

Self-Directed Life A flexible life insurance policy

Semi-annual report June 30, 2023

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Janus Aspen Series

HIGHLIGHTS

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



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Janus Henderson VIT Balanced Portfolio

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Greg Wilensky Mich co-portfolio manager co-port



Michael Keough co-portfolio manager

Important Notice - Tailored Shareholder Reports

Effective January 24, 2023, the Securities and Exchange Commission (the "SEC") adopted rule and form amendments that require mutual funds and exchange-traded funds to provide shareholders with streamlined annual and semi-annual shareholder reports that highlight key information. Other information, including financial statements, that currently appears in shareholder reports will be made available online, delivered free of charge to shareholders upon request, and filed with the SEC. The first tailored shareholder report for the Portfolio will be for the reporting period ending June 30, 2024. Currently, management is evaluating the impact of the rule and form amendments on the content of the Portfolio's current shareholder reports.

Janus Henderson VIT Balanced Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Top Contributors - Equity Sleeve Holdings 5 Top Detractors - Equity Sleeve Holdings

	Average Weight	Relative Contribution		Average Weight	Relative Contribution
Lam Research Corp	2.09%	0.60%	Dollar General Corp	1.55%	-0.83%
Microsoft Corp	8.50%	0.54%	Amazon.com Inc	0.91%	-0.68%
NVIDIA Corp	2.31%	0.39%	UnitedHealth Group Inc	3.44%	-0.62%
Advanced Micro Devices Inc	0.71%	0.15%	Deere & Co	2.11%	-0.44%
Danaher Corp	0.04%	0.13%	Apple Inc	5.37%	-0.44%

5 Top Contributors - Equity Sleeve Sectors*

	Relative	Equity Sleeve	S&P 500 Index
	Contribution	Average Weight	Average Weight
Utilities	0.71%	0.00%	2.87%
Information Technology	0.54%	26.83%	26.74%
Health Care	0.46%	15.56%	14.40%
Energy	0.43%	2.38%	4.67%
Real Estate	0.30%	0.36%	2.58%

5 Top Detractors - Equity Sleeve Sectors*

	Relative	Equity Sleeve	S&P 500 Index
	Contribution	Average Weight	Average Weight
Consumer Discretionary	-2.77%	13.11%	10.24%
Industrials	-1.22%	10.44%	8.50%
Communication Services	-0.74%	7.23%	8.11%
Consumer Staples	-0.10%	7.93%	6.99%
Materials	0.00%	1.49%	2.64%

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.

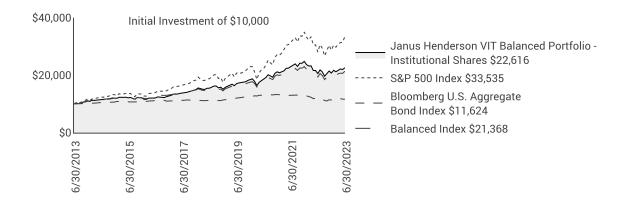
Based on sector classification according to the Global Industry Classification Standard ("GICS") codes, which are the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

Janus Henderson VIT Balanced Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)		
Microsoft Corp		Common Stocks	61.0%	
Software	5.8%	Mortgage-Backed Securities	11.9%	
Apple Inc		Corporate Bonds	9.7%	
Technology Hardware, Storage & Peripherals	3.7%	United States Treasury Notes/Bonds	8.5%	
Alphabet Inc - Class C		Asset-Backed/Commercial		
Interactive Media & Services	2.4%	Mortgage-Backed Securities	7.6%	
Mastercard Inc		Investment Companies	3.8%	
Diversified Financial Services	2.3%	Other	(2.5)%	
NVIDIA Corp			100.0%	
Semiconductor & Semiconductor Equipment	2.0%			
	16.2%			



Janus Henderson VIT Balanced Portfolio (unaudited) Performance



Average Annual Total Return - f	or the periods	ended Jun	e 30, 202	3		Prospectus Expense Ratios
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	9.04%	9.99%	7.88%	8.50%	9.53%	0.62%
Service Shares	8.90%	9.70%	7.62%	8.23%	9.34%	0.86%
S&P 500 Index	16.89%	19.59%	12.31%	12.86%	10.00%	
Bloomberg U.S. Aggregate Bond Index	2.09%	-0.94%	0.77%	1.52%	4.31%	
Balanced Index	10.07%	10.21%	7.37%	7.89%	7.69%	
Morningstar Quartile - Institutional Shares	-	2nd	1st	1st	1st	
Morningstar Ranking - based on total returns for Allocation - 50% to 70% Equity Funds	_	203/741	54/686	38/597	10/203	

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.

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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 Balanced 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 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% return before expenses)				_		
	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Net Annualized Expense Ratio (1/1/23 - 6/30/23)
Institutional							
Shares	\$1,000.00	\$1,090.40	\$3.21	\$1,000.00	\$1,021.72	\$3.11	0.62%
Service Shares	\$1,000.00	\$1,089.00	\$4.51	\$1,000.00	\$1,020.48	\$4.36	0.87%

Hypothetical

[†] 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 Balanced Portfolio Schedule of Investments (unaudited)

