32	465	460
Revenue	3.857%	6/1/45	260	232
Riverside County CA Appropriations Revenue Rutgers State University of New	3.818%	2/15/38	290	275
Jersey College & University Revenue Sales Tax Securitization Corp.	3.270%	5/1/43	350	293
Illinois Sales Tax Revenue Sales Tax Securitization Corp. Intergovernmental Agreement	4.787%	1/1/48	1,240	1,261
Revenue San Antonio TX Electric & Gas Systems Electric Power &	3.238%	1/1/42	1,000	842
Light Revenue Texas Transportation Commission	2.905%	2/1/48	255	199
GO Texas Transportation Commission State Highway Fund	2.562%	4/1/42	235	190
Miscellaneous Revenue University of California College &	4.000%	10/1/33	395	392
University Revenue University of California College &	1.316%	5/15/27	385	345
University Revenue University of California College &	1.614%	5/15/30	645	541
University Revenue University of California College &	4.601%	5/15/31	590	607
University Revenue University of California College &	4.765%	5/15/44	145	146
University Revenue University of California Regents Medical Center Pooled Health,	3.931%	5/15/45	570	535
Hospital, Nursing Home Revenue University of California Regents Medical Center Pooled Health,	6.548%	5/15/48	80	99
Hospital, Nursing Home Revenue University of California Regents	6.583%	5/15/49	695	863
Medical Center Pooled Health, Hospital, Nursing Home Revenue	3.006%	5/15/50	450	340
University of California Regents Medical Center Pooled Health, Hospital, Nursing Home Revenue	4.563%	5/15/53	1,350	1,326
		0,10,00	1,000	.,020

	Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
University of California Regents Medical Center Pooled Health, Hospital, Nursing Home				
Revenue	3.256%	5/15/60	780	580
University of Michigan College & University Revenue	3.504%	4/1/52	210	186
University of Minnesota College & University Revenue Utility Debt Securitization Authority Electric Power &	4.048%	4/1/52	840	825
Light Revenue	3.435%	12/15/25	108	108
Total Taxable Municipal Bonds (Cost		53,831		
			Shares	

Temporary Cash Investments (1.9%)			
Money Market Fund (0.0%) ¹¹ Vanguard Market Liquidity Fund	1.417%	117	12

	Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
Repurchase Agreement (1.9%) NatWest Markets plc (Dated 6/30/22, Repurchase Value \$58,402,000, collateralized by U.S. Treasury Note/Bond 1.625%–7.625%, 8/15/22–11/15/50, with a value of \$59,568,000)	1.480%	7/1/22	58,400	58,400
Total Temporary Cash Investments (C	ost \$58,411)		58,412
Total Investments (101.0%) (Cost \$2,8	04,558)		:	3,071,558
Other Assets and Liabilities—Net (-1.	0%)			(29,429)
Net Assets (100%)			:	3,042,129
Cost is in \$000. • See Note A in Notes to Financial Statements				

See Note A in Notes to Financial Statements.

* Non-income-producing security.

 Securities with a value of \$742,000 have been segregated as initial margin for open centrally cleared swap contracts.

2 Securities with a value of \$320,000 have been segregated as initial margin for open futures contracts.

3 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.

4 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.

5 Includes securities purchased on a when-issued or delayed-delivery basis for which the portfolio has not taken delivery as of June 30, 2022.

6 Security exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2022, the aggregate value was \$191,861,000, representing 6.3% of net assets.

7 Variable-rate security; rate shown is effective rate at period end. Certain variable-rate securities are not based on a published reference rate and spread but are determined by the issuer or agent based on current market conditions.

8 Scheduled principal and interest payments are guaranteed by Assured Guaranty Municipal Corp.

9 Scheduled principal and interest payments are guaranteed by Build America Mutual Assurance Co.

10 Scheduled principal and interest payments are guaranteed by National Public Finance Guarantee Corp.

11 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

1M-1-month.

3M—3-month.

ADR—American Depositary Receipt.

CLO-Collaterized Loan Obligation.

GO—General Obligation Bond.

LIBOR—London Interbank Offered Rate.

REMICS—Real Estate Mortgage Investment Conduits.

UMBS—Uniform Mortgage-Backed Securities.

USD—U.S. dollar.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts						
						(\$000)
	Expirat	ion	Number o Long (Shor Contracts	t) Not	ional iount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts						
Ultra 10-Year U.S. Treasury Note	September 20)22			127	_
5-Year U.S. Treasury Note	September 20)22	226	6 25	5,369	(169)
					_	(169)
Short Futures Contracts						
10-Year U.S. Treasury Note	September 20)22	(46) (9	,661)	58
					_	(111)
Centrally Cleared Credit Default Swaps						
Reference Entity	Termination Date	Notio	nal Amount (000)	Periodic Premium Received (Paid) ¹ (%)	Value (\$000)	Unrealized Appreciation (Depreciation) (\$000)
Credit Protection Sold						
CDX-NA-IG-S38-V1	6/21/27	USE	23,640	1.000	(3)	(218)
1 Periodic premium received/paid quarterly.						

USD—U.S. dollar.

The notional amount represents the maximum potential amount the fund could be required to pay as a seller of credit protection if the reference entity was subject to a credit event.

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$2,804,547)	3,071,546
Affiliated Issuers (Cost \$11)	12
Total Investments in Securities	3,071,558
Investment in Vanguard	117
Cash	69
Foreign Currency, at Value (Cost \$222)	218
Receivables for Accrued Income	11,487
Receivables for Capital Shares Issued	179
Variation Margin Receivable—Futures Contracts	110
Variation Margin Receivable—Centrally Cleared Swap Contracts	4
Total Assets	3,083,742
Liabilities	
Payables for Investment Securities Purchased	36,405
Payables to Investment Advisor	389
Payables for Capital Shares Redeemed	4,621
Payables to Vanguard	198
Total Liabilities	41,613
Net Assets	3,042,129

At June 30, 2022, net assets consisted of:

Paid-in Capital Total Distributable Earnings (Loss)	2,650,204
Net Assets	3,042,129
Net Assets	
Applicable to 143,031,374 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	3,042,129
Net Asset Value Per Share	\$21.27

Statement of Operations

Six Months Ended June 30, 2022 (\$000)

Investment Income	
Income	
Dividends ¹	19,838
Interest	16,237
Securities Lending—Net	_
Total Income	36,075
Expenses	
Investment Advisory Fees—Note B	
Basic Fee	851
Performance Adjustment	(102)
The Vanguard Group—Note C	
Management and Administrative	2,516
Marketing and Distribution	103
Custodian Fees	15
Shareholders' Reports	43
Trustees' Fees and Expenses	1
Other Expenses	5
Total Expenses	3,432
Expenses Paid Indirectly	(1)
Net Expenses	3,431
Net Investment Income	32,644
Realized Net Gain (Loss)	
Investment Securities Sold ²	100,218
Futures Contracts	(2,529)
Swap Contracts	110
Forward Currency Contracts	(12)
Foreign Currencies	48
Realized Net Gain (Loss)	97,835
Change in Unrealized Appreciation (Depreciation)	
Investment Securities ²	(729,210)
Futures Contracts	(244)
Swap Contracts	(218)
Foreign Currencies	(90)
Change in Unrealized Appreciation (Depreciation)	(729,762)
Net Increase (Decrease) in Net Assets Resulting from Operations	(599,283)
 Dividends are net of foreign withholding taxes of \$ Realized net gain (loss), and change in unrealized a (depreciation) from an affiliated company of the po \$0, and \$1,000, respectively. Purchases and sales a temporary cash investment purposes. 	appreciation ortfolio were

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	32,644	62,487
Realized Net Gain (Loss)	97,835	311,922
Change in Unrealized Appreciation (Depreciation)	(729,762)	242,651
Net Increase (Decrease) in Net Assets Resulting from Operations	(599,283)	617,060
Distributions		
Total Distributions	(375,204)	(240,358)
Capital ShareTransactions		
Issued	110,531	255,089
Issued in Lieu of Cash Distributions	375,204	240,358
Redeemed	(256,500)	(431,072)
Net Increase (Decrease) from Capital Share Transactions	229,235	64,375
Total Increase (Decrease)	(745,252)	441,077
Net Assets		
Beginning of Period	3,787,381	3,346,304
End of Period	3,042,129	3,787,381

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year E	nded Dece	mber 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$28.41	\$25.68	\$24.94	\$22.20	\$24.80	\$23.03
Investment Operations						
Net Investment Income ¹	.236	.468	.526	.623	.626	.582
Net Realized and Unrealized Gain (Loss) on Investments	(4.491)	4.137	1.692	4.105	(1.414)	2.648
Total from Investment Operations	(4.255)	4.605	2.218	4.728	(.788)	3.230
Distributions						
Dividends from Net Investment Income	(.480)	(.497)	(.666)	(.660)	(.582)	(.567)
Distributions from Realized Capital Gains	(2.405)	(1.378)	(.812)	(1.328)	(1.230)	(.893)
Total Distributions	(2.885)	(1.875)	(1.478)	(1.988)	(1.812)	(1.460)
Net Asset Value, End of Period	\$21.27	\$28.41	\$25.68	\$24.94	\$22.20	\$24.80
Total Return	-16.08%	19.02%	10.68%	22.48%	-3.41%	14.72%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$3,042	\$3,787	\$3,346	\$3,267	\$2,708	\$2,942
Ratio of Total Expenses to Average Net Assets ²	0.21% ³	0.20%	0.20%	0.21%	0.21%	0.23%
Ratio of Net Investment Income to Average Net Assets	1.90%	1.76%	2.24%	2.68%	2.67%	2.49%
Portfolio Turnover Rate ⁴	18%	33%	49%	29%	36%	28%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

2 Includes performance-based investment advisory fee increases (decreases) of (0.01%), (0.01%), (0.01%), (0.00%), (0.00%), and (0.00%).

3 The ratio of expenses to average net assets for the period net of reduction from broker commission abatement arrangements was 0.21%.

4 Includes 2%, 1%, 3%, 8%, 2%, and 0%, respectively, attributable to mortgage-dollar-roll activity.

Notes to Financial Statements

The Balanced Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Certain of the portfolio's investments are in corporate debt instruments; the issuers' abilities to meet their obligations may be affected by economic developments in their respective industries. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Bonds and temporary cash investments are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Structured debt securities, including mortgages and asset-backed securities, are valued using the latest bid prices or using valuations based on a matrix system that considers such factors as issuer, tranche, nominal or option-adjusted spreads, weighted average coupon, weighted average maturity, credit enhancements, and collateral, as furnished by independent pricing services. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Securities for which market quotations are not readily available, or whose values have been affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued at their fair values calculated according to procedures adopted by the board of trustees. These procedures include obtaining quotations from an independent pricing service, monitoring news to identify significant market- or security-specific events, and evaluating changes in the values of foreign market proxies (for example, ADRs, futures contracts, or exchange-traded funds), between the time the foreign markets close and the portfolio's pricing time. When fair-value pricing is employed, the prices of securities used by a portfolio to calculate its net asset value may differ from quoted or published prices for the same securities.

2. Foreign Currency: Securities and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using exchange rates obtained from an independent third party as of the portfolio's pricing time on the valuation date. Realized gains (losses) and unrealized appreciation (depreciation) on investment securities include the effects of changes in exchange rates since the securities were purchased, combined with the effects of changes in security prices. Fluctuations in the value of other assets and liabilities resulting from changes in exchange rates are recorded as unrealized foreign currency gains (losses) until the assets or liabilities are settled in cash, at which time they are recorded as realized foreign currency gains (losses).

3. To Be Announced (TBA) Transactions: A TBA transaction is an agreement to buy or sell mortgage-backed securities with agreed-upon characteristics (face amount, coupon, maturity) for settlement at a future date. The portfolio may be a seller of TBA transactions to reduce its exposure to the mortgage-backed securities market or in order to sell mortgage-backed securities it owns under delayed-delivery arrangements. When the portfolio is a buyer of TBA transactions, it maintains cash or short-term investments in an amount sufficient to meet the purchase price at the settlement date of the TBA transaction. The primary risk associated with TBA transactions is that a counterparty may default on its obligations. The portfolio mitigates its counterparty risk by, among other things, performing a credit analysis of counterparties, allocating transactions among numerous counterparties, and monitoring its exposure to each counterparty. The portfolio may also enter into a Master Securities Forward Transaction Agreement (MSFTA) with certain counterparties and require them to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the portfolio cannot be repledged, resold, or rehypothecated. Under an MSFTA, upon a counterparty default (including bankruptcy), the portfolio may terminate any TBA transactions with that counterparty, determine the net amount owed by either party in accordance with its MSFTA, and sell or retain any collateral held up to the net amount owed to the portfolio under the MSFTA.

4. Mortgage Dollar Rolls: The portfolio enters into mortgage-dollar-roll transactions, in which the portfolio sells mortgage-backed securities to a dealer and simultaneously agrees to purchase similar securities in the future at a predetermined price. The proceeds of the securities sold in mortgage-dollar-roll transactions are typically invested in high-quality short-term fixed income securities. The portfolio forgoes principal and interest paid on the securities sold, and is compensated by interest earned on the proceeds of the sale and by a lower price on the securities to be repurchased. The portfolio also enters into mortgage-dollar-roll transactions in which the portfolio buys mortgage-backed securities from a dealer pursuant to a TBA transaction and simultaneously agrees to sell similar securities in the future at a predetermined price. The securities bought in mortgage-dollar-roll transactions are used to cover an open TBA sell position. The portfolio continues to earn interest on mortgage-backed security pools already held and receives a lower price on the securities to be sold in the future. The portfolio accounts for mortgage-dollar-roll transactions as purchases and sales; as such, these transactions may increase the portfolio's portfolio turnover rate. Amounts to be received or paid in connection with open mortgage dollar rolls are included in Receivables for Investment Securities Sold or Payables for Investment Securities Purchased in the Statement of Assets and Liabilities.

5. Repurchase Agreements: The portfolio enters into repurchase agreements with institutional counterparties. Securities pledged as collateral to the portfolio under repurchase agreements are held by a custodian bank until the agreements mature, and in the absence of a default, such collateral cannot be repledged, resold, or rehypothecated. Each agreement requires that the market value of the collateral be sufficient to cover payments of interest and principal. The portfolio further mitigates its counterparty risk by entering into repurchase agreements only with a diverse group of prequalified counterparties, monitoring their financial strength, and entering into master repurchase agreements with its counterparties. The master repurchase agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any repurchase agreements with that counterparty, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio. Such action may be subject to legal proceedings, which may delay or limit the disposition of collateral.

6. Futures Contracts: The portfolio uses futures contracts to invest in fixed income asset classes with greater efficiency and lower cost than is possible through direct investment, to add value when these instruments are attractively priced, or to adjust sensitivity to changes in interest rates. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of bonds held by the portfolio and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the portfolio trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the portfolio's performance and requires daily settlement of variation margin representing changes in the market value of each contract. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on futures contracts.

During the six months ended June 30, 2022, the portfolio's average investments in long and short futures contracts represented 1% and less than 1% of net assets, respectively, based on the average of the notional amounts at each guarter-end during the period.

7. Forward Currency Contracts: The portfolio enters into forward currency contracts to protect the value of securities and related receivables and payables against changes in future foreign exchange rates. The portfolio's risks in using these contracts include movement in the values of the foreign currencies relative to the U.S. dollar and the ability of the counterparties to fulfill their obligations under the contracts. The portfolio mitigates its counterparty risk by entering into forward currency contracts only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the portfolio cannot be repledged, resold, or rehypothecated. The master netting arrangements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate the forward currency contracts, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the portfolio under the master netting arrangements. The forward currency contracts contain provisions whereby a counterparty may terminate open contracts if the portfolio's

net assets decline below a certain level, triggering a payment by the portfolio if the portfolio is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the portfolio has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the forward currency contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

Forward currency contracts are valued at their quoted daily prices obtained from an independent third party, adjusted for currency risk based on the expiration date of each contract. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on forward currency contracts.

During the six months ended June 30, 2022, the portfolio's average investment in forward currency contracts represented 0% of net assets, based on the average of the notional amounts at each quarter-end during the period. The portfolio had no open forward currency contracts at June 30, 2022.

8. Swap Contracts: The portfolio invests in credit default swaps to adjust the overall credit risk of the portfolio or to actively overweight or underweight credit risk to a specific issuer or group of issuers. The portfolio may sell credit protection through credit default swaps to simulate investments in long positions that are either unavailable or considered to be less attractively priced in the bond market. The portfolio may purchase credit protection through credit default swaps to reduce credit exposure to a given issuer or issuers. Under the terms of the swaps, an up-front payment may be exchanged between the seller and buyer. In addition, the seller of the credit protection receives a periodic payment of premium from the buyer that is a fixed percentage applied to a notional amount. If, for example, the reference entity is subject to a credit event (such as bankruptcy, failure to pay, or obligation acceleration) during the term of the swap, the seller agrees to either physically settle or cash settle the swap contract. If the swap is physically settled, the seller agrees to pay the buyer an amount equal to the notional amount and take delivery of a debt instrument of the reference issuer with a par amount equal to such notional amount. If the swap is cash settled, the seller agrees to pay the buyer the difference between the notional amount and the final price for the relevant debt instrument, as determined either in a market auction or pursuant to a pre-agreed-upon valuation procedure.

The portfolio enters into centrally cleared credit default swaps to achieve the same objectives specified with respect to the equivalent over-the-counter swaps but with less counterparty risk because a regulated clearinghouse is the counterparty instead of the clearing broker or executing broker. The clearinghouse imposes initial margin requirements to secure the portfolio's performance, and requires daily settlement of variation margin representing changes in the market value of each contract. To further mitigate counterparty risk, the portfolio trades with a diverse group of prequalified executing brokers; monitors the financial strength of its clearing brokers, executing brokers, and clearinghouse; and has entered into agreements with its clearing brokers and executing brokers.

The primary risk associated with selling credit protection is that, upon the occurrence of a defined credit event, the market value of the debt instrument received by the portfolio (or, in a cash settled swap, the debt instruments used to determine the settlement payment by the portfolio) will be significantly less than the amount paid by the portfolio and, in a physically settled swap, the portfolio may receive an illiquid debt instrument. A risk associated with all types of swaps is the possibility that a counterparty may default on its obligation to pay net amounts due to the portfolio. The portfolio's maximum amount subject to counterparty risk is the unrealized appreciation on the swap contract. The portfolio mitigates its counterparty risk by entering into swaps only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the portfolio cannot be repledged, resold, or rehypothecated. In the event of a counterparty's default (including bankruptcy), the portfolio may terminate any swap contracts with that counterparty, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the portfolio under the master netting arrangements. The swap contracts contain provisions whereby a counterparty may terminate open contracts if the portfolio's net assets decline below a certain level, triggering a payment by the portfolio if the portfolio is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the portfolio has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the swap contracts exposure with each

counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

The notional amounts of swap contracts are not recorded in the Statement of Assets and Liabilities. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the seller of credit protection is required to take delivery (or, in a cash settled swap, pay the settlement amount determined) upon occurrence of a credit event, periodic payments are made, or the swap terminates, at which time realized gain (loss) is recorded. The net premium to be received or paid by the portfolio under swap contracts is accrued daily and recorded as realized gain (loss) over the life of the contract.

During the six months ended June 30, 2022, the portfolio's average amounts of investments in credit protection sold and credit protection purchased represented less than 1% of net assets, based on the average of the notional amounts at each quarter-end during the period.

9. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

10. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

11. Securities Lending: To earn additional income, the portfolio lends its securities to gualified institutional borrowers. Security loans are subject to termination by the portfolio at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than the value of the collateral received. When this occurs, the collateral is adjusted and settled on the next business day. The portfolio further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of pregualified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the portfolio may experience delays and costs in recovering the securities loaned. The portfolio invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the portfolio is entitled to all distributions made on or in respect of the loaned securities.

12. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow

money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

13. Other: Dividend income is recorded on the ex-dividend date. Non-cash dividends included in income, if any, are recorded at the fair value of the securities received. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities are amortized and accreted, respectively, to interest income over the lives of the respective securities, except for premiums on certain callable debt securities that are amortized to the earliest call date. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

Taxes on foreign dividends and capital gains have been provided for in accordance with the portfolio's understanding of the applicable countries' tax rules and rates. Deferred foreign capital gains tax, if any, is accrued daily based upon net unrealized gains. The portfolio has filed tax reclaims for previously withheld taxes on dividends earned in certain European Union countries. These filings are subject to various administrative and judicial proceedings within these countries. Such tax reclaims received and related professional fees incurred during the year, if any, are included in dividend income and other expenses, respectively. No other amounts for additional tax reclaims are reflected in the financial statements due to the uncertainty as to the ultimate resolution of proceedings, the likelihood of receipt of these reclaims, and the potential timing of payment.

B. Wellington Management Company LLP provides investment advisory services to the portfolio for a fee calculated at an annual percentage rate of average net assets. The basic fee is subject to quarterly adjustments based on the portfolio's performance relative to the combined index comprising the S&P 500 Index and the Bloomberg Barclays U.S. Credit A or Better Bond Index for the preceding three years. For the six months ended June 30, 2022, the investment advisory fee represented an effective annual basic rate of 0.05% of the portfolio's average net assets, before a net decrease of \$102,000 (0.01%) based on performance.

C. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$117,000, representing less than 0.01% of the portfolio's net assets and 0.05% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

D. The portfolio has asked its investment advisors to direct certain security trades, subject to obtaining the best price and execution, to brokers who have agreed to rebate to the portfolio part of the commissions generated. Such rebates are used solely to reduce the portfolio's management and administrative expenses. For the period ended June 30, 2022, these arrangements reduced the portfolio's expenses by \$1,000 (an annual rate of less than 0.01% of average net assets).

E. Various inputs may be used to determine the value of the portfolio's investments and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

The following table summarizes the market value of the portfolio's investments and derivatives as of June 30, 2022, based on the inputs used to value them:

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)	Total (\$000)
Investments				
Assets				
Common Stocks	1,791,710	185,991	_	1,977,701
U.S. Government and Agency Obligations	_	264,958	_	264,958
Asset-Backed/Commercial Mortgage-Backed Securities	_	28,032	_	28,032
Corporate Bonds	—	676,609	—	676,609
Sovereign Bonds	_	12,015	—	12,015
Taxable Municipal Bonds	_	53,831	—	53,831
Temporary Cash Investments	12	58,400	—	58,412
Total	1,791,722	1,279,836	—	3,071,558
Derivative Financial Instruments				
Assets				
Futures Contracts ¹	58	—	—	58
Liabilities				
Futures Contracts ¹	169	—	—	169
Swap Contracts	218	—	_	218
Total	387	_	_	387

1 Includes cumulative appreciation (depreciation) on futures contracts and centrally cleared swaps, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

F. At June 30, 2022, the fair values of derivatives were reflected in the Statement of Assets and Liabilities as follows:

Statement of Assets and Liabilities	Interest Rate Contracts (\$000)	Foreign Exchange Contracts (\$000)	Credit Contracts (\$000)	Total (\$000)
Unrealized Appreciation—Futures Contracts[CandidateRowToEvaluate] ¹	58	_	_	58
Total Assets[CandidateRowToEvaluate]	58	_	_	58
Unrealized Depreciation—Futures Contracts[CandidateRowToEvaluate] ¹	169			169
Unrealized Depreciation—Centrally Cleared Swap Contracts[CandidateRowToEvaluate] ¹	_	_	218	218
Total Liabilities[CandidateRowToEvaluate]	169	_	218	387

1 Includes cumulative appreciation (depreciation) on futures contracts and centrally cleared swaps, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

Realized net gain (loss) and the change in unrealized appreciation (depreciation) on derivatives for the six months ended June 30, 2022, were:

Realized Net Gain (Loss) on Derivatives	Interest Rate Contracts (\$000)	Foreign Exchange Contracts (\$000)	Credit Contracts (\$000)	Total (\$000)
Futures Contracts	(2,529)	_	_	(2,529)
Swap Contracts	_	_	110	110
Forward Currency Contracts	_	(12)	_	(12)
Realized Net Gain (Loss) on Derivatives	(2,529)	(12)	110	(2,431)
Change in Unrealized Appreciation (Depreciation)	on Derivatives			
Futures Contracts	(244)	_	_	(244)
Swap Contracts	_	_	(218)	(218)
Change in Unrealized Appreciation (Depreciation) on Derivatives	(244)	_	(218)	(462)

G. As of June 30, 2022, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	2,806,225
Gross Unrealized Appreciation	499,710
Gross Unrealized Depreciation	(234,706)
Net Unrealized Appreciation (Depreciation)	265,004

H. During the six months ended June 30, 2022, the portfolio purchased \$324,694,000 of investment securities and sold \$401,742,000 of investment securities, other than U.S. government securities and temporary cash investments. Purchases and sales of U.S. government securities were \$289,442,000 and \$299,218,000, respectively.

I. Capital shares issued and redeemed were:

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	Shares (000)	Shares (000)
Issued	4,471	9,605
Issued in Lieu of Cash Distributions	15,732	9,716
Redeemed	(10,463)	(16,345)
Net Increase (Decrease) in Shares Outstanding	9,740	2,976

J. At June 30, 2022, one shareholder (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 68% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

K. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Balanced Portfolio has renewed the portfolio's investment advisory arrangement with Wellington Management Company LLP (Wellington Management). The board determined that renewing the portfolio's advisory arrangement was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term; it also took into account the organizational depth and stability of the advisor. The board considered that Wellington Management, founded in 1928, is among the nation's oldest and most respected institutional investment managers. The portfolio managers leverage tenured teams of equity and fixed income research analysts who conduct detailed fundamental analysis of their respective industries and companies. In managing the equity portion of the portfolio, the advisor employs a bottom-up, fundamental research approach focusing on high-quality companies with above-average yields, strong balance sheets, sustainable competitive advantages, and attractive valuations. In managing the fixed income portion of the portfolio, the advisor focuses on investment-grade corporate bonds. The firm has advised the portfolio since its inception in 1991.

The board concluded that the advisor's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with a relevant benchmark index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory fee rate was also below the peer-group average.

The board did not consider the profitability of Wellington Management in determining whether to approve the advisory fee, because Wellington Management is independent of Vanguard and the advisory fee is the result of arm's-length negotiations.

The benefit of economies of scale

The board concluded that the portfolio's shareholders benefit from economies of scale because of breakpoints in the portfolio's advisory fee schedule. The breakpoints reduce the effective rate of the fee as the portfolio's assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the Balanced Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Annuity and Insurance Services > 800-522-5555

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Equity Index Portfolio

Contents

About Your Portfolio's Expenses	1
Financial Statements	3
Trustees Approve Advisory Arrangement1	5
Liquidity Risk Management1	6

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Six Months Ended June 30, 2022

Equity Index Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$ 799.80	\$0.62
Based on Hypothetical 5% Yearly Return	1,000.00	1,024.10	0.70

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.14%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Equity Index Portfolio

Portfolio Allocation

As of June 30, 2022

Communication Services	8.9%
Consumer Discretionary	10.5
Consumer Staples	7.0
Energy	4.4
Financials	10.8
Health Care	15.2
Industrials	7.8
Information Technology	26.8
Materials	2.6
Real Estate	2.9
Utilities	3.1

The table reflects the portfolio's investments, except for short-term investments and derivatives. Sector categories are based on the Global Industry Classification Standard ("GICS"), except for the "Other" category (if applicable), which includes securities that have not been provided a GICS classification as of the effective reporting period.

The portfolio may invest in derivatives (such as futures and swap contracts) for various reasons, including, but not limited to, attempting to remain fully invested and tracking its target index as closely as possible.

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard and Poor's, a division of McGraw-Hill Companies, Inc. ("S&P"), and is licensed for use by Vanguard. Neither MSCI, S&P nor any third party involved in making or compiling the GICS or any GICS classification makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of its affiliates or any third party involved in making or compiling the GICS or any GICS classification have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

			Market Value•
_	2: 1 (22.22())	Shares	(\$000)
	ommon Stocks (99.3%)		
Cc *	ommunication Services (8.8%)		
*	Alphabet Inc. Class A	69,399	151,238
*	Alphabet Inc. Class C	64,096	140,207
	Meta Platforms Inc. Class A	531,030	85,629
	Verizon Communications Inc.	972,381	49,348
÷	Comcast Corp. Class A	1,035,090	40,617
	Walt Disney Co.	421,732	39,811
÷	AT&T Inc.	1,657,615	34,744
÷	T-Mobile US Inc.	136,419	18,354
	Netflix Inc.	102,863	17,988
	Activision Blizzard Inc.	181,027	14,095
	Charter Communications Inc. Class A	26,816	12,564
	Electronic Arts Inc.	65,108	7,920
	Warner Bros Discovery Inc.	511,357	6,862
	Twitter Inc.	176,593	6,603
	Match Group Inc.	66,106	4,607
	Take-Two Interactive Software Inc.	36,599	4,484
	Paramount Global Class B	140,854	3,476
	Omnicom Group Inc.	47,620	3,029
	Live Nation Entertainment Inc.	31,700	2,618
	Interpublic Group of Cos. Inc.	91,332	2,514
	Lumen Technologies Inc.	215,269	2,349
	Fox Corp. Class A	73,007	2,348
	News Corp. Class A	89,102	1,388
	DISH Network Corp. Class A	57,841	1,037
	Fox Corp. Class B	32,514	966
	News Corp. Class B	29,118	463
			655,259
-0	onsumer Discretionary (10.5%)	0.005.004	015 170
	Amazon.com Inc.	2,025,964	215,178
	Tesla Inc.	194,301	130,846
	Home Depot Inc.	239,267	65,624
	McDonald's Corp.	171,227	42,273
	NIKE Inc. Class B	293,752	30,021
	Lowe's Cos. Inc.	153,078	26,738
	Starbucks Corp.	265,630	20,291
	Booking Holdings Inc.	9,405	16,449
	TJX Cos. Inc.	271,931	15,187
	Target Corp.	107,067	15,121
	Dollar General Corp.	52,972	13,001
	General Motors Co.	337,601	10,722
÷	Ford Motor Co.	914,351	10,177
	AutoZone Inc.	4,596	9,877
	O'Reilly Automotive Inc.	15,218	9,614
÷	Marriott International Inc. Class A	63,644	8,656
	Chipotle Mexican Grill Inc.	6,473	8,462
	Dollar Tree Inc.	52,122	8,123
	Yum! Brands Inc.	66,013	7,493
	Hilton Worldwide Holdings Inc.	64,430	7,180
	Ross Stores Inc.	81,336	5,712
	Aptiv plc	62,738	5,588
	eBay Inc.	129,601	5,400
	Tractor Supply Co.	25,905	5,022
		74,165	4,909
	DR Horton Inc.	,	
		12,092	4,661
÷	DR Horton Inc.		
	DR Horton Inc. Ulta Beauty Inc.	12,092	4,661

		Shares	Market Value• (\$000)
*	CarMax Inc.	37,147	3,361
*	Expedia Group Inc.	35,089	3,328
	VF Corp.	74,818	3,305
	Darden Restaurants Inc.	28,865	3,265
	Pool Corp.	9,289	3,263
	Domino's Pizza Inc.	8,344	3,252
	Best Buy Co. Inc.	46,881	3,056
	LKQ Corp.	60,246	2,958
*	NVR Inc.	716	2,867
*	Las Vegas Sands Corp.	79,781	2,680
	Hasbro Inc.	30,345	2,485
	Advance Auto Parts Inc.	14,144	2,448
	MGM Resorts International	81,816	2,369
	PulteGroup Inc.	55,016	2,180
*	Etsy Inc.	29,468	2,157
	Whirlpool Corp.	13,011	2,015
*	Caesars Entertainment Inc.	49,655	1,902
	BorgWarner Inc.	55,320	1,846
*	Royal Caribbean Cruises Ltd.	52,075	1,818
	Tapestry Inc.	58,260	1,778
*	Carnival Corp.	188,002	1,626
	Newell Brands Inc.	85,205	1,622
	Bath & Body Works Inc.	55,211	1,486
*	Mohawk Industries Inc.	11,916	1,479
*	Wynn Resorts Ltd.	24,540	1,398
*	Penn National Gaming Inc.	37,814	1,150
*	Norwegian Cruise Line Holdings Ltd.	96,550	1,074
	Ralph Lauren Corp.	10,781	967
	PVH Corp.	15,618	889
	Lennar Corp. Class B	1,026 _	60
Сс	onsumer Staples (6.9%)		778,402
	Procter & Gamble Co.	555,533	79,880
	Coca-Cola Co.	903,373	56,831
	PepsiCo Inc.	320,154	53,357
	Costco Wholesale Corp.	102,624	49,186
	Walmart Inc.	325,065	39,522
	Philip Morris International Inc.	358,912	35,439
	Mondelez International Inc. Class A	320,362	19,891
	Altria Group Inc.	419,210	17,510
	Colgate-Palmolive Co.	194,014	15,548
	Estee Lauder Cos. Inc. Class A	53,693	13,674
	Kimberly-Clark Corp.	78,010	10,543
	General Mills Inc.	139,441	10,521
	Archer-Daniels-Midland Co.	130,292	10,111
	Sysco Corp.	117,963	9,993
×	Constellation Brands Inc. Class A	37,686	8,783
	Monster Beverage Corp.	87,072	8,072
	Hershey Co.	33,804	7,273
	Kroger Co.	151,903	7,190
	Walgreens Boots Alliance Inc.	165,999	6,291
	Kraft Heinz Co.	164,384	6,270
	Keurig Dr Pepper Inc.	170,791	6,044
	Tyson Foods Inc. Class A	67,481	5,808
	Church & Dwight Co. Inc.	56,199	5,207
	McCormick & Co. Inc. (Non-Voting)	57,937	4,823
	Kellogg Co.	58,676	4,186
	Clorox Co.	28,508	4,019
	Conagra Brands Inc.	111,138	3,805

		Market
	Shares	Value* (\$000)
J M Smucker Co.	25,120	3,216
Hormel Foods Corp.	65,624	3,108
Brown-Forman Corp. Class B	42,391	2,974
Lamb Weston Holdings Inc.	33,503	2,394
Molson Coors Beverage Co. Class B	43,465	2,369
Campbell Soup Co.	46,784	2,248
		516,086
Energy (4.3%) Exxon Mobil Corp.	075 201	02 522
Chevron Corp.	975,381 454,935	83,532 65,865
ConocoPhillips	299,489	26,897
EOG Resources Inc.	135,617	14,978
Occidental Petroleum Corp.	206,146	12,138
Schlumberger NV	327,279	11,703
Pioneer Natural Resources Co.	52,102	11,623
Marathon Petroleum Corp.	125,261	10,298
Valero Energy Corp. Phillips 66	94,491 111 205	10,042 9,133
Williams Cos. Inc.	111,395 282,015	8,802
Devon Energy Corp.	142,121	7,832
Kinder Morgan Inc.	451,505	7,567
Hess Corp.	64,139	6,795
Halliburton Co.	208,851	6,550
Baker Hughes Co.	216,575	6,253
ONEOK Inc.	103,403	5,739
Coterra Energy Inc. Diamondback Energy Inc.	186,573 38,629	4,812 4,680
Marathon Oil Corp.	163,850	3,683
APA Corp.	78,308	2,733
	-	321,655
Financials (10.8%)		,
* Berkshire Hathaway Inc. Class B	388,032	105,940
JPMorgan Chase & Co.	680,044	76,580
Bank of America Corp. Wells Fargo & Co.	1,641,624	51,104 34,376
S&P Global Inc.	877,617 80,366	27,088
Morgan Stanley	324,019	24,645
Goldman Sachs Group Inc.	79,520	23,619
Charles Schwab Corp.	349,194	22,062
Citigroup Inc.	449,634	20,679
BlackRock Inc.	32,972	20,081
American Express Co. Chubb Ltd.	141,233 98,103	19,578 19,285
Marsh & McLennan Cos. Inc.	116,203	18,041
CME Group Inc.	83,218	17,035
Progressive Corp.	135,418	15,745
PNC Financial Services Group Inc.	95,756	15,107
Truist Financial Corp.	308,346	14,625
US Bancorp Aon plc Class A	313,040 49,172	14,406 13,261
Intercontinental Exchange Inc.	129,256	12,155
Moody's Corp.	37,163	10,107
MetLife Inc.	160,034	10,049
Capital One Financial Corp.	91,009	9,482
Travelers Cos. Inc.	55,557	9,396
American International Group Inc.	183,419	9,378
Prudential Financial Inc. * Berkshire Hathaway Inc. Class A	86,824 20	8,307 8,179
Allstate Corp.	63,665	8,068
Arthur J Gallagher & Co.	48,628	7,928
MSCI Inc.	18,789	7,744
Aflac Inc.	137,205	7,592
Bank of New York Mellon Corp.	172,069	7,177
M&T Bank Corp.	41,539	6,621
Discover Financial Services Ameriprise Financial Inc.	65,052 25,444	6,153 6,048
First Republic Bank	41,548	5,991
T. Rowe Price Group Inc.	52,622	5,978
		-