June 30, 2023

Asset Backed/Commercial Mortgage-Backed Securities - 7/59/ 208 Park Avenue Mortgage Trust 2017-280P; CICE LIBOR USD 1 Month + 0.8800%, 60620%, 9/16/34 (1/4A) ¹ \$3,072,117 \$2,982,587 ADD Mortgage Trust 2023-9/000 A, 61,5309%, 67/25/68 (1/4A) ² \$3,072,117 \$2,982,587 ADD Mortgage Trust 2023-9/000 A, 61,5309%, 67/25/68 (1/4A) ² \$3,200,700 3,985,928 Arima Asset Securitization Trust 2022-0. A, 4,5800%, 71,6726 (1/4A) 1,300,784 1,291,506 Aritim Asset Securitization Trust 2021-8. A 1,200,078, 8177/26 (1/4A) 3,492,000 3,985,928 Arima 2020-11A AR, 61,000 A, 63,003%, 10/17/34 (1/4A) ³ 1,836,000 1,802,381 Arigal Dak Mortgage Trust ILLC 2018-9, 255,930%, 10/25/49 (1/4A) ³ 31,3381 290,177.4 Arigal Dak Mortgage Trust ILLC 2018-9, 255,930%, 10/25/49 (1/4A) ³ 31,3381 290,177.4 Arigal Dak Mortgage Trust ILLC 2019-0, 4,250,900, 11/25/59 (1/4A) ³ 179,667 702,940 Agua Finance Trust 2021-14 A, 15,600%, 7/17/46 (1/4A) 1,382,446 12,228,34 ARES CLO LIA 2021-16 A, 15,600%, 7/17/46 (1/4A) 1,382,446 12,228,34 ARES CLO LIA 2021-16 A, 15,600%, 7/17/46 (1/4A) 1,382,446 12,228,34 ARES CLO LIA 2021-16 A, 15,600%, 7/17/46 (1/4A) 1,383,447 1,719,000 1,579,889 Arivo Acceptance Auto Loan Receivables 2022-16 A, 39300%, 5/15/28 (1/4A) 1,538,447 1,683,119 BLO LIBOR USD 3 Month + 11,2000%, 6,3317%, 7/18/34 (1/4A) ² 7,227,000 7,717,185 Baboon CLO Lib 2019-3A A 15,600%, 7/20/29 (1/4A) ² 2,256,124 2,248,229 Baboon CLO Lib 2019-3A A 15,600%, 7/20/29 (1/4A) ² 2,256,124 2,248,229 Baboon CLO Lib 2019-3A A 15,600%, 7/20/29 (1/4A) ² 2,256,124 2,267,32 2,297,606 Baboon CLO Lib 2019-3A A 15,600%, 7/20/29 (1/4A) ² 2,256,124 2,267,32 2,297,606 Baboon CLO Lib 2019-3A A 11,600%, 7/20/29 (1/4A) ² 2,256,100 2,228,31 BR Trust 2019-20 A, 10,400,41 4,100 3		Shares or	Volue
208 Park Avenue Mortgage Trust 2017-280P, ICE LIBOR USD 1 Month + 0.8800%, 60.090%, 9/15/34 (144A)* \$2,982,687 ADD Mortgage Trust 2023-A N. 0800%, 60.090%, 9/15/34 (144A)* 52,000 33896,288 ACC Aufo Trust 2022-A A 16800%, 7/15/56 (144A) 1,007,784 1,291,506 Affirm Asset Securitazion Trust 2021-BA, 1.0300%, 80/17/26 (144A) 3,492,000 33896,288 Airica 2020-11 JAR Month + 1,300%, 63,000%, 10/15/73 (144A)* 1,805,000 1,802,381 Airica 2020-11 JAR Month + 1,300%, 63,000%, 10/15/73 (144A)* 1,815,000 1,802,381 Airica 2020-11 JAR Month + 1,300%, 63,000%, 10/15/73 (144A)* 1,815,000 1,802,381 Airica 2020-11 Month + 0,9000%, 26,000%, 11/25/769 (144A)* 1,816,000 1,	A LD L 1/0 : IM L D L 10 : II F00/	Principal Amounts	Value
ICE LIBOR USD 1 Morth + 0.8800%, 6.0920%, 9/15/26 (144A)* 5,806.425 5,733,866 ACC Auto Trust 2022-A A, 45800%, 7715/26 (144A) 1,309.784 1,291.506 ACC Auto Trust 2022-A A, 45800%, 7715/26 (144A) 3,492.000 3,896.928 Almon 2020-11A AR, 12000 A, 12000%, 8/17/26 (144A) 3,492.000 3,996.928 Almon 2020-11A AR, 12000 A, 12000%, 8/17/26 (144A) 4,191 1,836.000 1,802.381 Angel Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A)* 346.000 3,816.000 1,802.381 Angel Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A)* 346.000 3,816.104 Angel Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A)* 346.000 3,816.114 Angel Oak Mortgage Trust ILLC 2019-6, 25930%, 10/25/49 (144A)* 313,381 296,174 Angel Oak Mortgage Trust ILLC 2020-3, 10/25/49 (144A)* 779.657 70,2940 Augus Finance Trust 2021-A A, 1.5400%, 7/17/46 (144A) 7,816.114 Angel Oak Mortgage Trust ILLC 2020-3, 10/25/49 (144A)* 1,882.446 1,292.834 ARES CLO LED 201-10A A, 1.5400%, 7/17/46 (144A) 1,816.444 Alma Calman Charles Control (144A) 1,816.444 Alma Calman Charles Cha			
ADD Mortgage Trust 2023—N.ChM2 A.1, 6.1320%, 5/25/088 (144A) 1.399/84 1.291.506 Affirm Asset Securitization Trust 2021—B. A, 1.0300%, 6.3717/96 (144A) 3.499,000 3,996/98 Affirm Asset Securitization Trust 2021—B. A, 1.0300%, 6.390.5%, 1.0717/34 (144A) 1.836,000 1.800,000 3,996/98 LICE LIBOR USD 3 Month + 1.1300%, 6.390.5%, 1.0717/34 (144A) 3.469,000 3.311,811 Angel Oak Mortgage Trust I LLC 2019-5, 25930%, 1.0725/49 (144A) 364,002 331,1811 Angel Oak Mortgage Trust I LLC 2019-6, 25930%, 1.0725/49 (144A) 364,002 331,1811 Angel Oak Mortgage Trust I LLC 2019-6, 25930%, 1.0725/49 (144A) 313,3381 296,174 Argel Oak Mortgage Trust I LLC 2019-6, 25930%, 1.0725/65 (144A) 779,657 702,940 Argel Dak Mortgage Trust I LLC 2019-3, 241,00%, 4/25/65 (144A) 779,657 702,940 Argel Finance Trust 2021—A A, 1.5400%, 7/17/45 (144A) 1.382,446 1.382,446 1.222,883 Argel Dak Mortgage Trust I LLC 2019-3, 41,1200%, 63,140,140,140,140,140,140,140,140,140,140		\$3,070,117	\$2,082,587
ACC Auto Trust 2022-A A 15800%, 7/15/26 (144A) ACC Auto Trust 2022-A A 15800%, 7/15/26 (144A) ASP2000 ASP6928 Almoo 2020-11 A AR ICE LIBOR USD 31 Month + 1.1300%, 6.3903%, 10/17/34 (144A) ¹ Angel Olak Mortigage Trust ILLC 2019-6, 25930%, 10/25/49 (144A) ² Angel Olak Mortigage Trust ILLC 2019-6, 25930%, 10/25/49 (144A) ² ANGEL LIBOR USD 13 Month + 0.9500%, 25009%, 11/25/59 (144A) ² ANGEL LIBOR USD 12 Month + 0.9500%, 25009%, 11/25/59 (144A) ² ANGEL LIBOR USD 12 Month + 0.9500%, 25009%, 11/25/59 (144A) ² ANGEL LIBOR USD 12 Month + 0.9500%, 25009%, 11/25/59 (144A) ² ANGEL LIBOR USD 12 Month + 0.9500%, 25009%, 11/25/59 (144A) ² ANGEL LIBOR USD 12 Month + 1.12009%, 24109%, 47/25/66 (144A) ² ANGEL LIBOR USD 13 Month + 1.12009%, 6.3817%, 7/18/34 (144A) ² Babson CLO List 2018-3A A1, 154009%, 7/18/46 (144A) ² Babson CLO List 2018-3A A1, 154009%, 7/20/29 (144A) ² Babson CLO List 2018-3A A1, 154009%, 6.2004%, 7/20/29 (144A) ² Babson CLO List 2018-3A A1, 154009%, 6.3004%, 4/20/31 (144A) ² CICE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² Babson CLO List 2019-3A A1R, 154009%, 6.3004%, 4/20/31 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.3004%, 4/20/31 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.3004%, 4/20/32 (144A) ² Babson CLO List 2019-3A A1R, 154009%, 6.3004%, 4/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/32 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/44 (144A) CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/44 (144A) CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/44 (144A) ² CICE LIBOR USD 3 Month + 1.0500%, 6.4704%, 1/20/44 (144A) ² DEBACOMMENTION AND SAME AND			
Affirm Asset Securitzation Trust 2021-18 A, 1.0300%, 8.717/26 (144A)			
Almoz 2020-11A AIR. ICE LIBOR USD 3 Month + 1.1300%, 6.3903%, 10/17/34 (144A) ¹ Angl Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A) ² Angl Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A) ² Angl Oak Mortgage Trust ILLC 2019-5, 25930%, 10/25/49 (144A) ² Angl Oak Mortgage Trust ILLC 2019-6, 25930%, 10/25/59 (144A) ² Angl Oak Mortgage Trust ILLC 2020-3, 2000%, 11/25/59 (144A) ² Angl Oak Mortgage Trust ILLC 2020-3, 2000%, 11/25/59 (144A) ² Angl Oak Mortgage Trust ILLC 2020-3, 2000%, 11/25/59 (144A) ² Angl Oak Mortgage Trust ILLC 2020-3, 2000%, 11/25/59 (144A) ² ANGL ELBOR USD 3 Month + 1.0200%, 6.3817%, 7/18/34 (144A) ² AICE LIBOR USD 3 Month + 1.12000%, 6.3817%, 7/18/34 (144A) ² AICE LIBOR USD 3 Month + 1.0200%, 6.3817%, 7/20/29 (144A) ² Babson CLD LD 2018-3A AIR ON, 6.2004%, 7/20/29 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² CLE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.3090%, 7.0450%, 4/15/37 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.3990%, 7.0450%, 4/15/37 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.3990%, 6.81819%, 10/15/36 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 3 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TUSD 202-0AN A CLE LIBOR USD 1 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TUSD 2020-0AN A CLE LIBOR USD 1 Month + 1.0945%, 6.1819%, 10/15/36 (144A) ² DEPT TU			
ICE LIBOR USD 3 Month + 1.1300%, 6.3903%, 10/25/45 (144A) ¹		0,402,000	0,000,020
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Aqua Finance Trust 2021-A, 1,15400%, 7/17/46 (144A) ARES CLO Ltd 2021-60 A, ICE LIBOR USD 3 Month + 1,1200%, 6,3817%, 7/18/34 (144A) [‡] Babson CLO Ltd 2018-3A A1, ICE LIBOR USD 3 Month + 1,0950%, 6,2004%, 7/20/29 (144A) [‡] Babson CLO Ltd 2018-3A A1, ICE LIBOR USD 3 Month + 1,0950%, 6,2004%, 7/20/29 (144A) [‡] Babson CLO Ltd 2019-3A A1R, ICE LIBOR USD 3 Month + 1,0700%, 6,3204%, 4/20/31 (144A) [‡] ROBE USD 3 Month + 1,0700%, 6,3204%, 4/20/31 (144A) [‡] ROBE USD 3 Month + 1,0700%, 6,3204%, 4/20/31 (144A) [‡] ROBE USD 3 Month + 1,0700%, 6,3704%, 4/20/31 (144A) [‡] ROBE USD USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD USD USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD USD USD 3 Month + 1,220%, 6,4704%, 1/20/32 (144A) [‡] ROBE USD		,	,
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ICE LIBOR USD 3 Month + 1.1200%, 6.3817%, 7/18/34 (144A)	Aqua Finance Trust 2021-A A, 1.5400%, 7/17/46 (144A)	1,382,446	1,222,834
Arivo Acceptance Auto Loan Receivables 2002-1A A, 3.9300%, 5/15/28 (144A) 1,538,447 1,489,119 Basson CLO Ltd 2018-3A A1, ICE LIBOR USD 3 Month + 0,9500%, 6,2004%, 7/20/29 (144A)‡ 2,256,124 2,248,329 Basson CLO Ltd 2019-3A A1 R, ICE LIBOR USD 3 Month + 1,0700%, 6,3204%, 4/20/31 (144A)‡ 7,227,000 7,171,065 Basson CLO Ltd 2019-3A A1 R, ICE LIBOR USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A)‡ 2,320,732 2,297,606 Barclay Commercial Mortgage Securities LLC 2015-SRCH, 4,1970%, 8/10/35 (144A) 2,2528,000 2,2828,831 BPR Trust 2022-0ANA A, ICE LIBOR USD 3 Month + 1,2880%, 7,0450%, 4/15/37 (144A)‡ 9,908,000 9,646,399 BX Commercial Mortgage Trust 2019-CC11, 3,6560%, 1/29/41 (144A) 1,121,000 961,263 BX Commercial Mortgage Trust 2019-CC11, 3,6560%, 1/29/41 (144A) 1,121,000 961,263 BX Commercial Mortgage Trust 2019-CC11, 3,6560%, 1/29/41 (144A) 1,121,000 961,263 BX Commercial Mortgage Trust 2019-CC11, 3,6560%, 1/29/41 (144A) 1,2229,000 1,888,379 BX Commercial Mortgage Trust 2019-XL 5,252,341 5,491,709 BX Commercial Mortgage Trust 2020-VKNIG A, ICE LIBOR Worth + 1,0445%, 6,0615%, 2/15/36 (144A)‡ 966,664 954,480 BX Commercial Mortgage Trust 2021-LBA AJV. 5,252,000 5,045,491 BX Commercial Mortgage Trust 2021-VINO A. 10E LIBOR USD 1 Month + 0,6153%, 5,6453%, 5,715/36 (144A)‡ 5,957,000 5,792,364 BX Commercial Mortgage Trust 2021-VOLT B. 10E LIBOR USD 1 Month + 0,6523%, 5,6453%, 5,715/36 (144A)‡ 4,656,000 4,436,188 BX Commercial Mortgage Trust 2021-VOLT B. 10E LIBOR USD 1 Month + 0,6523%, 5,4453%, 5,444,444,444,444,445 4,666,000 4,466,188 BX Commercial Mortgage Trust 2021-VOLT B. 10E LIBOR USD 1 Month + 1,260%, 6,40%, 6,40%, 6,415/40 (144A)‡ 4,636,000 4,6458,27 6,445,297 BX Commercial	ARES CLO Ltd 2021-60A A,		
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ICE LIBOR USD 3 Month + 0.9500%, 6.2004%, 7/20/29 (144A) [±] 2,256,124 2,248,329 2,88500 CLO Lbd 2019-3A A IR ICE LIBOR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) [±] 7,227,000 7,171,085 2,320,732 2,297,606 3,400 2	Arivo Acceptance Auto Loan Receivables 2022-1A A, 3.9300%, 5/15/28 (144A)	1,538,447	1,489,119
Babson CLO Ltd 2019-3A A1R, ICE LIBDR USD 3 Month + 1.0700%, 6.3204%, 4/20/31 (144A) [±] 7,227,000 7,171,085 8abson CLO Ltd 2020-4A A, ICE LIBDR USD 3 Month + 1.2200%, 6.4704%, 1/20/32 (144A) [±] 2,320,732 2,297,606 8arclays Commercial Mortgage Securities LLC 2015-SRCH, 4,1970%, 8/10/35 (144A) 2,528,000 2,282,831 8PR Trust 2022-0ANA A, CME Term SOFR 1 Month + 1.8980%, 7.0450%, 4/15/37 (144A) [‡] 9,908,000 9,646,399 8X Commercial Mortgage Trust 2019-OC11, 3.6050%, 12/9/41 (144A) 1,121,000 961,263 8X Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A) 2,229,000 1,888,379 8X Commercial Mortgage Trust 2019-DC11, 3.6050%, 12/9/41 (144A) 2,229,000 1,888,379 8X Commercial Mortgage Trust 2019-VL, CME Term SOFR 1 Month + 1.0345%, 6.1815%, 10/15/36 (144A) [‡] 5,528,341 5,491,709 8X Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.1945%, 6.3415%, 10/15/36 (144A) [‡] 1,923,550 1,904,241 8X Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1.0446%, 6.3915%, 10/15/36 (144A) [‡] 966,664 954,480 8X Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.0416%, 6.0915%, 2/15/36 (144A) [‡] 5,213,000 5,045,491 8X Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.0416%, 6.0915%, 2/15/36 (144A) [‡] 5,957,000 5,045,491 8X Commercial Mortgage Trust 2021-VINO A, ICE LIBOR USD 1 Month + 0.0562%, 5.8453%, 5/15/38 (144A) [‡] 5,957,000 5,792,364 8X Commercial Mortgage Trust 2021-VINO A, ICE LIBOR USD 1 Month + 0.0562%, 5.8453%, 5/15/38 (144A) [‡] 4,636,000 4,436,188 8X Commercial Mortgage Trust 2021-VINO A, ICE LIBOR USD 1 Month + 0.7492%, 5.8965%, 6/15/39 (144A) [‡] 4,636,000 4,436,188 8X Commercial Mortgage Trust 2023-VLT2 B, ICE LIBOR USD 1 Month + 1.22810%, 7.4280%, 6/15/39 (144A) [‡] 4,685,000 4,685,000 4,616,174 8X Commercial Mortgage Trust 2023-VLT2 B, ICE LIBOR USD 1 Month + 1.2600%, 6/15/39 (144A) [‡] 4,685,000 4,686,000 4,297,000 4,298,514 8X Comm			