		Charao	Market Value•
_		Shares	(\$000)
*	SVB Financial Group	13,625	5,382
	Fifth Third Bancorp	158,819	5,336
	State Street Corp. Willis Towers Watson plc	84,997	5,240
	Hartford Financial Services Group Inc.	25,810 76,128	5,095 4,981
	Northern Trust Corp.	48,245	4,655
	Cincinnati Financial Corp.	34,580	4,114
	Nasdaq Inc.	26,682	4,070
	Regions Financial Corp.	216,338	4,056
	Citizens Financial Group Inc.	113,537	4,052
	Raymond James Financial Inc.	45,027	4,026
	Huntington Bancshares Inc.	333,132	4,008
	KeyCorp Principal Financial Group Inc.	215,826 54,391	3,719 3,633
	FactSet Research Systems Inc.	8,772	3,373
	W R Berkley Corp.	48,554	3,314
	Synchrony Financial	116,109	3,207
	Brown & Brown Inc.	54,372	3,172
	Cboe Global Markets Inc.	24,605	2,785
	Loews Corp.	45,005	2,667
	Signature Bank	14,567	2,611
	Everest Re Group Ltd.	9,138	2,561
	MarketAxess Holdings Inc. Comerica Inc.	8,719	2,232
	Assurant Inc.	30,350 12,514	2,227 2,163
	Globe Life Inc.	20,988	2,046
	Zions Bancorp NA	35,113	1,787
	Lincoln National Corp.	37,412	1,750
	Franklin Resources Inc.	65,071	1,517
	Invesco Ltd.	77,932 _	1,257
He	ealth Care (15.0%)		800,646
	UnitedHealth Group Inc.	217,225	111,573
	Johnson & Johnson	609,279	108,153
	Pfizer Inc.	1,299,155	68,115
	AbbVie Inc. Eli Lilly & Co.	409,158 182,601	62,667 59,205
	Merck & Co. Inc.	585,524	53,382
	Thermo Fisher Scientific Inc.	90,640	49,243
	Abbott Laboratories	405,414	44,048
	Danaher Corp.	149,830	37,985
	Bristol-Myers Squibb Co.	492,964	37,958
	Amgen Inc.	123,689	30,094
	CVS Health Corp.	303,621	28,134
	Medtronic plc Elevance Health Inc.	310,620 55,820	27,878 26,938
	Cigna Corp.	73,461	19,358
	Zoetis Inc.	108,968	18,730
	Gilead Sciences Inc.	290,425	17,951
*	Vertex Pharmaceuticals Inc.	59,217	16,687
*	Intuitive Surgical Inc.	83,111	16,681
	Becton Dickinson & Co.	66,004	16,272
*	Stryker Corp.	77,925	15,502
	Regeneron Pharmaceuticals Inc.	25,013	14,786
*	Humana Inc.	29,288	13,709
*	Edwards Lifesciences Corp. Boston Scientific Corp.	143,905 330,994	13,684 12,336
*	Centene Corp.	135,422	11,458
*	Moderna Inc.	80,125	11,446
	McKesson Corp.	33,658	10,980
*	IQVIA Holdings Inc.	43,824	9,509
	HCA Healthcare Inc.	52,679	8,853
	Agilent Technologies Inc.	69,486	8,253
	Baxter International Inc.	116,583	7,488
*	ResMed Inc.	33,870	7,100
*	Biogen Inc. IDEXX Laboratories Inc.	33,896	6,913
*	Dexcom Inc.	19,450 90,875	6,822 6,773
*	Illumina Inc.	36,374	6,706

			Market
		Shares	Value• (\$000)
*	Mettler-Toledo International Inc.	5,251	6,032
	West Pharmaceutical Services Inc.	17,151	5,186
	Zimmer Biomet Holdings Inc.	48,525	5,098
	Laboratory Corp. of America Holdings AmerisourceBergen Corp.	21,484 34,921	5,035 4,941
	STERIS plc	23,182	4,779
*	Waters Corp.	13,947	4,616
*	Catalent Inc.	41,492	4,452
*	PerkinElmer Inc.	29,228	4,157
*	Align Technology Inc. Hologic Inc.	16,981 57,683	4,019 3,997
*	Molina Healthcare Inc.	13,590	3,800
	Quest Diagnostics Inc.	27,172	3,613
	Cooper Cos. Inc.	11,421	3,576
*	Incyte Corp.	43,623	3,314
	Cardinal Health Inc.	63,063	3,296
	Bio-Techne Corp. Viatris Inc.	9,064 280,696	3,142 2,939
	Teleflex Inc.	10,866	2,671
*	ABIOMED Inc.	10,563	2,614
*	Charles River Laboratories International Inc.	11,761	2,516
*	Bio-Rad Laboratories Inc. Class A	5,016	2,483
	Henry Schein Inc. Organon & Co.	32,000 58,657	2,456 1,980
	DENTSPLY SIRONA Inc.	49,876	1,980
	Universal Health Services Inc. Class B	15,538	1,565
*	DaVita Inc.	14,000	1,119
In	dustrials (7.8%)	_	1,118,548
	Raytheon Technologies Corp.	344,357	33,096
	United Parcel Service Inc. Class B	170,054	31,042
	Union Pacific Corp.	145,417	31,015
	Honeywell International Inc.	157,617	27,395
	Lockheed Martin Corp.	54,838	23,578
	Caterpillar Inc. Deere & Co.	123,499 64,640	22,077 19,358
*	Boeing Co.	128,765	17,605
	3M Co.	131,777	17,053
	General Electric Co.	254,843	16,226
	Northrop Grumman Corp.	33,826	16,188
	CSX Corp. Waste Management Inc.	503,445 88,448	14,630 13,531
	Norfolk Southern Corp.	55,187	12,543
	FedEx Corp.	55,208	12,516
	Illinois Tool Works Inc.	65,630	11,961
	General Dynamics Corp.	53,372	11,809
	Eaton Corp. plc Emerson Electric Co.	92,383 137,533	11,639 10,939
	L3Harris Technologies Inc.	44,659	10,794
	Johnson Controls International plc	161,080	7,713
	Cintas Corp.	20,138	7,522
	Parker-Hannifin Corp.	29,725	7,314
	Trane Technologies plc Carrier Global Corp.	54,150	7,033 7,004
	Otis Worldwide Corp.	196,411 97,852	7,004 6,915
	Fastenal Co.	133,291	6,654
	PACCAR Inc.	80,511	6,629
*	TransDigm Group Inc.	12,006	6,443
	Verisk Analytics Inc.	36,556	6,328
	Cummins Inc. Republic Services Inc.	32,673 48,308	6,323 6,322
	AMETEK Inc.	53,512	5,880
	Old Dominion Freight Line Inc.	21,260	5,449
*	Copart Inc.	49,487	5,377
	Rockwell Automation Inc.	26,917	5,365
*	Equifax Inc.	28,321	5,177
	Southwest Airlines Co. WW Grainger Inc.	137,316 9,940	4,960 4,517
	Fortive Corp.	83,000	4,517

		Shares	Market Value• (\$000)
*	Delta Air Lines Inc.	148,441	4,300
	Quanta Services Inc.	33,273	4,170
*	Dover Corp.	33,382	4,050
-	United Rentals Inc.	16,581	4,028
	Ingersoll Rand Inc.	94,050	3,958
	Jacobs Engineering Group Inc. Expeditors International of Washington Inc.	29,814 38,838	3,790 3,785
	Stanley Black & Decker Inc.	34,954	3,665
	Westinghouse Air Brake Technologies Corp.	42,292	3,471
	Xylem Inc.	41,606	3,253
	IDEX Corp.	17,624	3,201
	Leidos Holdings Inc.	31,639	3,186
	Generac Holdings Inc.	14,778	3,112
	JB Hunt Transport Services Inc. Textron Inc.	19,388	3,053
	CH Robinson Worldwide Inc.	49,798 29,466	3,041 2,987
	Masco Corp.	54,628	2,764
	Howmet Aerospace Inc.	87,078	2,739
*	United Airlines Holdings Inc.	75,640	2,679
	Nordson Corp.	12,500	2,531
	Snap-on Inc.	12,329	2,429
	Huntington Ingalls Industries Inc.	9,260	2,017
	Allegion plc Nielsen Holdings plc	20,330 83,406	1,990 1,937
	Robert Half International Inc.	25,583	1,916
*	American Airlines Group Inc.	150,472	1,908
	Rollins Inc.	52,319	1,827
	Fortune Brands Home & Security Inc.	30,282	1,813
	Pentair plc	38,174	1,747
*	A O Smith Corp.	30,109	1,646
	Alaska Air Group Inc.	29,113	1,166
L.			576,593
In	formationTechnology (26.6%) Apple Inc.	3,560,141	106 712
	Microsoft Corp.	1,731,691	486,742 444,750
	NVIDIA Corp.	579,776	87,888
	Visa Inc. Class A	381,049	75,025
	Mastercard Inc. Class A	198,842	62,731
	Broadcom Inc.	94,533	45,925
	Cisco Systems Inc.	961,819	41,012
*	Accenture plc Class A Adobe Inc.	146,657 109,399	40,719 40,047
*	Salesforce Inc.	230,034	37,965
	Intel Corp.	946,771	35,419
	QUALCOMM Inc.	259,323	33,126
	Texas Instruments Inc.	213,512	32,806
Ū	International Business Machines Corp.	208,254	29,403
	Advanced Micro Devices Inc.	375,208	28,692
	Oracle Corp. Intuit Inc.	364,479	25,466
*	ServiceNow Inc.	65,478 46,411	25,238 22,069
	Automatic Data Processing Inc.	96,722	20,315
*	PayPal Holdings Inc.	268,126	18,726
	Applied Materials Inc.	204,537	18,609
	Analog Devices Inc.	121,128	17,696
	Micron Technology Inc.	258,637	14,297
	Lam Research Corp.	32,117	13,687
*	Fidelity National Information Services Inc.	141,416	12,964
	Fiserv Inc. KLA Corp.	134,694 34,552	11,984 11,025
*	Synopsys Inc.	35,457	10,768
	Roper Technologies Inc.	24,518	9,676
*	Cadence Design Systems Inc.	63,839	9,578
	NXP Semiconductors NV	60,792	8,999
*	Amphenol Corp. Class A	138,156	8,894
*	Fortinet Inc.	154,235	8,727
	Autodesk Inc. Paychex Inc.	50,359 74,390	8,660 8,471
	TE Connectivity Ltd.	74,590	8,440
		,4,002	5,170

			Market Value•
		Shares	(\$000)
	Cognizant Technology Solutions Corp. Class A	120,667	8,144
	Motorola Solutions Inc. HP Inc.	38,726	8,117
	Microchip Technology Inc.	243,885 128,723	7,995 7,476
	Global Payments Inc.	65,185	7,212
*	Enphase Energy Inc.	31,263	6,104
*	Keysight Technologies Inc.	42,127	5,807
*	Corning Inc.	175,997	5,546
	ON Semiconductor Corp.	100,600	5,061
*	CDW Corp. Arista Networks Inc.	31,319 52,087	4,935 4,883
*	ANSYS Inc.	20,134	4,818
*	Gartner Inc.	18,646	4,509
*	Teledyne Technologies Inc.	10,844	4,068
	Hewlett Packard Enterprise Co.	301,019	3,991
*	EPAM Systems Inc.	13,232	3,901
	Monolithic Power Systems Inc. Broadridge Financial Solutions Inc.	10,151	3,898
*	FleetCorTechnologies Inc.	27,135 17,905	3,868 3,762
*	VeriSign Inc.	22,064	3,692
*	Zebra Technologies Corp. Class A	12,157	3,574
*	SolarEdge Technologies Inc.	12,824	3,510
J	Skyworks Solutions Inc.	37,255	3,451
*	Akamai Technologies Inc.	37,108	3,389
	Trimble Inc.	57,918	3,373
	NetApp Inc. Teradyne Inc.	51,521 37,088	3,361 3,321
	Seagate Technology Holdings plc	45,762	3,269
*	Western Digital Corp.	72,503	3,250
*	Tyler Technologies Inc.	9,596	3,190
*	Paycom Software Inc.	11,162	3,127
	Jack Henry & Associates Inc.	16,889	3,040
	NortonLifeLock Inc.	134,932	2,963
*	Citrix Systems Inc. PTC Inc.	28,950 24,436	2,813 2,598
*	Qorvo Inc.	25,170	2,338
*	F5 Inc.	14,031	2,147
	Juniper Networks Inc.	75,025	2,138
*	DXC Technology Co.	56,613	1,716
*	Ceridian HCM Holding Inc.	31,773 _	1,496 1,982,426
М	aterials (2.6%)		1,302,420
	Linde plc	116,537	33,508
	Sherwin-Williams Co.	55,416	12,408
	Air Products and Chemicals Inc.	51,355	12,350
	Newmont Corp.	183,767	10,965
	Freeport-McMoRan Inc. Corteva Inc.	335,564 167,502	9,819 9,069
	Ecolab Inc.	57,531	8,846
	Dow Inc.	168,612	8,702
	International Flavors & Fragrances Inc.	59,012	7,029
	DuPont de Nemours Inc.	117,770	6,546
	Nucor Corp.	61,607	6,432
	PPG Industries Inc.	54,651	6,249
	Albemarle Corp.	27,117	5,667
	LyondellBasell Industries NV Class A Ball Corp.	59,944 74,045	5,243 5,092
	Vulcan Materials Co.	30,771	4,373
	Amcor plc	347,964	4,325
	Martin Marietta Materials Inc.	14,442	4,322
	CF Industries Holdings Inc.	48,303	4,141
	Mosaic Co.	83,820	3,959
	International Paper Co.	85,828	3,590
	FMC Corp.	29,112	3,115
	Avery Dennison Corp. Packaging Corp. of America	18,920 21 698	3,063
	Celanese Corp.	21,698 25,086	2,983 2,950
	Eastman Chemical Co.	29,773	2,673
		-, -	

Westrock Co. 59,021 2,351 Sealed Air Corp. 33,828 1,952 Real Estate (2.9%) 191722 Real Estate (2.9%) 100,262 16,882 Equinix Inc. 20,165 13,847 Public Storage 35,557 11,055 Real Estate (2.9%) 100,262 16,882 Equinix Inc. 21,075 13,847 Public Storage 35,557 11,055 Realty Income Corp. 139,278 9,507 Welltower Inc. 105,107 8,656 Digital Reatry Trust Inc. 65,909 8,557 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 22,335 6,641 Avaion8ay Communities Inc. 32,367 6,287 Avaion6ay Computies Inc. 12,448 5,710 Verta Storage Inc. 31,088 5,729 Alexandria Real Estate Equities Inc. 34,882 4,860 Duke Realty Corp. 89,005 4,891 Vertas Inc. 62,524 4,759		Shares	Market Value• (\$000)	
Sealed Air Corp. 33,828 1,952 Real Estate (2.9%) American Tower Corp. 107,595 27,500 Prologis Inc. 171,397 20,165 Crown Castle International Corp. 100,225 16,887 Public Storage 95,357 11,055 Realt Vincen Corp. 139,278 9,507 Welltower Inc. 105,107 8,656 Digital Realty Trust Inc. 65,090 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 32,367 6,287 Equity Residential 79,224 5,722 Wayenhaeuser Co. 172,448 5,711 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,382 Duke Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust Inc. 15,233 <t< td=""><td>Westrock Co</td><td></td><td></td></t<>	Westrock Co			
Real Estate (2.9%) 107,595 27,500 American Tower Corp. 100,262 16,882 Equinix Inc. 21,075 13,847 Public Storage 35,357 11,055 Realty Income Corp. 139,278 9,507 Welltower Inc. 05,107 8,656 Digital Realty Trust Inc. 65,009 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 22,335 6,641 Avaion8ay Communities Inc. 32,337 5,772 Veryethaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 7,5673 5,573 Equity Residential 79,224 5,722 Weythaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 7,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 24,542 4,759 Mic4-America Apartment Communities Inc. 26,719 4,667 Iron Mo				
Real Estate (2.9%) 107,595 27,500 American Tower Corp. 100,262 16,882 Equinix Inc. 21,075 13,847 Public Storage 35,357 11,055 Realty Income Corp. 139,278 9,507 Welltower Inc. 05,107 8,656 Digital Realty Trust Inc. 65,009 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 22,335 6,641 Avaion8ay Communities Inc. 32,337 5,772 Veryethaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 7,5673 5,573 Equity Residential 79,224 5,722 Weythaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 7,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 24,542 4,759 Mic4-America Apartment Communities Inc. 26,719 4,667 Iron Mo		-	191,722	
Prologis Inc. 171,997 20,165 Crown Castle International Corp. 100,262 16,882 Equinix Inc. 21,075 13,847 Public Storage 35,357 110,055 Bealty Income Corp. 139,278 9,507 Welltower Inc. 106,107 8,656 Digital Realty Trust Inc. 66,909 8,557 SBA Communications Corp. 22,495 6,641 VICI Properties Inc. 32,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,570 Extra Space Storage Inc. 31,088 5,289 Duke Realty Corp. 89,005 4,891 Ventas Inc. 22,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust 24,662 3,313 Iron Mountain Inc. 67,267 3,275 Heathtpeak Properties Inc. 125,044 3,403 UDR Inc. 63,505 2,1303 Rederal Realty Or P. 165,566<	Real Estate (2.9%)			
Crown Castle International Corp. 100,262 16,882 Equinix Inc. 21,075 13,847 Public Storage 33,3278 9,507 Weltower Inc. 105,107 8,656 Digital Realty Trust Inc. 65,009 8,557 SBA Communications Corp. 24,965 7990 Simon Property Group Inc. 76,020 7216 VICI Properties Inc. 222,935 6,641 AvaionBay Communities Inc. 23,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 24,965 123,345 Uwertas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 126,343 3,400 Iron Mountain Inc. 67,267 3,275 Iron Mountain Inc. 66,354 3,193 Boston Properties Inc. 126,044 3,240				
Equinix Inc. 21,075 13,847 Public Storage 33,357 11,055 Realty Income Corp. 139,278 9,507 Welltower Inc. 106,107 8,656 Digital Realty Trust Inc. 65,009 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 22,2335 6,641 AvaionBay Communities Inc. 23,367 5,570 Extra Space Storage Inc. 31,088 5,289 Duke Realty Corp. 89,005 4,891 Ventas Inc. 22,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust Inc. 63,345 3,913 Iron Mountain Inc. 62,654 3,913 Boston Properties Inc. 125,044 3,240 UDR Inc. 69,354 1,939 Most Hotels & Resorts Inc. 16,536 1,853 Nornado Realty Corp.	6			
Public Storage 35,357 11,055 Realty Income Corp. 133,278 9,507 Welltower Inc. 105,107 8,656 Digital Realty Trust Inc. 65,909 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 32,367 6,841 AvaionBay Communities Inc. 32,367 6,873 CBRE Group Inc. Class A 75,673 5,770 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,861 Ubuk Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust Inc. 125,044 3,240 UDR Inc. 63,354 3,193 Boston Properties Inc. 125,044 3,240 UDR Inc. 63,552 2,597 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 78				
Realty Income Corp. 139,278 9,507 Welltower Inc. 105,107 8,656 Digital Realty Trust Inc. 65,909 8,557 SBA Communications Corp. 24,965 7,990 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 222,935 6,641 AvalonBay Communities Inc. 23,367 6,287 Equity Residential 79,224 5,720 Extra Space Storage Inc. 31,088 5,289 Duke Realty Corp. 88,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,662 3,313 Iron Mountain Inc. 67,267 3,275 Healthpeak Property Trust 24,661 3,3013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resons Inc. 165,592 2,937 Regency Centers Corp. 35,306 2,130 Federal Realty OP LP 16,536 1,583 Vo	•			
Welltower Inc. 105,107 8,656 Digital Realty Trust Inc. 65,909 8,557 SBA Communications Corp. 24,965 7390 Simon Property Group Inc. 76,020 7,216 VICI Properties Inc. 222,935 6,641 AvaionBay Communities Inc. 223,867 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,867 Duke Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Iron Mountain Inc. 67,267 3,275 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healt Thpeak Properties Inc. 125,044 3,240 UDR Inc. 63,544 3,193 Boston Property Trust 24,822 2,597 Regencry Centers Corp.				
SBA Communications Corp. 24,965 7990 Simon Property Group Inc. 76,020 7216 VICI Properties Inc. 22,935 6,641 AvalonBay Communities Inc. 32,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 17,2448 5,711 * CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Duke Realty Corp. 89,005 4,891 Ventas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UD In Inc. 69,354 3,193 Boston Property Trust 26,527 70 Regency Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vitimes (3.1%)				
Simon Property Group Inc. 76,020 7216 VICI Properties Inc. 222,335 6,641 AvalonBay Communities Inc. 32,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust 24,662 3,315 Iron Mountain Inc. 67267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 126,000 10,286 Vorando Realty	Digital Realty Trust Inc.	65,909	8,557	
VICI Properties Inc. 222,935 6,641 AvalonBay Communities Inc. 32,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 22,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,133 3,955 Camden Property Trust 24,662 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,997 Regency Centers Corp. 718,270 19,112 Southern Co. 246,017 17543 Dureat Energy Inc. 454,858 35,233 Duke Energy Corp.	SBA Communications Corp.	24,965	7,990	
Avalon Bay Communities Inc. 32,367 6,287 Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 * CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,491 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,395 Camden Property Trust 24,662 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDB Inc. 69,354 3,193 Boston Properties Inc. 130,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,066 2,130 Indee Entry Unc. 454,858 35,233 Duke Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112				
Equity Residential 79,224 5,722 Weyerhaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,913 Doston Property Trust 24,652 2,813 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 10,599 Zute Energy Inc. 178,248 14,992 American Electric Power Co. Inc. 118,903 11,4036 Sempra Energy				
Weyerhaeuser Co. 172,448 5,711 CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,662 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37038 1,059 Utilities (3.1%) 1 142,641 NextEra Energy Inc. 18,744 14,992 America Reargy Inc. 18,744 14,992 America Reargy Inc.				
* CBRE Group Inc. Class A 75,673 5,570 Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust Inc. 67,267 3,242 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 143,051 2,828 Host Hotels & Resorts Inc. 165,552 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37038 1,059 NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17543 Dominion Energy Inc. 187848 14,992		,		
Extra Space Storage Inc. 31,088 5,289 Alexandria Real Estate Equities Inc. 34,382 4,986 Duke Realty Corp. 89,005 4,891 Ventas Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Property Enc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 1,583 Vornado Realty Trust 37,038 1,059 Utilities (3.1%) 216,011 Utilities (3.1%) 19,112 Southern Co. 246,017 175,433 Dominion Energy Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,060 10,2				
Duke Realty Corp. 89,005 4,891 Ventas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,240 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 130,051 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 16,536 1,583 Vornado Realty Turst 37,038 1,059 Vornado Realty Turst 37,038 1,059 MustEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 18,848 14,992 American Electric Power Co. Inc. 18,903 11,408 Sempra Energy 72,774 10,286 Xcel Energy Inc. <t< td=""><td></td><td></td><td></td></t<>				
Ventas Inc. 92,542 4,759 Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 130,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 1,059 Incertification Realty Trust 37038 1,059 Varnado Realty Trust 37038 1,059 Varnado Realty Trust 37038 1,059 NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy<	Alexandria Real Estate Equities Inc.	34,382		
Mid-America Apartment Communities Inc. 26,719 4,667 Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 13,013 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,053 Vornado Realty Trust 37,038 1,059 Vornado Realty Trust 37,038 1,059 Vulties (3.1%) T 216,011 Utilities (3.1%) T 37,827 19,112 Southern Co. 246,617 17,543 Dominion Energy Inc. 18,7848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Consolidated Edison Inc. 82,042 7303 WEC Energy	Duke Realty Corp.	89,005	4,891	
Essex Property Trust Inc. 15,123 3,955 Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67267 3,240 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 30,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,590 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 216,011 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 82,923 733 7351 Public Service Enterprise Group Inc. 115,594 7,315 5,978 Eversource Energy 79,848 6,74				
Camden Property Trust 24,652 3,315 Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 Utilities (3.1%) 216,011 216,011 Verliets (3.1%) 7 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 178,270 19,112 Southern Co. 18,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,203 7,315 5,047 Public Service Enterprise Group Inc. 115,594 7,315 5,074 Public Service Entergy Con. 44,088				
Iron Mountain Inc. 67,267 3,275 Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 1,330 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7802 WEC Energy Group Inc. 115,554 73,039 DTE Energy Co. 44,858 5,686 Edison International 88,255	, ,			
Healthpeak Properties Inc. 125,044 3,240 UDR Inc. 69,354 3,193 Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37038 1,059 216,011 Utilities (3.1%) Vertices (3.1%) Vertices (3.1%) Utilities (3.1%) Vertices (3.1%) Utilities (3.1%) Utilities (3.1%) Vertices (3.1%) <td cols<="" td=""><td></td><td></td><td></td></td>	<td></td> <td></td> <td></td>			
UDR Inc. 69,354 3,193 Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 Utilities (3.1%) NextEra Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 115,594 7,315 Public Service Entergise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Wate		,		
Boston Properties Inc. 33,013 2,938 Kimco Realty Corp. 143,051 2,828 Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 Utilities (3.1%) NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7802 WEC Energy Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 <td< td=""><td></td><td></td><td></td></td<>				
Host Hotels & Resorts Inc. 165,592 2,597 Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 Utilities (3.1%) NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 115,594 7,315 Eversource Enterprise Group Inc. 115,594 7,315 Eversource Entergy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Corp. 132,175 5,074	Boston Properties Inc.		2,938	
Regency Centers Corp. 35,906 2,130 Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 Utilities (3.1%) 216,011 NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 </td <td>Kimco Realty Corp.</td> <td>143,051</td> <td>2,828</td>	Kimco Realty Corp.	143,051	2,828	
Federal Realty OP LP 16,536 1,583 Vornado Realty Trust 37,038 1,059 216,011 216,011 Utilities (3.1%) 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 18,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 82,042 7802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 5,074 5,074 FirstEnergy Corp. 77,0378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 53,128 3,402				
Vornado Realty Trust 37,038 1,059 Utilities (3.1%) 216,011 Utilities (3.1%) 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,681 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 67,168 4,534 Constellation Energy Inc. 170,378 4,622 CMS Energy Corp. 67,168 4,534	• ,			
Utilities (3.1%) 216,011 Utilities (3.1%) 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,581 American Water Works Co. Inc. 47,086 5,304 FirstEnergy Corp. 47,086 5,304 FirstEnergy Corp. 76,643 4,331 CenterPoint Energy Corp. 75,643 4,331 CenterPoint Energy Corp. 75,643 <td></td> <td></td> <td></td>				
NextEra Energy Inc. 454,858 35,233 Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,261 DTE Energy Co. 44,858 5,681 American Water Works Co. Inc. 42,083 6,261 DTE Energy Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Inc. 147,037 4,622 CMS Energy Corp. 67,168<	vonidao noary naor			
Duke Energy Corp. 178,270 19,112 Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Amere Corp. 47,086 5,304 FirstEnergy Corp. 47,086 5,304 FirstEnergy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 CenterPoint Energy Corp. 53,128 3,608 Evergy Inc. 53,128 <td></td> <td></td> <td></td>				
Southern Co. 246,017 17,543 Dominion Energy Inc. 187,848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,514 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128				
Dominion Energy Inc. 187848 14,992 American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Eversource Enterprise Group Inc. 115,554 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 89,255 5,581 Ameren Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Inc. 145,757 4,311 Atmos Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,467 Alliant Energy Corp. 58,049	0, 1			
American Electric Power Co. Inc. 118,903 11,408 Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 <td< td=""><td></td><td></td><td></td></td<>				
Sempra Energy 72,774 10,936 Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 75,643 4,331 CenterPoint Energy Corp. 75,643 4,331 CenterPoint Energy Corp. 53,128 3,467 Alliant Energy Corp. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 58,049 3,402				
Exelon Corp. 226,960 10,286 Xcel Energy Inc. 126,100 8,923 Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248				
Consolidated Edison Inc. 82,042 7,802 WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 170,378 4,622 CMS Energy Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
WEC Energy Group Inc. 73,039 7,351 Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770	Xcel Energy Inc.	126,100	8,923	
Public Service Enterprise Group Inc. 115,594 7,315 Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,540 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Eversource Energy 79,848 6,745 American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
American Water Works Co. Inc. 42,083 6,261 DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
DTE Energy Co. 44,858 5,686 Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 33,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Edison International 88,255 5,581 Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 Atmos Energy Corp. 32,175 4,613 Evergy Inc. 145,757 4,311 Atmos Energy Corp. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770		,		
Ameren Corp. 59,785 5,402 Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Entergy Corp. 47,086 5,304 FirstEnergy Corp. 132,175 5,074 PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,311 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
PPL Corp. 170,378 4,622 CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770	Entergy Corp.	47,086		
CMS Energy Corp. 67,168 4,534 Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Constellation Energy Corp. 75,643 4,331 CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
CenterPoint Energy Inc. 145,757 4,311 Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Atmos Energy Corp. 32,183 3,608 Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Evergy Inc. 53,128 3,467 Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
Alliant Energy Corp. 58,049 3,402 AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770	67 1			
AES Corp. 154,613 3,248 NiSource Inc. 93,921 2,770				
NRG Energy Inc. 54,940 2,097				
	NRG Energy Inc.	54,940	2,097	

	Shares	Market Value• (\$000)
Pinnacle West Capital Corp.	26,233	1,918
		229,262
Total Common Stocks (Cost \$4,321,740)		7,386,610
Temporary Cash Investments (0.6%)		
Money Market Fund (0.6%) ¹ Vanguard Market Liquidity Fund, 1.417%		
(Cost \$43,869)	438,779	43,865
Total Investments (99.9%) (Cost \$4,365,609)		7,430,475
Other Assets and Liabilities—Net (0.1%)		8,059
Net Assets (100%)		7,438,534
Cost is in \$000.		

See Note A in Notes to Financial Statements.
Non-income-producing security.
Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

Derivative Financial Instruments Outsta	anding as of Period End			
Futures Contracts				
				(\$000)
	Expiration	Number of Long (Short) Contracts	Notional Amount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts				
E-mini S&P 500 Index	September 2022	268	50,779	(833)

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$4,321,740)	7,386,610
Affiliated Issuers (Cost \$43,869)	43,865
Total Investments in Securities	7,430,475
Investment in Vanguard	291
Cash Collateral Pledged—Futures Contracts	2,764
Receivables for Accrued Income	5,904
Receivables for Capital Shares Issued	865
Total Assets	7,440,299
Liabilities	
Due to Custodian	14
Payables for Investment Securities Purchased	32
Payables for Capital Shares Redeemed	874
Payables to Vanguard	427
Variation Margin Payable—Futures Contracts	418
Total Liabilities	1,765
Net Assets	7,438,534

At June 30, 2022, net assets consisted of:

Paid-in Capital	4,199,020
Total Distributable Earnings (Loss)	3,239,514
Net Assets	7,438,534
Net Assets	
Applicable to 149,883,510 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	7,438,534
Net Asset Value Per Share	\$49.63

Statement of Operations

	Six Months Ended June 30, 2022
	(\$000)
Investment Income	
Income	
Dividends ¹	62,577
Interest ²	79
Total Income	62,656
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	580
Management and Administrative	4,909
Marketing and Distribution	267
Custodian Fees	25
Shareholders' Reports	42
Trustees' Fees and Expenses	2
Other Expenses	10
Total Expenses	5,835
Net Investment Income	56,821
Realized Net Gain (Loss)	
Investment Securities Sold ²	132,063
Futures Contracts	(7,065)
Realized Net Gain (Loss)	124,998
Change in Unrealized Appreciation (Depreciation)	
Investment Securities ²	(2,043,176)
Futures Contracts	(1,907)
Change in Unrealized Appreciation (Depreciation)	(2,045,083)
Net Increase (Decrease) in Net Assets Resulting from Operations	(1,863,264)

1 Dividends are net of foreign withholding taxes of \$16,000.

2 Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the portfolio were \$79,000, (\$2,000), and less than \$1,000, respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	56,821	105,618
Realized Net Gain (Loss)	124,998	359,238
Change in Unrealized Appreciation (Depreciation)	(2,045,083)	1,644,218
Net Increase (Decrease) in Net Assets Resulting from Operations	(1,863,264)	2,109,074
Distributions		
Total Distributions	(465,299)	(418,079)
Capital Share Transactions		
Issued	463,727	711,464
Issued in Lieu of Cash Distributions	465,299	418,079
Redeemed	(515,874)	(1,021,957)
Net Increase (Decrease) from Capital Share Transactions	413,152	107,586
Total Increase (Decrease)	(1,915,411)	1,798,581
Net Assets		
Beginning of Period	9,353,945	7,555,364
End of Period	7,438,534	9,353,945

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year	Ended Dec	ember 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$65.47	\$53.76	\$47.70	\$38.03	\$41.17	\$35.63
Investment Operations						
Net Investment Income ¹	.389	.738	.798	.805	.804	.699
Net Realized and Unrealized Gain (Loss) on Investments	(12.937)	13.978	7.014	10.791	(2.556)	6.734
Total from Investment Operations	(12.548)	14.716	7.812	11.596	(1.752)	7.433
Distributions						
Dividends from Net Investment Income	(.758)	(.754)	(.806)	(.834)	(.703)	(.699)
Distributions from Realized Capital Gains	(2.534)	(2.252)	(.946)	(1.092)	(.685)	(1.194)
Total Distributions	(3.292)	(3.006)	(1.752)	(1.926)	(1.388)	(1.893)
Net Asset Value, End of Period	\$49.63	\$65.47	\$53.76	\$47.70	\$38.03	\$41.17
Total Return	-20.02%	28.55%	18.20%	31.30%	-4.51%	21.66%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$7,439	\$9,354	\$7,555	\$6,458	\$4,934	\$5,178
Ratio of Total Expenses to Average Net Assets	0.14%	0.14%	0.14%	0.14%	0.14%	0.15%
Ratio of Net Investment Income to Average Net Assets	1.38%	1.25%	1.73%	1.87%	1.94%	1.85%
Portfolio Turnover Rate	2%	4%	8%	4%	5%	5%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

Notes to Financial Statements

The Equity Index Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value.

2. Futures Contracts: The portfolio uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, maintaining liquidity, and minimizing transaction costs. The portfolio may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the portfolio and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the portfolio trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the portfolio's performance and requires daily settlement of variation margin representing changes in the market value of each contract. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on futures contracts.

During the six months ended June 30, 2022, the portfolio's average investments in long and short futures contracts represented 1% and 0% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period.

3. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

4. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

5. Securities Lending: To earn additional income, the portfolio lends its securities to qualified institutional borrowers. Security loans are subject to termination by the portfolio at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than the value of the collateral received. When this occurs, the collateral is adjusted and settled before the opening of the market on the next business day. The portfolio further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of

prequalified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the portfolio may experience delays and costs in recovering the securities loaned. The portfolio invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the portfolio is entitled to all distributions made on or in respect of the loaned securities.

6. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

7. Other: Dividend income is recorded on the ex-dividend date. Non-cash dividends included in income, if any, are recorded at the fair value of the securities received. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$291,000, representing less than 0.01% of the portfolio's net assets and 0.12% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

C. Various inputs may be used to determine the value of the portfolio's investments and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

At June 30, 2022, 100% of the market value of the portfolio's investments and derivatives was determined based on Level 1 inputs.

D. As of June 30, 2022, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	4,365,946
Gross Unrealized Appreciation	3,547,505
Gross Unrealized Depreciation	(483,809)
Net Unrealized Appreciation (Depreciation)	3,063,696

E. During the six months ended June 30, 2022, the portfolio purchased \$193,075,000 of investment securities and sold \$199,509,000 of investment securities, other than temporary cash investments.

The portfolio purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2022, such purchases were \$18,481,000 and sales were \$5,973,000, resulting in net realized gain of \$706,000; these amounts, other than temporary cash investments, are included in the purchases and sales of investment securities noted above.