ICE LIBOR USD 3 Month + 1,0700%, 6,3204%, 4/20/31 (144A) [±] 7,227,000 7,171,085 Babson CL DL Id 2020-4A A, ICE LIBOR USD 3 Month + 1,2200%, 6,4704%, 1/20/32 (144A) [±] 2,320,732 2,297,606 Barclays Commercial Mortgage Securities LLC 2015-SRCH, 4,1970%, 8/10/35 (144A) 2,528,000 2,282,831 BPR Trust 2022-0ANA A, CME Term SOFR 1 Month + 1,8980%, 7,0450%, 4/15/37 (144A) [±] 9,908,000 9,646,399 BX Commercial Mortgage Trust 2019-0C 11, 3,8560%, 12/9/41 (144A) 1,121,000 961,263 BX Commercial Mortgage Trust 2019-DC 11, 3,8560%, 12/9/41 (144A) 2,229,000 1,888,379 BX Commercial Mortgage Trust 2019-WL, CME Term SOFR 1 Month + 1,0445%, 6,1815%, 10/15/36 (144A) [±] 5,528,341 5,491,709 BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1,10445%, 6,3415%, 10/15/36 (144A) [±] 1,923,550 1,904,241 BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1,10445%, 6,1915%, 10/15/37 (144A) [±] 966,664 954,480 BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1,0445%, 6,1915%, 2/15/36 (144A) [±] 5,213,000 5,045,491 BX Commercial Mortgage Trust 2019-LIBA AV, CME Term SOFR 1 Month + 0,9145%, 6,0615%, 2/15/36 (144A) [±] 5,213,000 5,045,491 BX Commercial Mortgage Trust 2011-LIBA AV, CME Term SOFR 1 Month + 0,9145%, 6,0615%, 2/15/36 (144A) [±] 8,666,500 8,393,055 BX Commercial Mortgage Trust 2021-VIND A, ICE LIBOR USD 1 Month + 0,9145%, 6,0615%, 2/15/36 (144A) [±] 5,957,000 5,792,364 BX Commercial Mortgage Trust 2021-VIND A, ICE LIBOR USD 1 Month + 0,9500%, 6,1433%, 9/15/36 (144A) [±] 4,636,000 4,436,188 BX Commercial Mortgage Trust 2021-VOLT B, ICE LIBOR USD 1 Month + 1,6500%, 6,8433%, 9/15/36 (144A) [±] 4,869,000 4,616,174 BX Commercial Mortgage Trust 2021-VOLT B, CME Term SOFR 1 Month + 0,7492%, 5,8962%, 4/15/39 (144A) [±] 4,685,000 4,688,276 BX Commercial Mortgage Trust 2021-VOLT B, CME Term SOFR 1 Month + 0,7492%, 5,8962%, 4/15/39 (144A) [±] 4,685,000 4,688,276 BX CME Term SOFR 1 Month + 0,7492%, 5,8962%, 6/15/40 (144A) [±] 4,685,000 4,688,227 BX CME Term SOFR 1 Month + 2,810,000 4,710,000 1,021,075 Cavana Auth		2,256,124	2,248,329
Babson CLO Ltd 2020-4A A ICE LIBOR USD 3 Month + 1.2200%, 6.4704%, 1/20/32 (144A) [‡] 2,320,732 2,297,606 2,282,831 341970%, 8/10/35 (144A) 2,528,000 2,282,831 341970%, 8/10/35 (144A) 2,528,000 2,282,831 341970%, 8/10/35 (144A) 2,528,000 3,646,399 346,399			
CE LIBOR USD 3 Month + 1.2200%, 6.4704%, 1/20/32 (144A) [‡]		7,227,000	7,171,085
Barclays Commercial Mortgage Securities LLC 2015-SRCH, 4,1970%, 8,110/35 (144A) BPR Trust 2022-OANA A, CME Term SOFR 1 Month + 1.8980%, 7,0450%, 4/15/37 (144A) [‡] BPR Trust 2022-OANA A, CME Term SOFR 1 Month + 1.8980%, 7,0450%, 4/15/37 (144A) [‡] BX Commercial Mortgage Trust 2019-OC11, 3,8560%, 12/9/41 (144A) BX Commercial Mortgage Trust 2019-OC11, 3,8560%, 12/9/41 (144A) BX Commercial Mortgage Trust 2019-WL, CME Term SOFR 1 Month + 1.0345%, 6,1815%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0345%, 6,1815%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0445%, 6,3915%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1.0445%, 6,1915%, 10/15/37 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6,0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6,0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VIND A, CE LIBOR USD 1 Month + 0.9523%, 5,8453%, 5/15/38 (144A) [‡] BX Commercial Mortgage Trust 2021-VIND A, CE LIBOR USD 1 Month + 0.6523%, 5,8453%, 5/15/38 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9500%, 6,1433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9200%, 6,8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9200%, 6,8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9200%, 6,8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9200%, 6,8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 1 Month + 0.9200%, 6,8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT D, CE LIBOR USD 3 Month + 1.0500%, 6,8033%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2023-VLT2 B, CE LIBOR USD 3 Month + 1.15000%, 6,0034%, 5/29/32 (144A) [‡] CE LIBOR USD 3 Month + 1.0500%, 6,0034%, 5/29/32 (144A)			
### 4.1970%, 8/10/35 (144A) BPR Trust 2022-ONAN A, CME Term SOFR 1 Month + 1.8980%, 7.0450%, 4/15/37 (144A) [‡] BY SOFR 1 Month + 1.8980%, 7.0450%, 12/9/41 (144A) BY Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A) BY Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A) BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0345%, 6.1815%, 10/15/36 (144A) [‡] BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0345%, 6.1815%, 10/15/36 (144A) [‡] BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0445%, 6.3415%, 10/15/36 (144A) [‡] BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0445%, 6.3415%, 10/15/37 (144A) [‡] BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0445%, 6.3615%, 10/15/37 (144A) [‡] BY Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-BA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-BA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-BA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-BA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-BA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BY Commercial Mortgage Trust 2011-VINIO A, CEL LIBOR USD 1 Month + 0.950%, 6.1433%, 9/15/36 (144A) [‡] BY Commercial Mortgage Trust 2021-VOLT B, CEL LIBOR USD 1 Month + 0.950%, 6.18433%, 9/15/36 (144A) [‡] BY Commercial Mortgage Trust 2021-VOLT D, CEL LIBOR USD 1 Month + 0.950%, 6.18433%, 9/15/36 (144A) [‡] BY Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.920%, 5.8962%, 4/15/39 (144A) [‡] BY Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 0.1800%, 6.4030%, 6/15/40 (144A) [‡] BY Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 0.1800%, 6.103390%, 6/15/40 (144A) [‡] BY Commercial Mortgage Trust 2021-PA A2, 0.8	ICE LIBOR USD 3 Month + 1.2200%, 6.4704%, 1/20/32 (144A) [‡]	2,320,732	2,297,606
BPR Trust 2022-QANÀ A, CME Term SOFR 1 Month + 1.8980%, 7.0450%, 4/15/37 (144A) [‡] BR Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A) BX Commercial Mortgage Trust 2019-OC11, 3.8560%, 12/9/41 (144A) BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0345%, 6.1815%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.045%, 6.1815%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.1945%, 6.3415%, 10/15/36 (144A) [‡] BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1.045%, 6.1915%, 10/15/37 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VIND A, ICE LIBOR USD 1 Month + 0.6523%, 5.8453%, 5/15/38 (144A) [‡] BX Commercial Mortgage Trust 2021-VULT B, ICE LIBOR USD 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2021-VOLT B, ICE LIBOR USD 1 Month + 1.6900%, 6.8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2022-VOLT B, CME Term SOFR 1 Month + 1.228 10%, 7.4280%, 6/15/49 (144A) [‡] BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 2.28 10%, 7.4280%, 6/15/40 (144A) [‡] BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] BX Commercial Mortgage Trust 2021-PA A2, 0.8200%, 4/10/25 CARNA CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.8000%, 6.0304%, 5/29/32 (144A) [‡] CE LIBOR USD 3 Month + 1.15000%, 6.0034%, 5/29/32 (144A) [‡] CE LIBOR USD 3 Month + 1.15000%, 6.0034%, 5/29/32 (144A) [‡] CE LIBOR USD 3 Month + 1.75000%, 6.0034%, 5/29/32 (144A) [‡] CE LIBOR USD 3 Month + 1.75000%, 6.003		0.500.000	0.000.004
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BX Commercial Mortgage Trust 2019-0C11, 3.6050%, 12/9/41 (144A) 1,121,000 1,888,379 BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.0345%, 6.1815%, 10/15/36 (144A) 5,528,341 5,491,709 BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.1945%, 6.8415%, 10/15/36 (144A) 5,528,341 5,491,709 BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.1945%, 6.63415%, 10/15/36 (144A) 5,528,341 1,923,550 1,904,241 BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1.1945%, 6.1915%, 10/15/37 (144A) 7,066,664 954,480 CME Term SOFR 1 Month + 1.0445%, 6.1915%, 10/15/37 (144A) 7,066,664 954,480 CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) 7,066,661 CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) 7,066,500 5,045,491 CME Term SOFR 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) 7,066,500 5,045,500		0.000.000	0.040.000
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BX Commercial Mortgage Trust 2019-XL, CME Term SOFR 1 Month + 1.1945%, 6.3415%, 10/15/36 (144A) [‡] 1,923,550 1,904,241 BX Commercial Mortgage Trust 2020-VKNG A, CME Term SOFR 1 Month + 1.0445%, 6.1915%, 10/15/37 (144A) [‡] 966,664 954,480 BX Commercial Mortgage Trust 2021-LBA AJV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] 5,213,000 5,045,491 BX Commercial Mortgage Trust 2021-LBA AV, CME Term SOFR 1 Month + 0.9145%, 6.0615%, 2/15/36 (144A) [‡] 8,666,500 8,393,055 BX Commercial Mortgage Trust 2021-VINO A, ICE LIBOR USD 1 Month + 0.6503%, 6.8453%, 5/15/38 (144A) [‡] 5,957,000 5,792,364 BX Commercial Mortgage Trust 2021-VOLT B, ICE LIBOR USD 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) [‡] 4,636,000 4,436,188 BX Commercial Mortgage Trust 2021-VOLT D, ICE LIBOR USD 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) [‡] 4,869,000 4,616,174 BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] 6,435,024 6,152,297 BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 2.13290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-FA A, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA AI, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A AIR, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 4,973,000 CF Hippolyta Issuer LLC 2021-1A AI, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		5 500 241	5 401 700
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ICE LIBOR USD 1 Month + 0.6523%, 5.8453%, 5/15/38 (144A) [‡] 5,957,000 5,792,364 BX Commercial Mortgage Trust 2021-VOLT B, ICE LIBOR USD 1 Month + 0.9500%, 6.1433%, 9/15/36 (144A) [‡] 4,636,000 4,436,188 BX Commercial Mortgage Trust 2021-VOLT D, ICE LIBOR USD 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) [‡] 4,869,000 4,616,174 BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] 6,435,024 6,152,297 BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A)		, ,	
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BX Commercial Mortgage Trust 2021-VOLT D, ICE LIBOR USD 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) [‡] BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] BARTON BARGON BARG	BX Commercial Mortgage Trust 2021-VOLT B,		
ICE LIBOR USD 1 Month + 1.6500%, 6.8433%, 9/15/36 (144A) [‡] 4,869,000 4,616,174 BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] 6,435,024 6,152,297 BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		4,636,000	4,436,188
BX Commercial Mortgage Trust 2022-FOX2 A2, CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] 6,435,024 6,152,297 BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350	BX Commercial Mortgage Trust 2021-VOLT D,		
CME Term SOFR 1 Month + 0.7492%, 5.8962%, 4/15/39 (144A) [‡] 6,435,024 6,152,297 BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		4,869,000	4,616,174
BX Commercial Mortgage Trust 2023-VLT2 A, CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350			
CME Term SOFR 1 Month + 2.2810%, 7.4280%, 6/15/40 (144A) [‡] 2,107,000 2,098,514 BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		6,435,024	6,152,297
BX Commercial Mortgage Trust 2023-VLT2 B, CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,812 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350			
CME Term SOFR 1 Month + 3.1290%, 8.2760%, 6/15/40 (144A) [‡] 4,685,000 4,658,827 BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) 1,140,000 1,021,275 Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 249,812 249,467 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		2,107,000	2,098,514
BXP Trust 2017-GM, 3.3790%, 6/13/39 (144A) Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 3/15/61 (144A) RICE LIBOR USD 3 Month + 1.0500%, 3/15/61 (144A)		1005000	4.050.005
Carvana Auto Receivables Trust 2021-P4 A2, 0.8200%, 4/10/25 CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] RICE LIBOR USD 3 Month + 1.0500%, 3/15/61 (144A) RICE LIBOR USD 3 Month + 1.0500%, 3/15/61 (144A) RICE LIBOR USD 3 Month + 1.0500%, 3/15/61 (144A)			
CBAM CLO Management 2019-11RA A1, ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) CBAM CLO Management 2019-11RA A1, 1.900%, 6.4304%, 1/20/35 (144A) [‡] CPATION CONTROL OF THE CONTROL O			
ICE LIBOR USD 3 Month + 1.1800%, 6.4304%, 1/20/35 (144A) [‡] 4,973,000 4,889,255 CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		249,812	249,467
CBAM CLO Management 2019-11RA B, ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A) [‡] Cedar Funding Ltd 2019-11A A1R, ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) R174,000 8,078,209 4,384,266 3,790,350		4.072.000	4 880 0EE
ICE LIBOR USD 3 Month + 1.7500%, 7.0004%, 1/20/35 (144A)‡ 2,006,778 1,920,531 Cedar Funding Ltd 2019-11A A1R, 8,174,000 8,078,209 ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A)‡ 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		4,973,000	4,009,200
Cedar Funding Ltd 2019-11A A1R, 8,174,000 8,078,209 ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		2.006.779	1,000,521
ICE LIBOR USD 3 Month + 1.0500%, 6.0034%, 5/29/32 (144A) [‡] 8,174,000 8,078,209 CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		2,000,770	1,920,001
CF Hippolyta Issuer LLC 2021-1A A1, 1.5300%, 3/15/61 (144A) 4,384,266 3,790,350		8 174 000	8.078.900
	CF Hippolyta Issuer LLC 2021-1A A1, 1.3000 / 3, 0715761 (144A)	1,655,880	1,395,296