F. Capital shares issued and redeemed were:

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	Shares (000)	Shares (000)
Issued	8,046	11,966
Issued in Lieu of Cash Distributions	7,787	7,731
Redeemed	(8,831)	(17,343)
Net Increase (Decrease) in Shares Outstanding	7,002	2,354

At June 30, 2022, one shareholder (Total Stock Market Index Portfolio) was the record or beneficial owner of 42% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

G. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Equity Index Portfolio has renewed the portfolio's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Equity Index Group. The board determined that continuing the portfolio's internalized management structure was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term, and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Equity Index Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with its target index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory expenses were also below the peer-group average.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees

The benefit of economies of scale

The board concluded that the portfolio's arrangement with Vanguard ensures that the portfolio will realize economies of scale as it grows, with the cost to shareholders declining as portfolio assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the Equity Index Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Direct Investor Account Services > 800-662-2739

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your portfolio on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

High Yield Bond Portfolio

Contents

About Your Portfolio's Expenses 1	
Financial Statements 3	
Trustees Approve Advisory Arrangement	
Liquidity Risk Management19	

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

High Yield Bond Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$ 872.50	\$1.21
Based on Hypothetical 5% Yearly Return	1,000.00	1,023.51	1.30

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.26%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

High Yield Bond Portfolio

Portfolio Allocation As of June 30, 2022

Communications	18.1%
Consumer Discretionary	16.7
Consumer Staples	3.4
Energy	10.0
Financials	9.3
Health Care	11.0
Industrials	7.2
Materials	9.0
Real Estate	1.3
Technology	12.1
Utilities	1.9
The second secon	

The table reflects the portfolio's investments, except for short-term investments, derivatives and other financial instruments.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

				Face	Market
			Maturity	Amount	Value
		Coupon	Date	(\$000)	(\$000)
Co	rporate Bonds (89.5%)				
	mmunications (17.2%)				
1,2	Allice Hallce SA	2.125%	2/15/25	585	529
1	Altice France SA	5.500%	1/15/28	1,700	1,351
1 1	Altice France SA	5.125%	7/15/29	565	426
	Arches Buyer Inc.	4.250%	6/1/28	2,845	2,322
1	Banijay Entertainment SASU	5.375%	3/1/25	200	190
	Belo Corp.	7.750%	6/1/27	920	961
1	Belo Corp.	7.250%	9/15/27	667	699
	CCO Holdings LLC / CCO Holdings Capital Corp.	5.500%	5/1/26	1,368	1,336
1	CCO Holdings LLC / CCO Holdings	5.500 %	5/1/26	1,306	1,330
	Capital Corp.	4.500%	8/15/30	2,530	2,114
1	CCO Holdings LLC / CCO Holdings		0,10,00	2,000	_,
	Capital Corp.	4.250%	2/1/31	2,310	1,897
	CCO Holdings LLC / CCO Holdings				
	Capital Corp.	4.500%	5/1/32	3,161	2,559
1	CCO Holdings LLC / CCO Holdings				
	Capital Corp.	4.500%	6/1/33	200	159
1	CCO Holdings LLC / CCO Holdings				
1	Capital Corp.	4.250%	1/15/34	200	155
1 1	CSC Holdings LLC	5.500%	4/15/27	2,610	2,367
1	CSC Holdings LLC	6.500%	2/1/29	1,025	932
1	CSC Holdings LLC	4.125%	12/1/30	4,305	3,356
1	CSC Holdings LLC	4.625%	12/1/30	400	268
1	CSC Holdings LLC	3.375%	2/15/31	685	508
1	CSC Holdings LLC	4.500%	11/15/31	3,900	3,011
	CSC Holdings LLC	5.000%	11/15/31	840 2.405	564
	DISH DBS Corp.	5.875%	11/15/24	2,405	2,039
	DISH DBS Corp. DISH DBS Corp.	7.750% 7.375%	7/1/26 7/1/28	3,000 3,255	2,328 2,214
	Embarg Corp.	7.995%	6/1/36	865	654
1	Frontier Communications	7.333770	0/1/30	805	004
	Holdings LLC	5.875%	10/15/27	810	729
1	Frontier Communications				
	Holdings LLC	5.000%	5/1/28	4,105	3,508
1	Frontier Communications				
	Holdings LLC	6.750%	5/1/29	1,975	1,624
	Frontier Communications				
	Holdings LLC	5.875%	11/1/29	2,780	2,146
1	Frontier Communications		4 14 5 10 0		~~~
1	Holdings LLC	6.000%	1/15/30	1,290	997
	Go Daddy Operating Co. LLC / GD Finance Co. Inc.	3.500%	3/1/29	3,375	2,847
1	Iliad Holding SAS	6.500 %	10/15/26	3,375 755	2,847
1	Iliad Holding SAS	7.000%	10/15/28	490	428
	Lamar Media Corp.	3.750%		1,770	1,571
	Lamar Media Corp.	4.875%	1/15/29	80	73
	Lamar Media Corp.	4.000%	2/15/30	1,920	1,626
	Lamar Media Corp.	3.625%	1/15/31	1,406	1,151
1,2	Lorca Telecom Bondco SA	4.000%	9/18/27	1,335	1,169
	Lumen Technologies Inc.	6.750%	12/1/23	755	750
	Lumen Technologies Inc.	7.500%	4/1/24	557	552
	Netflix Inc.	4.875%	4/15/28	170	161
1	Outfront Media Capital LLC /		,_,		
	Outfront Media Capital Corp.	6.250%	6/15/25	110	105
1	Outfront Media Capital LLC /				
	Outfront Media Capital Corp.	5.000%	8/15/27	689	603
1	Outfront Media Capital LLC /			-	
	Outfront Media Capital Corp.	4.250%	1/15/29	275	219

				Гала	Markat
			Maturity	Face Amount	Market Value®
		Coupon	Date	(\$000)	(\$000)
1	Outfront Media Capital LLC /				
	Outfront Media Capital Corp.	4.625%	3/15/30	2,297	1,844
	Paramount Global Inc.	6.250%	2/28/57	944	826
	Paramount Global Inc.	6.375%	3/30/62	885	790
	Quebecor Media Inc.	5.750%	1/15/23	2,810	2,814
1	ROBLOX Corp.	3.875%	5/1/30	3,155	2,556
1	Scripps Escrow II Inc.	3.875%	1/15/29	1,835	1,523
1	Sirius XM Radio Inc.	3.125%	9/1/26	355	317
1	Sirius XM Radio Inc.	4.000%	7/15/28	1,090	943
1	Sirius XM Radio Inc.	4.125%	7/1/30	1,590	1,328
1	Sirius XM Radio Inc.	3.875%	9/1/31	1,375	1,095
	Sprint Corp.	7.875%	9/15/23	6,974	7,203
	Sprint Corp.	7.125%	6/15/24	2,101	2,161
	Sprint Corp.	7.625%	2/15/25	1,595	1,665
	Telecom Italia Capital SA	6.375%	11/15/33	336	260
	Telecom Italia Capital SA	6.000%	9/30/34	1,085	823
	Telecom Italia Capital SA	7.721%	6/4/38	935	724
1	Telecom Italia SpA	5.303%	5/30/24	445	428
1	Telenet Finance Luxembourg Notes				
	Sarl	5.500%	3/1/28	3,200	2,802
	T-Mobile USA Inc.	5.375%	4/15/27	2,380	2,357
	T-Mobile USA Inc.	3.375%	4/15/29	1,310	1,147
1	UPC Broadband Finco BV	4.875%	7/15/31	2,185	1,779
1	UPC Holding BV	5.500%	1/15/28	2,250	1,884
1	Videotron Ltd.	5.375%	6/15/24	260	260
1	Videotron Ltd.	5.125%	4/15/27	1,750	1,629
	Videotron Ltd.	3.625%	6/15/28	2,565	1,651
1	Videotron Ltd.	3.625%	6/15/29	910	751
1	Virgin Media Secured Finance plc	4.500%	8/15/30	1,190	985
1,4	Virgin Media Vendor Financing Notes III DAC	4.875%	7/15/28	1,090	1,060
1	Virgin Media Vendor Financing Notes	4.07370	7/10/20	1,000	1,000
	IV DAC	5.000%	7/15/28	1,075	897
1	Vmed O2 UK Financing I plc	4.250%	1/31/31	3,140	2,564
1	VZ Secured Financing BV	5.000%	1/15/32	1,505	1,249
1,2	WMG Acquisition Corp.	2.750%	7/15/28	520	459
1	WMG Acquisition Corp.	3.875%	7/15/30	1,515	1,267
1	WMG Acquisition Corp.	3.000%	2/15/31	1,585	1,230
1,2	WP/AP Telecom Holdings IV BV	3.750%	1/15/29	1,020	873
1	Ziggo BV	4.875%	1/15/30	1,529	1,296
				_	107,317
Co	nsumer Discretionary (14.3%)				107,517
1	1011778 BC ULC / New Red				
	Finance Inc.	3.875%	1/15/28	1,185	1,031
1	1011778 BC ULC / New Red			,	,
	Finance Inc.	4.375%	1/15/28	1,500	1,325
1	1011778 BC ULC / New Red				
	Finance Inc.	3.500%	2/15/29	500	423
1	1011778 BC ULC / New Red	4 0000/	10/100	0 700	0.404
1	Finance Inc.	4.000%	10/15/30	2,730	2,191
1	Adient Global Holdings Ltd.	4.875%	8/15/26	890	781
	American Builders & Contractors Supply Co. Inc.	4.000%	1/15/20	1 576	1,360
1	American Builders & Contractors	4.000 %	1/15/28	1,576	1,300
	Supply Co. Inc.	3.875%	11/15/29	1,165	927
	Asbury Automotive Group Inc.	4.500%	3/1/28	745	646
1	Asbury Automotive Group Inc.	4.625%	11/15/29	645	533
	Asbury Automotive Group Inc.	4.750%	3/1/30	489	402
1	Asbury Automotive Group Inc.	5.000%	2/15/32	645	528
	,		_, .0,02	0.0	020

				Face	Market
		0	Maturity	Amount	Value•
		Coupon	Date	(\$000)	(\$000)
1	Ashton Woods USA LLC / Ashton	4 005 0/	4/1/00	400	000
	Woods Finance Co. Bath & Body Works Inc.	4.625% 6.694%	4/1/30 1/15/27	460 504	332 467
1	Bath & Body Works Inc.	6.625%	10/1/30	2,130	1,840
1	Beacon Roofing Supply Inc.	4.125%	5/15/29	490	402
	Boyd Gaming Corp.	4.750%	12/1/27	3,725	3,372
1	Boyd Gaming Corp.	4.750%	6/15/31	165	140
1	Builders Firstsource Inc.	4.250%	2/1/32	1,000	764
1 1	Caesars Entertainment Inc.	6.250%	7/1/25	1,810	1,744
1	Caesars Entertainment Inc.	8.125%	7/1/27	2,094	2,019
1	Caesars Entertainment Inc. Caesars Resort Collection LLC / CRC	4.625%	10/15/29	1,200	936
	Finco Inc.	5.750%	7/1/25	610	585
1	Carnival Corp.	5.750%	3/1/27	381	275
1	Carnival Corp.	4.000%	8/1/28	2,765	2,268
1	Carnival Corp.	6.000%	5/1/29	2,925	2,048
1	Carnival Corp.	10.500%	6/1/30	1,325	1,093
	Cedar Fair LP	5.250%	7/15/29	1,775	1,576
	Cedar Fair LP / Canada's Wonderland Co. / Magnum Management Corp.				
	/ Millennium Op	5.375%	4/15/27	775	735
1	Cinemark USA Inc.	8.750%	5/1/25	125	127
1	Cinemark USA Inc.	5.875%	3/15/26	555	495
1	Cinemark USA Inc.	5.250%	7/15/28	1,720	1,381
1,2 1,2	Cirsa Finance International Sarl	6.250%	12/20/23	1,240	1,237
1	Cirsa Finance International Sarl Clarios Global LP / Clarios US	4.500%	3/15/27	470	397
	Finance Co.	6.250%	5/15/26	372	359
1	Clarios Global LP / Clarios US	0.20070	0/10/20	072	000
	Finance Co.	8.500%	5/15/27	804	778
	Ford Motor Co.	4.346%	12/8/26	705	652
	Ford Motor Co.	3.250%	2/12/32	3,745	2,799
	Ford Motor Co.	4.750%	1/15/43	1,150	820
	Ford Motor Co. Ford Motor Credit Co. LLC	5.291% 3.350%	12/8/46 11/1/22	350 1,175	269 1,174
	Ford Motor Credit Co. LLC	3.087%	1/9/23	900	894
	Ford Motor Credit Co. LLC	3.370%	11/17/23	395	385
	Ford Motor Credit Co. LLC	4.134%	8/4/25	380	354
	Ford Motor Credit Co. LLC	3.375%	11/13/25	470	423
	Ford Motor Credit Co. LLC	4.389%	1/8/26	200	185
	Ford Motor Credit Co. LLC	2.700%	8/10/26	2,290	1,952
5	Ford Motor Credit Co. LLC	4.950%	5/28/27	735	682
	Ford Motor Credit Co. LLC, 3M USD LIBOR + 1.235%	2.646%	2/15/23	255	254
1	Gap Inc.	3.625%	10/1/29	1,120	787
1	Gap Inc.	3.875%	10/1/31	1,740	1,210
	Griffon Corp.	5.750%	3/1/28	500	454
1	Group 1 Automotive Inc.	4.000%	8/15/28	125	106
1 1	Hanesbrands Inc.	4.625%	5/15/24	730	715
1	Hanesbrands Inc.	4.875%	5/15/26	2,974	2,757
1	JELD-WEN Inc. JELD-WEN Inc.	4.625% 4.875%	12/15/25 12/15/27	345 390	292 309
1	KAR Auction Services Inc.	4.875 % 5.125%	6/1/25	2,069	1,947
	KB Home	7.500%	9/15/22	2,000	217
	KB Home	7.625%	5/15/23	476	483
	KB Home	4.800%	11/15/29	405	341
	KB Home	4.000%	6/15/31	1,125	868
1	KFC Holding Co. / Pizza Hut				
	Holdings LLC /Taco Bell of America LLC	4.750%	6/1/27	1,010	971
1	Lithia Motors Inc.	4.625%	12/15/27	1,945	1,793
1	Masonite International Corp.	3.500%	2/15/30	325	256
1	Mattel Inc.	3.375%	4/1/26	635	583
1	Mattel Inc.	5.875%	12/15/27	1,910	1,867
	MGM Resorts International	6.000%	3/15/23	680	679
1	MGM Resorts International	5.750%	6/15/25	1,355	1,292
1	Michaels Cos. Inc.	5.250%	5/1/28	1,075	847
1	Michaels Cos. Inc. NCL Corp Ltd.	7.875% 7.750%	5/1/29 2/15/29	1,208 415	800 316
			2,10,20		010

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
1	NMG Holding Co. Inc. / Neiman				
	Marcus Group LLC	7.125%	4/1/26	460	426
1	Petsmart Inc.	4.750%	2/15/28	2,090	1,806
1	Petsmart Inc.	7.750%	2/15/29	675	609
1	Royal Caribbean Cruises Ltd.	4.250%	7/1/26	295	209
1	Royal Caribbean Cruises Ltd.	5.500%	8/31/26	2,150	1,580
1	Royal Caribbean Cruises Ltd.	5.375%	7/15/27	705	512
1	Royal Caribbean Cruises Ltd.	5.500%	4/1/28	95	66
1	Scientific Games International Inc.	7.000%	5/15/28	1,750	1,652
	Service Corp. International	4.625%	12/15/27	505	475
	Service Corp. International	5.125%	6/1/29	2,105	1,987
	Service Corp. International Service Corp. International	3.375% 4.000%	8/15/30 5/15/31	650 1,560	536 1,332
1	Speedway Motorsports LLC /			,	,
1	Speedway Funding II Inc.	4.875%	11/1/27	950	856
1	Taylor Morrison Communities Inc. Taylor Morrison Communities Inc.	5.875% 5.125%	6/15/27 8/1/30	750 1,075	693 892
	Toll Brothers Finance Corp.	4.875%	11/15/25	295	289
	Under Armour Inc.	3.250%	6/15/26	2.335	2,031
1	William Carter Co.	5.625%	3/15/27	404	379
1	WW International Inc.	4.500%	4/15/29	1,435	955
1	Wynn Las Vegas LLC / Wynn Las	5.500%	, ., .	,	
1	Vegas Capital Corp. Wynn Las Vegas LLC / Wynn Las		3/1/25	1,615	1,478
1	Vegas Capital Corp.	5.250%	5/15/27	1,085	929
1	Wynn Macau Ltd.	5.500%	1/15/26	250	175
1	Wynn Macau Ltd.	5.125%	12/15/29	615	382
	Wynn Resorts Finance LLC / Wynn	E 12E0/	10/1/20	78	61
1	Resorts Capital Corp. Yum! Brands Inc.	5.125% 4.750%	10/1/29 1/15/30	910	827
	Yum! Brands Inc.	4.750 % 3.625%	3/15/31	1,550	1,312
	Yum! Brands Inc.	4.625%	1/31/32	760	671
		4.02070	1/01/02	/00 _	89,370
Со	nsumer Staples (3.2%)				
	B&G Foods Inc.	5.250%	9/15/27	3,260	2,820
1,2	Durning Global I Indirec DV	3.625%	5/15/26	395	384
1	Darling Ingredients Inc.	5.250%	4/15/27	795	771
1	Darling Ingredients Inc.	6.000%	6/15/30	300	299
1 1	Energizer Holdings Inc.	4.750%	6/15/28	3,420	2,720
1	Energizer Holdings Inc.	4.375%	3/31/29	615	472
1	Performance Food Group Inc.	6.875%	5/1/25	200	199
1	Performance Food Group Inc.	5.500%	10/15/27	2,685	2,488
1	Performance Food Group Inc.	4.250% 5.750%	8/1/29	1,625 314	1,358 304
1	Post Holdings Inc. Post Holdings Inc.	5.625%	3/1/27 1/15/28	2,170	2,060
1	Post Holdings Inc.	5.500%	12/15/29	535	2,000 479
1	Post Holdings Inc.	4.625%	4/15/30	2,264	1,910
1	Post Holdings Inc.	4.500%	9/15/31	2,204	2,040
1	United Natural Foods Inc.	6.750%	10/15/28	1,044	978
1	US Foods Inc.	4.625%	6/1/30	813	693
			-, .,		19,975
En	ergy (9.4%)	4.0750	44 14 5 10 5	4 500	4 400
	Apache Corp.	4.875%	11/15/27	1,560	1,429
	Apache Corp.	4.375%	10/15/28	105	95
	Apache Corp.	4.250%	1/15/30	425	379
	Apache Corp.	5.100%	9/1/40	1,155	975
	Apache Corp.	5.250%	2/1/42	471	392
	Apache Corp. Apache Corp.	4.250%	1/15/44	22 1 272	16 1,090
1	Blue Racer Midstream LLC / Blue	5.350%	7/1/49	1,372	
1	Racer Finance Corp. Blue Racer Midstream LLC / Blue	7.625%	12/15/25	435	415
1	Racer Finance Corp.	6.625%	7/15/26	775	701
1	Buckeye Partners LP	4.125%	3/1/25	1,471	1,354
	Buckeye Partners LP	3.950%	12/1/26	138	122
1	Buckeye Partners LP	4.125%	12/1/27	415	353
•	Buckeye Partners LP	4.500%	3/1/28	2,584	2,186
	Cheniere Energy Partners LP	4.500%	10/1/29	1,076	961
	Continental Resources Inc.	4.375%	1/15/28	1,053	990

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
1	Continental Resources Inc.	5.750%	1/15/31	960	927
	Continental Resources Inc.	4.900%	6/1/44	2,355	1,853
	DCP Midstream Operating LP	3.875%	3/15/23	801	794
1	DCP Midstream Operating LP DT Midstream Inc.	5.125% 4.125%	5/15/29 6/15/29	205 2,290	185 1,947
1	DT Midstream Inc.	4.375%	6/15/31	3,271	2,734
1	Earthstone Energy Holdings LLC	8.000%	4/15/27	635	601
1	EnLink Midstream LLC	5.625%	1/15/28	720	664
	EnLink Midstream LLC	5.375%	6/1/29	720	631
	EnLink Midstream Partners LP	4.150%	6/1/25	750	699
	EnLink Midstream Partners LP EnLink Midstream Partners LP	4.850% 5.050%	7/15/26 4/1/45	636 906	588 616
	EnLink Midstream Partners LP	5.450%	6/1/47	663	470
	EQM Midstream Partners LP	4.000%	8/1/24	158	149
1	EQM Midstream Partners LP	6.000%	7/1/25	1,580	1,520
	EQM Midstream Partners LP	4.125%	12/1/26	100	87
1 1	EQM Midstream Partners LP	7.500%	6/1/27	95	92
	EQM Midstream Partners LP EQM Midstream Partners LP	6.500% 5.500%	7/1/27 7/15/28	1,710 641	1,591 555
1	EQM Midstream Partners LP	4.500%	1/15/29	990	804
1	EQM Midstream Partners LP	7.500%	6/1/30	100	96
1	EQM Midstream Partners LP	4.750%	1/15/31	2,175	1,735
	EQT Corp.	6.625%	2/1/25	145	149
1 1	EQT Corp.	3.625%	5/15/31	392	342
	Hess Midstream Operations LP Occidental Petroleum Corp.	4.250% 3.400%	2/15/30	20 365	17 334
	Occidental Petroleum Corp.	3.400 %	4/15/26 8/15/26	230	207
	Occidental Petroleum Corp.	3.000%	2/15/27	250	225
	Occidental Petroleum Corp.	6.375%	9/1/28	240	243
	Occidental Petroleum Corp.	6.125%	1/1/31	676	686
	Occidental Petroleum Corp.	4.400%	4/15/46	225	182
	Ovintiv Inc. Ovintiv Inc.	7.200% 7.375%	11/1/31 11/1/31	140 1,344	152 1,483
	Ovintiv Inc.	6.500%	8/15/34	397	413
	Ovintiv Inc.	6.500%	2/1/38	715	742
	Range Resources Corp.	8.250%	1/15/29	675	691
1	Range Resources Corp.	4.750%	2/15/30	280	252
1 1	Rockies Express Pipeline LLC	4.950%	7/15/29	207	177
1	Rockies Express Pipeline LLC Rockies Express Pipeline LLC	4.800% 7.500%	5/15/30 7/15/38	166 322	138 287
	Southwestern Energy Co.	5.375%	2/1/29	747	694
	Southwestern Energy Co.	5.375%	3/15/30	1,813	1,668
	Southwestern Energy Co.	4.750%	2/1/32	385	329
	Sunoco LP / Sunoco Finance Corp.	6.000%	4/15/27	2,265	2,160
	Sunoco LP / Sunoco Finance Corp.	5.875%	3/15/28	725	666
1	Sunoco LP / Sunoco Finance Corp. Sunoco LP / Sunoco Finance Corp.	4.500% 4.500%	5/15/29 4/30/30	805 1,150	664 935
	Targa Resources Partners LP / Targa	4.500 %	4/30/30	1,150	335
	Resources Partners Finance Corp. Targa Resources Partners LP / Targa	6.875%	1/15/29	1,200	1,225
	Resources Partners Finance Corp.	4.875%	2/1/31	1,640	1,496
1,6 1,6	Transocean Guardian Ltd.	5.875%	1/15/24	714	662
1,6	nunsoccum mocmix z Etu.	7.750% 6.125%	10/15/24 8/1/25	459 526	444 483
1,6	nunsoccum ontus Eta.	6.250%	12/1/24	520	483 508
1	Venture Global Calcasieu Pass LLC	3.875%	8/15/29	1,295	1,135
1	Venture Global Calcasieu Pass LLC	4.125%	8/15/31	1,635	1,404
1	Venture Global Calcasieu Pass LLC	3.875%	11/1/33	2,110	1,740
1	Vine Energy Holdings LLC	6.750%	4/15/29	15	15
	Western Midstream Operating LP Western Midstream Operating LP	3.600% 3.950%	2/1/25	105 430	97 406
	Western Midstream Operating LP	3.950% 4.650%	6/1/25 7/1/26	430 1,150	406 1,082
	Western Midstream Operating LP	4.500%	3/1/28	100	90
	Western Midstream Operating LP	4.750%	8/15/28	215	197
	Western Midstream Operating LP	4.550%	2/1/30	95	82
	Western Midstream Operating LP	5.450%	4/1/44	595	494
	Western Midstream Operating LP	5.300%	3/1/48	1,492	1,203
	Western Midstream Operating LP	5.750%	2/1/50	1,804 _	1,457
					58,852

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
Fin	ancials (7.5%)				
1	Acrisure LLC / Acrisure Finance Inc.	4.250%	2/15/29	3,375	2,734
1	AerCap Global Aviation Trust	6.500%	6/15/45	3,240	2,980
	Aircastle Ltd.	5.000%	4/1/23	465	465
1	Aircastle Ltd.	4.125% 4.875%	5/1/24	2,110	2,052
1	AmWINS Group Inc. Avolon Holdings Funding Ltd.	4.875 % 5.250 %	6/30/29 5/15/24	290 1,630	239 1,610
1	Burford Capital Global Finance LLC	6.875%	4/15/30	400	351
1	Compass Group Diversified Holdings LLC	5.250%	4/15/29	470	389
	Credit Suisse Group AG	6.250%	12/29/49	4,455	4,055
1	Enact Holdings Inc.	6.500%	8/15/25	2,290	2,162
1	FirstCash Inc.	4.625%	9/1/28	500	432
1	FirstCash Inc.	5.625%	1/1/30	395	346
1	Fly Leasing Ltd.	7.000%	10/15/24	800	592
1 1	Freedom Mortgage Corp.	8.250%	4/15/25	871	736
1	goeasy Ltd.	4.375%	5/1/26	1,371	1,159
1	Home Point Capital Inc.	5.000%	2/1/26	80	55
1	HUB International Ltd. Intesa Sanpaolo SpA	5.625% 5.017%	12/1/29 6/26/24	860 900	721 863
1	Intesa Sanpaolo SpA	5.710%	1/15/26	3,185	3,035
1	LD Holdings Group LLC	6.500%	11/1/25	375	255
1	LD Holdings Group LLC	6.125%	4/1/28	50	30
	MGIC Investment Corp.	5.750%	8/15/23	685	702
	MGIC Investment Corp.	5.250%	8/15/28	885	793
1	Nationstar Mortgage Holdings Inc.	5.125%	12/15/30	3,518	2,633
	Navient Corp.	5.500%	1/25/23	1,000	993
	Navient Corp.	7.250%	9/25/23	186	185
	Navient Corp.	6.750%	6/15/26	40	35
	Navient Corp.	4.875%	3/15/28	398	311
	Navient Corp. Navient Corp.	5.500% 5.625%	3/15/29 8/1/33	2,135 281	1,664 197
	OneMain Finance Corp.	8.250%	10/1/23	380	380
	OneMain Finance Corp.	6.125%	3/15/24	815	778
	OneMain Finance Corp.	7.125%	3/15/26	2,536	2,364
	OneMain Finance Corp.	3.500%	1/15/27	545	436
	OneMain Finance Corp.	3.875%	9/15/28	1,350	1,033
	OneMain Finance Corp.	4.000%	9/15/30	1,500	1,111
1	Park Aerospace Holdings Ltd.	5.500%	2/15/24	455	458
1 1	PennyMac Financial Services Inc.	5.375%	10/15/25	1,745	1,533
	PennyMac Financial Services Inc.	4.250%	2/15/29	2,700	1,998
	Radian Group Inc.	4.500%	10/1/24	2,485	2,358
	Radian Group Inc. Radian Group Inc.	6.625% 4.875%	3/15/25 3/15/27	300 300	295 271
1	United Wholesale Mortgage LLC	4.875 % 5.500 %	11/15/25	300	258
1	United Wholesale Mortgage LLC	5.750%	6/15/27	650	521
		0170070	0,10,2,		46,568
не 1	alth Care (10.0%) 180 Medical Inc.	2 07 - 0/	10/15/00	200	170
1	Acadia Healthcare Co. Inc.	3.875% 5.500%	10/15/29 7/1/28	200 575	173 538
1	Acadia Healthcare Co. Inc.	5.000%	4/15/29	350	316
1,2		2.625%	11/1/25	2,316	2,245
1	Avantor Funding Inc.	4.625%	7/15/28	3,035	2,779
1	Avantor Funding Inc.	3.875%	11/1/29	170	149
1	Bausch Health Cos. Inc.	5.500%	11/1/25	2,140	1,882
1	Bausch Health Cos. Inc.	9.000%	12/15/25	500	369
1	Bausch Health Cos. Inc.	6.125%	2/1/27	180	153
1	Bausch Health Cos. Inc.	5.000%	1/30/28	685	365
1 1	Bausch Health Cos. Inc.	4.875%	6/1/28	925	724
1	Bausch Health Cos. Inc.	7.250%	5/30/29	60	33
1,2	Bausch Health Cos. Inc. CAB SELAS	5.250% 3.375%	1/30/30	375	195
2	CAB SELAS CAB SELAS	3.375%	2/1/28 2/1/28	1,246 650	1,048 547
1	Catalent Pharma Solutions Inc.	5.000%	7/15/27	630	547
1,2		2.375%	3/1/28	1,310	1,115
2	Catalent Pharma Solutions Inc.	2.375%	3/1/28	750	638
1	Catalent Pharma Solutions Inc.	3.125%	2/15/29	185	152
1	Catalent Pharma Solutions Inc.	3.500%	4/1/30	430	353
	Centene Corp.	4.250%	12/15/27	2,080	1,942

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
	Centene Corp.	4.625%	12/15/29	735	685
	Centene Corp.	4.025%	2/15/30	735 810	687
	Centene Corp.	3.000%	10/15/30	590	489
1	Charles River Laboratories	5.000 /0	10/13/30	550	400
	International Inc.	4.250%	5/1/28	1,550	1,394
1	Charles River Laboratories		0/ 1/20	1,000	1,001
	International Inc.	3.750%	3/15/29	640	555
1	Charles River Laboratories				
	International Inc.	4.000%	3/15/31	650	557
1	CHS/Community Health				
	Systems Inc.	5.625%	3/15/27	1,940	1,642
1	CHS/Community Health				
	Systems Inc.	6.000%	1/15/29	770	635
1	CHS/Community Health				
	Systems Inc.	5.250%	5/15/30	1,025	782
1	CHS/Community Health		0 14 5 10 4	005	~
1	Systems Inc.	4.750%	2/15/31	835	614
1	Grifols Escrow Issuer SA	4.750%	10/15/28	290	252
1,2		1.625%	2/15/25	810	780
1,2	Grifols SA	2.250%	11/15/27	1,325	1,159
	HCA Inc.	7.690%	6/15/25	130	137
	HCA Inc.	5.875%	2/15/26	2,130	2,144
	HCA Inc.	5.625%	9/1/28	390	384
	HCA Inc.	5.875%	2/1/29	450	451
	HCA Inc.	3.500%	9/1/30	3,500	2,985
1	Hologic Inc.	3.250%	2/15/29	1,665	1,423
1	IQVIA Inc.	5.000%	5/15/27	4,093	3,873
1,2	IQVIA Inc.	2.250%	1/15/28	1,200	1,040
	IQVIA Inc.	2.875%	6/15/28	1,405	1,255
1	Jazz Securities DAC	4.375%	1/15/29	1,485	1,326
1	Mozart Debt Merger Sub Inc.	3.875%	4/1/29	5,695	4,855
1	Mozart Debt Merger Sub Inc.	5.250%	10/1/29	3,339	2,775
1	Organon & Co. / Organon Foreign				
1	Debt CoIssuer BV	4.125%	4/30/28	2,675	2,367
	Organon & Co. / Organon Foreign		4/00/01	1 055	1 000
1	Debt CoIssuer BV	5.125%	4/30/31	1,255	1,083
1	Owens & Minor Inc. Teleflex Inc.	6.625%	4/1/30	736	671
		4.250%	6/1/28	1,991 115	1,802
1	Tenet Healthcare Corp. Tenet Healthcare Corp.	4.625%	7/15/24		111 302
1		4.625% 4.875%	9/1/24 1/1/26	315 270	302 249
1	Tenet Healthcare Corp. Tenet Healthcare Corp.	4.625%	6/15/28	270 870	249 759
1	Tenet Healthcare Corp.	4.025 % 6.125 %	6/15/28	905	848
	Teva Pharmaceutical Finance	0.12370	0/10/30	305	040
	Netherlands III BV	3.150%	10/1/26	2,890	2,385
	Teva Pharmaceutical Finance	0.100 /0	10/1/20	2,000	2,000
	Netherlands III BV	4.750%	5/9/27	200	171
	Teva Pharmaceutical Finance		-1 -1		
	Netherlands III BV	6.750%	3/1/28	2,200	2,046
Ind	lustrials (6.3%)				61,982
1	APX Group Inc.	5 7500/	7/15/20	500	150
1	Aramark Services Inc.	5.750%	7/15/29	580 1 935	450 1.862
1	Aramark Services Inc. Aramark Services Inc.	5.000% 5.000%	4/1/25 2/1/28	1,935	1,862 1,248
1				1,365	
1	Brand Industrial Services Inc.	8.500%	7/15/25	462	347
1	BWX Technologies Inc.	4.125%	6/30/28	1,058	942
1	BWX Technologies Inc.	4.125%	4/15/29	1,440	1,276
1	Clean Harbors Inc. Clean Harbors Inc.	4.875% 5.125%	7/15/27	1,414	1,294
1			7/15/29	768	704
1	Covanta Holding Corp.	4.875%	12/1/29	705	574
1	First Student Bidco Inc. / First Transit Parent Inc. Hawaiian Brand Intellectual Property	4.000%	7/31/29	2,467	1,975
	Ltd. / HawaiianMiles Loyalty Ltd.	5.750%	1/20/26	1,960	1,756
1	Herc Holdings Inc.	5.500%	7/15/27	5,966	5,460
	Howmet Aerospace Inc.	3.000%	1/15/29	5,500 40	33
1,2	Loxam SAS	4.250%	4/15/24	190	191
2	Loxam SAS	2.875%	4/15/24	655	578
2	Loxam SAS	3.750%	7/15/26	500	448
1	Moog Inc.	4.250%	12/15/27	250	217
		00/0	, .0,2,	200	217

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
1	Mueller Water Products Inc.	4.000%	6/15/29	175	153
1,2 1,2	a runk holding r bv	1.500%	3/1/25	805	728
1,2	Q-Park Holding I BV Sensata Technologies BV	2.000% 4.875%	3/1/27 10/15/23	775 300	645 296
1	Sensata Technologies BV	4.075 % 5.625 %	11/1/24	575	568
1	Sensata Technologies BV	5.000%	10/1/25	1,625	1,562
1	Sensata Technologies Inc.	4.375%	2/15/30	400	342
1 1	Sensata Technologies Inc.	3.750%	2/15/31	1,642	1,318
	Spirit AeroSystems Inc. Spirit AeroSystems Inc.	5.500% 3.850%	1/15/25 6/15/26	750 90	698 77
1	Stericycle Inc.	3.875%	1/15/29	255	210
1,2	TK Elevator Midco GmbH	4.375%	7/15/27	600	541
1	TK Elevator US Newco Inc.	5.250%	7/15/27	1,360	1,215
	TransDigm Inc.	5.500%	11/15/27	215	183
	TransDigm Inc. TransDigm Inc.	4.625% 4.875%	1/15/29 5/1/29	2,215 85	1,783 69
1	United Airlines Inc.	4.375%	4/15/26	340	302
1	United Airlines Inc.	4.625%	4/15/29	550	466
	United Rentals North America Inc.	5.500%	5/15/27	1,063	1,043
	United Rentals North America Inc.	4.875%	1/15/28	1,794	1,699
	United Rentals North America Inc. United Rentals North America Inc.	5.250% 4.000%	1/15/30 7/15/30	740 2,665	687 2.276
	United Rentals North America Inc.	4.000 %	2/15/31	1.206	1,019
	United Rentals North America Inc.	3.750%	1/15/32	875	719
1,2	Verisure Holding AB	3.250%	2/15/27	688	595
1,2	Verisure Midholding AB	5.250%	2/15/29	221	176
	Williams Scotsman International Inc.	4.625%	8/15/28	355 _	307
Ma	toriala (8.6%)				39,032
1 VI d	terials (8.6%) Advanced Drainage Systems Inc.	6.375%	6/15/30	230	225
1	Ardagh Metal Packaging Finance		-, -,		
	USA LLC / Ardagh Metal	2.2500/	0/1/20	1 100	1 0 0 0
1	Packaging Finance plc Ardagh Packaging Finance plc /	3.250%	9/1/28	1,190	1,020
1,4	Ardagh Holdings USA Inc. Ardagh Packaging Finance plc /	4.125%	8/15/26	1,890	1,601
1	Ardagh Holdings USA Inc.	4.750%	7/15/27	160	139
1	Ardagh Packaging Finance plc / Ardagh Holdings USA Inc.	5.250%	8/15/27	700	490
	Ardagh Packaging Finance plc / Ardagh Holdings USA Inc.	5.250%	8/15/27	1,825	1,280
1	Axalta Coating Systems LLC	3.375%	2/15/29	1,640	1,340
	Ball Corp.	4.875%	3/15/26	1,100	1,085
2	Ball Corp.	1.500%	3/15/27	920	811
1	Ball Corp. Berry Global Inc.	3.125% 4.500%	9/15/31 2/15/26	25 983	20 915
1	Berry Global Inc.	4.875%	7/15/26	2,120	2,025
1	Berry Global Inc.	5.625%	7/15/27	215	206
	Cemex SAB de CV	7.375%	6/5/27	565	560
1	Cemex SAB de CV	5.450%	11/19/29	590	523
1	Cemex SAB de CV Chemours Co.	3.875% 4.625%	7/11/31 11/15/29	1,285 1,620	967 1,275
1	Clydesdale Acquisition Holdings Inc.	4.025 % 6.625 %	4/15/29	710	668
	Commercial Metals Co.	4.125%	1/15/30	375	317
	Commercial Metals Co.	3.875%	2/15/31	145	116
1	Commercial Metals Co.	4.375%	3/15/32	805	663
1	Constellium SE Constellium SE	5.875% 5.625%	2/15/26 6/15/28	747 500	698 453
1	Constellium SE	3.750%	4/15/29	1,105	880
1	Crown Americas LLC	5.250%	4/1/30	655	617
	Crown Americas LLC / Crown	4 7500	016105	0 715	0 500
1,2	Americas Capital Corp. VI Crown European Holdings SA	4.750%	2/1/26	2,715	2,588
1	Diamond BC BV	2.875% 4.625%	2/1/26 10/1/29	1,555 360	1,525 288
1	FMG Resources August 2006 Pty			000	
1	Ltd. FMG Resources August 2006 Pty	5.875%	4/15/30	870	791
1	Ltd. FMG Resources August 2006 Pty	4.375%	4/1/31	1,925	1,584
	Ltd.	6.125%	4/15/32	885	797

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)		
	Graphic Packaging International LLC	4.125%	8/15/24	1,045	1,026	1	Fai
1	Graphic Packaging International LLC	4.750%	7/15/27	205	194	1	Gai
1	Graphic Packaging International LLC	3.500%	3/15/28	1,990	1,721	1	Gai
1	Graphic Packaging International LLC	3.500%	3/1/29	540	458	1	II-V
1	Graphic Packaging International LLC	3.750%	2/1/30	485	413	1	Imo
1	NOVA Chemicals Corp.	5.250%	6/1/27	1,409	1,211	1	Mir
1	Novelis Corp.	3.250%	11/15/26	635	538	1	MS
1	Novelis Corp.	4.750%	1/30/30	1,369	1,138	1	MS
1	Novelis Corp.	3.875%	8/15/31	970	747	1	Nie
1	OCI NV	4.625%	10/15/25	555	539		F
	Olin Corp.	5.125%	9/15/27	1,406	1,294	1	Nie
	Olin Corp.	5.625%	8/1/29	705	628	1	F
1	Olin Corp. Owens-Brockway Glass	5.000%	2/1/30	687	595		Nie F Nol
1	Container Inc. Owens-Brockway Glass	5.875%	8/15/23	1,471	1,457		No
1	Container Inc. Owens-Brockway Glass	5.375%	1/15/25	640	604		No No
1	Container Inc. Owens-Brockway Glass	6.375%	8/15/25	1,245	1,187	1 1	No Op
	Container Inc.	6.625%	5/13/27	1,180	1,101	1	Op
1	Sealed Air Corp.	4.000%	12/1/27	424	382	1	Op
	Silgan Holdings Inc.	4.125%	2/1/28	1,045	938	1	Ор
2	Silgan Holdings Inc.	2.250%	6/1/28	1,320	1,083	1	Pre
1	Standard Industries Inc.	5.000%	2/15/27	700	635	1	Pre
1	Standard Industries Inc.	4.750%	1/15/28	1,160	992	1	PT(
1	Standard Industries Inc.	4.375%	7/15/30	2,560	2,025	1	PT(
1	Standard Industries Inc.	3.375%	1/15/31	2,955	2,169	1	Squ
2	Trivium Packaging Finance BV	3.750%	8/15/26	1,000	959	1	Squ
1,2	Inviant i dekaging i manee bv	3.750%	8/15/26	480	460	1	SS
1 1	Trivium Packaging Finance BV	5.500%	8/15/26	745	702		We
	Tronox Inc.	4.625%	3/15/29	2,455 _	1,984		Xer Xer
-					53,647		Xer
1 1	al Estate (1.2%)		0/1 = 10 =		500	1	Xer
1	Iron Mountain Inc.	4.875%	9/15/27	595	538	1	Xer
1	Iron Mountain Inc. Park Intermediate Holdings LLC / PK	4.875%	9/15/29	782	655		
	Domestic Property LLC / PK Finance Co-Issuer	4.875%	5/15/29	265	228	U	tilitie
	Service Properties Trust	4.875 % 7.500 %	9/15/25	128	118		Am
	Service Properties Trust	5.250%	2/15/26	175	135		F
	Service Properties Trust	4.750%	10/1/26	893	651		Am F
	Service Properties Trust	4.950%	2/15/27	200	147		
	Service Properties Trust	5.500%	12/15/27	1,007	815		Am F
	Service Properties Trust	3.950%	1/15/28	485	337	1	Cle
	Service Properties Trust	4.950%	10/1/29	76	52	1	Cle
	Service Properties Trust	4.375%	2/15/30	467	315	1	Cle
1	VICI Properties LP / VICI Note Co Inc.	5.625%	5/1/24	150	148	1	Firs
1	VICI Properties LP / VICI Note Co. Inc.	4.250%	12/1/26	2,465	2,263	1	F Ne:
1	VICI Properties LP / VICI Note Co. Inc.	3.750%	2/15/27	458	402	1	F Ne:
1	VICI Properties LP / VICI Note Co. Inc.	4.625%	12/1/29	820	737	1	F
	me.	4.02370	12/1/20	- 020	7,541	1	Ne: F
	chnology (9.9%)						Sub S
1	Black Knight InfoServ LLC	3.625%	9/1/28	2,147	1,865		
1	Booz Allen Hamilton Inc.	3.875%	9/1/28	415	367	_	
1	Booz Allen Hamilton Inc.	4.000%	7/1/29	405	358	То	otal C
1	CDK Global Inc.	4.875%	6/1/27	524	519	FI	oatin
1	CDK Global Inc.	5.250%	5/15/29	1,480	1,454	5	
	CDW LLC / CDW Finance Corp.	5.500%	12/1/24	112	112	c	AP
	CDW LLC / CDW Finance Corp.	4.125%	5/1/25	1,340	1,303	5	
1	CDW LLC / CDW Finance Corp.	4.250%	4/1/28	2,495	2,260	5	AP.
	Condor Merger Sub Inc.	7.375%	2/15/30	835	679	5	+ A cu
1 1	Entegris Escrow Corp.	4.750%	4/15/29	875	816		Ası 1
1	Entegris Inc.	4.375%	4/15/28	1,905	1,701	5	Ası
1	Entegris Inc.	3.625%	5/1/29	575	481		L