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities (continued)	40.545.550	40.500.045
CF Hippolyta Issuer LLC 2022-1A A1, 5.9700%, 8/15/62 (144A)	\$6,717,772	\$6,526,645 14,841,640
CF Hippolyta Issuer LLC 2022-1A A2, 6.1100%, 8/15/62 (144A) Chase Auto Credit Linked Notes 2021-1 B, 0.8750%, 9/25/28 (144A)	15,932,112 546,166	529,351
Chase Auto Credit Linked Notes 2021-1 B, 0.8750%, 9720728 (144A) Chase Auto Credit Linked Notes 2021-2 B, 0.8890%, 12/26/28 (144A)	1,307,198	1,263,079
Chase Mortgage Finance Corp 2021-CL1 M1,	1,007,100	1,200,070
US 30 Day Average SOFR + 1.2000%, 6.2666%, 2/25/50 (144A) [‡]	4,346,635	3,975,240
CIFC Funding Ltd 2018-3A A,		
ICE LIBOR USD 3 Month + 1.1000%, 6.3617%, 7/18/31 (144A)‡	3,233,000	3,202,523
CIFC Funding Ltd 2021-4A A,		
ICE LIBOR USD 3 Month + 1.0500%, 6.3103%, 7/15/33 (144A) [‡]	6,344,383	6,273,783
CIFC Funding Ltd 2021-7A B, ICE LIBOR USD 3 Month + 1.6000%, 6.8727%, 1/23/35 (144A)‡	1 601 104	1 560 000
CIM Trust 2021-NR1 A1, 2.5690%, 7/25/55 (144A) ^C	1,621,184 1,838,093	1,569,298 1,766,131
CIM Trust 2021 NR1 A1, 2.8160%, 10/25/61 (144A) ^c	1,517,559	1,415,934
Cold Storage Trust 2020-ICE5 A,	.,6,555	.,
ICE LIBÖR USD 1 Month + 0.9000%, 6.0933%, 11/15/37 (144A)‡	7,978,934	7,837,505
Cold Storage Trust 2020-ICE5 B,		
ICE LIBOR USD 1 Month + 1.3000%, 6.4933%, 11/15/37 (144A) [‡]	2,944,057	2,890,845
Cold Storage Trust 2020-ICE5 C,	0.055.050	0.000.045
ICE LIBŌR USD 1 Month + 1.6500%, 6.8433%, 11/15/37 (144A) [‡]	2,955,853	2,898,847
COLT Funding LLC 2020-2, ICE LIBOR USD 12 Month + 1.5000%, 1.8530%, 3/25/65 (144A)‡	30,546	30,161
COLT Funding LLC 2020-3,	30,340	30,101
ICE LIBOR USD 12 Month + 1.2000%, 1.5060%, 4/27/65 (144A) [‡]	267,571	246,228
Connecticut Avenue Securities Trust 2018-R07,	- ,-	-, -
ICE LIBOR USD 1 Month + 2.4000%, 7.5504%, 4/25/31 (144A) [‡]	224,094	224,794
Connecticut Avenue Securities Trust 2019-R02,		
ICE LIBOR USD 1 Month + 2.3000%, 7.4504%, 8/25/31 (144A) [‡]	30,431	30,431
Connecticut Avenue Securities Trust 2019-R03,	70.101	70.040
ICE LIBOR USD 1 Month + 2.1500%, 7.3004%, 9/25/31 (144A) [‡] Connecticut Avenue Securities Trust 2019-R07,	79,131	79,242
ICE LIBOR USD 1 Month + 2.1000%, 7.2504%, 10/25/39 (144A) [‡]	156,375	156,630
Connecticut Avenue Securities Trust 2021-R02 2M2,		, , , , , , ,
US 30 Day Average SOFR + 2.0000%, 7.0666%, 11/25/41 (144A) [‡]	9,573,000	9,320,266
Connecticut Avenue Securities Trust 2021-R03 1M1,		
US 30 Day Average SOFR + 0.8500%, 5.9166%, 12/25/41 (144A) [‡]	2,583,819	2,553,826
Connecticut Avenue Securities Trust 2021-R03 1M2,	2.104.000	2.010.702
US 30 Day Average SOFR + 1.6500%, 6.7166%, 12/25/41 (144A) [‡] Connecticut Avenue Securities Trust 2022-R02 2M2,	3,124,000	3,018,793
US 30 Day Average SOFR + 3.0000%, 8.0666%, 1/25/42 (144A) [‡]	3,661,000	3,627,841
Connecticut Avenue Securities Trust 2022-R03 1M1,	0,001,000	0,027,041
US 30 Day Average SOFR + 2.1000%, 7.1666%, 3/25/42 (144A) [‡]	6,177,279	6,192,232
Connecticut Avenue Securities Trust 2022-R04 1M1,		
US 30 Day Average SOFR + 2.0000%, 7.0666%, 3/25/42 (144A) [‡]	2,655,358	2,659,680
Connecticut Avenue Securities Trust 2022-R05 2M1,	0.055.010	0.004.000
US 30 Day Average SOFR + 1.9000%, 6.9666%, 4/25/42 (144A) [‡]	2,877,819	2,884,923
Connecticut Avenue Securities Trust 2022-R05 2M2, US 30 Day Average SOFR + 3.0000%, 8.0666%, 4/25/42 (144A) [‡]	2,737,000	2,725,042
Connecticut Avenue Securities Trust 2022-R06 1M1,	2,707,000	2,720,042
US 30 Day Average SOFR + 2.7500%, 7.8166%, 5/25/42 (144A) [‡]	2,034,176	2,071,040
Connecticut Avenue Securities Trust 2022-R08 1M1,		
US 30 Day Average SOFR + 2.5500%, 7.6166%, 7/25/42 (144A) [‡]	1,708,120	1,729,072
Connecticut Avenue Securities Trust 2022-R09 2M1,	0.050.050	0.000.010
US 30 Day Average SOFR + 2.5000%, 7.5666%, 9/25/42 (144A) [‡]	6,278,976	6,306,213
Connecticut Avenue Securities Trust 2023-R01 1M1, US 30 Day Average SOFR + 2.4000%, 7.4666%, 12/25/42 (144A) [‡]	3,012,205	3,026,550
Connecticut Avenue Securities Trust 2023-R03 2M1,	0,012,200	0,020,000
US 30 Day Average SOFR + 2.5000%, 7.5666%, 4/25/43 (144A) [‡]	4,319,662	4,356,791
Connecticut Avenue Securities Trust 2023-R04 1M1,		
US 30 Day Average SOFR + 2.3000%, 7.3666%, 5/25/43 (144A)‡	5,211,647	5,238,465

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities (continued)		
Consumer Loan Underlying Bond Credit Trust 2019-P2 C, 4.4100%, 10/15/26 (144A)	\$174,434	\$174,323
Consumer Loan Underlying Bond Credit Trust 2020-P1 C, 4.6100%, 3/15/28 (144A)	141,775	141,229
CP EF Asset Securitization I LLC 2002-1A A, 5.9600%, 4/15/30 (144A)	2,094,182	2,058,654
Credit Suisse Commercial Mortgage Trust 2019-ICE4, ICE LIBOR USD 1 Month + 0.9800%, 6.1730%, 5/15/36 (144A) [‡] Credit Suisse Commercial Mortgage Trust 2019-ICE4 C,	7,863,437	7,812,908
ICE LIBOR USD 1 Month + 1.4300%, 6.6230%, 5/15/36 (144A) [‡] Credit Suisse Commercial Mortgage Trust 2021-WEHO A,	1,482,312	1,465,614
CME Term SOFR 1 Month + 4.0838%, 9.2308%, 4/15/26 (144A) [‡]	3,136,985	3,107,776
Diamond Infrastructure Funding LLC 2021-1A A, 1.7600%, 4/15/49 (144A) Dryden Senior Loan Fund 2020-83A A,	4,917,000	4,220,990
ICE LIBOR USD 3 Month + 1.2200%, 6.4817%, 1/18/32 (144A) [‡] Elmwood CLO VIII Ltd 2019-2A AR,	2,264,477	2,235,988
ICE LIBOR USD 3 Month + 1.1500%, 5.9577%, 4/20/34 (144A) [‡] Exeter Automobile Receivables Trust 2019-1, 5.2000%, 1/15/26 (144A)	2,590,000 2,365,000	2,550,526 2,357,234
Exeter Automobile Receivables Trust 2021-1A D, 1.0800%, 11/16/26 Extended Stay America Trust 2021-ESH A,	3,089,000	2,900,493
ICE LIBOR USD 1 Month + 1.0800%, 6.2740%, 7/15/38 (144A) [‡]	2,491,262	2,441,738
Fannie Mae REMICS, 3.0000%, 5/25/48 Fannie Mae REMICS, 3.0000%, 11/25/49	2,238,527 2,821,031	2,025,545 2,493,048
Flagstar Mortgage Trust 2021-13IN A2, 3.0000%, 12/30/51 (144A) [‡] Foursight Capital Auto Receivables Trust 2021-1 B, 0.8700%, 1/15/26 (144A)	9,424,041 939,581	7,899,631 933,682
Freddie Mac Structured Agency Credit Risk Debt Notes 2019-DNA4 M2,	·	·
ICE LIBOR USD 1 Month + 1.9500%, 7.1004%, 10/25/49 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2020-DNA6 M2,	51,465	51,536
US 30 Day Average SOFR + 2.0000%, 7.0666%, 12/25/50 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2020-HQA2 M2,	3,643,760	3,677,813
ICE LIBOR USD 1 Month + 3.1000%, 8.2504%, 3/25/50 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2020-HQA5 M2,	1,204,724	1,235,479
US 30 Day Average SOFR + 2.6000%, 7.6666%, 11/25/50 (144A) [‡]	3,965,043	4,021,681
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-DNA2 M2, US 30 Day Average SOFR + 2.3000%, 7.3666%, 8/25/33 (144A) [‡]	9,578,368	9,583,253
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-DNA6 M1, US 30 Day Average SOFR + 0.8000%, 5.8666%, 10/25/41 (144A) [‡]	4,005,544	3,977,521
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-DNA7 M1, US 30 Day Average SOFR + 0.8500%, 5.9166%, 11/25/41 (144A) [‡]	3,493,301	3,448,001
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-H0A1 M2, US 30 Day Average SOFR + 2.2500%, 7.3166%, 8/25/33 (144A)‡	8,631,201	8,493,398
Freddie Mac Structured Agency Credit Risk Debt Notes 2021-HQA4 M1,		
US 30 Day Average SOFR + 0.9500%, 6.0166%, 12/25/41 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-DNA2 M1A,	6,534,385	6,337,216
US 30 Day Average SOFR + 1.3000%, 6.3666%, 2/25/42 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-DNA3 M1A,	1,375,299	1,368,078
US 30 Day Average SOFR + 2.0000%, 7.0666%, 4/25/42 (144A) [†] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-DNA5 M1A,	1,312,135	1,314,804
US 30 Day Average SOFR + 2.9500%, 8.0166%, 6/25/42 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-DNA6 M1A,	4,049,441	4,115,846
US 30 Day Average SOFR + 2.1500%, 7.2166%, 9/25/42 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-HQA1 M1A.	1,050,945	1,053,132
US 30 Day Average SOFR + 2.1000%, 7.1666%, 3/25/42 (144A)‡ Freddie Mac Structured Agency Credit Risk Debt Notes 2022-HQA2 M1A,	2,639,111	2,642,139
US 30 Day Average SOFR + 2.6500%, 7.7166%, 7/25/42 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2022-HQA3 M1A,	2,153,450	2,182,586
US 30 Day Average SOFR + 2.3000%, 7.3666%, 8/25/42 (144A) [‡] Freddie Mac Structured Agency Credit Risk Debt Notes 2023-DNA2 M1A,	1,949,963	1,961,689
US 30 Day Average SOFR + 2.1000%, 7.1666%, 4/25/43 (144A) [‡]	2,227,611	2,234,107
GCAT 2022-INV1 A1, 3.0000%, 12/25/51 (144A)‡	12,267,817	10,291,898