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
1	Fair Isaac Corp.	4.000%	6/15/28	720	637
1	Gartner Inc.	3.625%	6/15/29	285	246
1	Gartner Inc.	3.750%	10/1/30	1,290	1,115
1	II-VI Inc.	5.000%	12/15/29	1,550	1,358
1	Imola Merger Corp.	4.750%	5/15/29	6,635	5,564
1	Minerva Merger Sub Inc.	6.500%	2/15/30	2,093	1,746
1	MSCI Inc.	4.000%	11/15/29	1,730	1,535
1					
1	MSCI Inc.	3.625%	11/1/31	35	29
1	Nielsen Finance LLC / Nielsen Finance Co.	4.500%	7/15/29	2,050	1,856
1	Nielsen Finance LLC / Nielsen Finance Co.	5.875%	10/1/30	100	92
'	Nielsen Finance LLC / Nielsen	4 7500/	7/15/01	1 400	1 0 4 4
	Finance Co.	4.750%	7/15/31	1,490	1,344
	Nokia of America Corp.	6.500%	1/15/28	1,355	1,353
	Nokia of America Corp.	6.450%	3/15/29	2,612	2,500
	Nokia OYJ	4.375%	6/12/27	725	687
	Nokia OYJ	6.625%	5/15/39	3,460	3,418
1	NortonLifeLock Inc.	5.000%	4/15/25	3,475	3,395
1	Open Text Corp.	3.875%	2/15/28	3,103	2,756
1	Open Text Corp.	3.875%	12/1/29	830	699
1	Open Text Holdings Inc.	4.125%	2/15/30	1,830	1,560
1	Open Text Holdings Inc.	4.125%	12/1/31	940	782
1	Presidio Holdings Inc.	4.875%	2/1/27	2,667	2,442
1	Presidio Holdings Inc.	8.250%	2/1/28	825	726
1	PTC Inc.	3.625%	2/15/25	335	319
1	PTC Inc.	4.000%		635	587
1			2/15/28		
1	Square Inc.	2.750%	6/1/26	1,000	889
	Square Inc.	3.500%	6/1/31	210	169
1	SS&C Technologies Inc.	5.500%	9/30/27	4,075	3,832
	Western Digital Corp.	4.750%	2/15/26	1,504	1,438
	Xerox Corp.	4.625%	3/15/23	698	697
	Xerox Corp.	4.800%	3/1/35	542	412
	Xerox Corp.	6.750%	12/15/39	1,995	1,690
1	Xerox Holdings Corp.	5.000%	8/15/25	155	144
1	Xerox Holdings Corp.	5.500%	8/15/28	4,685	3,934
	Xelox Holdings corp.	0.000 /0	0/10/20	-,000 -	
Uti	lities (1.9%)				61,866
	AmeriGas Partners LP / AmeriGas				
	Finance Corp.	5.625%	5/20/24	1,395	1,357
	AmeriGas Partners LP / AmeriGas				
	Finance Corp.	5.500%	5/20/25	620	584
	AmeriGas Partners LP / AmeriGas				
	Finance Corp.	5.875%	8/20/26	1,765	1,653
1	Clearway Energy Operating LLC	4.750%	3/15/28	571	517
1	Clearway Energy Operating LLC	3.750%	2/15/31	2,370	1,922
1	Clearway Energy Operating LLC	3.750%	1/15/32	325	257
		4.400%	7/15/32		262
1	FirstEnergy Corp. NextEra Energy Operating	+.4UU 70	7/10/27	280	202
1	Partners LP	4.250%	7/15/24	983	941
	NextEra Energy Operating Partners LP	4.250%	9/15/24	103	99
1	NextEra Energy Operating Partners LP	3.875%	10/15/26	3,035	2,763
1	NextEra Energy Operating Partners LP	4.500%	9/15/27	700	648
1	Suburban Propane Partners LP / Suburban Energy Finance Corp.	5.000%	6/1/31	590	502
					11,505
Tot	al Corporate Bonds (Cost \$640,272)				557,655
	ating Rate Loan Interests (5.8%)				
5	-				
	APX Group Inc. Term Loan B, 1M USD LIBOR + 3.500%	5.009%	7/10/28	1,266	1,193
5	APX Group Inc. Term Loan B, Prime		.,,	.,200	.,
	+ 2.500%	7.250%	7/10/28	4	4
5	Asurion LLC 2nd Lien Term Loan B-4,	1.20070	1110/20	4	+
	1M USD LIBOR + 5.250%	6.916%	1/20/29	271	230
5	Asurion LLC Term Loan B-7, 1M USD	5.51070	1/20/20	271	200
	LIBOR + 3.000%	4.666%	11/3/24	2,986	2,793

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
5	Asurion LLC Term Loan B-8, 1M USD LIBOR + 3.250%	4.916%	12/23/26	1,173	1,060
5	Asurion LLC Term Loan B-9, 1M USD LIBOR + 3.250%	4.916%	7/31/27	2,023	1,825
5	Athenahealth Inc. Term Loan B, TSFR1M + 3.500%	5.009%	2/15/29	1,124	1,030
5	Beacon Roofing Supply Inc. Term Loan B, 1M USD LIBOR + 2.250%	3.916%	5/19/28	376	358
5	Brown Group Holding LLC Term Loan B, 3M USD LIBOR + 2.500%	4.166%	6/7/28	2,477	2,354
5	Chamberlain Group Inc. Term Loan B, 3M USD LIBOR + 3.500%	4.506%	11/3/28	1,661	1,505
5	Clarios Global LP Term Loan B, 1M USD LIBOR + 3.250%	4.916%	4/30/26	917	851
5	Dun & Bradstreet Corp. Term Loan, 1M USD LIBOR + 3.250%	4.874%	2/6/26	4,284	4,034
5	Great Outdoors Group LLC Term Loan B-1, 1M USD LIBOR +				
5	3.750% HUB International Ltd. Term Loan B,	5.416%	3/6/28	1,833	1,672
5	3M USD LIBOR + 3.250%	4.348%	4/25/25	1,241	1,172
	IRB Holding Corp. Term Loan B, TSFR1M + 3.150%	4.238%	12/15/27	3,708	3,523
5	McAfee LLC Term Loan B, TSFR1M + 4.000%	5.145%	3/1/29	1,945	1,760
5	Medline Borrower LP Term Loan B, 1M USD LIBOR + 3.250%	1 916%	10/23/28	3,252	3,008
5	NorthRiver Midstream Finance LP	4.01070	10/20/20	0,202	0,000
	Term Loan B, 3M USD LIBOR + 3.250%	4.217%	10/1/25	717	697
5	Owens & Minor Inc. Term Loan B, SOFR + 3.750%	4.250%	3/29/29	319	316
5	Peraton Corp. Term Loan B, 1M USD LIBOR + 3.750%	5.416%	2/1/28	1,629	1,527
5	SRAM LLC Term Loan B, 6M USD LIBOR + 2.750%				
5	SRS Distribution Inc. Term Loan,	4.416%	5/18/28	1,566	1,484
5	TSFR3M + 3.500% SS&C European Holdings Sarl Term	4.000%	6/2/28	184	169
	Loan B-4, 1M USD LIBOR + 1.750%	3.416%	4/16/25	436	414
5	SS&C Technologies Inc. Term Loan B-3, 1M USD LIBOR + 1.750%	3.416%	4/16/25	536	510
	, 000 1.00110070	2	., . 0, 20	000	0.0

		Coupon	Maturity Date	Face Amount (\$000)	Market Value• (\$000
5	SS&C Technologies Inc. Term Loan B-5, 1M USD LIBOR + 1.750% Trans Union LLC Term Loan B-6, 1M	3.416%	4/16/25	651	619
5	USD LIBOR + 2.250% WW International Inc. Term Loan B,	3.916%	12/1/28	1,872	1,783
	1M USD LIBOR + 3.500%	5.170%	4/13/28	102	78
Tot	tal Floating Rate Loan Interests (Cost	t \$38,436)			35,969
Ter	mporary Cash Investments (2.6%)				
Re	purchase Agreement (2.6%) Bank of America Securities, LLC (Dated 6/30/22, Repurchase Value \$16,401,000, collateralized by Fannie Mae 2.000%, 2/1/52, with a value of \$16,728,000) (Cost \$16,400)	1.550%	7/1/22	16,400	16,400
Tot	tal Investments (97.9%) (Cost \$695,10)8)			610,024
Otl	her Assets and Liabilities—Net (2.1%	5)			13,099
	t Assets (100%)				623,123

Other Financial Instruments as of Period End

Floating Rate Loan Commitments

	Total	Fair		
	Unfunded	Value	Unrealized	Unrealized
	Commitment (\$000)	Commitment (\$000)	Appreciation (\$000)	Depreciation (\$000)
Athenahealth Inc.	191	180	_	(11)

Derivative Financial Instruments Outstanding as of Period End

Forward Currency Contracts

	Contract Settlement		Cont	ract Am	ount (000)	Unrealized Appreciation	Unrealized Depreciation
Counterparty	Date		Receive		Deliver	(\$000)	(\$000)
UBS AG	7/29/22	USD	1,992	CAD	2,565	_	(1)
BNP Paribas	7/29/22	USD	24,957	EUR	23,688	84	_
Toronto-Dominion Bank	7/29/22	USD	1,430	GBP	1,174	1	_
						85	(1)

CAD—Canadian dollar. EUR—euro. GBP—British pound. USD—U.S. dollar.

Centrally Cleared Credit Default Swaps

Reference Entity	Termination Date	Notional Amount (000	,	Value (\$000)	Unrealized Appreciation (Depreciation) (\$000)
Credit Protection Sold					
CDX-NA-HY-S38-V2	6/21/27	USD 11,410	5.000	(325)	(214)

1 Periodic premium received/paid quarterly. USD—U.S. dollar.

The notional amount represents the maximum potential amount the fund could be required to pay as a seller of credit protection if the reference entity was subject to a credit event.

At June 30, 2022, the counterparties had deposited in segregated accounts securities with a value of \$530,000 in connection with open forward currency contracts.

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value—Unaffiliated Issuers (Cost \$695,108)	610,024
Investment in Vanguard	24
Cash	18
Cash Collateral Pledged—Centrally Cleared Swap Contracts	1,050
Foreign Currency, at Value (Cost \$241)	242
Receivables for Investment Securities Sold	3,472
Receivables for Accrued Income	8,770
Receivables for Capital Shares Issued	187
Unrealized Appreciation—Forward Currency Contracts	85
Total Assets	623,872
Liabilities	
Payables for Investment Securities Purchased	273
Payables to Investment Advisor	101
Payables for Capital Shares Redeemed	256
Payables to Vanguard	53
Unrealized Depreciation - Floating Rate Loan Commitments	11
Unrealized Depreciation—Forward Currency Contracts	1
Variation Margin Payable—Centrally Cleared Swap Contracts	54
Total Liabilities	749
Net Assets	623,123

At June 30, 2022, net assets consisted of:

Net Assets Applicable to 93,102,263 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	
Net Assets	623,123
Total Distributable Earnings (Loss)	(82,067
Paid-in Capital	705,190

Statement of Operations

Six Months Ended June 30, 2022 (\$000)

Investment Income	
Income	
Interest ¹	16,605
Total Income	16,605
Expenses	
Investment Advisory Fees—Note B	210
The Vanguard Group—Note C	
Management and Administrative	633
Marketing and Distribution	31
Custodian Fees	7
Shareholders' Reports	17
Trustees' Fees and Expenses	—
Other Expenses	6
Total Expenses	904
Net Investment Income	15,701
Realized Net Gain (Loss)	
Investment Securities Sold	(2,851)
Swap Contracts	(311)
Forward Currency Contracts	2,309
Foreign Currencies	(34)
Realized Net Gain (Loss)	(887)
Change in Unrealized Appreciation (Depreciation)	
Investment Securities	(109,600)
Floating Rate Loan Commitments	(11)
Swap Contracts	(214)
Forward Currency Contracts	467
Foreign Currencies	(8)
Change in Unrealized Appreciation (Depreciation)	(109,366)
Net Increase (Decrease) in Net Assets Resulting from Operations	(94,552)

1 Interest is net of foreign withholding taxes of \$4,000.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	15,701	33,835
Realized Net Gain (Loss)	(887)	11,770
Change in Unrealized Appreciation (Depreciation)	(109,366)	(17,094)
Net Increase (Decrease) in Net Assets Resulting from Operations	(94,552)	28,511
Distributions		
Total Distributions	(33,997)	(34,925)
Capital Share Transactions		
Issued	64,527	118,974
Issued in Lieu of Cash Distributions	33,997	34,925
Redeemed	(125,557)	(199,987)
Net Increase (Decrease) from Capital Share Transactions	(27,033)	(46,088)
Total Increase (Decrease)	(155,582)	(52,502)
Net Assets		
Beginning of Period	778,705	831,207
End of Period	623,123	778,705

Financial Highlights

	Six Months					
For a Share Outstanding	Ended June 30,			Year En	ided Decei	mber 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$8.06	\$8.12	\$8.19	\$7.53	\$8.13	\$7.99
Investment Operations						
Net Investment Income ¹	.166	.337	.353	.410	.420	.419
Net Realized and Unrealized Gain (Loss) on Investments	(1.165)	(.053)	.021	.731	(.636)	.119
Total from Investment Operations	(.999)	.284	.374	1.141	(.216)	.538
Distributions						
Dividends from Net Investment Income	(.371)	(.344)	(.444)	(.481)	(.384)	(.398)
Distributions from Realized Capital Gains	_	_	_	_	_	_
Total Distributions	(.371)	(.344)	(.444)	(.481)	(.384)	(.398)
Net Asset Value, End of Period	\$6.69	\$8.06	\$8.12	\$8.19	\$7.53	\$8.13
Total Return	-12.75%	3.68%	5.67%	15.67%	-2.73%	7.00%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$623	\$779	\$831	\$783	\$704	\$752
Ratio of Total Expenses to Average Net Assets	0.26%	0.26%	0.26%	0.26%	0.26%	0.28%
Ratio of Net Investment Income to Average Net Assets	4.52%	4.22%	4.57%	5.21%	5.39%	5.22%
Portfolio Turnover Rate	12%	30%	41%	27%	23%	28%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

Notes to Financial Statements

The High Yield Bond Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Certain of the portfolio's investments are in corporate debt instruments; the issuers' abilities to meet their obligations may be affected by economic developments in their respective industries. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Bonds and temporary cash investments are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value.

2. Foreign Currency: Securities and other assets and liabilities denominated in foreign currencies are translated into U.S. dollars using exchange rates obtained from an independent third party as of the portfolio's pricing time on the valuation date. Realized gains (losses) and unrealized appreciation (depreciation) on investment securities include the effects of changes in exchange rates since the securities were purchased, combined with the effects of changes in security prices. Fluctuations in the value of other assets and liabilities resulting from changes in exchange rates are recorded as unrealized foreign currency gains (losses) until the assets or liabilities are settled in cash, at which time they are recorded as realized foreign currency gains (losses).

3. Floating Rate Loan Interests: Floating rate loan interests represent interests in amounts owed by corporate or other borrowers. These instruments may be in the form of loans, trade claims or other receivables and may include standby financing commitments such as revolving credit facilities that obligate the portfolio to supply additional cash to the borrower on demand. Floating rate loan interests may be made directly with a borrower or acquired through assignment or participation. The portfolio's right to enforce a borrower's compliance with the terms of the loan agreement, or benefit directly from the collateral supporting the loan, varies when the loan is a direct borrowing, an assignment, or a participation. Floating rate loan interests involve various risks including risk of loss in case of default, insolvency, or the bankruptcy of the borrower and are generally subject to restrictions on transfer with limited opportunities to sell them in secondary markets. The portfolio may also invest in loan commitments, which are contractual obligations for a future funding. The portfolio may earn a commitment fee on any unfunded portion of these commitments which is amortized to interest income over the commitment period. Both the funded portion of a floating rate loan interest as well as its unfunded commitment, if any, is reflected on the Schedule of Investments.

4. Repurchase Agreements: The portfolio enters into repurchase agreements with institutional counterparties. Securities pledged as collateral to the portfolio under repurchase agreements are held by a custodian bank until the agreements mature, and in the absence of a default, such collateral cannot be repledged, resold, or rehypothecated. Each agreement requires that the market value of the collateral be sufficient to cover payments of interest and principal. The portfolio further mitigates its counterparty risk by entering into repurchase agreements only with a diverse group of prequalified counterparties, monitoring their financial strength, and entering into master repurchase agreements with its counterparties. The master repurchase agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any repurchase agreements with that counterparty, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio. Such action may be subject to legal proceedings, which may delay or limit the disposition of collateral.

5. Forward Currency Contracts: The portfolio enters into forward currency contracts to protect the value of securities and related receivables and payables against changes in future foreign exchange rates. The portfolio's risks in using these contracts include movement in the values of the foreign currencies relative to the U.S. dollar and the ability of the counterparties to fulfill their obligations under the contracts. The portfolio mitigates its counterparty risk by entering into forward currency contracts only with a diverse group of prequalified counterparties, monitoring their financial strength,

entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the portfolio cannot be repledged, resold, or rehypothecated. The master netting arrangements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate the forward currency contracts, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the portfolio under the master netting arrangements. The forward currency contracts contain provisions whereby a counterparty may terminate open contracts if the portfolio's net assets decline below a certain level, triggering a payment by the portfolio if the portfolio is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the portfolio has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the forward currency contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

Forward currency contracts are valued at their quoted daily prices obtained from an independent third party, adjusted for currency risk based on the expiration date of each contract. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on forward currency contracts.

During the six months ended June 30, 2022, the portfolio's average investment in forward currency contracts represented 5% of net assets, based on the average of the notional amounts at each quarter-end during the period.

6. Swap Contracts: The portfolio invests in credit default swaps to adjust the overall credit risk of the portfolio or to actively overweight or underweight credit risk to a specific issuer or group of issuers. The portfolio may sell credit protection through credit default swaps to simulate investments in long positions that are either unavailable or considered to be less attractively priced in the bond market. The portfolio may purchase credit protection through credit default swaps to reduce credit exposure to a given issuer or issuers. Under the terms of the swaps, an up-front payment may be exchanged between the seller and buyer. In addition, the seller of the credit protection receives a periodic payment of premium from the buyer that is a fixed percentage applied to a notional amount. If, for example, the reference entity is subject to a credit event (such as bankruptcy, failure to pay, or obligation acceleration) during the term of the swap, the seller agrees to either physically settle or cash settle the swap contract. If the swap is physically settled, the seller agrees to pay the buyer an amount equal to the notional amount and take delivery of a debt instrument of the reference issuer with a par amount equal to such notional amount. If the swap is cash settled, the seller agrees to pay the buyer the difference between the notional amount and the final price for the relevant debt instrument, as determined either in a market auction or pursuant to a pre-agreed-upon valuation procedure

The portfolio enters into centrally cleared credit default swaps to achieve the same objectives specified with respect to the equivalent over-the-counter swaps but with less counterparty risk because a regulated clearinghouse is the counterparty instead of the clearing broker or executing broker. The clearinghouse imposes initial margin requirements to secure the portfolio's performance, and requires daily settlement of variation margin representing changes in the market value of each contract. To further mitigate counterparty risk, the portfolio trades with a diverse group of prequalified executing brokers; monitors the financial strength of its clearing brokers, executing brokers, and clearinghouse; and has entered into agreements with its clearing brokers and executing brokers.

A risk associated with all types of swaps is the possibility that a counterparty may default on its obligation to pay net amounts due to the portfolio. The portfolio's maximum amount subject to counterparty risk is the unrealized appreciation on the swap contract. The portfolio mitigates its counterparty risk by entering into swaps only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the portfolio cannot be repledged, resold, or rehypothecated. In the event of a counterparty's default (including bankruptcy), the portfolio may terminate any swap contracts with that counterparty, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the portfolio under the master netting arrangements. The swap contracts contain provisions whereby a counterparty may terminate open contracts if the portfolio's net assets decline below a certain level, triggering a payment by the portfolio if the portfolio is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the portfolio has pledged. Any securities pledged as collateral for open contracts are noted in the

Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the swap contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

The notional amounts of swap contracts are not recorded in the Statement of Assets and Liabilities. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until periodic payments are made or the termination of the swap, at which time realized gain (loss) is recorded.

During the six months ended June 30, 2022, the portfolio's average amounts of investments in credit protection sold and credit protection purchased represented 1% and 0% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period.

7. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

8. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

9. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's board of trustees and included in Management and Administrative expenses on the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

10. Other: Interest income is accrued daily. Premiums and discounts on debt securities are amortized and accreted, respectively, to interest income over the lives of the respective securities, except for premiums on certain callable debt securities that are amortized to the earliest call date. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. Wellington Management Company LLP provides investment advisory services to the portfolio for a fee calculated at an annual percentage rate of average net assets. For the six months ended June 30, 2022, the investment advisory fee represented an effective annual basic rate of 0.06% of the portfolio's average net assets.

In July 2022, the board of trustees approved adding Vanguard as an investment advisor to a portion of the portfolio, effective on August 29, 2022.

C. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$24,000, representing less than 0.01% of the portfolio's net assets and 0.01% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

D. Various inputs may be used to determine the value of the portfolio's investments, other financial instruments, and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments, other financial instruments, and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

The following table summarizes the market value of the portfolio's investments, other financial instruments, and derivatives as of June 30, 2022, based on the inputs used to value them:

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)	Total (\$000)
Investments				
Assets				
Corporate Bonds	_	557,655	_	557,655
Floating Rate Loan Interests	_	35,969	_	35,969
Temporary Cash Investments	_	16,400	_	16,400
Total	_	610,024	_	610,024
Other Financial Instruments				
Liabilities				
Floating Rate Loan Commitments	_	11	_	11
Derivative Financial Instruments				
Assets				
Forward Currency Contracts	_	85	_	85
Liabilities				
Forward Currency Contracts	_	1	_	1
Swap Contracts	214 ¹	_	_	214
Total	214	1	_	215

1 Includes cumulative appreciation (depreciation) on futures contracts and centrally cleared swaps, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

E. At June 30, 2022, the fair values of derivatives were reflected in the Statement of Assets and Liabilities as follows:

Statement of Assets and Liabilities	Foreign Exchange Contracts (\$000)	Credit Contracts (\$000)	Total (\$000)
Unrealized Appreciation—Forward Currency Contracts	85	_	85
Total Assets	85	_	85
Unrealized Depreciation—Centrally Cleared Swap Contracts ¹	_	214	214
Unrealized Depreciation—Forward Currency Contracts	1	_	1
Liabilities	1	214	215

1 Includes cumulative appreciation (depreciation) on futures contracts and centrally cleared swaps, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

Realized net gain (loss) and the change in unrealized appreciation (depreciation) on derivatives for the six months ended June 30, 2022, were:

Realized Net Gain (Loss) on Derivatives	Foreign Exchange Contracts (\$000)	Credit Contracts (\$000)	Total (\$000)
Swap Contracts	_	(311)	(311)
Forward Currency Contracts	2,309	_	2,309
Realized Net Gain (Loss) on Derivatives	2,309	(311)	1,998
Change in Unrealized Appreciation (Depreciation) on Derivatives			
Swap Contracts	_	(214)	(214)
Forward Currency Contracts	467	_	467

F. As of June 30, 2022, gross unrealized appreciation and depreciation for investments, other financial instruments, and derivatives based on cost for U.S. federal income tax purposes were as follows:

467

(214)

253

	Amount (\$000)
Tax Cost	695,018
Gross Unrealized Appreciation	1,316
Gross Unrealized Depreciation	(86,451)
Net Unrealized Appreciation (Depreciation)	(85,135)

The portfolio's tax-basis capital gains and losses are determined only at the end of each fiscal year. For tax purposes, at December 31, 2021, the portfolio had available capital losses totaling \$10,614,000 that may be carried forward indefinitely to offset future net capital gains. The portfolio will use these capital losses to offset net taxable capital gains, if any, realized during the year ending December 31, 2022; should the portfolio realize net capital losses for the year, the losses will be added to the loss carryforward balance above.

G. During the six months ended June 30, 2022, the portfolio purchased \$78,246,000 of investment securities and sold \$106,658,000 of investment securities, other than temporary cash investments.

H. Capital shares issued and redeemed were:

Change in Unrealized Appreciation (Depreciation) on Derivatives

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	Shares (000)	Shares (000)
Issued	8,668	14,871
Issued in Lieu of Cash Distributions	4,683	4,518
Redeemed	(16,902)	(25,144)
Net Increase (Decrease) in Shares Outstanding	(3,551)	(5,755)

At June 30, 2022, one shareholder (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 43% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

I. Management has determined that no other events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds High Yield Bond Portfolio has renewed the portfolio's investment advisory arrangement with Wellington Management Company LLP (Wellington Management). The board determined that renewing the portfolio's advisory arrangement was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term and took into account the organizational depth and stability of the advisor. The board considered that Wellington Management, founded in 1928, is among the nation's oldest and most respected institutional investment managers. The portfolio manager is supported by a dedicated team of high-yield and bank loan analysts who conduct in-depth credit research on high-yield issuers, seeking to identify those with stable or improving business prospects and attractive yields. Wellington Management focuses on higher-quality bonds, as it believes that these issues offer a more attractive risk/return trade-off over the long term than lower-rated bonds within the high-yield universe. The advisor seeks to maintain credit quality and diversification guidelines in order to minimize the risk of potential defaults. Wellington Management has advised the portfolio since its inception in 1996.

The board concluded that the advisor's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with a relevant benchmark index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory fee rate was also below the peer-group average.

The board did not consider the profitability of Wellington Management in determining whether to approve the advisory fee, because Wellington Management is independent of Vanguard and the advisory fee is the result of arm's-length negotiations.

The benefit of economies of scale

The board concluded that the portfolio realizes economies of scale that are built into the negotiated advisory fee rate without any need for asset-level breakpoints. The advisory fee rate is very low relative to the average rate paid by funds in the portfolio's peer group.

The board will consider whether to renew the advisory arrangement again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the High Yield Bond Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

This page intentionally left blank.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Annuity and Insurance Services > 800-522-5555

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing $> 800\mathchar`-749\mathchar`-7273$

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Mid-Cap Index Portfolio

Contents

About Your Portfolio's Expenses 1	
Financial Statements 3	ł
Trustees Approve Advisory Arrangement14	÷
Liquidity Risk Management15	j.

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Six Months Ended June 30, 2022

Mid-Cap Index Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$ 777.20	\$0.75
Based on Hypothetical 5% Yearly Return	1,000.00	1,023.95	0.85

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.17%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Mid-Cap Index Portfolio

Portfolio Allocation

As of June 30, 2022

Basic Materials	4.1%
Consumer Discretionary	12.5
Consumer Staples	5.4
Energy	6.1
Financials	12.1
Health Care	11.0
Industrials	14.2
Real Estate	10.3
Technology	15.1
Telecommunications	1.8
Utilities	7.4

The table reflects the portfolio's investments, except for short-term investments and derivatives. Sector categories are based on the Industry Classification Benchmark ("ICB"), except for the "Other" category (if applicable), which includes securities that have not been provided an ICB classification as of the effective reporting period.

The portfolio may invest in derivatives (such as futures and swap contracts) for various reasons, including, but not limited to, attempting to remain fully invested and tracking its target index as closely as possible.

The Industry Classification Benchmark ("ICB") is owned by FTSE. FTSE does not accept any liability to any person for any loss or damage arising out of any error or omission in the ICB.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

	Shares	Market Value• (\$000)
Common Stocks (99.7%)		(\$000)
Basic Materials (4.1%) International Flavors & Fragrances Inc.	95,055	11,323
Fastenal Co.	214,702	10,718
Nucor Corp.	99,253	10,363
Albemarle Corp.	43,646	9,121
LyondellBasell Industries NV Class A	97,797	8,554
CF Industries Holdings Inc.	77,794	6,669
Mosaic Co.	135,000	6,376
International Paper Co.	138,352	5,787
FMC Corp.	47,006	5,030
Avery Dennison Corp.	30,490	4,936
Eastman Chemical Co.	48,125	4,320
Celanese Corp.	36,367	4,277
Westlake Corp.	5,947	583
Consumer Discretionary (12.5%)		88,057
Dollar Tree Inc.	79,944	12,459
Aptiv plc	101,051	9,001
Copart Inc.	79,830	8,674
Tractor Supply Co.	41,713	8,086
Southwest Airlines Co.	221,200	7,990
AutoZone Inc.	3,694	7,939
DR Horton Inc.	118,139	7,820
Ulta Beauty Inc.	19,472	7,506
Take-Two Interactive Software Inc. Genuine Parts Co.	60,497	7,413
Delta Air Lines Inc.	52,783	7,020
Trade Desk Inc. Class A	239,100 164,900	6,927 6,908
Lennar Corp. Class A	95,292	6,725
Chipotle Mexican Grill Inc.	4,948	6,468
Hilton Worldwide Holdings Inc.	51,900	5,784
VF Corp.	130,785	5,777
Garmin Ltd.	57,746	5,674
CarMax Inc.	59,977	5,427
Expedia Group Inc.	56,549	5,363
Darden Restaurants Inc.	46,494	5,259
Domino's Pizza Inc.	13,459	5,245
Best Buy Co. Inc.	75,530	4,924
Omnicom Group Inc.	76,844	4,888
Paramount Global Class B	194,041	4,789
NVR Inc.	1,163	4,657
Live Nation Entertainment Inc.	55,319	4,568
LKQ Corp.	89,638	4,400
eBay Inc.	104,400	4,350
United Airlines Holdings Inc. Advance Auto Parts Inc.	122,004 22,686	4,321 3,927
Hasbro Inc.	46,788	3,927
Fox Corp. Class A	115,100	3,702
MGM Resorts International	127,196	3,682
ROBLOX Corp. Class A	111,200	3,654
PulteGroup Inc.	88,628	3,512
Etsy Inc.	47,400	3,470
Burlington Stores Inc.	24,660	3,359
Whirlpool Corp.	20,916	3,239
Rollins Inc.	91,817	3,206
BorgWarner Inc.	89,340	2,981
Caesars Entertainment Inc.	76,000	2,911
News Corp. Class A	184,821	2,880

		Shares	Market Value• (\$000)
*	Royal Caribbean Cruises Ltd.	80,843	2,822
*	Carnival Corp.	313,716	2,714
	Pool Corp.	7,100	2,494
*	Las Vegas Sands Corp.	64,100	2,153
*	Liberty Media CorpLiberty SiriusXM Class C	57,736	2,081
	Interpublic Group of Cos. Inc.	73,601	2,026
	Lucid Group Inc.	109,543	1,880
1	Sirius XM Holdings Inc.	294,600	1,806
	Fox Corp. Class B	56,168	1,668
*	Vail Resorts Inc.	7,552	1,647
* 1	American Airlines Group Inc.	120,551	1,529
, '	GameStop Corp. Class A	12,100	1,480
*,1	Lear Corp.	11,129	1,401
*	AMO Entertainment holuings inc. Class A	96,200	1,304
	Chewy Inc. Class A Bath & Body Works Inc.	33,320 42,200	1,157
*	Wynn Resorts Ltd.	42,200	1,136 1,108
	Warner Music Group Corp. Class A	43,267	1,054
*	Liberty Media CorpLiberty SiriusXM Class A	28,745	1,036
*	Endeavor Group Holdings Inc. Class A	47,626	979
*	Lyft Inc. Class A	53,798	714
*	Wayfair Inc. Class A	14,013	610
*	Carvana Co.	18,700	422
	Lennar Corp. Class B	6,899	405
	Paramount Global Class A	2,790	76
	News Corp. Class B	3,475	55
Co	nsumer Staples (5.4%)	-	266,473
00	Corteva Inc.	270,669	14,654
	Kroger Co.	241,904	11,449
	Tyson Foods Inc. Class A	108,715	9,356
	McKesson Corp.	27,100	8,840
	Church & Dwight Co. Inc.	90,630	8,398
	AmerisourceBergen Corp.	58,624	8,294
	Archer-Daniels-Midland Co.	104,900	8,140
	McCormick & Co. Inc. (Non-Voting)	93,326	7,769
	Kellogg Co.	94,420	6,736
	Clorox Co.	46,011	6,487
	Conagra Brands Inc.	179,314	6,140
	J M Smucker Co.	38,380	4,913
	Hormel Foods Corp.	101,687	4,816
	Campbell Soup Co. Lamb Weston Holdings Inc.	73,058	3,511 1,930
	Molson Coors Beverage Co. Class B	27,013 33,608	1,930
	Albertsons Cos. Inc. Class A	28,600	764
*	Olaplex Holdings Inc.	36,158	510
			114,539
En	ergy (6.1%)		40
	Devon Energy Corp.	246,200	13,568
	Cheniere Energy Inc.	85,320	11,350
	Hess Corp.	104,536	11,075
*	Baker Hughes Co.	367,312	10,604
	Enphase Energy Inc. Halliburton Co.	50,400 302,855	9,840 9.498
	ONEOK Inc.	302,855 166,682	9,498 9,251
	Occidental Petroleum Corp.	139,800	9,251 8,231
	Valero Energy Corp.	76,100	8,088
	Diamondback Energy Inc.	66,200	8,020
	Coterra Energy Inc.	285,500	7,363
	- 57	,0	,

Shares Constraint Philips 66 89,700 7 Williams Cos. Inc. 221,164 7 Pug Power Inc. 215,600 3 Marathon Oil Corp. 132,100 2 Continental Resources Inc. 20,400 1 Financials (12.0%) 1 129 Arthur J Gallagher & Co. 78,400 12 MSCI Inc. 28,229 11 M&Thank Corp. 66,886 00 Discover Financial Services 104,832 9 Armeriprise Financial Inc. 40,992 9 First Republic Bank 67030 9 SVB Financial Group 21,967 8 Willis Towers Watson plc 41,557 8 Hartford Financial Group Inc. 142,800 7 Northern Trust Corp. 73,830 7 Cincinat Financial Group Inc. 143,439 6 Raymond James Financial Inc. 72,887 6 Markel Corp. 43,44 6 Principal Financial Group Inc. <				Markat
Phillips 66 89,700 7 Williams Cos. Inc. 221,164 7 Plug Power Inc. 215,600 3 Marathon Oil Corp. 132,100 1 Continental Resources Inc. 20,400 1 Financials (12,0%) 1 129 Arthur J Gallagher & Co. 78,400 12 MSCI Inc. 28,829 11 MST Bank Corp. 66,886 100 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67,030 9 State Street Corp. 130,109 8 Hartford Financial Group Inc. 142,677 8 Hartford Financial Group Inc. 142,800 7 Northern Trust Corp. 56,904 6 Citizens Financial Corp. 53,830 6 Cincinnat Financial Corp. 34,493 6 Raymond James Financial Inc. 72,837 6 Huntington Bancshares Inc. 53,743 6				Market Value•
Williams Cos. Inc. 221164 7 Plug Power Inc. 215,600 3 Marathon Oil Corp. 132,100 2 Continental Resources Inc. 20,400 1 Financials (12.0%) 1 1 Arthur J Gallagher & Co. 78,400 12 MSCI Inc. 28,829 11 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,932 9 First Republic Bank 67,030 9 StyB Financial Gorup 21,967 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 7 Cincinnati Financial Group Inc. 147,800 7 Northern Tisut Corp. 73,830 7 Cincinnati Financial Corp. 348,433 6 Nasdaq Inc. 72,887 6 Huttington Bancshares Inc. 133,148 6 Marathol Corp. 4,8148 6				(\$000)
Plug Power Inc. 215.600 3 Marathon Oil Corp. 120,100 1 Financials (12.0%) 1 129 Arthur J Gallagher & Co. 78,400 12 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 3 First Republic Bank 67030 9 SVB Financial Group 21,967 8 First Republic Bank 67030 9 SVB Financial Group 21,967 8 Hartford Financial Services Group Inc. 122,712 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,383 6 Chizens Financial Corp. 34,433 6 Raymond James Financial Inc. 72,887 6 Markel Corp. 43,144 6 Gradridge Financial Solutions Inc. 34,692 6 Markel Corp. 44,144 6 Markel Corp. 74,133 4				7,355
Marahon Oil Corp. 132,100 1 Financials (12.0%) 1 Arthur J Gallagher & Co. 78,400 1 MSCI Inc. 28,829 11 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67,030 9 Syb Financial Corup 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 73,830 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Group Inc. 144,860 7 Northern Trust Corp. 73,830 7 Cintizens Financial Corp. 348,433 6 Regions Financial Corp. 348,433 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 53,433 6	÷			7,090 3,572
Continental Resources Inc. 20,400 1 inancials (12.0%) 12 Arthur J Gallagher & Co. 78,400 12 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67030 9 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 73,830 7 Northern Trust Corp. 73,830 7 Cincinnat Financial Group Inc. 144,750 6 Raymond James Financial Inc. 72,887 6 Principal Financial Group Inc. 348,493 6 Principal Financial Group Inc. 43,144 6 Arch Capital Group Ltd. 133,148 6 Arch Capital Group Ltd. 133,148 6 Arch Capital Group Ltd. 14,157 <td< td=""><td></td><td>•</td><td></td><td>2,970</td></td<>		•		2,970
Financials (12.0%) 129 Arthur J Gallagher & Co. 78,400 12 MSCI Inc. 28,829 11 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67,030 9 SVB Financial Group 21,967 8 Hifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Corp. 348,493 6 Nasdaq Inc. 13,446 6 Nasdaq Inc. 32,433 6 Principal Financial Group Inc. 143,146 6 Markel Corp. 43,144 6 Markel Corp. 34,143 6 KeyCorp 34,133 4 6 Markel Corp. 74,134 <td></td> <td></td> <td></td> <td>1,333</td>				1,333
Arthur J Gallagher & Co. 78,400 12 MSC Inc. 28,829 11 M&T Bank Corp. 66,886 100 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67030 99 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,557 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 Cincinnat Financial Corp. 73,830 7 Cincinnat Financial Corp. 43,026 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 53,7433 6 Principal Financial Group Inc. 44,164 6 Arch Capital Group Ltd. 13,148 6 KeyCorp 4,814 6 Arch Capital Group Ltd. 13,148 6 KeyCorp 78,133 4 Cboe Global Management Inc. 14,779 5 <			_	129,208
MSCI Inc. 28,829 11 M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67,030 9 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 73,0109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Corp. 74,844 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Group Inc. 43,164 6 Markel Corp. 4,184 6 Arch Capital Group Ltd. 13,148 6 KeyCorp 74,134 5 Apollo Global Management Inc. 117,799 5	=in			
M&T Bank Corp. 66,886 10 Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson ple 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Corp. 56,904 6 Regions Financial Goup Inc. 184,750 6 Nasdaq Inc. 43,026 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 74,134 5 Leews Corp. 78,133 4 Choe Global Management Inc. 14,724		-		12,782
Discover Financial Services 104,832 9 Ameriprise Financial Inc. 40,992 9 First Republic Bank 67,030 9 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Icorp. 348,493 6 Raymord James Financial Inc. 72,887 6 Principal Financial Solutions Inc. 43,164 6 Markel Corp. 44,164 6 Broadridge Financial Solutions Inc. 43,148 6 Arch Capital Group Ltd. 13,148 6 KeyCorp 41,157 5 V R Berkley Corp. 74,133				11,882
Ameriprise Financial Inc. 40,992 9 First Republic Bank 67030 9 SVB Financial Group 21,567 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 12,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Corp. 56,904 6 Regions Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 44,157 5 FactSet Research Systems Inc. 11,779 5 Versest Re Group Ltd. 14,157 5 Lowws Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 <				10,661 9,915
First Republic Bank 67,030 9 SVB Financial Group 21,967 8 Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 73,830 77 Cincinnati Financial Corp. 56,904 6 Citizens Financial Corp. 348,493 6 Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Corp. 4,814 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,144 6 Arch Capital Group Ltd. 13,3148 6 KeyCorp 74,134 5 5 Qabol Malagement Inc. 117,799 5 W R Berkley Corp. 74,134 5 Loews Corp. 74,134 5 Cobo Global Markets Inc. 13,326 3 Equitable Holdings Inc. 13,326 3 <				9,743
Fifth Third Bancorp 255,966 8 Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 56,904 6 Cincinnati Financial Corp. 348,493 6 Regions Financial Corp. 348,493 6 Regions Financial Corp. 348,493 6 Huntington Bancshares Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Group Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 74,134 5 V R Berkley Corp. 74,134 5 V R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Everest Re Group Ltd. 14,224 4 Ally Financial Inc. 199,444 3 Arna Capital Group Inc. 141,408 3				9,666
Willis Towers Watson plc 41,567 8 Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 56,904 7 Cincinnati Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Group Inc. 184,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 53,7433 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 13,148 6 KeyCorp 34,7636 5 Apollo Global Management Inc. 11,7799 5 FactSet Research Systems Inc. 14,157 5 Ver Berkley Corp. 78,133 4 Choe Global Markets Inc. 99,444 3 Evalet Re Group Ltd.	÷	SVB Financial Group	21,967	8,677
Hartford Financial Services Group Inc. 122,712 8 State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 53,7433 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 48,144 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W B Berkley Corp. 74,134 5 Loews Corp. 74,134 5 Loews Corp. 74,134 5 Verest Re Group Ltd. 14,2,013 3 Fidelity National Financial Inc. 99,444 3<			255,966	8,601
State Street Corp. 130,109 8 American International Group Inc. 147,800 7 Northern Trust Corp. 56,904 6 Cincinnati Financial Corp. 56,904 6 Regions Financial Group Inc. 184,750 6 Nasdaq Inc. 72,887 6 Regions Financial Corp. 348,493 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 Loews Corp. 78,133 4 5 Loews Corp. 14,408 3 5 Equitable Holdings Inc.				8,205
American International Group Inc. 147,800 7 Northern Trust Corp. 73,830 7 Cincinnati Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Broadridge Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apolio Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 VR Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 19,9570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 13,326 3 Arees Management Inc. 151,790 3 <td></td> <td></td> <td></td> <td>8,029</td>				8,029
Northern Trust Corp. 73,830 73 Cincinnati Financial Corp. 56,904 66 Citizens Financial Group Inc. 184,750 6 Nasdaq Inc. 73,830 73 Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 VR Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cive Global Markets Inc. 14,724 4 Ally Financial Inc. 144,408 3 Fidelity National Financial Inc. 94,444 3 Annaly Capital Management Inc. 51,900 2 Tradeweb Markets Inc. Class A 40,100				8,021 7,557
Cincinnati Financial Corp. 56,904 6 Citizens Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Corp. 348,493 6 Principal Financial Group Inc. 53,7433 6 Principal Financial Group Inc. 43,662 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 VR Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 144,724 4 Ally Financial Inc. 144,403 3 Equitable Holdings Inc. 13,326 3 Fidelity National Financial Inc. 39,444 3 Annaly Capital Management Inc. 13,326 3 Ares Management Corp. Class A 51,900				7,123
Citizens Financial Group Inc. 184,750 6 Nasdaq Inc. 43,026 6 Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,408 3 Annaly Capital Management Inc. 13,326 3 Arce Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 ' Coinbase Global Inc. Class A 51,500				6,770
Regions Financial Corp. 348,493 6 Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 93,4144 6 Principal Financial Group Inc. 94,1144 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A				6,594
Raymond James Financial Inc. 72,887 6 Huntington Bancshares Inc. 537,433 6 Principal Financial Solutions Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,802 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 VR Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 19,970 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 19,444 3 Equitable Holdings Inc. 13,326 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 41,607 1 Lincoln National Corp. 28,736 <t< td=""><td></td><td></td><td></td><td>6,563</td></t<>				6,563
Huntington Bancshares Inc. 537,433 6 Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 114,408 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Cionbase Global Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736		Regions Financial Corp.	348,493	6,534
Principal Financial Group Inc. 94,164 6 Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Tradeweb Markets Inc. Class A 57,500 3 Tradeweb Markets Inc. Class A 51,900 2 *1 Coinbase Global Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 218,160 <t< td=""><td></td><td>,</td><td></td><td>6,517</td></t<>		,		6,517
Broadridge Financial Solutions Inc. 43,692 6 Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 ArketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 42,100 2 Alleghany Corp. 2,8736 1 Lincoln National Corp. 28,736 <		•		6,465
Markel Corp. 4,814 6 Arch Capital Group Ltd. 133,148 6 KeyCorp 347636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 40,100 2 Franklin Resources Inc. 116,607 1 Lincoln National Corp. 28,736 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 218,160 18				6,289
Arch Capital Group Ltd. 133,148 6 KeyCorp 347636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,337 1 Interactive Brokers Group Inc. Class A 42,100 2 Franklin Resources Inc. 116,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,	÷			6,228 6,226
KeyCorp 347,636 5 Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 51,900 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,337 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 218,160	÷			6,057
Apollo Global Management Inc. 117,799 5 FactSet Research Systems Inc. 14,157 5 W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 *2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 2,397 Lincoln National Corp. 28,736 1 1 Dexcom Inc. 70,573 15 R				5,990
W R Berkley Corp. 74,134 5 Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 '1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 Veave Systems Inc. 218,160 18 IOVIA Holdings Inc. 70,573 15 ResMed Inc. 51,544 9 <td></td> <td></td> <td></td> <td>5,711</td>				5,711
Loews Corp. 78,133 4 Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 42,100 2 *1 Coinbase Global Inc. 28,736 1 Incoln National Corp. 28,736 1 Globe Life Inc. 146,600 10 Lincoln National Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 51,544			14,157	5,444
Cboe Global Markets Inc. 39,570 4 Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 98,170 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. <td< td=""><td></td><td>W R Berkley Corp.</td><td>74,134</td><td>5,060</td></td<>		W R Berkley Corp.	74,134	5,060
Everest Re Group Ltd. 14,724 4 Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 *1 Coinbase Global Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 *1 Cover (11.0%) ************************************				4,630
Ally Financial Inc. 114,408 3 Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 Teath Care (11.0%) Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 78,226 8 Laboratory Cor				4,479
Equitable Holdings Inc. 142,013 3 Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 '1 Coinbase Global Inc. Class A 51,900 2 '1 Coinbase Global Inc. Class A 51,900 2 '1 Coinbase Global Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 '2 Centene Corp. 218,160 18 '1 OVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 'Veeva Systems Inc. Class A 52,138 10 'Seagen Inc. 78,226 8 'Laboratory Corp. of America Holdings 37,400 77 'Avantor Inc. 226,000 77 'Avantor Inc. 226,000 7				4,127
Fidelity National Financial Inc. 99,444 3 Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 Zentere Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 78,226 8 Laboratory Corp. of America Holdings 37,400 7 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226				3,834 3,702
Annaly Capital Management Inc. 581,790 3 MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 '1 Coinbase Global Inc. Class A 51,900 2 '2 Coinbase Global Inc. Class A 51,900 2 '1 Rocker Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 Zefe Health Care (11.0%) Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 'Veeva Systems Inc. Class A 52,138 10 'Seagen Inc. 78,226 8 Laboratory Corp. of America Holdings 37,400 75 Zimmer Biomet Holdings Inc. <				3,676
MarketAxess Holdings Inc. 13,326 3 Ares Management Corp. Class A 57,500 3 Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 Health Care (11.0%) 70,573 15 Centene Corp. 218,160 18 IOVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 78,226 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7				3,438
Tradeweb Markets Inc. Class A 40,100 2 Franklin Resources Inc. 111,747 2 1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 2 ZEGE Health Care (11.0%) Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 100 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 70 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6 <		MarketAxess Holdings Inc.		3,412
Franklin Resources Inc. 111,747 2 *1 Coinbase Global Inc. Class A 51,900 2 Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 - Zefe Lealth Care (11.0%) Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 37,400 70 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6			57,500	3,269
************************************				2,737
Alleghany Corp. 2,397 1 Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100	1		E1 000	2,605
Interactive Brokers Group Inc. Class A 34,750 1 Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 256 Health Care (11.0%) 70,573 15 Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 77 Avantor Inc. 226,000 77 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6	é			2,440 1,997
Globe Life Inc. 16,607 1 Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100 256 Health Care (11.0%) 70,573 15 Centene Corp. 218,160 18 IOVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 37,400 77 Avantor Inc. 226,000 77 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				1,912
Lincoln National Corp. 28,736 1 Rocket Cos. Inc. Class A 42,100				1,619
Rocket Cos. Inc. Class A 42,100 256 Health Care (11.0%) Centene Corp. 218,160 IQVIA Holdings Inc. 70,573 ResMed Inc. 54,584 Dexcom Inc. 146,400 Veeva Systems Inc. Class A 52,138 Seagen Inc. 51,544 Vest Pharmaceutical Services Inc. 27,600 Zimmer Biomet Holdings Inc. 78,226 STERIS plc 37,400 Avantor Inc. 226,000 Horizon Therapeutics plc 85,700 Catalent Inc. 63,600 PerkinElmer Inc. 47,100				1,344
Health Care (11.0%) 218,160 18 Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				310
Centene Corp. 218,160 18 IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6			-	256,841
IQVIA Holdings Inc. 70,573 15 ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6	le		219 160	10 / 50
ResMed Inc. 54,584 11 Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 77 Avantor Inc. 226,000 77 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				18,458 15,314
Dexcom Inc. 146,400 10 Veeva Systems Inc. Class A 52,138 10 Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6		•		11,442
Seagen Inc. 51,544 9 West Pharmaceutical Services Inc. 27,600 8 Zimmer Biomet Holdings Inc. 78,226 8 Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 77 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				10,911
West Pharmaceutical Services Inc.27,6008Zimmer Biomet Holdings Inc.78,2268Laboratory Corp. of America Holdings34,7208STERIS plc37,4007Avantor Inc.226,0007Horizon Therapeutics plc85,7006Catalent Inc.63,6006PerkinElmer Inc.47,1006		Veeva Systems Inc. Class A		10,325
Zimmer Biomet Holdings Inc.78,2268Laboratory Corp. of America Holdings34,7208STERIS plc37,4007Avantor Inc.226,0007Horizon Therapeutics plc85,7006Catalent Inc.63,6006PerkinElmer Inc.47,1006		•		9,120
Laboratory Corp. of America Holdings 34,720 8 STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				8,345
STERIS plc 37,400 7 Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				8,218
Avantor Inc. 226,000 7 Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				8,137
Horizon Therapeutics plc 85,700 6 Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6		•		7,710
Catalent Inc. 63,600 6 PerkinElmer Inc. 47,100 6				7,029 6,835
PerkinElmer Inc. 47,100 6	ł			6,824
				6,699
* Alnylam Pharmaceuticals Inc. 45,033 6	÷	Alnylam Pharmaceuticals Inc.		6,568

Market Shares Walue Shares (5000) Hologic Inc. 92,989 6,444 Quest Diagnostics Inc. 93,792 5,823 Cooper Cos. Inc. 18,407 5,764 BioMarin Pharmaceutical Inc. 69,014 5,719 Insulet Corp. 25,900 5,645 IDEXX Laboratories Inc. 15,706 5,509 Royalty Pharma plc Class A 129,804 5,432 Cardinal Health Inc. 10,623 5,312 Varistis Inc. 145,3257 4,746 Henry Schein Inc. 15,130 3,981 BioPad Laboratories Inc. Class A 7,863 3,887 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 16,748 2,550 Uhriversal Health Services Inc. Class B 23,763 2,333 Charles River Laboratories International Inc. 2,1128 1,680 Charles River Laboratories International Inc. 2,110 900 agilon health Inc. 2,700 9001 TransDigm Group Inc.				
Shares (\$000) ¹ Hologic Inc. 92,989 6,444 Quest Diagnostics Inc. 43,792 5,823 Cooper Cos. Inc. 18,407 5,754 BioMarin Pharmaceutical Inc. 69,014 5,719 Insulet Corp. 25,900 5,645 IDEXX Laboratories Inc. 15,706 5,509 Royatiy Pharma pic Class A 129,004 5,312 Varistis Inc. 453,257 4,746 Teleflex Inc. 16,155 3,998 Henry Schein Inc. 51,490 3,951 BiorRad Laboratories Inc. Class A 7,853 3,887 Align Technology Inc. 14,700 3,479 DENTSPLY SIRONA Inc. 60,373 2,872 DaVita Inc. 2,103 2,033 DaVita Inc. 2,100 900 agion health Inc. 2,100 900 agion health Inc. 2,128 1,689 Teladoc Health Inc. 2,128 1,689 Teladoc Health Inc. 2,128 1,689 Teladoc Health				
Hologic Inc. 92,989 6,444 Quest Diagnostics Inc. 43,792 5,823 Cooper Cos. Inc. 18,407 5,764 BioMarin Pharmaceutical Inc. 69,014 5,719 Insulet Corp. 29,900 5,645 IDEXX Laboratories Inc. 15,706 5,509 Royalty Pharma pic Class A 129,804 5,457 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 101,623 5,312 Viatris Inc. 14,500 3,951 Henry Schein Inc. 11,815 3,996 Henry Schein Inc. 14,700 3,479 Elanco Animal Health Inc. 167,940 3,297 DeNTSPY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 66,748 2,590 Universal Health Services Inc. Class B 23,763 2,333 DeXita Inc. 21,728 1,689 Teladoc Health Inc. 21,700 900 agilon health Inc. 32,872 23,763 2,333 Craires Global Corp.			Shares	
Quest Diagnostics Inc. 43,792 5,823 Cooper Cos. Inc. 18,407 5,764 BioMarin Pharmaceutical Inc. 69,014 5,719 Insulet Corp. 25,900 5,645 IDEXX Laboratories Inc. 15,706 5,509 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 10,623 5,312 Viatris Inc. 453,257 4,746 Telefiek Inc. 15,158 4,307 ABIOMED Inc. 16,155 3,981 Henry Schein Inc. 16,7940 3,297 DeINTSPLY SHONA Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,550 Universal Health Services Inc. Class B 2,3763 2,333 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 19,292 10,383 TransDigm Group Inc. 19,292 10,383 Viatris Inc. 88,010 10,199 Oit Dominion Freight Line Inc. 88,005 9,740 TransDigm Group Inc. 1	*			
Copper Cos. Inc. 18.407 5,764 BioMarin Pharmaceutical Inc. 69.014 5,719 InSUEX Laboratories Inc. 15,706 5,645 Royalty Pharma pic Class A 128,804 5,437 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 1016,623 5,312 Viatris Inc. 453,257 4,746 Teleffex Inc. 15,186 3,988 ABIOMED Inc. 16,155 3,988 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 167940 3,287 DENTSPLY SIRONA Inc. 80,373 2,672 Exact Sciences Corp. 65,748 2,380 Universal Health Services Inc. Class B 2,763 2,333 Charles River Laboratories International Inc. 9,500 2,033 Charles River Laboratories International Inc. 9,500 2,3809 Industrials (14.1%) 11,283 11,283 Carrier Global Corp. 316,405 11,283 Trans Digm Group Inc. 19,282 10,199 <				
 BioMarin Pharmaceutical Inc. fisulet Corp. Insulet Corp. Insulet Corp. IDEX Laboratories Inc. Incyte Corp. Corpiant Pharma pic Class A 129,804 5,457 Incyte Corp. Total Edification Align Technology Inc. Align Technology Inc. Incyte Corp. Carlinal Health Inc. Align Technology Inc. Align Technology Inc. Bic-Rad Laboratories Inc. Class A Align Technology Inc. Bic-Rad Laboratories Inc. Class A Align Technology Inc. Bic-Rad Laboratories Inc. Class A Sign Pharma Pice Class B Charles River Laboratories Inc. Class B Charles River Laboratories International Inc. Sign Pharma Pice Corp. Charles River Laboratories Inc. Sign Pharma Pice Corp. Charles River Laboratories International Inc. Sign Pharma Pice Corp. Cintas Corp. Carles Corp. <l< td=""><td></td><td></td><td></td><td></td></l<>				
Insulet Corp. 25,900 5,645 IDEXX Laboratories Inc. 15,706 5,509 Royalty Pharma pic Class A 129,804 5,457 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 453,257 4,746 Teleflex Inc. 16,155 3,998 ABIOMED Inc. 16,155 3,9981 Bio-Rad Laboratories Inc. Class A 7853 3,887 Align Technology Inc. 14,700 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 66,748 2,303 Charles River Laboratories International Inc. 9,500 2,033 Charles River Laboratories International Inc. 9,500 2,337 Outras Corp. 22,481 12,133 Carrier Global Corp. 316,405 11,283 Carrier Global Corp. 316,405 11,283 Carrier Global Corp. 32,481 10,199 Od Dominion Freight Line Inc. 88,005 9,740 Metter-Folded International Inc. 84,65 9,714	*			
* IDEXX Laboratories Inc. 15,706 5,509 Royalty Pharma pic Class A 129,804 5,457 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 101,623 5,312 Viatris Inc. 145,257 4,746 ABIOMED Inc. 16,155 3,998 Henry Schein Inc. 16,1440 3,991 Bio-Rad Laboratories Inc. Class A 7853 3,887 Align Technology Inc. 141,700 3,479 Elanco Animal Health Inc. 167,940 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 66,748 2,550 Universal Health Services Inc. Class B 23,763 2,872 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 21,128 1,689 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,1283 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 11,128 1,1283 Tasabor Health Inc. 328/76 227 DaVita Inc. 11,128 1,1283 Carrier Global Corp. 32,481 12,133 Carrier Global Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 Virsik Analytics Inc. 165,921 10,199 Old Domino Freight Line Inc. 8465 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 68,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Rockwell Automation Inc. 43,374 8,645 Rockwel	*			
Royalty Pharma pic Class A 129,804 5,457 Incyte Corp. 70,181 5,332 Cardinal Health Inc. 10,623 5,312 Vistris Inc. 453,257 4,746 Teleflex Inc. 15,158 3,998 Henry Schein Inc. 16,155 3,998 Mign Technology Inc. 14,700 3,297 Elanco Animal Health Inc. 167,440 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 66,748 2,363 Universal Health Services Inc. Class B 23,763 2,303 Charles River Laboratories International Inc. 9,500 2,033 Teladoc Health Inc. 21,123 1,689 Teladoc Health Inc. 21,124 1,689 Carrier Global Corp. 316,405 11,283 Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 86,012 9,464 Mettler-Toledo International Inc. 8,456 9,714 P	*			
Cardinal Health Inc. 101,623 5,312 Viatris Inc. 453,257 4,746 Teleffek Inc. 17,518 4,307 ABIOMED Inc. 16,155 3,998 Henry Schein Inc. 14,700 3,479 Elanco Animal Health Inc. 16,704 3,297 DENTSPLY SIRONA Inc. 80,373 2,572 Exact Sciences Cop. 65,748 2,590 Universal Health Services Inc. Class B 23,763 2,393 Charles River Laboratories International Inc. 9,150 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 37,876 827 Zisope 23,099 10 900 Industrials (14.1%) 32,481 12,133 Carrier Global Corp. 36,405 11,283 TransDigm Group Inc. 19,292 10,139 Old Dominion Freight Line Inc. 8,456 9,714 PACCAR Inc. 6,122 9,464 AWerisk Analytics Inc. 61,210 9,252 Rockwell Automation Inc.				
Viatris Inc. 453,257 4,746 Teleflex Inc. 17,518 4,307 ABIOMED Inc. 16,155 3,998 Henry Schein Inc. 14,00 3,479 Bio-Rad Laboratories Inc. Class A 7,853 3,887 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,500 Universal Health Services Inc. Class B 23,763 2,393 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 37,876 827 Zas,909 Industrials (14.1%) 7,1128 1,213 Carrier Global Corp. 32,481 12,133 12,133 Carrier Global Corp. 3,465 9,714 PACCAR Inc. 8,456 9,714 PACCAR Inc. 66,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 14,33	*	Incyte Corp.	70,181	5,332
Teleflex Inc. 17,518 4,307 ABIOMED Inc. 16,155 3,998 Henry Schein Inc. 16,155 3,991 Bio-Rad Laboratories Inc. Class A 7,853 3,887 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 167,940 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,590 Universal Health Services Inc. Class B 23,763 2,333 Charles River Laboratories International Inc. 21,128 1,689 agilon health Inc. 37,876 827 zayong Industrials (14.1%) 37,876 827 Cintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 * TransDigm Group Inc. 19,292 10,199 0ld Dominion Freight Line Inc. 58,201 10,199 Old Dominion Freight Line Inc. 84,465 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 66,122 9,464 9,2522 Rockwell Automation Inc.			101,623	5,312
ABIOMED Inc. 16,155 3,998 Henry Schein Inc. 51,490 3,951 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 167,940 3,297 Exact Sciences Corp. 65,748 2,590 Universal Health Services Inc. Class B 23,762 2,333 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 21,00 900 agilon health Inc. 37,876 223,909 Industrials (14.1%) 21,128 1,128 Cintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 3,805 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 * Metter-Toledo Intermational Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 Corp. 124,828 8,020 Wotters Corp.				
Henry Schein Inc. 51,490 3,951 Bio-Rad Laboratories Inc. Class A 7,853 3,887 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 167,940 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Dentropic VSIRONA Inc. 80,373 2,872 Dentropic VSIRONA Inc. 90,373 2,872 Davita Inc. 2,103 2,033 Charles River Laboratories International Inc. 9,500 2,033 Davita Inc. 27,100 900 agilon health Inc. 37,876 827 Zassop 23,099 Industrials (14.1%) 7 Cintas Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,139 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 110,173 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,314 8,645	*			
Bio-Rad Laboratories Inc. Class A 7853 3.887 Align Technology Inc. 14,700 3,479 Elanco Animal Health Inc. 16,7940 3,297 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,590 Universal Health Services Inc. Class B 23,763 2,393 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 21,710 900 agilon health Inc. 21,712 1,689 TransDigm Group Inc. 316,405 11,283 Carrier Global Corp. 316,405 11,283 Verisk Analytics Inc. 58,921 10,199 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 61,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 23,216 6,339 Ball Corp. 119,242 8,200 <td< td=""><td>*</td><td></td><td></td><td></td></td<>	*			
 Align Technology Inc. Lianco Animal Health Inc. 167,940 J297 Ekarct Sciences Corp. Charles River Laboratories International Inc. 21,128 Charles River Laboratories International Inc. 21,128 Charles River Laboratories International Inc. 21,128 Teladoc Health Inc. 21,128 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 19,292 10,353 Verisk Analytics Inc. 19,292 10,353 Verisk Analytics Inc. 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 84,56 9,714 PACCAR Inc. 43,374 8,645 Equifax Inc. 64,521 8,339 Ball Corp. 19,242 8,200 WWW Grainger Inc. 43,671 7,789 Watters Corp. 22,428 7,423 7,709 Waters Corp. 23,216 6,947 Teledyne Technologies Inc. 43,371 7,271 Vulcan Materials Inc. 43,874 6,652 B,112 7,050 6,654 Dover Corp. 53,843 6,525 Fortue Corp. 23,216 6,947 Teledyne Technologies Inc. 24,618 6,103 5,760 Transblin Inc. 26,678 6,100 Stanley Black & Deck	*			
Elanco Animal Health Inc. 167940 3,237 DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,590 Universal Health Services Inc. Class B 23,763 2,333 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 27,100 900 agion health Inc. 21,128 1,689 Critras Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 AMETEK Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 46,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 </td <td>*</td> <td></td> <td></td> <td></td>	*			
DENTSPLY SIRONA Inc. 80,373 2,872 Exact Sciences Corp. 65,748 2,550 Universal Health Services Inc. Class B 23,763 2,333 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 27,100 900 agilon health Inc. 37,876 227 TransDigm Group Inc. 316,405 11,283 Carrier Global Corp. 316,405 11,283 Carrier Global Corp. 316,405 11,283 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 23,216 6,9471 Vuican Materials Inc. <td>*</td> <td></td> <td></td> <td></td>	*			
Exact Sciences Corp. 65,748 2,590 Universal Health Services Inc. Class B 23,763 2,393 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 21,128 1,689 agilon health Inc. 21,128 1,689 Gintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,223 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 61,773 9,615 AMETEK Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WWW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. <				
Universal Health Services Inc. Class B 23,763 2,333 Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 21,100 900 agilon health Inc. 27,100 900 agilon health Inc. 27,100 900 agilon health Inc. 27,100 900 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 68,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 23,246 6,321 Vulcan Materials Inc. 2	*			
Charles River Laboratories International Inc. 9,500 2,033 DaVita Inc. 21,128 1,689 Teladoc Health Inc. 27,100 327 agilon health Inc. 27,876 927 Industrials (14.1%) 233,909 233,909 Industrials (14.1%) 11,283 12,133 Carrier Global Corp. 32,481 12,133 Verisk Analytics Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 84,66 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 45,621 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 7,423 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 23,216 6,947 Vulcan Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532				
* DaVita Inc. 21,128 1,689 * Teladoc Health Inc. 27,100 900 agilon health Inc. 37,876 827 Zasigon 23,899 Industrials (14.1%) 7 Carrier Global Corp. 31,6405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominon Freight Line Inc. 84,66 9,714 PACCAR Inc. 16,773 9,615 AMETEK Inc. 66,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. 23,216 6,947 * Teledyne Technologies Inc. 7,500 6,564 Dover Corp. 53,843 6,	*			
* agilon health Inc. 37,876 <u>827</u> 233,909 Industrials (14.1%) Cintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 * TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 * Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 66,122 9,464 * Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 86,122 9,464 * Keysight Technologies Inc. 71,163 7799 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 * Waters Corp. 22,428 7423 Fortive Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 * Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Inc. 23,216 6,947 * Teledyne Technologies Inc. 7500 6,564 Dover Corp. 53,843 6,532 * United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,667 Expeditors International of Washington Inc. 26,678 6,480 Ingersoll Rand Inc. 56,300 5,904 * FleetCor Technologies Inc. 74,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 74,980 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,996 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,188 2,551 Synchrony Financial * TrimsUnion 71,803 5,744 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,088 4,457 Crown Holdings Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,084 4,454 Crown Holdings Inc. 45,853 4,227 * Bill.com Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc	*	DaVita Inc.		
Industrials (14.1%) 233,909 Industrials (14.1%) 32,481 12,133 Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 84,56 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,664 Dower Corp. 53,343 6,532	*	Teladoc Health Inc.	27,100	900
Industrials (14.1%) Unitson Cintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480	*	agilon health Inc.	37,876	827
Cintas Corp. 32,481 12,133 Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,053 Verisk Analytics Inc. 58,921 10,193 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7423 Fortive Corp. 133,711 7271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 56,300 <t< td=""><td></td><td></td><td>-</td><td>233,909</td></t<>			-	233,909
Carrier Global Corp. 316,405 11,283 TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 53,643 6,50	Ind		22,401	10 100
TransDigm Group Inc. 19,292 10,353 Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,131 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 51,312 6,367 Expeditors International of Washington Inc. 62,618 6,100 Jacobs Engineering Group In				
Verisk Analytics Inc. 58,921 10,199 Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 13,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,542 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 27,457 5,760 TransUnion 71,803 5,744 Otis Worldwide Corp. <t< td=""><td>*</td><td></td><td></td><td></td></t<>	*			
Old Dominion Freight Line Inc. 38,005 9,740 Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 151,312 6,367 Ingersoll Rand Inc. 56,300 5,904 FleetCor Technologies Inc. 27,447 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803				
Mettler-Toledo International Inc. 8,456 9,714 PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,644 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp.				
PACCAR Inc. 116,773 9,615 AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,442 Otis Worldwide Corp. 67,168	*	0		
AMETEK Inc. 86,122 9,464 Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7799 Waters Corp. 22,428 7,423 Fortive Corp. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. <td< td=""><td></td><td></td><td></td><td></td></td<>				
Keysight Technologies Inc. 67,120 9,252 Rockwell Automation Inc. 43,374 8,645 Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,671 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc				
Equifax Inc. 45,621 8,339 Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,400 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 31,269	*	Keysight Technologies Inc.		
Ball Corp. 119,242 8,200 WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 31,269 4,924 Textron Inc.		Rockwell Automation Inc.	43,374	8,645
WW Grainger Inc. 17,163 7,799 Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,600 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial <		Equifax Inc.	45,621	8,339
Waters Corp. 22,428 7,423 Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 61,03 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 5,769 7,457 5,769 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 5,170 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 6H Robinson Worldwide Inc. 47,4			119,242	8,200
Fortive Corp. 133,711 7,271 Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 * Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 * United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 * Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robins		÷		
Vulcan Materials Co. 49,612 7,050 Martin Marietta Materials Inc. 23,216 6,947 Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 42,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 <td></td> <td></td> <td></td> <td></td>				
Martin Marietta Materials Inc. 23,216 6,947 * Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814				
* Teledyne Technologies Inc. 17,500 6,564 Dover Corp. 53,843 6,532 * United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Ingersoll Rand Inc. 26,678 6,480 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 * Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH				
Dover Corp. 53,843 6,532 United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 * Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 86,020 4,057 Sna	*			
* United Rentals Inc. 26,678 6,480 Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 * Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 31,269 4,924 Textron Inc. 80,318 4,905 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 C		, .		
Ingersoll Rand Inc. 151,312 6,367 Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Synchrony Financial 187,200 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057	*			
Expeditors International of Washington Inc. 62,618 6,103 Jacobs Engineering Group Inc. 47,980 6,100 Stanley Black & Decker Inc. 56,300 5,904 FleetCor Technologies Inc. 27,457 5,769 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,454 Crown Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 <t< td=""><td></td><td></td><td></td><td>0.007</td></t<>				0.007
Stanley Black & Decker Inc. 56,300 5,904 * FleetCor Technologies Inc. 27,457 5,769 * Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776		-		
 FleetCor Technologies Inc. Zq457 Zebra Technologies Corp. Class A TransUnion Ti,803 TransUnion Timble Inc. Westinghouse Air Brake Technologies Corp. Kylem Inc. Synchrony Financial Generac Holdings Inc. JB Hunt Transport Services Inc. Textron Inc. Masco Corp. Agaya Agaya		Jacobs Engineering Group Inc.	47,980	6,100
 Zebra Technologies Corp. Class A 19,560 5,750 TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 36,000 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921 			56,300	5,904
TransUnion 71,803 5,744 Otis Worldwide Corp. 78,796 5,569 Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921	*		27,457	5,769
Otis Worldwide Corp. 78,796 5,569 * Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921	*			
* Trimble Inc. 93,204 5,427 Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,454 Crown Holdings Inc. 36,900 4,057 Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Westinghouse Air Brake Technologies Corp. 64,755 5,315 Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 * Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,450 Masco Corp. 88,028 4,454 Crown Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921	*			
Xylem Inc. 67,168 5,251 Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,454 Crown Holdings Inc. 45,863 4,227 Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Synchrony Financial 187,200 5,170 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,454 Crown Holdings Inc. 45,863 4,227 Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
 Generac Holdings Inc. 23,800 5,012 JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921 				
JB Hunt Transport Services Inc. 31,269 4,924 Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921	*			
Textron Inc. 80,318 4,905 CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
CH Robinson Worldwide Inc. 47,490 4,814 Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Packaging Corp. of America 34,908 4,800 Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Masco Corp. 88,028 4,454 Crown Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Crown Holdings Inc. 45,863 4,227 * Bill.com Holdings Inc. 36,900 4,057 Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Snap-on Inc. 19,857 3,912 Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921				
Westrock Co. 95,003 3,785 Fortune Brands Home & Security Inc. 48,776 2,921	*	Bill.com Holdings Inc.	36,900	4,057
Fortune Brands Home & Security Inc. 48,776 2,921		•	19,857	3,912
HEICO Corp. Class A 27,399 2,887				
		HEICO Corp. Class A	27,399	2,887

			Market
		0	Value*
		Shares	(\$000)
	Jack Henry & Associates Inc.	13,560	2,441
	HEICO Corp.	15,369	2,015
	Hubbell Inc. Class B	10,032	1,792
*	Cognex Corp. Mohawk Industries Inc.	30,741	1,307
*	Affirm Holdings Inc. Class A	10,119 33,723	1,256 609
	Amini Holdings inc. Class A		
р.			301,590
Re	eal Estate (10.3%) Realty Income Corp.	224 512	15 225
	Welltower Inc.	224,512 169,314	15,325 13,943
	Digital Realty Trust Inc.	106,175	13,785
	SBA Communications Corp.	40,205	12,868
	VICI Properties Inc.	359,300	10,704
	AvalonBay Communities Inc.	52,159	10,132
	Equity Residential	133,236	9,622
	Weyerhaeuser Co.	277,721	9,198
*	CoStar Group Inc.	147,740	8,925
	Alexandria Real Estate Equities Inc.	60,883	8,830
	CBRE Group Inc. Class A	115,819	8,525
	Extra Space Storage Inc.	50,092	8,522
	Invitation Homes Inc. Duke Realty Corp.	227,674	8,101
	Ventas Inc.	143,399 149,200	7,880 7,673
	Mid-America Apartment Communities Inc.	43,038	7,517
	Sun Communities Inc.	45,388	7,233
	Essex Property Trust Inc.	24,328	6,362
	WP Carey Inc.	71,927	5,960
	Simon Property Group Inc.	61,333	5,822
	UDR Inc.	118,750	5,467
	Camden Property Trust	39,730	5,343
	Iron Mountain Inc.	108,463	5,281
	Healthpeak Properties Inc.	201,209	5,213
	Boston Properties Inc. Host Hotels & Resorts Inc.	52,574	4,678
*	Zillow Group Inc. Class C	133,258 60,500	2,089 1,921
	Regency Centers Corp.	32,199	1,910
*	Zillow Group Inc. Class A	15,600	496
			219,325
Те	chnology (15.0%)		210,020
*	Synopsys Inc.	57,061	17,329
*	Cadence Design Systems Inc.	102,845	15,430
	Amphenol Corp. Class A	223,352	14,379
	Microchip Technology Inc.	206,878	12,015
ţ	Palo Alto Networks Inc.	18,566	9,170
*	Datadog Inc. Class A	95,000	9,048
*	Corning Inc.	283,545	8,935
*	Twitter Inc.	228,077	8,528
	ON Semiconductor Corp. CDW Corp.	162,100 50,462	8,155 7,951
*	ANSYS Inc.	32,442	7,763
*	Match Group Inc.	106,504	7,422
*	Fortinet Inc.	127,250	7,200
	Marvell Technology Inc.	158,638	6,906
*	Gartner Inc.	28,537	6,901
	Hewlett Packard Enterprise Co.	484,768	6,428
	Monolithic Power Systems Inc.	16,563	6,361
*	MongoDB Inc.	24,157	6,269
÷	EPAM Systems Inc.	20,300	5,984
*	Palantir Technologies Inc. Class A	653,420	5,927
	VeriSign Inc.	34,731	5,812
*	Skyworks Solutions Inc.	60,029	5,561
	Akamai Technologies Inc. Seagate Technology Holdings plc	59,752 76,090	5,457 5,436
	NetApp Inc.	78,090 83,180	5,436 5,427
*	Twilio Inc. Class A	64,100	5,372
*	Paycom Software Inc.	19,092	5,348
	Teradyne Inc.	59,700	5,346
*	Splunk Inc.	59,987	5,306

		Shares	Market Value• (\$000)
*	Western Digital Corp.	116,828	5,237
*	Tyler Technologies Inc.	15,500	5,153
*	HubSpot Inc.	17,000	5,111
*	Okta Inc.	56,177	5,078
	Zscaler Inc. SS&C Technologies Holdings Inc.	31,600 80,961	4,725 4,701
	Citrix Systems Inc.	47,253	4,592
	NortonLifeLock Inc.	205,163	4,505
*	DocuSign Inc.	74,568	4,279
*	GoDaddy Inc. Class A	60,397	4,201
*	Cloudflare Inc. Class A Pinterest Inc. Class A	94,400 214,504	4,130 3,895
*	Qorvo Inc.	39,578	3,733
*	Black Knight Inc.	55,485	3,628
*	ZoomInfo Technologies Inc. Class A	105,188	3,496
*	DoorDash Inc. Class A	47,800	3,067
	Unity Software Inc.	77,798	2,865
	Bentley Systems Inc. Class B Leidos Holdings Inc.	82,418 25,500	2,745 2,568
*	Snap Inc. Class A	192,900	2,533
*,1	AppLovin Corp. Class A	67,133	2,312
*	IAC/InterActiveCorp	29,770	2,262
*	UiPath Inc. Class A	111,911	2,036
*	F5 Inc. Zendesk Inc.	11,231 22,800	1,719 1,689
*	Dropbox Inc. Class A	51,686	1,085
*	RingCentral Inc. Class A	15,790	825
*	Coupa Software Inc.	14,100	805
*	Toast Inc. Class A	44,880	581
	Qualtrics International Inc. Class A	35,434	443
Tel	ecommunications (1.8%)		321,165
	Motorola Solutions Inc.	62,431	13,085
*	Arista Networks Inc. Liberty Broadband Corp. Class C	86,260 48,739	8,086 5,636
	Lumen Technologies Inc.	385,587	4,207
*	Roku Inc.	44,796	3,680
J	Juniper Networks Inc.	60,239	1,717
*	DISH Network Corp. Class A	92,431	1,657
	Liberty Broadband Corp. Class A	7,186	816
Uti	lities (7.4%)		38,884
	Consolidated Edison Inc.	132,139	12,566
	Waste Connections Inc. WEC Energy Group Inc.	95,987 117,663	11,899 11,842
	Eversource Energy	128,584	10,862
	American Water Works Co. Inc.	67,762	10,081
	Edison International	142,241	8,995
	Ameren Corp.	96,306	8,702
*	Entergy Corp.	75,856	8,544
	PG&E Corp. DTE Energy Co.	781,567 61,396	7,800 7,782
	FirstEnergy Corp.	202,278	7,765
	PPL Corp.	274,567	7,449
	CMS Energy Corp.	108,299	7,310
	CenterPoint Energy Inc.	234,995	6,951
	Evergy Inc.	85,665	5,590 5 490
	Alliant Energy Corp. AES Corp.	93,498 249,223	5,480 5,236
	NiSource Inc.	151,293	4,462
	Vistra Corp.	161,226	3,684
	Constellation Energy Corp.	61,000	3,493
	Avangrid Inc.	28,845	1,330
			157,823
	tal Common Stocks ost \$1,910,667)		2,127,814

	Shares	Market Value• (\$000)
Temporary Cash Investments (0.7%)		
Money Market Fund (0.7%) ^{2,3} Vanguard Market Liquidity Fund, 1.417% (Cost \$15,576)	155,788	15,574
Total Investments (100.4%) (Cost \$1,926,243)		2,143,388
Other Assets and Liabilities—Net (-0.4%)		(8,267)
Net Assets (100%)		2,135,121

Cost is in \$000.

• See Note A in Notes to Financial Statements.

* Non-income-producing security.

 Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$6,845,000.

2 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

3 Collateral of \$7,304,000 was received for securities on loan, of which \$7,135,000 is held in Vanguard Market Liquidity Fund and \$169,000 is held in cash.

Derivative Financial Instruments	Outstanding as of Period End
----------------------------------	------------------------------

Futures Contracts				
				(\$000)
	Expiration	Number of Long (Short) Contracts	Notional Amount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts				
E-mini Russell 2000 Index	September 2022	34	2,904	(102)
E-mini S&P 500 Index	September 2022	22	4,168	(84)
E-mini S&P Mid-Cap 400 Index	September 2022	11	2,495	(78)
				(264)

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value ¹	
Unaffiliated Issuers (Cost \$1,910,667)	2,127,814
Affiliated Issuers (Cost \$15,576)	15,574
Total Investments in Securities	2,143,388
Investment in Vanguard	85
Cash	169
Cash Collateral Pledged—Futures Contracts	360
Receivables for Investment Securities Sold	273
Receivables for Accrued Income	2,648
Receivables for Capital Shares Issued	1,066
Total Assets	2,147,989
Liabilities	
Due to Custodian	254
Payables for Investment Securities Purchased	4,611
Collateral for Securities on Loan	7,304
Payables for Capital Shares Redeemed	498
Payables to Vanguard	149
Variation Margin Payable—Futures Contracts	52
Total Liabilities	12,868
Net Assets	2,135,121

1 Includes \$6,845 of securities on loan.

At June 30, 2022, net assets consisted of:

Paid-in Capital	1,863,478
Total Distributable Earnings (Loss)	271,643
Net Assets	2,135,121
Net Assets	
Applicable to 104,287,400 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	2,135,121
Net Asset Value Per Share	\$20.47

Statement of Operations

	Six Months Ended June 30, 2022
	(\$000)
Investment Income	
Income	
Dividends ¹	15,590
Interest ²	7
Securities Lending—Net	161
Total Income	15,758
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	170
Management and Administrative	1,745
Marketing and Distribution	87
Custodian Fees	25
Shareholders' Reports	37
Trustees' Fees and Expenses	1
Other Expenses	4
Total Expenses	2,069
Net Investment Income	13,689
Realized Net Gain (Loss)	
Investment Securities Sold ²	43,858
Futures Contracts	(569)
Realized Net Gain (Loss)	43,289
Change in Unrealized Appreciation (Depreciation)	
Investment Securities ²	(670,364)
Futures Contracts	(371)
Change in Unrealized Appreciation (Depreciation)	(670,735)
Net Increase (Decrease) in Net Assets Resulting from Operations	(613,757)

1 Dividends are net of foreign withholding taxes of \$7,000.

2 Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the portfolio were \$7,000, less than \$1,000, and (\$2,000), respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	13,689	26,207
Realized Net Gain (Loss)	43,289	249,942
Change in Unrealized Appreciation (Depreciation)	(670,735)	266,299
Net Increase (Decrease) in Net Assets Resulting from Operations	(613,757)	542,448
Distributions		
Total Distributions	(277,011)	(190,939)
Capital Share Transactions		
Issued	146,383	357,264
Issued in Lieu of Cash Distributions	277,011	190,939
Redeemed	(178,452)	(359,789)
Net Increase (Decrease) from Capital Share Transactions	244,942	188,414
Total Increase (Decrease)	(645,826)	539,923
Net Assets		
Beginning of Period	2,780,947	2,241,024
End of Period	2,135,121	2,780,947

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year	Ended Dec	ember 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$29.48	\$25.77	\$24.03	\$20.23	\$23.72	\$21.11
Investment Operations						
Net Investment Income ¹	.138	.284	.325 ²	.334	.343	.292
Net Realized and Unrealized Gain (Loss) on Investments	(6.193)	5.642	3.047	5.621	(2.386)	3.575
Total from Investment Operations	(6.055)	5.926	3.372	5.955	(2.043)	3.867
Distributions						
Dividends from Net Investment Income	(.282)	(.318)	(.344)	(.350)	(.286)	(.270)
Distributions from Realized Capital Gains	(2.673)	(1.898)	(1.288)	(1.805)	(1.161)	(.987)
Total Distributions	(2.955)	(2.216)	(1.632)	(2.155)	(1.447)	(1.257)
Net Asset Value, End of Period	\$20.47	\$29.48	\$25.77	\$24.03	\$20.23	\$23.72
Total Return	-22.28%	24.36%	18.07%	30.87%	-9.33%	19.08%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$2,135	\$2,781	\$2,241	\$2,155	\$1,621	\$1,804
Ratio of Total Expenses to Average Net Assets	0.17%	0.17%	0.17%	0.17%	0.17%	0.19%
Ratio of Net Investment Income to Average Net Assets	1.23%	1.03%	1.50% ²	1.49%	1.49%	1.32%
Portfolio Turnover Rate	8%	20%	28%	21%	21%	18%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

2 Net investment income per share and the ratio of net investment income to average net assets include \$0.036 and 0.17%, respectively, resulting from a special dividend from NortonLifeLock Inc. in February 2020.

Notes to Financial Statements

The Mid-Cap Index Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value.

2. Futures Contracts: The portfolio uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, maintaining liquidity, and minimizing transaction costs. The portfolio may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the portfolio and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the portfolio trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the portfolio's performance and requires daily settlement of variation margin representing changes in the market value of each contract. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on futures contracts.

During the six months ended June 30, 2022, the portfolio's average investments in long and short futures contracts represented less than 1% and 0% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period.

3. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

4. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

5. Securities Lending: To earn additional income, the portfolio lends its securities to qualified institutional borrowers. Security loans are subject to termination by the portfolio at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than the value of the collateral received. When this occurs, the collateral is adjusted and settled before the opening of the market on the next business day. The portfolio further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of

prequalified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the portfolio may experience delays and costs in recovering the securities loaned. The portfolio invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the portfolio is entitled to all distributions made on or in respect of the loaned securities.

6. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

7. Other: Dividend income is recorded on the ex-dividend date. Non-cash dividends included in income, if any, are recorded at the fair value of the securities received. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$85,000, representing less than 0.01% of the portfolio's net assets and 0.03% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

C. Various inputs may be used to determine the value of the portfolio's investments and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1-Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

At June 30, 2022, 100% of the market value of the portfolio's investments and derivatives was determined based on Level 1 inputs.

D. As of June 30, 2022, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	1,926,803
Gross Unrealized Appreciation	484,354
Gross Unrealized Depreciation	(268,033)
Net Unrealized Appreciation (Depreciation)	216,321

E. During the six months ended June 30, 2022, the portfolio purchased \$205,054,000 of investment securities and sold \$224,009,000 of investment securities, other than temporary cash investments.

The portfolio purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2022, such purchases were \$15,062,000 and sales were \$61,119,000, resulting in net realized loss of \$29,022,000; these amounts, other than temporary cash investments, are included in the purchases and sales of investment securities noted above.

F. Capital shares issued and redeemed were:

	Six Months Ended June 30, 2022 Shares (000)	Year Ended December 31, 2021 Shares (000)
Issued	5,853	12,978
Issued in Lieu of Cash Distributions	11,188	7,500
Redeemed	(7,095)	(13,103)
Net Increase (Decrease) in Shares Outstanding	9,946	7,375

At June 30, 2022, one shareholder, (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 36% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

G. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Mid-Cap Index Portfolio has renewed the portfolio's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Equity Index Group. The board determined that continuing the portfolio's internalized management structure was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term, and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Equity Index Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with its target index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory expenses were also below the peer-group average.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees.

The benefit of economies of scale

The board concluded that the portfolio's arrangement with Vanguard ensures that the portfolio will realize economies of scale as it grows, with the cost to shareholders declining as portfolio assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the Mid-Cap Index Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Direct Investor Account Services > 800-662-2739

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your portfolio on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Money Market Portfolio

Contents

About Your Portfolio's Expenses	1
Financial Statements	3
Trustees Approve Advisory Arrangement1	2

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Money Market Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$1,001.50	\$0.65
Based on Hypothetical 5% Yearly Return	1,000.00	1,024.15	0.65

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.13%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Money Market Portfolio

Distribution by Effective Maturity¹ As of June 30, 2022

1 - 7 Days	48.0%
8 - 30 Days	17.6
31 - 60 Days	19.0
61 - 90 Days	5.9
91 - 180 Days	8.8
Over 180 Days	0.7
1 Percentage of investments	

1 Percentage of investments.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio publishes its holdings on a monthly basis on Vanguard's website and files them with the Securities and Exchange Commission (SEC) on Form N-MFP. The portfolio's Form N-MFP filings may be viewed via a link on the "Portfolio Holdings" page at www.vanguard.com or on the SEC's website at www.sec.gov.

		Yield ¹	Maturity Date	Face Amount (\$000)	Market Value• (\$000)			Yield ¹	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
U.S.	Government and Agency O	bligations (75.9%)				3	Federal Farm Credit Banks				
2	Fannie Mae Discount Notes	1 117%	7/20/22	5,950	5,946	3	Funding Corp., SOFR + 0.380% ,	1.890%	7/1/22	6,000	6,018
2	Fannie Mae Discount Notes	1.035%-1.23%		10,686	10,674	3	Federal Farm Credit Banks Funding Corp., United States Treasury				
2	Fannie Mae Discount						3M Bill Money Market				
3	Notes Federal Farm Credit Banks	1.271%-1.296%	8/1//22	3,920	3,913	3	Yield + 0.070% Federal Farm Credit Banks	1.828%	7/1/22	2,000	2,000
3	Funding Corp., EFFR - 0.020% Federal Farm Credit Banks	1.560%	7/1/22	1,000	1,000		Funding Corp., United States Treasury 3M Bill Money Market				
3	Funding Corp., EFFR - 0.150% Federal Farm Credit Banks	1.565%	7/1/22	5,000	4,998	3	Yield + 0.070% Federal Home Loan Bank Federal Home Loan Bank	1.828% 1.515%	7/1/22 7/1/22	1,000 5,000	1,000 5,000
	Funding Corp., EFFR + 0.360%	1.940%	7/1/22	10,000	10,016		Discount Notes Federal Home Loan Bank	0.868%-1.501%	7/20/22	22,172	22,159
3	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes	0.999%-1.573%	7/22/22	11,055	11,048
3	0.005% Federal Farm Credit Banks	1.515%	7/1/22	1,000	1,000		Federal Home Loan Bank Discount Notes Federal Home Loan Bank	1.016%-1.577%	7/29/22	16,070	16,054
	Funding Corp., SOFR + 0.005%	1.515%	7/1/22	1,000	1,000		Discount Notes	1.400%	10/20/22	4,000	3,983
3	Federal Farm Credit Banks Funding Corp., SOFR +		.,.,==	.,	.,		Federal Home Loan Bank Discount Notes	1.480%	10/21/22	8,750	8,711
3	0.013% Federal Farm Credit Banks	1.523%	7/1/22	1,000	1,000		Federal Home Loan Bank Discount Notes	1.623%	10/27/22	1,000	995
	Funding Corp., SOFR + 0.025%	1.535%	7/1/22	1,000	1,000		Federal Home Loan Bank Discount Notes	1.522%	11/3/22	6,000	5,969
3	Federal Farm Credit Banks	1.030 %	// 1/22	1,000	1,000		Federal Home Loan Banks Discount Notes	0.947%	7/1/22	5,000	5,000
3	Funding Corp., SOFR + 0.035% ,	1.545%	7/1/22	10,000	10,000		Federal Home Loan Banks Discount Notes	0.897%-0.902%	7/6/22	14,772	14,770
5	Federal Farm Credit Banks Funding Corp., SOFR +	4 = 4 = 0/	7/4/00				Federal Home Loan Banks Discount Notes	0.916%-0.958%	7/7/22	15,000	14,997
3	0.035% Federal Farm Credit Banks	1.545%	7/1/22	3,000	3,000		Federal Home Loan Banks Discount Notes	0.991%-1.026%	7/8/22	7,890	7,888
	Funding Corp., SOFR + 0.040%	1.550%	7/1/22	20,000	20,000		Federal Home Loan Banks				
3	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes Federal Home Loan Banks		7/12/22	143	143
3	0.040% , Federal Farm Credit Banks	1.550%	7/1/22	5,000	5,000		Discount Notes Federal Home Loan Banks		7/13/22	700	700
	Funding Corp., SOFR + 0.040%	1.550%	7/1/22	2,500	2,500		Discount Notes Federal Home Loan Banks	0.772%-1.573%		22,881	22,872
3	Federal Farm Credit Banks Funding Corp., SOFR +		.,.,==	_,	_,		Discount Notes Federal Home Loan Banks	1.099%-1.218%	7/18/22	5,000	4,997
3	0.045% Federal Farm Credit Banks	1.555%	7/1/22	16,500	16,501		Discount Notes Federal Home Loan Banks	1.073%-1.521%	7/27/22	23,857	23,833
	Funding Corp., SOFR +	1 5550/	7/1/00	1 000	1 000		Discount Notes Federal Home Loan Banks	1.017%	8/1/22	649	648
3	0.045% Federal Farm Credit Banks	1.555%	7/1/22	1,000	1,000		Discount Notes Federal Home Loan Banks	1.646%	8/3/22	13,072	13,052
3	Funding Corp., SOFR + 0.055%	1.565%	7/1/22	500	500		Discount Notes	1.747 %	8/15/22	6,100	6,087
3	Federal Farm Credit Banks Funding Corp., SOFR +						Federal Home Loan Banks Discount Notes	1.756%-1.777%	8/17/22	10,000	9,976
3	0.060% Federal Farm Credit Banks	1.570%	7/1/22	1,000	1,000		Federal Home Loan Banks Discount Notes	1.779%	8/19/22	5,000	4,988
	Funding Corp., SOFR + 0.060%	1.570%	7/1/22	1,000	1,000		Federal Home Loan Banks Discount Notes	1.112%-1.747%	8/29/22	4,660	4,649
3	Federal Farm Credit Banks Funding Corp., SOFR +						Federal Home Loan Banks Discount Notes	1.883%	9/7/22	554	552
3	0.070% Federal Farm Credit Banks	1.580%	7/1/22	1,500	1,500		Federal Home Loan Banks Discount Notes	1.285%	9/29/22	1,000	997
	Funding Corp., SOFR + 0.080%	1.590%	7/1/22	11,000	11,002		Federal Home Loan Banks Discount Notes	2.162%		687	683
3	Federal Farm Credit Banks Funding Corp., SOFR +	1.000 /0	77 1722	11,000	11,002	3	Federal Home Loan Banks,				
3	0.085%	1.595%	7/1/22	11,055	11,056	3	SOFR + 0.005% Federal Home Loan Banks,	1.515%	7/1/22	20,000	20,000
	Federal Farm Credit Banks Funding Corp., SOFR +	1 505 0/	7/1/00	1 000	1 000	3	SOFR + 0.010% , Federal Home Loan Banks,	1.520%		7,000	7,000
3	0.085% Federal Farm Credit Banks	1.595%	7/1/22	1,000	1,000	3	SOFR + 0.010% Federal Home Loan Banks,	1.520%	7/1/22	3,000	3,000
~	Funding Corp., SOFR + 0.145%	1.655%	7/1/22	1,000	1,000	3	SOFR + 0.010% Federal Home Loan Banks,	1.520%	7/1/22	2,000	2,000
3	Federal Farm Credit Banks Funding Corp., SOFR +					3	SOFR + 0.035% Federal Home Loan Banks,	1.545%	7/1/22	1,020	1,020
	0.190%	1.700%	7/1/22	8,000	8,000		SOFR + 0.060%	1.570%	7/1/22	4,750	4,750

a Federal Home Loan Banks, SOFH + 0.060% 1.570% 7/1/22 1,100 1,100 a Federal Home Loan Banks, SOFH + 0.140% 1.600% 7/1/22 3,000 3,000 a Federal Home Loan Mortgage Corp., SOFR + 0.095% 1.605% 7/1/22 3,000 3,000 a Federal Home Loan Mortgage Corp., SOFR + 0.095% 1.605% 7/1/22 3,000 3,000 a Federal Home Loan Mortgage Corp., SOFR + 0.160% 1.640% 7/1/22 3,000 3,000 a Federal National Mortgage Assn. SOFR + 0.180% 1.630% 7/1/22 4,200 4,200 a Federal National Mortgage Assn. SOFR + 0.180% 1.630% 7/1/22 4,000 10,000 a Federal National Mortgage Assn. SOFR + 0.180% 1.801% -1.942% 8/24/22 5,000 4.990 a Inited States Treasury Bill 1.311% 8/16/22 2,000 1.900 1.900 a Inited States Treasury Bill 0.526% -17/22 2,000 2.4389 1.415% 9/1/22 478 1.992 1.992 1.9			Yield ¹	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
Bester A of Body, Datks, SOFR + 0.140% 1.600% 7/1/22 750 750 SoFR + 0.140% 1.660% 7/1/22 3.000 3.000 2:3 Federal Home Loan Mortgage Corp., SOFR + 0.130% 1.665% 7/1/22 2.000 2.000 2:3 Federal Home Loan Mortgage Corp., SOFR + 0.130% 1.640% 7/1/22 3.000 3.000 2:3 Federal Mational Mortgage Assn. SOFR + 0.160% 1.690% 7/1/22 3.000 3.000 2:3 Federal National Mortgage Assn. SOFR + 0.160% 1.690% 7/1/22 3.000 10.000 2:4 Federal National Mortgage Assn. SOFR + 0.160% 1.690% 7/1/22 10.000 10.000 2:5 Federal National Mortgage Assn. SOFR + 0.160% 1.801%-1.942% 8/24/22 5.000 4.990 2:6 Freddie Mac Discount Notes 1.801%-1.942% 8/24/22 12.265 12.228 2:7 Freddie States Treasury Bill 0.377/22 25.000 24.999 United States Treasury Bill 0.266%-0.45% 7/21/22 20.000 19.956 1:	re	SOFR + 0.060%	1.570%	7/1/22	1,100	1,100
3 Federal Home Loan Banks, SOFR + 0.140% 1.650% 7/1/22 3.000 2.3 Federal Home Loan Mortgage Corp., SOFR + 0.130% 1.605% 7/1/22 2.000 2.000 2.3 Federal Home Loan Mortgage Corp., SOFR + 0.130% 1.640% 7/1/22 5.000 5.000 2.3 Federal Home Loan Mortgage Corp., SOFR + 0.180% 1.690% 7/1/22 3.000 3.000 2.3 Federal National Mortgage Assn., SOFR + 0.150%, Federal National Mortgage Assn., SOFR + 0.180% 1.690% 7/1/22 4.200 4.200 2.4 Federal National Mortgage Assn., SOFR + 0.180% 1.690% 7/1/22 0.000 10.000 2.4 Federal National Mortgage Assn., SOFR + 0.180% 1.801%-1.942% 8/24/22 12.265 12.228 2.5 Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 12.265 12.228 3 United States Treasury Bill 0.623% 7/1/22 0.000 19.962 4 United States Treasury Bill 0.623% 7/1/22 0.000 29.971 2 United States Treasury Bill	гe	deral Home Loan Banks, SOFR + 0.090%	1.600%	7/1/22	750	750
2.3 Federal Home Loan Mortgage Corp., SOFR + 0.095% 1.605% 7/1/22 2.000 2.000 2.3 Federal Home Loan Mortgage Corp., SOFR + 0.180% 1.640% 7/1/22 5.000 5.000 2.3 Federal Home Loan Mortgage Corp., SOFR + 0.180% 1.640% 7/1/22 5.000 5.000 2.3 Federal Mational Mortgage Assn., SOFR + 0.120% 1.630% 7/1/22 4.200 4.200 2.4 Federal Mational Mortgage Federal Mational Mortgage Assn., SOFR + 0.160% 1.690% 7/1/22 4.200 4.200 2.4 Freddia Mac Discount Notes 1.801%1.942% 8/24/22 5.000 4.990 2.5 Freddia Mac Discount Notes 1.465% 7/1/22 3.763 3.757 3 United States Treasury Bill 0.236%0.845% 7/14/22 0.000 19.962 3 United States Treasury Bill 0.236%0.845% 7/14/22 0.000 19.957 4 United States Treasury Bill 0.366%0.845% 7/14/22 0.000 19.957 4 United States Treasury Bill 0.366%0.845%	з Fe	deral Home Loan Banks,				
10 100% 7/1/22 5.000 5.000 2.3 Federal Home Loan 1.640% 7/1/22 5.000 3.000 2.3 Federal Home Loan 1.690% 7/1/22 3.000 3.000 2.4 Federal National Mortgage Assn., SOFR + 0.120% 1.630% 7/1/22 4.200 4.200 2.6 Federal National Mortgage Assn., SOFR + 0.180% 1.660% 7/1/22 4.000 10.000 2 Fredde Mac Discount 1.338% 8/24/22 5.000 4.990 2 Fredde Mac Discount 1.445% 9/1/22 479 478 10 Notes 1.801%-1.942% 8/29/22 12.265 12.228 2 Fredde Mac Discount 1.415% 9/1/22 479 478 10 States Treasury Bill 0.526% 7/1/22 5.000 24.999 10 States Treasury Bill 0.366%0.435% 7/1/22 25.000 24.991 10 States Treasury Bill 0.366%1.19% 8/222	^{2,3} Fe	deral Home Loan Mortgage Corp., SOFR + 0.095%				
10 100% 7/1/22 3,000 3,000 2.3 Federal National Mortgage Assn., SOFR + 0,150% 1.630% 7/1/22 4,200 4,200 2.3 Federal National Mortgage Assn., SOFR + 0,150% 1.660% 7/1/22 2,000 2,000 2.3 Federal National Mortgage Assn., SOFR + 0,160% 1.690% 7/1/22 2,000 10,000 2.4 Freddrei Mac Discount Notes 1.381% 8/24/22 5,000 4,990 2 Freddrei Mac Discount Notes 1.801%-1.942% 8/29/22 12,265 12,228 3 United States Treasury Bill United States Treasury Bill 0.377/22 3,757 3,757 3 United States Treasury Bill United States Treasury Bill 0.437 % 7/1/22 20,000 19,997 United States Treasury Bill United States Treasury Bill 0.366%0.845% 7/1/22 20,000 19,975 United States Treasury Bill United States Treasury Bill 0.366%-0.119% 8/222 20,000 19,975 United States Treasury Bill United States Treasury Bill 0.376% 9/1/22 20,000 19,956 United States Treasury Bill </td <td></td> <td>Mortgage Corp., SOFR + 0.130%</td> <td>1.640%</td> <td>7/1/22</td> <td>5,000</td> <td>5,000</td>		Mortgage Corp., SOFR + 0.130%	1.640%	7/1/22	5,000	5,000
2.3 Federal National Mortgage Assn., SOFR + 0.120% 1.630% 7/1/22 4,200 3 Federal National Mortgage Assn., SOFR + 0.180% 1.660% 7/1/22 2,000 2,000 2.3 Federal National Mortgage Assn., SOFR + 0.180% 1.660% 7/1/22 2,000 10,000 2 Freddie Mac Discount Notes 1.338% 8/24/22 5,000 4,990 2 Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 12,265 12,228 2 Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 2,000 19.962 3 United States Cash Management Bill 1.371% 8/16/22 20,000 19.962 4 United States Treasury Bill 0.526% 7/1/22 20,000 19.997 United States Treasury Bill 0.636% 7/1/22 20,000 19.997 United States Treasury Bill 0.966% 7/1/22 20,000 19.917 United States Treasury Bill 0.966% 7/1/22 20,000 19.917 United States Treasury Bill 0.966%	10	Mortgage Corp., SOFR +	1 690 %	7/1/22	2 000	2 000
³ Federal National Mortgage Assn., SOFR + 0.150%, Frederal National Mortgage Assn., SOFR + 0.180% 1.660% 7/1/22 2,000 2,000 ² Freddie Mac Discount Notes 1.38% 8/24/22 5,000 4,990 ² Freddie Mac Discount Notes 1.381% 8/24/22 12,265 12,228 ² Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 12,265 12,228 ⁴ Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 2,000 19,992 ⁴ Freddie States Treasury Bill 0.532% 7/1/22 20,000 19,997 ⁴ Grade States Treasury Bill 0.536%-7/19/22 15,000 14,995 ⁴ Onited States Treasury Bill 0.366%-0.845% 7/12/22 20,000 9,971 ⁴ States Treasury Bill 0.366%-0.845% 7/12/22 20,000 19,973 ⁴ Onited States Treasury Bill 0.947% 7/26/22 20,000 19,973 ⁴ Onited States Treasury Bill 0.947% 7/26/22 20,000 19,93	^{2,3} Fe	deral National Mortgage				
2.3 Fedderal National Mortgage Assn., SOFR + 0.180% 1690% 7/1/22 10,000 10,000 2 Freddie Mac Discount Notes 1.338% 8/24/22 5,000 4,990 2 Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 12,265 12,228 2 Freddie Mac Discount Notes 1.445% 9/1/22 479 478 United States Cash Management Bill 1.371% 8/16/22 20,000 19,962 1 United States Treasury Bill 0.525% 7/12/22 20,000 19,997 United States Treasury Bill 0.366%-0.845% 7/12/22 20,000 19,997 United States Treasury Bill 0.366%-0.845% 7/12/22 20,000 19,971 United States Treasury Bill 0.947% 7/26/22 20,000 19,975 United States Treasury Bill 0.956%-1.19% 8/2/22 20,000 19,976 United States Treasury Bill 1.039% 8/3/3/22 20,000 19,976 United States Treasury Bill 1.039% 8/3/3/22 20,000 19,936 United States Treasury Bill 1.189% 8/3/3/22 </td <td>з Fe</td> <td>deral National Mortgage</td> <td></td> <td></td> <td></td> <td></td>	з Fe	deral National Mortgage				
2 Freddie Mac Discount Notes 1.338% 8/24/22 5,000 4,990 2 Freddie Mac Discount Notes 1.801%–1.942% 8/29/22 12,265 12,228 2 Freddie Mac Discount Notes 1.445% 9/1/22 479 478 2 United States Cash Management Bill 1.371% 8/16/22 20,000 19,962 3 United States Treasury Bill 0.220% 7/1/22 3,763 3,757 1 United States Treasury Bill 0.264% 7/1/22 20,000 19,997 United States Treasury Bill 0.956% 7/14/22 10,000 9,997 United States Treasury Bill 0.956% 7/12/22 20,000 19,975 United States Treasury Bill 0.956% 11/18% 8/0/22 20,000 19,975 United States Treasury Bill 1.033% 8/11/22 20,000 19,985 United States Treasury Bill 1.139% 8/23/22 20,000 19,923 United States Treasury Bill 1.139% 8/23/22 20,000	^{2,3} Fe	deral National Mortgage				
2 Freddie Mac Discount Notes 1.801%-1.942% 8/29/22 12,265 12,228 2 Freddie Mac Discount Notes 1.445% 9/1/22 479 478 2 United States Cash Management Bill 1.371% 8/16/22 20,000 19,962 3 United States Treasury Bill 0.220% 7/1/22 25,000 24,999 United States Treasury Bill 0.563% 7/1/22 20,000 19,997 United States Treasury Bill 0.643% 7/19/22 15,000 14,995 United States Treasury Bill 0.956% 7/12/2 20,000 19,997 United States Treasury Bill 0.956% 7/12/2 20,000 19,975 United States Treasury Bill 0.956% 1.122 20,000 19,975 United States Treasury Bill 1.033% 8/18/22 10,000 9,986 United States Treasury Bill 1.139% 8/222 20,000 19,953 United States Treasury Bill 1.215% 10/22 5,284 5,667 United States Treasury			1.690%	7/1/22	10,000	10,000
Notes 1.801%-1.942% 8/29/22 12,265 12,228 2 Freddie Mac Discount Notes 1.445% 9/1/22 479 478 United States Treasury Bill 1.371% 8/16/22 20,000 19,962 3 United States Treasury Bill 0.532% 7/1/22 25,000 24,999 United States Treasury Bill 0.72% 7/14/22 10,000 19,997 United States Treasury Bill 0.643% 7/19/22 15,000 14,995 United States Treasury Bill 0.366%-0.845% 7/11/22 20,000 19,975 United States Treasury Bill 0.956%-1.19% 8/2/22 20,001 19,975 United States Treasury Bill 0.866% 8/11/22 25,000 24,974 United States Treasury Bill 1.033% 8/1/22 20,000 19,955 United States Treasury Bill 1.0164 9/16/22 30,000 29,896 United States Treasury Bill 1.103% 10/6/22 5,844 5,677 United States Treasury Bill 1.224%			1.338%	8/24/22	5,000	4,990
Notes 1.445% 9/1/22 479 478 United States Treasury Bill 1.371% 8/16/22 20,000 19,962 3 United States Treasury Bill 0.220% 7/1/22 3,763 3,757 United States Treasury Bill 0.532% 7/1/22 20,000 19,997 United States Treasury Bill 0.727% 7/1/422 10,000 9,997 United States Treasury Bill 0.366%-0.845% 7/1/22 20,000 14,995 United States Treasury Bill 0.366%-0.845% 7/26/22 20,000 19,975 United States Treasury Bill 0.366%-0.845% 7/26/22 20,000 19,975 United States Treasury Bill 0.366% 8/1/22 20,000 19,975 United States Treasury Bill 1.033% 8/23/22 20,000 19,975 United States Treasury Bill 1.211% 9/8/22 20,000 19,973 United States Treasury Bill 1.224% 10/13/22 5,283 5,264 United States Treasury Bill 1.225% 10/27/22		Notes	1.801 %-1.942 %	8/29/22	12,265	12,228
Management Bill 1.371% 8/16/22 20,000 19,962 3 United States Treasury Bill 0.220% 7/1/22 25,000 24,999 United States Treasury Bill 0.532% 7/14/22 20,000 19,997 United States Treasury Bill 0.727% 7/14/22 10,000 9,997 United States Treasury Bill 0.643% 7/12/22 20,000 19,995 United States Treasury Bill 0.366%-0.845% 7/12/22 20,000 19,975 United States Treasury Bill 0.956%-1.19% 8/2/22 30,000 29,971 United States Treasury Bill 0.0366% 8/11/22 25,000 24,974 United States Treasury Bill 1.033% 8/18/22 10,000 9,986 United States Treasury Bill 1.616% 9/12/22 20,000 19,955 United States Treasury Bill 1.211% 9/8/22 20,000 19,953 United States Treasury Bill 1.211% 9/8/22 20,000 19,955 United States Treasury Bill 1.255% 10/2/22		Notes	1.445%	9/1/22	479	478
United States Treasury 3M Bill Money Market 1.792% 7/1/22 7,500 3 United States Treasury Floating Rate Note, United States Treasury 3M Bill Money Market 1.807% 7/1/22 13,000 3 United States Treasury Teloating Rate Note, United States Treasury 3M Bill Money Market 1.807% 7/1/22 13,000 3 United States Treasury Teloating Rate Note, United States Treasury 3M Bill Money Market 1.807% 7/1/22 10,000 10,000 United States Treasury Note/Bond 1.750% 7/15/22 2,000 2,001 United States Treasury Note/Bond 1.875% 7/31/22 10,000 10,000 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 1,000 1,001 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	3 Ur Ur Ur	Management Bill ited States Treasury Bill ited	1.683% 0.220% 0.532% 0.772% 0.643% 0.9445% 0.956%-0.845% 1.072% 0.855% 1.033% 1.211% 1.616% 1.664% 1.113% 1.224% 1.255% 1.376% 1.427% 1.538% 1.597% 2.178% 1.922%	7/1/22 7/12/22 7/14/22 7/14/22 7/21/22 7/21/22 8/2/22 8/9/22 8/18/22 9/15/22 9/8/22 9/8/22 9/8/22 9/15/22 10/6/22 10/2/22 10/2/22 11/3/22 11/25/22 12/15/22 4/20/23	3,763 25,000 10,000 15,000 20,206 30,000 20,000 20,000 20,000 20,000 20,000 20,000 20,000 30,000 20,000 5,584 5,283 8,309 10,000 10,000 10,000 25,000	3,757 24,999 19,997 9,997 14,995 24,991 20,191 29,971 19,975 24,974 9,986 19,956 19,956 19,956 19,953 29,896 19,953 5,567 5,264 8,277 9,955 9,951 9,938 24,832 9,900 2,954
Floating Rate Note, United States Treasury 3M Bill Money Market Yield + 0.049% 1.807% 7/1/22 13,000 13,000 3 United States Treasury Floating Rate Note, United States Treasury 3M Bill Money Market Yield + 0.055% 1.813% 7/1/22 10,000 10,000 United States Treasury Note/Bond 1.750% 7/15/22 2,000 2,001 United States Treasury Note/Bond 1.875% 7/31/22 12,000 12,011 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 10,000 10,000 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.500% 8/15/22 2,100 2,104	3 Ur	3M Bill Money Market Yield + 0.034% nited States Treasury	1.792%	7/1/22	7,500	7,500
3M Bill Money Market Yield + 0.055% 1.813% 7/1/22 10,000 10,000 United States Treasury Note/Bond 1.750% 7/15/22 2,000 2,001 United States Treasury Note/Bond 1.875% 7/31/22 12,000 12,011 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 1,000 10,000 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	³ Ur	Floating Rate Note, United States Treasury 3M Bill Money Market Yield + 0.049% ited States Treasury Floating Rate Note,	1.807%	7/1/22	13,000	13,000
United States Treasury Note/Bond 1.750% 7/15/22 2,000 2,001 United States Treasury Note/Bond 1.875% 7/31/22 12,000 12,011 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 1,000 10,000 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	:	3M Bill Money Market	1813%	7/1/22	10.000	10.000
United States Treasury Note/Bond 1.875% 7/31/22 12,000 12,011 United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 1,000 10,000 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	Ur	iited States Treasury				
United States Treasury Note/Bond 0.125% 7/31/22 10,000 10,000 United States Treasury Note/Bond 2.000% 7/31/22 1,000 1,001 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	Ur	ited States Treasury		, .,		
United States Treasury Note/Bond 2.000% 7/31/22 1,000 1,001 United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	Ur	ited States Treasury				
United States Treasury Note/Bond 1.500% 8/15/22 6,200 6,205 United States Treasury Note/Bond 1.625% 8/15/22 2,100 2,104	Ur	ited States Treasury				
United States Treasury 1.625% 8/15/22 2,100 2,104	Ur	ited States Treasury				
	Ur	ited States Treasury				
Total U.S. Government and Agency Obligations (Cost \$909,728) 909,728						

	Yield ¹	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
Repurchase Agreements (24.1%)				
Canadian Imperial Bank of Commerce (Dated 6/16/22, Repurchase Value \$3,005,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.125%–2.500%, 4/15/25–2/15/42, and U.S. Treasury Note/Bond 1.125%–3.875%,				
5/15/40-2/15/42, with a value of \$3,060,000) Fixed Income Clearing Corp. (Dated 6/30/22, Repurchase Value \$1,000,000, collateralized by	1.550%	7/28/22	3,000	3,000
U.S. Treasury Note/Bond 1.250%, 8/15/31, with a value of \$1,020,000) Nomura Securities. (Dated 6/30/22, Repurchase Value \$20,001,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.125%, 1/15/32, and U.S. Treasury Note/Bond 1.750%–2.000%,	1.540%	7/1/22	1,000	1,000
11/15/29-8/15/51, with a value of \$20,400,000) RBC Capital Markets LLC (Dated 6/30/22, Repurchase Value \$2,000,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.125%-2.500%, 10/15/24-2/15/41, and U.S. Treasury Note/Bond 0.375%-3.375%,	1.550%	7/1/22	20,000	20,000
4/30/23–5/15/44, with a value of \$2,040,000) RBC Capital Markets LLC (Dated 6/30/22, Repurchase Value \$2,000,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.125%–2.500%, 10/15/24–2/15/41, and U.S. Treasury Note/Bond 0.375%–3.375%,	1.500%	7/5/22	2,000	2,000
4/30/23–5/15/44, with a value of \$2,040,000) Standard Chartered Bank (Dated 6/30/22, Repurchase Value \$2,000,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.125%–2.375%, 1/15/25–2/15/51, and U.S. Treasury Note/Bond 0.125%–3.125%,	1.540%	7/5/22	2,000	2,000
6/30/23–11/15/51, with a value of \$2,040,000) Sumitomo Mitsui Banking Corp. (Dated 6/30/22, Repurchase Value \$252,011,000, collateralized by U.S. Treasury Note/Bond 1.125%–2.875%,	1.495%	7/1/22	2,000	2,000
11/30/22–8/15/40, with a value of \$257,040,000)	1.550%	7/1/22	252,000	252,000

	Yield ¹	Maturity Date	Face Amount (\$000)	Market Value• (\$000)
TD Securities (USA) LLC (Dated 6/30/22, Repurchase Value \$7,000,000, collateralized by U.S. Treasury Note/Bond 3.000%, 6/30/24, with a value of \$7,140,000)	1.550%	7/1/22	7,000	7,000
Total Repurchase Agreements (Cost \$28	9,000)			289,000
Total Investments (100.0%) (Cost \$1,198,728)			1,198,728	
Other Assets and Liabilities—Net (0.0%)				(462)
Net Assets (100%)				1,198,266

Cost is in \$000.

See Note A in Notes to Financial Statements.
 Represents annualized yield at date of purchase for discount securities, and coupon for coupon-bearing securities.

The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.
 Variable-rate security; rate shown is effective rate at period end. Certain variable-rate securities are not based on a published reference rate and spread but are determined by the issuer or agent based on current market conditions.

on current market conditions.

3M—3-month. EFFR—Effective Federal Funds Rate. SOFR—Secured Overnight Financing Rate.

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$909,728)	909,728
Repurchase Agreements (Cost \$289,000)	289,000
Total Investments in Securities	1,198,728
Investment in Vanguard	42
Cash	2
Receivables for Accrued Income	544
Total Assets	1,199,316
Liabilities	
Payables for Capital Shares Redeemed	976
Payables to Vanguard	74
Total Liabilities	1,050
Net Assets	1,198,266

At June 30, 2022, net assets consisted of:

Paid-in Capital	1,198,263
Total Distributable Earnings (Loss)	3
Net Assets	1,198,266
Not Accoto	
Net Assets Applicable to 1,197,863,271 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,198,266

Statement of Operations

Six	Months Ended June 30, 2022
	(\$000)

	(2000)
Investment Income	
Income	
Interest	2,443
Total Income	2,443
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	11
Management and Administrative	741
Marketing and Distribution	47
Custodian Fees	38
Shareholders' Reports	8
Trustees' Fees and Expenses	_
Other Expenses	4
Total Expenses	849
Expense Reduction—Note B	(106)
Net Expenses	743
Net Investment Income	1,700
Realized Net Gain (Loss) on Investment Securities Sold	2
Net Increase (Decrease) in Net Assets Resulting from Operations	1,702

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	1,700	117
Realized Net Gain (Loss)	2	31
Net Increase (Decrease) in Net Assets Resulting from Operations	1,702	148
Distributions		
Total Distributions	(1,735)	(187)
Capital Share Transactions (at \$1.00 per share)		
Issued	234,092	243,373
Issued in Lieu of Cash Distributions	1,735	187
Redeemed	(143,347)	(439,128)
Net Increase (Decrease) from Capital Share Transactions	92,480	(195,568)
Total Increase (Decrease)	92,447	(195,607)
Net Assets		
Beginning of Period	1,105,819	1,301,426
End of Period	1,198,266	1,105,819

Financial Highlights

For a Share Outstanding	Six Months Ended June 30,			Year En	ded Decer	mber 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Investment Operations						
Net Investment Income ¹	.0015	.0001	.005	.022	.020	.010
Net Realized and Unrealized Gain (Loss) on Investments	(.0001)	_	_	_		_
Total from Investment Operations	.0014	.0001	.005	.022	.020	.010
Distributions						
Dividends from Net Investment Income	(.0014)	(.0001)	(.005)	(.022)	(.020)	(.010)
Distributions from Realized Capital Gains	(.0000)2		_	_	_	_
Total Distributions	(.0014)	(.0001)	(.005)	(.022)	(.020)	(.010)
Net Asset Value, End of Period	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Total Return	0.15%	0.02%	0.52%	2.26%	1.97%	1.01%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$1,198	\$1,106	\$1,301	\$1,243	\$1,218	\$961
Ratio of Expenses to Average Net Assets ³	0.13%	0.07%	0.15%	0.15%	0.15%	0.16%
Ratio of Net Investment Income to Average Net Assets	0.30%	0.01%	0.49%	2.23%	1.97%	1.00%

The expense ratio and net investment income ratio for the current period have been annualized.

Calculated based on average shares outstanding.
 Calculated based on average shares outstanding.
 Distribution was less than \$.0001 per share.
 Vanguard and the board of trustees have agreed to temporarily limit certain net operating expenses in excess of the portfolio's daily yield in order to maintain a zero or positive yield for the portfolio. Vanguard and the board of trustees may terminate the temporary expense limitation at any time. The portfolio is not obligated to repay this amount to Vanguard. The ratio of total expenses to average net assets before an expense reduction was 0.15% for 2022, 0.15% for 2021, and 0.15% for 2020. For the years ended December 31, 2019, 2018 and 2017, there were no expense reductions.

Notes to Financial Statements

The Money Market Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts.

The portfolio invests in repurchase agreements and short-term debt instruments of companies primarily operating in specific industries, particularly financial services; the issuers' abilities to meet their obligations may be affected by economic developments in such industries. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Securities are valued at amortized cost, which approximates market value.

2. Repurchase Agreements: The portfolio enters into repurchase agreements with institutional counterparties. Securities pledged as collateral to the portfolio under repurchase agreements are held by a custodian bank until the agreements mature, and in the absence of a default, such collateral cannot be repledged, resold, or rehypothecated. Each agreement requires that the market value of the collateral be sufficient to cover payments of interest and principal. The portfolio further mitigates its counterparty risk by entering into repurchase agreements only with a diverse group of prequalified counterparties, monitoring their financial strength, and entering into master repurchase agreements with its counterparties. The master repurchase agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any repurchase agreements with that counterparty, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio. Such action may be subject to legal proceedings, which may delay or limit the disposition of collateral.

3. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

4. Distributions: Distributions from net investment income are declared daily and paid on the first business day of the following month. Annual distributions from realized capital gains, if any, are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

5. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and

borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

6. Other: Interest income is accrued daily. Premiums and discounts on debt securities are amortized and accreted, respectively, to interest income over the lives of the respective securities, except for premiums on certain callable debt securities that are amortized to the earliest call date. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$42,000, representing less than 0.01% of the portfolio's net assets and 0.02% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

Vanguard and the board of trustees have agreed to temporarily limit certain net operating expenses in excess of the portfolio's daily yield in order to maintain a zero or positive yield for the portfolio. Vanguard and the board of trustees may terminate the temporary expense limitation at any time. For the six months ended ended June 30, 2022, Vanguard's expenses were reduced by \$106,000 (an effective annual rate of 0.02% of the portfolio's average net assets); the portfolio is not obligated to repay this amount to Vanguard.

C. Various inputs may be used to determine the value of the portfolio's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments valued with significant unobservable inputs are noted on the Schedule of Investments.

At June 30, 2022, 100% of the market value of the portfolio's investments was determined using amortized cost, in accordance with rules under the Investment Company Act of 1940. Amortized cost approximates the current fair value of a security, but since the value is not obtained from a quoted price in an active market, securities valued at amortized cost are considered to be valued using Level 2 inputs.

D. As of June 30, 2022, gross unrealized appreciation and depreciation for investments based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	1,198,728
Gross Unrealized Appreciation	-
Gross Unrealized Depreciation	_
Net Unrealized Appreciation (Depreciation)	—

E. At June 30, 2022, one shareholder (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 89% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

F. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Money Market Portfolio has renewed the portfolio's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Fixed Income Group. The board determined that continuing the portfolio's internalized management structure was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term, and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Fixed Income Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with a relevant benchmark index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory expenses were also below the peer-group average.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees.

The benefit of economies of scale

The board concluded that the portfolio's arrangement with Vanguard ensures that the portfolio will realize economies of scale as it grows, with the cost to shareholders declining as portfolio assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Annuity and Insurance Services > 800-522-5555

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Real Estate Index Portfolio

Contents

About Your Portfolio's Expenses 1	
Financial Statements 3	ł
Trustees Approve Advisory Arrangement14	÷
Liquidity Risk Management15	j.

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Six Months Ended June 30, 2022

Real Estate Index Portfolio	Beginning Account Value 12/31/2021	Ending Account Value 6/30/2022	Expenses Paid During Period
Based on Actual Portfolio Return	\$1,000.00	\$ 794.60	\$1.16
Based on Hypothetical 5% Yearly Return	1,000.00	1,023.51	1.30

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.26%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Real Estate Index Portfolio

Portfolio Allocation

As of June 30, 2022

Diversified Real Estate Activities	0.1%
Diversified REITs	3.0
Health Care REITs	8.3
Hotel & Resort REITs	2.4
Industrial REITs	11.4
Office REITs	5.9
Real Estate Development	0.2
Real Estate Operating Companies	0.5
Real Estate Services	3.8
Residential REITs	15.3
Retail REITs	10.9
Specialized REITs	38.2
Retail REITs	10.9

The table reflects the portfolio's investments, except for short-term investments and derivatives. Sector categories are based on the Global Industry Classification Standard ("GICS"), except for the "Other" category (if applicable), which includes securities that have not been provided a GICS classification as of the effective reporting period.

The portfolio may invest in derivatives (such as futures and swap contracts) for various reasons, including, but not limited to, attempting to remain fully invested and tracking its target index as closely as possible.

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard and Poor's, a division of McGraw-Hill Companies, Inc. ("S&P"), and is licensed for use by Vanguard. Neither MSCI, S&P nor any third party involved in making or compiling the GICS or any GICS classification makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of its affiliates or any third party involved in making or compiling the GICS or any GICS classification have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

		Value•
	Shares	(\$000)
Equity Real Estate InvestmentTrusts (REITs) (95.3%)		
Diversified REITs (3.0%)		
WP Carey Inc.	166,017	13,756
STORE Capital Corp.	216,285	5,641
PS Business Parks Inc.	17,967	3,362
Broadstone Net Lease Inc.	142,191	2,916
Essential Properties Realty Trust Inc. American Assets Trust Inc.	109,619 44,714	2,356 1,328
Global Net Lease Inc.	89,957	1,320
Alexander & Baldwin Inc.	62,797	1,127
Empire State Realty Trust Inc. Class A	124,617	876
iStar Inc.	59,781	820
Armada Hoffler Properties Inc.	59,283	761
Gladstone Commercial Corp.	33,124	624
One Liberty Properties Inc.	14,726	383
		35,224
Health Care REITs (8.3%)		00,224
Welltower Inc.	389,353	32,063
Ventas Inc.	347,599	17,877
Healthpeak Properties Inc.	469,564	12,166
Medical Properties Trust Inc.	519,236	7,929
Omega Healthcare Investors Inc.	208,984	5,891
Healthcare Trust of America Inc. Class A	192,475	5,372
Healthcare Realty Trust Inc.	131,126	3,567
Physicians Realty Trust	195,995	3,420
Sabra Health Care REIT Inc.	201,599	2,816
National Health Investors Inc.	39,918	2,420
CareTrust REIT Inc.	83,925	1,548
LTC Properties Inc.	34,162	1,312
Community Healthcare Trust Inc. Global Medical REIT Inc.	20,746	751 608
Universal Health Realty Income Trust	54,165 11,396	606
Diversified Healthcare Trust	211,854	386
	211,001 -	
Hotel & Resort REITs (2.4%)		98,732
Host Hotels & Resorts Inc.	621,704	9,748
⁶ Ryman Hospitality Properties Inc.	45,646	3,470
Park Hotels & Resorts Inc.	204,913	2,781
Apple Hospitality REIT Inc.	187,971	2,757
Pebblebrook Hotel Trust	113,977	1,889
Sunstone Hotel Investors Inc.	190,084	1,886
RLJ Lodging Trust	144,359	1,592
DiamondRock Hospitality Co.	182,656	1,500
Xenia Hotels & Resorts Inc.	98,946	1,438
Service Properties Trust	145,260	760
Summit Hotel Properties Inc. Chatham Lodging Trust	92,884	675 419
	40,128	
ndustrial REITs (11.3%)		28,915
Prologis Inc.	644,204	75,791
Duke Realty Corp.	333,308	18,315
Rexford Industrial Realty Inc.	139,424	8,029
Americold Realty Trust Inc.	233,376	7,011
EastGroup Properties Inc.	35,921	5,544
First Industrial Realty Trust Inc.	114,861	5,453
STAG Industrial Inc.	154,473	4,770
Terreno Realty Corp.	65,530	3,652
LXP Industrial Trust	249,241	2,677

	Shares	Market Value• (\$000)
Innovative Industrial Properties Inc.	22,385	2,459
Industrial Logistics Properties Trust	56,942	802
Plymouth Industrial REIT Inc.	31,249 _	548
Office REITs (5.9%)		135,051
Alexandria Real Estate Equities Inc.	132,252	19,181
Boston Properties Inc.	129,565	11,529
Kilroy Realty Corp.	91,578	4,792
Vornado Realty Trust	142,388	4,071
Cousins Properties Inc.	129,013	3,771
Douglas Emmett Inc.	152,378	3,410
Highwoods Properties Inc.	91,026	3,112
* Equity Commonwealth	98,032	2,699
SL Green Realty Corp. Corporate Office Properties Trust	56,117 97,450	2,590 2,552
JBG SMITH Properties	99,597	2,352
Hudson Pacific Properties Inc.	131,045	2,334 1,945
Brandywine Realty Trust	148,164	1,428
Piedmont Office Realty Trust Inc. Class A	106,944	1,403
Easterly Government Properties Inc. Class A	71,399	1,359
Paramount Group Inc.	152,903	1,106
* Veris Residential Inc.	67,793	898
Office Properties Income Trust	41,562	829
Orion Office REIT Inc.	49,967	548
City Office REIT Inc.	37,066	480
Franklin Street Properties Corp.	88,560 _	369
Residential REITs (15.3%)		70,426
AvalonBay Communities Inc.	121,765	23,653
Equity Residential	311,054	22,464
Invitation Homes Inc.	529,347	18,834
Mid-America Apartment Communities Inc.	100,480	17,551
Sun Communities Inc.	100,873	16,075
Essex Property Trust Inc.	56,793	14,852
UDR Inc.	277,395	12,771
Camden Property Trust	85,416	11,487
Equity LifeStyle Properties Inc. American Homes 4 Rent Class A	153,626	10,826
American Homes 4 Rent Class A American Campus Communities Inc.	272,261 122,511	9,649 7,898
American Campus Communities inc. Apartment Income REIT Corp. Class A	136,721	5,688
Independence Realty Trust Inc.	192,342	3,987
Washington REIT	76,094	1,622
NexPoint Residential Trust Inc.	20,069	1,255
Centerspace	12,995	1,060
* Apartment Investment & Management Co. Class A	130,954	838
UMH Properties Inc.	43,231	763
Bluerock Residential Growth REIT Inc. Class A	25,290	665
Retail REITs (10.9%)		181,938
Realty Income Corp.	514,613	35,128
Simon Property Group Inc.	285,927	27,140
Kimco Realty Corp.	536,344	10,604
Regency Centers Corp.	134,247	7,962
National Retail Properties Inc.	152,971	6,578
Federal Realty OP LP	61,650	5,902
Brixmor Property Group Inc.	259,842	5,251
Agree Realty Corp.	61,983	4,471
Spirit Realty Capital Inc.	111,319	4,206
Phillips Edison & Co. Inc.	98,897	3,304

		Market
	Shares	Value*
		(\$000)
Kite Realty Group Trust	189,836	3,282
SITE Centers Corp.	165,878	2,234
Retail Opportunity Investments Corp.	107,038	1,689
Macerich Co.	184,568	1,608
Urban Edge Properties	101,760	1,548
InvenTrust Properties Corp.	58,138	1,499
Tanger Factory Outlet Centers Inc.	90,202	1,283
Acadia Realty Trust	78,452	1,225
Getty Realty Corp.	34,141	905
Necessity Retail REIT Inc. Class A	112,232	817
RPT Realty	74,393	731
NETSTREIT Corp.	37,943	716
Saul Centers Inc.	12,456	587
Alexander's Inc.	1,954	434
Urstadt Biddle Properties Inc. Class A	26,700	433
* CBL & Associates Properties Inc.	10,909	256
*,1 Spirit MTA REIT	42,040	11
		129,804
Specialized REITs (38.2%)		125,004
American Tower Corp.	396,812	101,421
Crown Castle International Corp.	376,199	63,344
Equinix Inc.		
Public Storage	78,981 137,177	51,892
6	,	42,891
Digital Realty Trust Inc.	247,686	32,157
SBA Communications Corp.	94,698	30,308
VICI Properties Inc.	837,373	24,945
Weyerhaeuser Co.	649,202	21,502
Extra Space Storage Inc.	116,627	19,841
Iron Mountain Inc.	252,253	12,282
Gaming & Leisure Properties Inc.	204,660	9,386
CubeSmart	195,078	8,334
Life Storage Inc.	72,896	8,140
Lamar Advertising Co. Class A	75,629	6,653
Rayonier Inc.	126,345	4,723
National Storage Affiliates Trust	75,585	3,785
EPR Properties	64,987	3,050
PotlatchDeltic Corp.	60,243	2,662
Uniti Group Inc.	204,781	1,929
Four Corners Property Trust Inc.	69,430	1,846
Outfront Media Inc.	107,805	1,827
Gladstone Land Corp.	28,668	635
Safehold Inc.	14,971	529
		454,082
	¢1 104 000\	
Total Equity Real Estate InvestmentTrusts (REITs) (Cost	\$1,134,023)	1,134,172
Real Estate Management & Development (4.6%)		
Diversified Real Estate Activities (0.1%)		
St. Joe Co.	28,093	1,111
RMR Group Inc. Class A	13,790	391
Pool Estate Development (0.20/)		1,502
Real Estate Development (0.2%)	05 005	2 400
* Howard Hughes Corp.	35,835	2,438

Share	Market Value• es (\$000)
* Forestar Group Inc. 16,71	1 229
	2,667
Real Estate Operating Companies (0.5%) DigitalBridge Group Inc. 497,41 Kennedy-Wilson Holdings Inc. 107,52 * ² WeWork Inc. 152,49 FRP Holdings Inc. 5,47	2 2,036 8 766 2 330
* Seritage Growth Properties Class A 30,22	.4158
Real Estate Services (3.8%) CBRE Group Inc. Class A 291,51 Jones Lang LaSalle Inc. 43,56 Zillow Group Inc. Class C 143,62 Cushman & Wakefield plc 127,54 Zillow Group Inc. Class A 53,13 Opendoor Technologies Inc. 350,75 Newmark Group Inc. Class A 165,61 Anywhere Real Estate Inc. 101,83 Marcus & Millichap Inc. 22,18 *. ² Compass Inc. Class A 194,67 eXp World Holdings Inc. 57,90 Redfin Corp. 82,55 RE/MAX Holdings Inc. 62,89 Offerpad Solutions Inc. 49,63 Doma Holdings Inc. 83,75	77 7,618 12 4,560 11 1,944 16 1,690 11 1,652 16 1,602 19 1,001 19 821 12 703 18 682 10 680 14 406 13 301 11 108
Total Real Estate Management & Development (Cost \$82,901)	55,199
Temporary Cash Investments (0.1%)	
Money Market Fund (0.1%) ^{3,4} Vanguard Market Liquidity Fund, 1.417%	
(Cost \$863) 8,63	3 863
Total Investments (100.0%) (Cost \$1,217,787)	1,190,234
Other Assets and Liabilities-Net (0.0%)	(316)
Net Assets (100%)	1,189,918
Cost is in \$000 • See Note A in Notes to Financial Statements. * Non-income-producing security. 1 Security value determined using significant unobservable inputs.	

Security value determined using significant unobservable inputs.
 Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$710,000.

Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
Collateral of \$848,000 was received for securities on loan.

REIT—Real Estate Investment Trust.

Derivative Financial Instruments Outstanding as of Period End				
Futures Contracts				
				(\$000)
	Expiration	Number of Long (Short) Contracts	Notional Amount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts				
Dow Jones U.S. Real Estate Index	September 2022	33	1,178	(7)

Statement of Assets and Liabilities

As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value ¹	
Unaffiliated Issuers (Cost \$1,216,924)	1,189,371
Affiliated Issuers (Cost \$863)	863
Total Investments in Securities	1,190,234
Investment in Vanguard	46
Cash Collateral Pledged—Futures Contracts	92
Receivables for Investment Securities Sold	198
Receivables for Accrued Income	3,961
Receivables for Capital Shares Issued	250
Total Assets	1,194,781
Liabilities	
Due to Custodian	809
Payables for Investment Securities Purchased	2,189
Collateral for Securities on Loan	848
Payables for Capital Shares Redeemed	889
Payables to Vanguard	125
Variation Margin Payable—Futures Contracts	3
Total Liabilities	4,863
Net Assets	1,189,918

1 Includes \$710 of securities on loan.

At June 30, 2022, net assets consisted of:

Paid-in Capital	1,172,777
Total Distributable Earnings (Loss)	17,141
Net Assets	1,189,918
Net Assets	
Applicable to 95,725,300 outstanding \$.001 par value shares of	
beneficial interest (unlimited authorization)	1,189,918
	\$12.43

Statement of Operations

	Six Months Ended June 30, 2022
	(\$000)
Investment Income	
Income	
Dividends	14,332
Interest ¹	1
Securities Lending—Net	_
Total Income	14,333
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	94
Management and Administrative	1,578
Marketing and Distribution	49
Custodian Fees	9
Shareholders' Reports	10
Trustees' Fees and Expenses	
Other Expenses	4
Total Expenses	1,744
Net Investment Income	12,589
Realized Net Gain (Loss)	
Capital Gain Distributions Received	3,036
Investment Securities Sold ¹	29,544
Futures Contracts	(217)
Realized Net Gain (Loss)	32,363
Change in Unrealized Appreciation (Depreciation)	
Investment Securities ¹	(357,633)
Futures Contracts	(88)
Change in Unrealized Appreciation (Depreciation)	(357,721)
Net Increase (Decrease) in Net Assets Resulting from Operations	(312,769)

1 Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the portfolio were \$1,000, less than \$1,000, and less than \$1,000, respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	12,589	23,366
Realized Net Gain (Loss)	32,363	55,051
Change in Unrealized Appreciation (Depreciation)	(357,721)	357,888
Net Increase (Decrease) in Net Assets Resulting from Operations	(312,769)	436,305
Distributions		
Total Distributions	(77,984)	(58,868)
Capital Share Transactions		
Issued	85,806	219,715
Issued in Lieu of Cash Distributions	77,984	58,868
Redeemed	(121,019)	(195,227)
Net Increase (Decrease) from Capital Share Transactions	42,771	83,356
Total Increase (Decrease)	(347,982)	460,793
Net Assets		
Beginning of Period	1,537,900	1,077,107
End of Period	1,189,918	1,537,900

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year	Ended Dec	ember 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$16.56	\$12.43	\$13.74	\$11.57	\$13.14	\$13.48
Investment Operations						
Net Investment Income ¹	.133	.257	.259	.329	.367	.375
Net Realized and Unrealized Gain (Loss) on Investments	(3.410)	4.553	(1.054)	2.874	(1.084)	.220
Total from Investment Operations	(3.277)	4.810	(.795)	3.203	(.717)	.595
Distributions						
Dividends from Net Investment Income	(.262)	(.293)	(.316)	(.368)	(.383)	(.336)
Distributions from Realized Capital Gains	(.591)	(.387)	(.199)	(.665)	(.470)	(.599)
Total Distributions	(.853)	(.680)	(.515)	(1.033)	(.853)	(.935)
Net Asset Value, End of Period	\$12.43	\$16.56	\$12.43	\$13.74	\$11.57	\$13.14
Total Return	-20.54%	40.21%	-4.85%	28.81%	-5.35%	4.78%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$1,190	\$1,538	\$1,077	\$1,242	\$965	\$1,077
Ratio of Total Expenses to Average Net Assets	s 0.26%	0.26%	0.26%	0.26%	0.26%	0.27%
Ratio of Net Investment Income to Average Net Assets	1.81%	1.79%	2.19%	2.52%	3.04%	2.87%
Portfolio Turnover Rate	6%	12%	10%	7%	35%	10%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

Notes to Financial Statements

The Real Estate Index Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value.

2. Futures Contracts: The portfolio uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, maintaining liquidity, and minimizing transaction costs. The portfolio may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the portfolio and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the portfolio trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the portfolio's performance and requires daily settlement of variation margin representing changes in the market value of each contract. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on futures contracts.

During the six months ended June 30, 2022, the portfolio's average investments in long and short futures contracts represented less than 1% and 0% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period.

3. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

4. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

5. Securities Lending: To earn additional income, the portfolio lends its securities to qualified institutional borrowers. Security loans are subject to termination by the portfolio at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than the value of the collateral received. When this occurs, the collateral is adjusted and settled before the opening of the market on the next business day. The portfolio further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of

prequalified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the portfolio may experience delays and costs in recovering the securities loaned. The portfolio invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the portfolio is entitled to all distributions made on or in respect of the loaned securities.

6. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

7. Other: Distributions received from investment securities are recorded on the ex-dividend date. Non-cash dividends included in income, if any, are recorded at the fair value of the securities received. Each investment security reports annually the tax character of its distributions. Dividend income, capital gain distributions received, and unrealized appreciation (depreciation) reflect the amounts of taxable income, capital gain, and return of capital reported by the investment securities, and management's estimates of such amounts for investment security distributions for which actual information has not been reported. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$46,000, representing less than 0.01% of the portfolio's net assets and 0.02% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

C. Various inputs may be used to determine the value of the portfolio's investments and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

The following table summarizes the market value of the portfolio's investments and derivatives as of June 30, 2022, based on the inputs used to value them:

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)	Total (\$000)
Investments				
Assets				
Common Stocks	1,189,360	_	11	1,189,371
Temporary Cash Investments	863	_	_	863
Total	1,190,223	_	11	1,190,234
Derivative Financial Instruments				
Liabilities				
Futures Contracts ¹	7	_	_	7

1 Includes cumulative appreciation (depreciation) on futures contracts and centrally cleared swaps, if any, as reported in the Schedule of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

D. As of June 30, 2022, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	1,218,985
Gross Unrealized Appreciation	202,171
Gross Unrealized Depreciation	(230,929)
Net Unrealized Appreciation (Depreciation)	(28,758)

E. During the six months ended June 30, 2022, the portfolio purchased \$78,001,000 of investment securities and sold \$93,521,000 of investment securities, other than temporary cash investments.

The portfolio purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2022, such purchases were \$198,000 and sales were \$54,000, resulting in net realized loss of \$36,000; these amounts, other than temporary cash investments, are included in the purchases and sales of investment securities noted above.

F. Capital shares issued and redeemed were:

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	Shares (000)	Shares (000)
Issued	5,914	15,445
Issued in Lieu of Cash Distributions	5,356	4,535
Redeemed	(8,387)	(13,787)
Net Increase (Decrease) in Shares Outstanding	2,883	6,193

At June 30, 2022, one shareholder (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 39% of the portfolio's net assets. If this shareholder were to redeem its

investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

G. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Real Estate Index Portfolio has renewed the portfolio's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Equity Index Group. The board determined that continuing the portfolio's internalized management structure was in the best interests of the portfolio and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term, and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Equity Index Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

Investment performance

The board considered the short- and long-term performance of the portfolio, including any periods of outperformance or underperformance compared with its target index and peer group. The board concluded that the performance was such that the advisory arrangement should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory expenses were also below the peer-group average.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees.

The benefit of economies of scale

The board concluded that the portfolio's arrangement with Vanguard ensures that the portfolio will realize economies of scale as it grows, with the cost to shareholders declining as portfolio assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the Real Estate Index Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

This page intentionally left blank.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Direct Investor Account Services > 800-662-2739

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your portfolio on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

Vanguard

Semiannual Report | June 30, 2022

Vanguard Variable Insurance Funds

Small Company Growth Portfolio

Contents

About Your Portfolio's Expenses 1	
Financial Statements 3	5
Trustees Approve Advisory Arrangement14	ł
Liquidity Risk Management16	5

About Your Portfolio's Expenses

As a shareholder of the portfolio, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a portfolio's gross income, directly reduce the investment return of the portfolio.

A portfolio's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your portfolio and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your portfolio's costs in two ways:

• Based on actual portfolio return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the portfolio's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the portfolio. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your portfolio under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your portfolio's costs with those of other mutual funds. It assumes that the portfolio had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the portfolio's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your portfolio's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the portfolio for buying and selling securities. The portfolio's expense ratio does not reflect additional fees and expenses associated with the annuity or life insurance program through which you invest.

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the portfolio's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your portfolio's current prospectus.

Six	Months	Ended	June	30,	2022	

	Beginning Account Value	Ending Account Value	Expenses Paid During
Small Company Growth Portfolio	12/31/2021	6/30/2022	Period
Based on Actual Portfolio Return	\$1,000.00	\$ 723.80	\$1.28
Based on Hypothetical 5% Yearly Return	1,000.00	1,023.31	1.51

The calculations are based on expenses incurred in the most recent six-month period. The portfolio's annualized six-month expense ratio for that period is 0.30%. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

Small Company Growth Portfolio

Portfolio Allocation

As of June 30, 2022

Communication Services	3.5%
Consumer Discretionary	15.0
Consumer Staples	2.0
Energy	2.6
Financials	4.5
Health Care	22.5
Industrials	22.5
Information Technology	22.3
Materials	2.9
Real Estate	1.5
Utilities	0.7
Other	0.0

The table reflects the portfolio's investments, except for short-term investments and derivatives. Sector categories are based on the Global Industry Classification Standard ("GICS"), except for the "Other" category (if applicable), which includes securities that have not been provided a GICS classification as of the effective reporting period.

Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard and Poor's, a division of McGraw-Hill Companies, Inc. ("S&P"), and is licensed for use by Vanguard. Neither MSCI, S&P nor any third party involved in making or compiling the GICS or any GICS classification makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of its affiliates or any third party involved in making or compiling the GICS or any GICS classification have any liability for any direct, indirect, special, punitive, consequential or any other damages (including lost profits) even if notified of the possibility of such damages.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2022

The portfolio files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The portfolio's Form N-PORT reports are available on the SEC's website at www.sec.gov.

		Shares	Market Value• (\$000)			Shares	Market Value• (\$000)		Shares	Market Value• (\$000)
Со	mmon Stocks (94.8%)				Patrick Industries Inc.	38,779	2,010	RCI Hospitality		
Со	mmunication Services (3.3	%)		*	Tri Pointe Homes Inc.	118,346	1,997	Holdings Inc.	3,358	162
*	Ziff Davis Inc.	254,743	18,986	*	Perdoceo Education Corp.	158,802	1,871	* CarParts.com Inc.	23,083	160
*	ZipRecruiter Inc. Class A	535,034	7,929	*	SeaWorld			* Children's Place Inc.	3,918	153
*	Cargurus Inc.	193,395	4,156		Entertainment Inc.	41,072	1,815			189,960
*	Iridium	100,000	1,100		Columbia Sportswear Co.	22,954	1,643	Consumer Staples (1.9%)		
	Communications Inc.	73,123	2,746		Caleres Inc.	61,841	1,623	Coca-Cola		
*	Yelp Inc. Class A	80,912	2,247	*	Pool Corp.	4,582	1,609	Consolidated Inc.	7,915	4,463
*	Playtika Holding Corp.	139,695	1,850		Six Flags Entertainment	70 505	4 507	* BJ's Wholesale Club		
	Nexstar Media Group Inc.			*	Corp.	73,595	1,597	Holdings Inc.	56,518	3,522
	Class A	10,247	1,669		WW International Inc.	239,339	1,529	John B Sanfilippo &		
*	Clear Channel Outdoor			*	Tapestry Inc.	44,264	1,351	Son Inc.	39,220	2,843
	Holdings Inc.	1,059,840	1,134	*	Cavco Industries Inc.	6,379	1,250	* Pilgrim's Pride Corp.	85,688	2,676
*,1	Starry Group Holdings Inc.	250,133	1,031	*	Golden Entertainment Inc.	26,397	1,044	* Darling Ingredients Inc.	40,194	2,404
	Cogent Communications			*	Liquidity Services Inc.	74,515	1,001	* United Natural Foods Inc.	45,233	1,782
	Holdings Inc.	9,417	572		Master Craft Boat	47510	1 000	Medifast Inc.	9,347	1,687
*	Vimeo Inc.	85,010	512		Holdings Inc.	47,519	1,000	* Central Garden & Pet Co.		
	Sinclair Broadcast			*	Travel + Leisure Co.	24,711	959	Class A	41,487	1,660
	Group Inc. Class A	24,494	500		Asbury Automotive	E 610	050	Vector Group Ltd.	131,511	1,381
	Integral Ad Science	00.000	0.07	*	Group Inc.	5,619	952	* Herbalife Nutrition Ltd.	58,607	1,199
*	Holding Corp.	26,928	267		Dorman Products Inc.	8,532	936	* USANA Health	45 400	
*	IDT Corp. Class B	8,596	216	*	Shoe Carnival Inc.	41,694	901	Sciences Inc.	15,400	1,114
	Consolidated			*	Brinker International Inc.	39,481	870	Turning Point Brands Inc.	16,495	447
	Communications Holdings Inc.	27,951	196	*	Everi Holdings Inc.	52,353	854	* BellRing Brands Inc.	8,307	207
	Holdings Inc.	27,351			Modine Manufacturing Co.	75,621	796			25,385
			44,011	*		75,021	790	Energy (2.4%)		
Co	nsumer Discretionary (14.2	2%)			Scientific Games Corp. Class A	16,851	792	Texas Pacific Land Corp.	2,750	4,092
*	frontdoor Inc.	812,424	19,563	*	American Axle &	10,001	152	* Southwestern Energy Co.	491,473	3,072
*	Skechers USA Inc. Class A	539,573	19,198		Manufacturing			Diamondback Energy Inc.	22,221	2,692
*	Sally Beauty Holdings Inc.	1,144,649	13,644		Holdings Inc.	104,737	789	SM Energy Co.	71,264	2,437
*	Grand Canyon			*	Boot Barn Holdings Inc.	11,146	768	Ovintiv Inc. (XNYS)	45,349	2,004
	Education Inc.	91,744	8,641	*	Crocs Inc.	15,739	766	* Talos Energy Inc.	111,745	1,729
	Hanesbrands Inc.	741,592	7,631		Academy Sports &			* Kosmos Energy Ltd.	254,475	1,575
	Carter's Inc.	91,892	6,477		Outdoors Inc.	21,353	759	* Delek US Holdings Inc.	47,744	1,234
	Churchill Downs Inc.	32,010	6,131		Standard Motor			* US Silica Holdings Inc.	94,857	1,083
*	Fox Factory Holding Corp.	64,213	5,172		Products Inc.	15,780	710	* Callon Petroleum Co.	27,115	1,063
	Shutterstock Inc.	89,949	5,155	*	Vivint Smart Home Inc.	201,317	701	* Laredo Petroleum Inc.	14,813	1,021
	Texas Roadhouse Inc.				Murphy USA Inc.	2,850	664	* Amplify Energy Corp.	155,860	1,019
*	Class A	68,452	5,011		Carriage Services Inc.			* Liberty Energy Inc.	100,000	1,010
	2U Inc.	418,352	4,380		Class A	16,479	653	Class A	72,896	930
	Polaris Inc.	38,817	3,854	*	Chegg Inc.	34,694	652	* Valaris Ltd.	22,001	929
	Canada Goose	007770	0 740	*	Deckers Outdoor Corp.	2,528	646	Matador Resources Co.	19,219	895
	Holdings Inc.	207,772	3,742		Steven Madden Ltd.	18,020	580	* Denbury Inc.	14,748	885
*	Williams-Sonoma Inc.	32,896	3,650	*	RH	2,723	578	* TETRA Technologies Inc.	212,231	862
	Under Armour Inc.	467500	2 5 4 4	*	Five Below Inc.	4,970	564	Arch Resources Inc.	5,332	763
	Class C PultoCroup Inc	467,593	3,544	*	Revolve Group Inc.	20,813	539	* PBF Energy Inc. Class A	22,138	642
	PulteGroup Inc.	88,925	3,524		Red Rock Resorts Inc.			CVR Energy Inc.	16,127	540
*	Boyd Gaming Corp.	68,916	3,429	,	Class A	14,972	499	* Antero Resources Corp.	16,397	503
	Farfetch Ltd. Class A	453,513	3,247	*	Visteon Corp.	4,677	484	* Gulfport Energy Corp.	5,713	454
* 1	Toll Brothers Inc.	72,162	3,218	*	Duluth Holdings Inc.			Riley Exploration	0,710	-0-
	Sportradar Holding AG Class A	362,794	2 866	*	Class B	50,613	483	Permian Inc.	18,541	448
*	Skyline Champion Corp.		2,866	-	Chico's FAS Inc.	80,045	398	* W&T Offshore Inc.	98,534	426
*	, , , ,	59,719	2,832		Hibbett Inc.	6,826	298	* NexTier Oilfield	22,001	.20
	Floor & Decor Holdings Inc. Class A	37,917	2,387		Wendy's Co.	13,034	246	Solutions Inc.	31,121	296
	Buckle Inc.	84,659	2,387 2,344		Ruth's Hospitality			* Earthstone Energy Inc.	,	
*	Stride Inc.	64,059 53,251	2,344 2,172	*	Group Inc.	14,631	238	Class A	19,053	260
*	Dave & Buster's	55,201	2,1/2	*	Stitch Fix Inc. Class A	41,715	206	Kinetik Holdings Inc.		
	Entertainment Inc.	64,917	2,128	- 	Funko Inc. Class A	9,174	205	Class A	5,089	174
	Signet Jewelers Ltd.	39,319	2,120	*,` *	forma i foranigo into.	44,029	190	* Par Pacific Holdings Inc.	9,741	152
	Oxford Industries Inc.	23,385	2,075	*	Quotient Technology Inc.	60,255	179			
		,000	_, , , , , ,		MarineMax Inc.	4,786	173			

		Shares	Market Value• (\$000)			Shares	Market Value• (\$000
	Solaris Oilfield		<u> </u>	*	Nevro Corp.	114,720	5,028
	Infrastructure Inc.				Teleflex Inc.	20,011	4,920
	Class A	11,808	129		Chemed Corp.	9,934	4,663
		_	32,309	*	AMN Healthcare	0,004	4,000
Fin	ancials (4.3%)		32,303		Services Inc.	40,896	4,487
	LPL Financial			*	CorVel Corp.	30,315	4,464
	Holdings Inc.	48,322	8,914	*	IQVIA Holdings Inc.	19,865	4,311
	FactSet Research	-0,022	0,014	*	Sarepta Therapeutics Inc.	56,252	4,217
	Systems Inc.	21,159	8,137	*	Avantor Inc.	133,037	4,137
	WisdomTree	21,100	0,107	*	Axogen Inc.	473,535	3,878
	Investments Inc.	1,309,235	6,638	*	Relay Therapeutics Inc.	229,791	3,849
	Kinsale Capital Group Inc.	21,449	4,926	*	Alkermes plc	126,357	3,764
	Everest Re Group Ltd.	16,957	4,753	*	Arvinas Inc.	89,362	3,761
	Synovus Financial Corp.	100,275	3,615	*		,	,
	Virtus Investment	100,270	0,010	*	STAAR Surgical Co.	52,938	3,755
	Partners Inc.	18,381	3,144	*	C4 Therapeutics Inc.	481,968	3,634
	Brightsphere Investment		-,	*	Shockwave Medical Inc.	18,176	3,475
	Group Inc.	82,900	1,493		Agios	151 070	2 2 4 0
	Cowen Inc. Class A	62,907	1,490	*	Pharmaceuticals Inc.	151,070	3,349
	First Citizens	_,	,		Inspire Medical Systems Inc.	18,084	3,303
	BancShares Inc. Class A	2,206	1,442	*	Ionis Pharmaceuticals Inc.	18,084 80,051	2,963
*	LendingClub Corp.	117,552	1,374	*			
	Pacific Premier	,			Masimo Corp. Bio-Techne Corp.	22,327	2,917
	Bancorp Inc.	41,840	1,223	*	Bio-Techne Corp. Doximity Inc. Class A	8,116 79,648	2,813
	RLI Corp.	10,097	1,177	*	,	79,648	2,773
	Ares Management Corp.				Veeva Systems Inc.	10 567	0 607
	Class A	18,138	1,031	*	Class A	13,567	2,687
	Regional Management			*	Lantheus Holdings Inc. Tandem Diabetes	35,491	2,343
	Čorp.	26,303	983		Care Inc.	38,707	2,291
	Hanmi Financial Corp.	40,655	912			143,156	
*	Credit Acceptance Corp.	1,603	759	*	Stevanato Group SpA FibroGen Inc.		2,263
*	Focus Financial				West Pharmaceutical	207,594	2,192
	Partners Inc. Class A	22,075	752		Services Inc.	6,493	1,963
	Cohen & Steers Inc.	11,210	713	*	Novavax Inc.	35,387	1,820
*,1	Upstart Holdings Inc.	16,877	534	*	Exelixis Inc.		,
*	Donnelley Financial			*		81,995	1,707
	Solutions Inc.	17,488	512		Tenet Healthcare Corp.	32,419	1,704
*	Silvergate Capital Corp.			*	Encompass Health Corp.	30,005	1,682
	Class A	9,404	503		Apellis Pharmaceuticals Inc.	36,812	1 665
	Western Alliance Bancorp	5,858	414	*			1,665
	Bank of NT Butterfield &			*	Agenus Inc. Deciphera	835,127	1,620
*	Son Ltd.	11,785	368		Pharmaceuticals Inc.	106,230	1,397
*	Atlanticus Holdings Corp.	7,257	255		iRadimed Corp.	39,996	,
*	Palomar Holdings Inc.	2,983	192	*	PTC Therapeutics Inc.	,	1,357
*	Open Lending Corp.			*		31,774	1,273
	Class A	18,805	192	*	Heron Therapeutics Inc.	452,546	1,263
	Walker & Dunlop Inc.	1,699	164		Maravai LifeSciences	40 571	1 200
	Origin Bancorp Inc.	3,989	155	*	Holdings Inc. Class A	42,571	1,209
	Esquire Financial			*	Esperion Therapeutics Inc.	187,125	1,190
	Holdings Inc.	4,302	143	*	Glaukos Corp. Cross Country	26,189	1,189
		_	56,908		Cross Country Healthcare Inc.	55,378	1,154
He	alth Care (21.4%)			*	ImmunoGen Inc.	,	
	STERIS plc	95,427	19,672	*	ImmunoGen Inc. CytomX Therapeutics Inc.	226,995	1,021
*	QuidelOrtho Corp.	139,551	13,562	*	, ,	532,095	974 051
*	Merit Medical		.0,002	*	Puma Biotechnology Inc.	333,749	951
	Systems Inc.	213,224	11,572		Arrowhead	26.050	010
*	HealthEquity Inc.	161,750	9,930	*	Pharmaceuticals Inc.	26,059	918
*	Syneos Health Inc.	128,222	9,191	*	iRhythm Technologies Inc.	8,199	886
*	Sotera Health Co.	390,803	7,656		ACADIA Pharmacouticals Inc	E0 700	040
*	MEDNAX Inc.				Pharmaceuticals Inc.	59,729	842
*		324,158	6,811	*	US Physical Therapy Inc.	7,183	784
*	Certara Inc.	308,784	6,626	*	Atara Biotherapeutics Inc.	96,651	753
*	Henry Schein Inc.	83,173	6,383	* *	Inogen Inc.	30,682	742
*	Medpace Holdings Inc.	42,557	6,370	*,*	The cision biosciences inc.	462,172	739
*	Veracyte Inc.	316,053	6,289	*	Surmodics Inc.	19,542	728
~	Hologic Inc.	88,568	6,138	*	Protagonist		
*	SpringWorks				Therapeutics Inc.	89,211	706
	Therapeutics Inc.	231,724	5,705	*	Spectrum		
*	Omnicell Inc.	47,625	5,417		Pharmaceuticals Inc.	863,867	674
*	CareDx Inc.	249,027	5,349	*	Embecta Corp.	25,534	647
*	Charles River Laboratories			*	ViewRay Inc.	243,299	645
	International Inc.	24,388	5,218	*	Seres Therapeutics Inc.	181,610	623
		10,100	E 144	*	Theravance		
	Cooper Cos. Inc.	16,429	5,144		IIIEIavaille		

		Shares	Market Value• (\$000)
*	Intercept Pharmaceuticals Inc.	44,769	618
*	Health Catalyst Inc.	39,627	574
*	Voyager Therapeutics Inc.	96,853	572
*	Selecta Biosciences Inc.	413,816	542
*	AtriCure Inc.	13,061	534
*	Akebia Therapeutics Inc.	1,422,702	502
*	Community Health Systems Inc.	133,590	501
*	Sangamo Therapeutics Inc.	118,490	491
*	Karyopharm Therapeutics Inc.	103,689	468
*	Haemonetics Corp.	7,004	457
*	MEI Pharma Inc.	739,217	447
*	Figs Inc. Class A	48,819	445
*	Option Care Health Inc.	15,971	444
*,1	Clovis Oncology Inc.	245,519	442
*	Evolent Health Inc. Class A	14,222	437
*	Kiniksa Pharmaceuticals Ltd. Class A	44,598	432
*	Natera Inc.	11,505	408
*	WaVe Life Sciences Ltd. Tabula Rasa	117,315	381
	HealthCare Inc.	147,535	379
*,1	Innovage Holding Corp.	85,882	376
*	Co-Diagnostics Inc.	60,375	339
*	NuVasive Inc.	6,763	332
*	MacroGenics Inc.	111,566	329
*	TG Therapeutics Inc.	77,081	328
*,1	Senseonics Holdings Inc.	312,263	322
*	Pieris Pharmaceuticals Inc.	170,392	319
*	Aerie Pharmaceuticals Inc. Ultragenyx	40,791	306
	Pharmaceutical Inc.	4,704	281
×	HealthStream Inc.	12,478	271
*	Affimed NV	81,837	227
÷	Joint Corp.	14,789	226
*	Amedisys Inc.	1,854	195
۴	Fortress Biotech Inc.	225,055	189
*	Harpoon Therapeutics Inc.	98,260	188
*	Molina Healthcare Inc.	662	185
*	Precigen Inc. Infinity	128,574	172
*	Pharmaceuticals Inc. Minerva	265,397	168
	Neurosciences Inc.	50,868	168
*	Multiplan Corp. Retractable	29,032	159
*	Technologies Inc. Agiliti Inc.	39,875 7,341	153 151
*	Syros Pharmaceuticals Inc.	149,591	144
*	AirSculpt Technologies Inc.	22,732	135
×	Assembly		
*	Biosciences Inc.	63,315	133
*	Homology Medicines Inc.	66,289	131
*	Avalo Therapeutics Inc.	237,319	119
*	Cue Biopharma Inc. Organogenesis	47,166	117
*	Holdings Inc. Class A	23,657	115
*	Viemed Healthcare Inc.	21,005	113
*	Molecular Templates Inc.	112,801	103
	Talis Biomedical Corp.	105,596	86
	Athenex Inc.	202,067	83
*		72,282	82
*	Rigel Pharmaceuticals Inc.		
* *	Gritstone bio Inc.	33,605	81
* * *			

		Shares	Market Value• (\$000
	Aquestive Therapeutics Inc.	55,778	36
		· -	285,884
d	lustrials (21.3%)		200,004
	Ritchie Bros		
	Auctioneers Inc.	329,822	21,458
	Sensata Technologies		
	Holding plc	473,182	19,547
	Generac Holdings Inc.	68,675	14,462
	CH Robinson		
	Worldwide Inc.	126,887	12,863
	Matson Inc.	163,072	11,885
	Forward Air Corp.	118,863	10,931
	Tennant Co.	160,044	9,483
	TriNet Group Inc.	117,336	9,108
	Middleby Corp.	71,225	8,929
	Alight Inc. Class A	1,248,887	8,430
	Kirby Corp.	124,062	7,548
	ACV Auctions Inc. Class A	1,138,584	7,446
	Clean Harbors Inc.	73,020	6,402
		73,020	0,402
	John Bean Technologies Corp.	51,354	5,671
	Robert Half	51,304	0,071
	International Inc.	73,949	5,538
	Allison Transmission	10,040	0,000
	Holdings Inc.	126,317	4,857
	Saia Inc.	24,359	4,857
	Atkore Inc.	55,046	4,569
	Cimpress plc	115,169	4,480
	Mueller Industries Inc.	80,680	4,299
	UFP Industries Inc.	62,627	4,267
	Applied Industrial		
	Technologies Inc.	44,026	4,234
	Allegion plc	42,953	4,205
	Kforce Inc.	67,290	4,128
	Toro Co.	53,501	4,055
	GrafTech International Ltd.	497,516	3,517
	AGCO Corp.	34,498	3,405
	Boise Cascade Co.	56,546	3,364
	Sterling Check Corp.	203,142	3,313
	GMS Inc.		
	EMCOR Group Inc.	73,764	3,283
		30,233	3,113
	Woodward Inc.	32,708	3,025
	Carlisle Cos. Inc.	12,449	2,970
	Spirit AeroSystems		
	Holdings Inc. Class A	99,106	2,904
	Heartland Express Inc.	208,357	2,898
	Titan International Inc.	182,424	2,755
	Heidrick & Struggles		
	International Inc.	77,724	2,515
	Lincoln Electric		
	Holdings Inc.	20,275	2,501
	Rocket Lab USA Inc.	574,459	2,177
	Terex Corp.	76,805	2,102
	Korn Ferry	35,495	2,059
	Watts Water		,
	Technologies Inc.		
	Class A	15,334	1,884
	Tetra Tech Inc.	13,715	1,873
	Simpson Manufacturing	-,	, 0
	Co. Inc.	16,457	1,656
	Heritage-Crystal	,	.,000
	Clean Inc.	55,753	1,503
	Insteel Industries Inc.	43,371	1,460
	Veritiv Corp.	13,171	1,430
	Exponent Inc.	15,427	1,411
	Axon Enterprise Inc.	14,646	1,365
	Forrester Research Inc.	28,133	1,346
		22 461	1,330
	Hillenbrand Inc.	32,461	1,000
	Hillenbrand Inc. Masonite International	32,401	
		17,201	1,322
	Masonite International		

		Shares	Market Value• (\$000)
	Fortune Brands Home &	47.070	4 050
*	Security Inc. SP Plus Corp.	17,676 32,216	1,058 990
	Nordson Corp.	4.841	980
	H&E Equipment	.,	
	Services Inc.	32,743	949
	MYR Group Inc.	10,676	941
*	Herc Holdings Inc. ASGN Inc.	10,428 10,122	940 914
	Howmet Aerospace Inc.	29,012	914
	Landstar System Inc.	5,770	839
*	Sterling Infrastructure Inc.	38,270	839
*	AZEK Co. Inc. Class A	49,937	836
ž	CRA International Inc.	9,161	818
*	Daseke Inc.	122,897	785
	BlueLinx Holdings Inc.	10,790	721
*	Kadant Inc. MRC Global Inc.	3,828 55,468	698 552
	Interface Inc. Class A	34,547	433
	Donaldson Co. Inc.	8,876	427
*	Yellow Corp.	125,047	366
*	Hireright Holdings Corp.	22,236	316
*	ESS Tech Inc.	104,381	293
	Booz Allen Hamilton	0.050	007
*	Holding Corp. Class A CIRCOR International Inc.	2,958 10,337	267 169
	BWX Technologies Inc.	2,947	163
	Global Industrial Co.	4,712	159
	Aris Water Solution Inc.	,	
ž	Class A	8,050	134
*	Hudson Technologies Inc.	17,157	129
	Pitney Bowes Inc.	30,420 _	110
Inf	ormation Technology (21.1		284,884
*	ON Semiconductor Corp.	420,253	21,143
*	Trimble Inc.	215,431	
	Zandaak Ina		12,545
*,1	Zendesk Inc.	164,909	12,215
*,1 *	GLOBALFOUNDRIES Inc.	164,909 239,739	12,215 9,671
*,1 * *		164,909 239,739 89,291	12,215
*,1 * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd.	164,909 239,739	12,215 9,671 9,211
*,1 * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc.	164,909 239,739 89,291 942,109	12,215 9,671 9,211 8,291
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868	12,215 9,671 9,211 8,291 8,283 7,520 7,382
*,1 * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804 5,794
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804 5,794 5,665
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. &x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804 5,794
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733	12,215 9,671 9,211 8,283 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Fenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737	12,215 9,671 9,211 8,291 8,283 7,520 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169	12,215 9,671 9,211 8,291 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. &x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. &x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A South Corp. Cadence Design Systems Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684	12,215 9,671 9,211 8,291 8,283 7,520 7,382 7,320 7,239 6,804 5,665 5,356 4,887 4,282 4,239 4,234 4,220 3,889
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. &x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A South Corp. Cadence Design Systems Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234
* * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047	12,215 9,671 9,211 8,291 7,520 7,382 7,320 7,239 6,804 5,794 5,655 5,356 4,887 4,282 4,239 4,234 4,234
* * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107619 274,169 289,737 114,397 26,798 24,684 113,047 146,664	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,665 5,566 4,887 4,282 4,239 4,234 4,020 3,889 3,841 3,771
* * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,665 5,356 4,887 4,282 4,239 4,234 4,239 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,234 4,220 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,655 5,356 4,887 4,282 4,239 4,234 4,234 4,239 4,234 4,239 4,234 4,239 4,234 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A Okta Inc. Elastic NV	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,234 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,655 5,356 4,887 4,282 4,239 4,234 4,234 4,239 4,234 4,239 4,234 4,239 4,234 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A Okta Inc. Elastic NV Consensus Cloud	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966 51,851	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523 3,509
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A Twilio Inc. Class A Okta Inc. Elastic NV Consensus Cloud Solutions Inc. RingCentral Inc. Class A Box Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966 51,851 78,451 64,379 133,762	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523 3,509 3,427 3,364 3,363
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A Okta Inc. Elastic NV Consensus Cloud Solutions Inc. RingCentral Inc. Class A Axcelis Technologies Inc.	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966 51,851 78,451 64,379	12,215 9,671 9,211 8,293 7,520 7,382 7,320 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,239 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523 3,509 3,427 3,364
* * * * * * * * * * * * * * * * * * * *	GLOBALFOUNDRIES Inc. Monday.com Ltd. Momentive Global Inc. Euronet Worldwide Inc. Fair Isaac Corp. Smartsheet Inc. Class A N-Able Inc. 8x8 Inc. Dynatrace Inc. Dropbox Inc. Class A Jabil Inc. Manhattan Associates Inc. Tenable Holdings Inc. KnowBe4 Inc. Class A Nutanix Inc. Class A Teradata Corp. Cadence Design Systems Inc. CDW Corp. MaxLinear Inc. Pure Storage Inc. Class A Sumo Logic Inc. Mandiant Inc. Extreme Networks Inc. DocuSign Inc. Class A Twilio Inc. Class A Twilio Inc. Class A Okta Inc. Elastic NV Consensus Cloud Solutions Inc. RingCentral Inc. Class A Box Inc. Class A	164,909 239,739 89,291 942,109 82,340 18,757 234,868 813,342 1,405,652 172,506 276,017 110,620 46,733 107,619 274,169 289,737 114,397 26,798 24,684 113,047 146,664 494,575 168,925 406,245 62,850 42,261 38,966 51,851 78,451 64,379 133,762	12,215 9,671 9,211 8,291 8,283 7,520 7,239 6,804 5,794 5,665 5,356 4,887 4,282 4,239 4,234 4,234 4,020 3,889 3,841 3,771 3,704 3,686 3,624 3,606 3,542 3,523 3,509 3,427 3,364 3,363

	Shares	Market Value• (\$000)
CommVault Systems Inc.	46,184	2,905
Globant SA	16,029	2,789
Amkor Technology Inc.	159,214	2,699
Paylocity Holding Corp.	14,929	2,604
Lattice Semiconductor		
Corp.	53,048	2,573
TTEC Holdings Inc.	37,304	2,533
Pegasystems Inc. Atlassian Corp. plc	50,244	2,404
Class A	12,696	2,379
Aspen Technology Inc.	12,769	2,345
Diodes Inc.	35,229	2,275
Monolithic Power		
Systems Inc.	5,795	2,225
International Money Express Inc.	107,904	2,209
Everbridge Inc.	78,599	2,203
PTC Inc.	19,976	2,132
Agilysys Inc.	41,556	1,964
CSG Systems	,	1
International Inc.	32,880	1,962
EPAM Systems Inc.	6,551	1,931
Allegro MicroSystems Inc.	92,042	1,904
Domo Inc. Class B	68,271	1,898
eGain Corp.	177,163	1,727
Sprout Social Inc. Class A A10 Networks Inc.	25,758	1,496 1,276
SMART Global	88,751	1,270
Holdings Inc.	75,986	1,244
Bentley Systems Inc.		
Class B	35,701	1,189
FormFactor Inc.	30,262	1,172
Yext Inc.	242,817	1,161
Kulicke & Soffa Industries Inc.	25,999	1,113
New Relic Inc.	21,919	1,097
ChannelAdvisor Corp.	71,732	1,046
Benefitfocus Inc.	132,251	1,029
Unisys Corp.	82,618	994
Brightcove Inc.	155,847	985
WEX Inc.	6,304	981
Entegris Inc.	10,620	978
Workiva Inc. Class A Toast Inc. Class A	12,276 59,505	810 770
Varonis Systems Inc.	53,505	770
Class B	25,913	760
ePlus Inc.	13,331	708
Vishay		
Intertechnology Inc.	36,752	655
ExlService Holdings Inc.	3,737	551
Upland Software Inc. Eastman Kodak Co.	37,477 111,077	544
Perficient Inc.	5,179	515 475
LivePerson Inc.	32,573	461
Wix.com Ltd.	6,928	454
Arlo Technologies Inc.	67,389	423
CTS Corp.	12,008	409
Rimini Street Inc.	65,555	394
MACOM Technology		
Solutions Holdings Inc. Class H	9 500	202
Digital Turbine Inc.	8,500 21,361	392 373
Five9 Inc.	3,512	320
AvidXchange Holdings Inc.	50,624	320
Jack Henry &	,02.	0
Associates Inc.	1,567	282
Cognyte Software Ltd.	62,435	265
Kaltura Inc.	130,995	261
Alarm.com Holdings Inc.	4,001	247
Avaya Holdings Corp.	105,695	237
	9,302	214
Vontier Corp.		
	4,809 16,087	196 189

		Shares	Market Value• (\$000)	
*	Appian Corp. Class A	3,853	182	* Century
*	SPS Commerce Inc.	1,373	155	,
*	Casa Systems Inc.	35,696	140	Other (0.0%
*	Viant Technology Inc. Class A	27.258	138	* Starry G
		,	282,797	
Ma	terials (2.8%)		282,797	Real Estate
IVIC	Graphic Packaging			National Trust
	Holding Co.	245,065	5,024	Outfront
	Westlake Corp.	29,379	2,880	Necessi
	Chemours Co.	89,204	2,856	Universa
	Steel Dynamics Inc.	42,142	2,788	Incom
*	O-I Glass Inc.	198,127	2,774	Phillips E
	Louisiana-Pacific Corp.	52,383	2,745	Lamar A
	Olin Corp.	57,347	2,654	Class
	Warrior Met Coal Inc.	75,834	2,321	NexPoin
	Balchem Corp.	16,746	2,173	Trust I
	American Vanguard Corp.	66,844	1,494	Alexande
	Sensient Technologies			EastGrou
	Corp.	16,128	1,299	Camden
	AdvanSix Inc.	35,597	1,190	* Hersha ł Class
	Alpha Metallurgical	0 170	1 105	Douglas
	Resources Inc.	9,173	1,185	Iron Mou
*	Myers Industries Inc. Constellium SE Class A	50,412	1,146	* Redfin C
	Kronos Worldwide Inc.	80,523 53,334	1,064 981	RMR Gr
	Schnitzer Steel	53,334	981	Gladstor
	Industries Inc. Class A	28,050	921	Corp.
*	Livent Corp.	28,757	653	
	Ramaco Resources Inc.	37,425	492	1.1411141 (0.7
*	PureCycle	07,120	102	Utilities (0.7
	Technologies Inc.	35,162	261	Vistra Co NBG Ene
*	Ingevity Corp.	3,410	215	
	Koppers Holdings Inc.	5,786	131	National Brookfie

	Shares	Market Value• (\$000)
* Century Aluminum Co.	16,825	124
Other (0.0%)	00.000	37,371
* Starry Group Holdings Inc.	36,226	149
Real Estate (1.4%)		
National Storage Affiliates Trust Outfront Media Inc. Necessity Retail REIT Inc.	83,201 182,815 359,996	4,166 3,099 2,621
Universal Health Realty Income Trust	41,070	2,185
Phillips Edison & Co. Inc. Lamar Advertising Co. Class A	45,656 11,792	1,525 1,037
NexPoint Residential Trust Inc.	15,442	965
Alexander's Inc. EastGroup Properties Inc.	4,252 5,595	945 863
Camden Property Trust * Hersha Hospitality Trust Class A	2,585 34,178	348 335
Douglas Elliman Inc. Iron Mountain Inc.	53,796 4,192	258 204
* Redfin Corp. RMR Group Inc. Class A	19,664 5,257	162 149
Gladstone Commercial Corp.	7,318	138
Utilities (0.7%)		19,000
Vistra Corp. NRG Energy Inc. National Fuel Gas Co.	120,788 52,899 27,634	2,760 2,019 1,825
Brookfield Infrastructure Corp. Class A (XTSE)	32,524	1,382

	Shares	Market Value• (\$000)			
Otter Tail Corp. * Pure Cycle Corp.	18,436 15,719	1,238 166			
		9,390			
Total Common Stocks (Cost \$1,573,387)		1,268,048			
Preferred Stock (0.0%)					
^{1,2} Meta Material Inc. Preference Shares 0.000% (Cost \$56)	37,855	58			
Temporary Cash Investm	ients (6.0%)				
Money Market Fund (6.0 ^{3,4} Vanguard Market Liqui Fund, 1.417%					
(Cost \$80,643)	806,538	80,630			
Total Investments (100.89 (Cost \$1,654,086)	%)	1,348,736			
Other Assets and Liabilit Net (-0.8%)	ies—	(11,280)			
Net Assets (100%)		1,337,456			
Cost is in \$000.					
See Note A in Notes to Financial Statements. Non-income-producing security.					
1 Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$12,112,000.					
2 Perpetual security with no sta					
3 Affiliated money market fund and certain trusts and accour shown is the 7-day yield.					
4 Collateral of \$13,350,000 wa		ties on loan.			

REIT—Real Estate Investment Trust.

Derivative Financial Instruments Outstanding as of Period End

Futures Contracts				
				(\$000)
	Expiration	Number of Long (Short) Contracts	Notional Amount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts				
E-mini Russell 2000 Index	September 2022	547	46,714	(1,511)
	•			

Statement of Assets and Liabilities As of June 30, 2022

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$1,573,443) ¹	1,268,106
Affiliated Issuers (Cost \$80,643)	80,630
Total Investments in Securities	1,348,736
Investment in Vanguard	52
Cash Collateral Pledged—Futures Contracts	2,934
Receivables for Investment Securities Sold	1,339
Receivables for Accrued Income	331
Receivables for Capital Shares Issued	549
Total Assets	1,353,941
Liabilities	
Due to Custodian	1,108
Payables for Investment Securities Purchased	1,177
Collateral for Securities on Loan	13,350
Payables to Investment Advisor	281
Payables for Capital Shares Redeemed	91
Payables to Vanguard	122
Variation Margin Payable—Futures Contracts	356
Total Liabilities	16,485
Net Assets	1,337,456

1 Includes \$12,112 of securities on loan.

At June 30, 2022, net assets consisted of:

Paid-in Capital	1,668,902
Total Distributable Earnings (Loss)	(331,446)
Net Assets	1,337,456
Net Assets	
Applicable to 93,330,544 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,337,456

Statement of Operations

Six Months Ended June 30, 2022 (\$000)

Investment Income	
Income	
Dividends ¹	4,570
Interest ²	152
Securities Lending—Net	153
Total Income	4,875
Expenses	
Investment Advisory Fees—Note B	
Basic Fee	877
Performance Adjustment	(127)
The Vanguard Group—Note C	
Management and Administrative	1,585
Marketing and Distribution	53
Custodian Fees	10
Shareholders' Reports	17
Trustees' Fees and Expenses	_
Other Expenses	4
Total Expenses	2,419
Net Investment Income	2,456
Realized Net Gain (Loss)	
Investment Securities Sold ²	(15,941)
Futures Contracts	(7,324)
Realized Net Gain (Loss)	(23,265)
Change in Unrealized Appreciation (Depreciation)	
Investment Securities ²	(499,761)
Futures Contracts	(3,153)
Change in Unrealized Appreciation (Depreciation)	(502,914)
Net Increase (Decrease) in Net Assets Resulting from Operations	(523,723)

1 Dividends are net of foreign withholding taxes of \$28,000.

Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the portfolio were \$150,000, (\$10,000), and (\$5,000), respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	2,456	4,393
Realized Net Gain (Loss)	(23,265)	510,053
Change in Unrealized Appreciation (Depreciation)	(502,914)	(224,931)
Net Increase (Decrease) in Net Assets Resulting from Operations	(523,723)	289,515
Distributions		
Total Distributions	(435,137)	(116,289)
Capital Share Transactions		
Issued	61,082	169,090
Issued in Lieu of Cash Distributions	435,137	116,289
Redeemed	(143,481)	(645,010)
Net Increase (Decrease) from Capital Share Transactions	352,738	(359,631)
Total Increase (Decrease)	(606,122)	(186,405)
Net Assets		
Beginning of Period	1,943,578	2,129,983
End of Period	1,337,456	1,943,578

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year E	inded Dece	ember 31,
Throughout Each Period	2022	2021	2020	2019	2018	2017
Net Asset Value, Beginning of Period	\$26.50	\$24.49	\$23.08	\$20.30	\$24.62	\$21.50
Investment Operations						
Net Investment Income ¹	.029	.056	.102	.128	.123	.109
Net Realized and Unrealized Gain (Loss) on Investments	(6.083)	3.343	3.521	5.323	(1.563)	4.652
Total from Investment Operations	(6.054)	3.399	3.623	5.451	(1.440)	4.761
Distributions						
Dividends from Net Investment Income	(.057)	(.101)	(.143)	(.118)	(.103)	(.111)
Distributions from Realized Capital Gains	(6.059)	(1.288)	(2.070)	(2.553)	(2.777)	(1.530)
Total Distributions	(6.116)	(1.389)	(2.213)	(2.671)	(2.880)	(1.641)
Net Asset Value, End of Period	\$14.33	\$26.50	\$24.49	\$23.08	\$20.30	\$24.62
Total Return	-27.62%	14.22%	23.18%	28.05%	-7.22%	23.46%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$1,337	\$1,944	\$2,130	\$2,111	\$1,827	\$1,750
Ratio of Total Expenses to Average Net Assets ²	0.30%	0.30%	0.30%	0.32%	0.32%	0.34%
Ratio of Net Investment Income to Average Net Assets	0.29%	0.21%	0.52%	0.59%	0.52%	0.48%
Portfolio Turnover Rate	32%	57% ³	53%	58%	66%	93%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

2 Includes performance-based investment advisory fee increases (decreases) of (0.02%), (0.02%), (0.02%), 0.01%, 0.01%, and 0.00%.

3 Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the portfolio's capital shares.

Notes to Financial Statements

The Small Company Growth Portfolio, a portfolio of Vanguard Variable Insurance Funds, is registered under the Investment Company Act of 1940 as an open-end investment company. The portfolio's shares are only available for purchase by separate accounts of insurance companies as investments for variable annuity plans, variable life insurance contracts, or other variable benefit insurance contracts. Significant market disruptions, such as those caused by pandemics (e.g., COVID-19 pandemic), natural or environmental disasters, war (e.g., Russia's invasion of Ukraine), acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the portfolio's investments and portfolio performance.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The portfolio consistently follows such policies in preparing its financial statements.

1. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been affected by events occurring before the portfolio's pricing time but after the close of the securities' primary markets, are valued at their fair values calculated according to procedures adopted by the board of trustees. These procedures include obtaining quotations from an independent pricing service, monitoring news to identify significant market- or security-specific events, and evaluating changes in the values of foreign market proxies (for example, ADRs, futures contracts, or exchange-traded funds), between the time the foreign markets close and the portfolio's pricing time. When fair-value pricing is employed, the prices of securities used by a portfolio to calculate its net asset value may differ from quoted or published prices for the same securities. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value.

2. Futures Contracts: The portfolio uses index futures contracts to a limited extent, with the objective of maintaining full exposure to the stock market while maintaining liquidity. The portfolio may purchase or sell futures contracts to achieve a desired level of investment, whether to accommodate portfolio turnover or cash flows from capital share transactions. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the portfolio and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the portfolio trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the portfolio's performance and requires daily settlement of variation margin representing changes in the market value of each contract. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized gains (losses) on futures contracts.

During the six months ended June 30, 2022, the portfolio's average investments in long and short futures contracts represented 3% and 0% of net assets, respectively, based on the average of the notional amounts at each guarter-end during the period.

3. Federal Income Taxes: The portfolio intends to continue to qualify as a regulated investment company and distribute all of its taxable income. The portfolio's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the portfolio's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the portfolio's financial statements.

4. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

5. Securities Lending: To earn additional income, the portfolio lends its securities to qualified institutional borrowers. Security loans are subject to termination by the portfolio at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of

securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than the value of the collateral received. When this occurs, the collateral is adjusted and settled on the next business day. The portfolio further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of prequalified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the portfolio may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the portfolio; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the portfolio may experience delays and costs in recovering the securities loaned. The portfolio invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the portfolio is entitled to all distributions made on or in respect of the loaned securities.

6. Credit Facilities and Interfund Lending Program: The portfolio and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.4 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the portfolio's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the portfolio's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the portfolio and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the portfolio may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the portfolio's investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended June 30, 2022, the portfolio did not utilize the credit facilities or the Interfund Lending Program.

7. Other: Dividend income is recorded on the ex-dividend date. Non-cash dividends included in income, if any, are recorded at the fair value of the securities received. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

B. The investment advisory firm ArrowMark Colorado Holdings, LLC, provides investment advisory services to a portion of the portfolio for a fee calculated at an annual percentage rate of average net assets managed by the advisor. The basic fee of ArrowMark Colorado Holdings, LLC, is subject to quarterly adjustments based on performance relative to the Russell 2500 Growth Index since March 31, 2016.

Vanguard provides investment advisory services to a portion of the portfolio as described below; the portfolio paid Vanguard advisory fees of \$91,000 for the six months ended June 30, 2022.

For the six months ended June 30, 2022, the aggregate investment advisory fee paid to all advisors represented an effective annual basic rate of 0.11% of the portfolio's average net assets, before a net decrease of \$127,000 (0.02%) based on performance.

C. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the portfolio, Vanguard furnishes to the portfolio investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the portfolio based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the portfolio may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2022, the portfolio had contributed to Vanguard capital in the amount of \$52,000, representing less than 0.01% of the portfolio's net assets and 0.02% of Vanguard's capital received pursuant to the FSA. The portfolio's trustees and officers are also directors and employees, respectively, of Vanguard.

D. Various inputs may be used to determine the value of the portfolio's investments and derivatives. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the portfolio's own assumptions used to determine the fair value of investments). Any investments and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

At June 30, 2022, 100% of the market value of the portfolio's investments and derivatives was determined based on Level 1 inputs.

E. As of June 30, 2022, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	1,659,946
Gross Unrealized Appreciation	100,966
Gross Unrealized Depreciation	(413,687)
Net Unrealized Appreciation (Depreciation)	(312,721)

F. During the six months ended June 30, 2022, the portfolio purchased \$498,096,000 of investment securities and sold \$563,857,000 of investment securities, other than temporary cash investments.

The portfolio purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2022, such purchases were \$860,000 and sales were \$2,386,000, resulting in net realized gain of \$768,000; these amounts, other than temporary cash investments, are included in the purchases and sales of investment securities noted above.

G. Capital shares issued and redeemed were:

	Six Months Ended June 30, 2022	Year Ended December 31, 2021
	Shares (000)	Shares (000)
Issued	3,251	6,408
Issued in Lieu of Cash Distributions	24,081	4,650
Redeemed	(7,343)	(24,681)
Net Increase (Decrease) in Shares Outstanding	19,989	(13,623)

At June 30, 2022, one shareholder (an insurance company separate account whose holdings in the portfolio represent the indirect investment of Vanguard Variable Annuity contract holders) was the record or beneficial owner of 52% of the portfolio's net assets. If this shareholder were to redeem its investment in the portfolio, the redemption might result in an increase in the portfolio's expense ratio, cause the portfolio to incur higher transaction costs, or lead to the realization of taxable capital gains.

H. Management has determined that no events or transactions occurred subsequent to June 30, 2022, that would require recognition or disclosure in these financial statements.

Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Variable Insurance Funds Small Company Growth Portfolio has renewed the portfolio's investment advisory arrangements with ArrowMark Colorado Holdings, LLC (ArrowMark Partners), and The Vanguard Group, Inc. (Vanguard), through its Quantitative Equity Group. The board determined that renewing the portfolio's advisory arrangements was in the best interests of the portfolio and its shareholders.

The board based its decisions upon an evaluation of each advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisors and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received periodic reports throughout the year, which included information about the portfolio's performance relative to its peers and benchmark, as applicable, and updates, as needed, on the Portfolio Review Department's ongoing assessment of the advisor.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangements. Rather, it was the totality of the circumstances that drove the board's decisions.

Nature, extent, and quality of services

The board reviewed the quality of the portfolio's investment management services over both the short and long term, and took into account the organizational depth and stability of each advisor. The board considered the following:

ArrowMark Partners. Founded in 2007, ArrowMark Partners offers a wide range of investment strategies, including equity, fixed income, and structured products to institutional, high-net-worth, and retail investors. ArrowMark Partners has managed a portion of the portfolio since 2016.

Vanguard. Vanguard has been managing investments for more than four decades. The Quantitative Equity Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth. Vanguard has managed a portion of the portfolio since 2008.

The board concluded that each advisor's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangements.

Investment performance

The board considered the short-term, long-term, and since-inception performance, as applicable, of each advisor, including any periods of outperformance or underperformance compared with a relevant benchmark index and peer group. The board concluded that the performance was such that the advisory arrangements should continue.

Cost

The board concluded that the portfolio's expense ratio was below the average expense ratio charged by funds in its peer group and that the portfolio's advisory expense rate was also below the peer-group average.

The board did not consider the profitability of ArrowMark Partners in determining whether to approve the advisory fee, because the firm is independent of Vanguard and the advisory fee is the result of arm's-length negotiations. The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees.

The benefit of economies of scale

The board concluded that the portfolio realizes economies of scale that are built into the negotiated advisory fee rate with ArrowMark Partners without any need for asset-level breakpoints. The advisory fee rate is very low relative to the average rate paid by funds in the portfolio's peer group. The board also concluded that the portfolio's arrangement with Vanguard ensures that the portfolio will realize economies of scale as it grows, with the cost to shareholders declining as the portfolio's assets managed by Vanguard increase.

The board will consider whether to renew the advisory arrangements again after a one-year period.

Liquidity Risk Management

Vanguard funds (except for the money market funds) have adopted and implemented a written liquidity risk management program (the "Program") as required by Rule 22e-4 under the Investment Company Act of 1940. Rule 22e-4 requires that each fund adopt a program that is reasonably designed to assess and manage the fund's liquidity risk, which is the risk that the fund could not meet redemption requests without significant dilution of remaining investors' interests in the fund.

Assessment and management of a fund's liquidity risk under the Program take into consideration certain factors, such as the fund's investment strategy and the liquidity of its portfolio investments during normal and reasonably foreseeable stressed conditions, its short- and long-term cash-flow projections during both normal and reasonably foreseeable stressed conditions, and its cash and cash-equivalent holdings and access to other funding sources. As required by the rule, the Program includes policies and procedures for classification of fund portfolio holdings in four liquidity categories, maintaining certain levels of highly liquid investments, and limiting holdings of illiquid investments.

The board of trustees of Vanguard Variable Insurance Funds approved the appointment of liquidity risk management program administrators responsible for administering the Small Company Growth Portfolio's Program and for carrying out the specific responsibilities set forth in the Program, including reporting to the board on at least an annual basis regarding the Program's operation, its adequacy, and the effectiveness of its implementation for the past year (the "Program Administrator Report"). The board has reviewed the Program Administrator Report covering the period from January 1, 2021, through December 31, 2021 (the "Review Period"). The Program Administrator Report stated that during the Review Period the Program operated and was implemented effectively to manage the portfolio's liquidity risk.

This page intentionally left blank.

Vanguard

Connect with Vanguard[®] > vanguard.com

Fund Information > 800-662-7447

Annuity and Insurance Services > 800-522-5555

Institutional Investor Services > 800-523-1036

Text Telephone for People Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, www.sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or www.sec.gov. You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.



1800 North Point Drive Stevens Point, WI 54481

800-473-6879 sentry.com

Issued by: Sentry Life Insurance Company Distributed by: Sentry Equity Services, Inc.