Schedule of Investments (unaudited) June 30, 2023

	Sharaa ar	
	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities (continued)	,	
Great Wolf Trust, CME Term SOFR 1 Month + 1.1485%, 6.2955%, 12/15/36 (144A) [‡]	\$5,612,000	\$5,545,461
Great Wolf Trust, CME Term SOFR 1 Month + 1.4485%, 6.5955%, 12/15/36 (144A) [‡]	1,195,000	1,175,121
Great Wolf Trust, CME Term SOFR 1 Month + 1.7475%, 6.8945%, 12/15/36 (144A) [‡]	1,332,000	1,307,258
Highbridge Loan Management Ltd 2021-16A B, ICE LIBOR USD 3 Month + 1.7000%, 6.9727%, 1/23/35 (144A)‡	1,569,525	1,516,896
JP Morgan Chase Commercial Mortgage Sec Trust 2020-ACE A, 3.2865%, 1/10/37 (144A)	6,696,000	6,236,721
JP Morgan Chase Commercial Mortgage Sec Trust 2020-ACE B, 3.6401%, 1/10/37 (144A)	4,540,000	4,143,661
LAD Auto Receivables Trust 2021-1A A, 1.3000%, 8/17/26 (144A)	1,152,087	1,122,116
LAD Auto Receivables Trust 2022-1A A, 5.2100%, 6/15/27 (144A)	5,000,024	4,941,709
LCM LP 24A AR, ICE LIBOR USD 3 Month + 0.9800%, 6.2304%, 3/20/30 (144A) [‡]	2,026,075	2,000,048
Lendbuzz Securitization Trust 2021-1A A, 4.2200%, 5/17/27 (144A)‡	4,029,359	3,892,636
Lendbuzz Securitization Trust 2023-1A A2, 6.9200%, 8/15/28 (144A) Life Financial Services Trust 2021-BMR A,	2,891,000	2,876,815
CME Term SOFR 1 Month + 0.8145%, 5.9615%, 3/15/38 (144A) [‡] Life Financial Services Trust 2021-BMR C,	9,993,858	9,734,237
CME Term SOFR 1 Month + 1.2145%, 6.3615%, 3/15/38 (144A) [‡] Life Financial Services Trust 2022-BMR2 A1,	4,199,248	4,042,867
CME Term SOFR 1 Month + 1.2952%, 6.4422%, 5/15/39 (144A) [‡] Life Financial Services Trust 2022-BMR2 B,	11,353,000	11,089,136
CME Term SOFR 1 Month + 1.7939%, 6.9409%, 5/15/39 (144A) [‡] Madison Park Funding Ltd 2019-35A A1R,	1,854,000	1,810,180
ICE LIBOR USD 3 Month + 0.9900%, 6.2404%, 4/20/32 (144A) [‡] Marlette Funding Trust 2023-2A B, 6.5400%, 6/15/33 (144A) MED Trust 2021-MDLN A,	1 1,055,000 1,846,000	10,898,572 1,843,259
ICE LIBOR USD 1 Month + 0.9500%, 6.1440%, 11/15/38 (144A) [‡] MED Trust 2021-MDLN E,	1,582,406	1,536,156
ICE LIBOR USD 1 Month + 3.1500%, 8.3440%, 11/15/38 (144A) [‡] Mello Mortgage Capital Acceptance Trust 2021-INV2 A11,	6,303,747	5,956,711
US 30 Day Average SOFR + 0.9500%, 5.0000%, 8/25/51 (144A) [‡] Mello Mortgage Capital Acceptance Trust 2021-INV3 A11,	3,162,158	2,900,622
US 30 Day Average SOFR + 0.9500%, 5.0000%, 10/25/51 (144A) [‡] Mello Mortgage Capital Acceptance Trust 2021-INV4 A3,	3,963,963	3,636,181
2.5000%, 12/25/51 (144A) [‡] Mello Mortgage Capital Acceptance Trust 2022-INV1 A2,	2,829,691	2,271,458
3.0000%, 3/25/52 (144A)‡ Mercury Financial Credit Card Master Trust 2023-1A A,	8,322,581	6,988,653
8.0400%, 9/20/27 (144A) MHC Commercial Mortgage Trust 2021-MHC A,	5,807,000	5,811,793
CME Term SOFR 1 Month + 0.9154%, 6.0624%, 4/15/38 (144A) [‡] MHC Commercial Mortgage Trust 2021-MHC C,	7,718,888	7,579,750
CME Term SOFR 1 Month + 1.4654%, 6.6124%, 4/15/38 (144A) [‡] New Economy Assets Phase 1 Issuer LLC 2021-1 B1, 2.4100%, 10/20/61 (144A)	4,357,691 2,779,000	4,245,203 2,314,172
New Residential Mortgage Loan Trust 2018-2, ICE LIBOR USD 6 Month + 0.6800%, 4.5000%, 2/25/58 (144A) [‡] NRZ Excess Spread Collateralized Notes 2020-PLS1 A,	403,417	379,905
3.8440%, 12/25/25 (144A)	920,373	851,927
NRZ Excess Spread Collateralized Notes 2021-FHT1 A, 3.1040%, 7/25/26 (144A) Oak Street Investment Grade Net Lease Fund 2020-1A A1,	2,335,713	2,090,551
1.8500%, 11/20/50 (144A)	3,591,564	3,241,305
Oasis Securitization 2022-1A A, 4.7500%, 5/15/34 (144A)	1,194,755	1,175,999
Oasis Securitization 2022-2A A, 6.8500%, 10/15/34 (144A) Oceanview Mortgage Trust 2021-5 AF,	1,439,827	1,425,581
US 30 Day Average SOFR + 0.8500%, 5.0000%, 11/25/51 (144A) [‡]	4,488,734	4,083,873
Oceanview Mortgage Trust 2022-1 A1, 3.0000%, 12/25/51 (144A) [‡] Oceanview Mortgage Trust 2022-2 A1, 3.0000%, 12/25/51 (144A) [‡]	4,967,830 9,223,262	4,168,033 7,738,376

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited) June 30, 2023

	Ch	
	Shares or Principal Amounts	Value
Asset-Backed/Commercial Mortgage-Backed Securities (continued)	Timelpartimounts	Value
Onslow Bay Financial LLC 2021-INV3 A3, 2.5000%, 10/25/51 (144A) [‡]	\$3,428,190	\$2,749,419
Onslow Bay Financial LLC 2022-INV1 A1, 3.0000%, 12/25/51 (144A) [‡]	9,339,268	7,834,596
Onslow Bay Financial LLC 2022-INV1 A18, 3.0000%, 12/25/51 (144A) [‡]	3,960,334	3,230,744
Pagaya Al Debt Selection Trust 2022-1 A, 2.0300%, 10/15/29 (144A)	1,703,538	1,656,870
Preston Ridge Partners Mortgage Trust 2020-4 A1, 2.9510%, 10/25/25 (144A) ^C	2,388,208	2,295,509
Preston Ridge Partners Mortgage Trust 2020-4 A., 2.3910-9, 10725/26 (144A) ^C	6,803,135	6,266,756
Preston Ridge Partners Mortgage Trust 2021-10 A1, 2.4670%, 10/25/26 (144A) ^C	4,928,773	4,570,268
Preston Ridge Partners Mortgage Trust 2021-9 A1, 2.3030-9, 107 207 20 (144A) ^c	7,081,113	6,808,553
Reach Financial LLC 2022-2A A, 6.6300%, 5/15/30 (144A)	1,151,035	1,151,569
Regatta XXIII Funding Ltd 2021-4A B,	1,101,000	1,151,569
ICE LIBOR USD 3 Month + 1.7000%, 6.9504%, 1/20/35 (144A) [‡]	1,732,772	1 602 200
	1,732,772	1,683,308
Saluda Grade Alternative Mortgage Trust 2023-SEQ3 A1,	0.405.700	0.410.044
7.1620%, 6/1/53 (144A) [‡]	2,425,783	2,419,244
Santander Bank Auto Credit-Linked Notes 2021-1A B, 1.8330%, 12/15/31 (144A)	723,626	695,852
Santander Bank Auto Credit-Linked Notes 2022-A B, 5.2810%, 5/15/32 (144A)	3,113,793	3,066,947
Santander Bank Auto Credit-Linked Notes 2022-B A2, 5.5870%, 8/16/32 (144A)	1,386,828	1,364,879
Santander Drive Auto Receivables Trust 2020-3 D, 1.6400%, 11/16/26	7,426,602	7,234,867
Sequoia Mortgage Trust 2013-5, 2.5000%, 5/25/43 (144A) [‡]	631,276	540,028
Sequoia Mortgage Trust 2020-2, 3.5000%, 3/25/50 (144A) [‡]	240,069	209,403
SMRT 2022-MINI A, CME Term SOFR 1 Month + 1.0000%, 6.1470%, 1/15/39	11010000	10000504
(144A) [‡]	11,242,000	10,909,504
Sound Point CLO Ltd 2019-1A AR,	0.004.000	0.404.545
ICE LIBOR USD 3 Month + 1.0800%, 5.8877%, 1/20/32 (144A) [‡]	8,304,000	8,161,545
Spruce Hill Mortgage Loan Trust 2020-SH1 A1,	10.101	17.000
ICE LIBOR USD 12 Month + 0.9500%, 2.5210%, 1/28/50 (144A) [‡]	18,101	17,868
Spruce Hill Mortgage Loan Trust 2020-SH1 A2,	100010	00.000
ICE LIBOR USD 12 Month + 1.0500%, 2.6240%, 1/28/50 (144A) [‡]	100,916	99,696
SREIT Trust 2021-MFP A,		
ICE LIBOR USD 1 Month + 0.7308%, 5.9241%, 11/15/38 (144A) [‡]	710,000	689,155
Tesla Auto Lease Trust 2021-B A3, 0.6000%, 9/22/25 (144A)	2,492,000	2,398,439
Tesla Auto Lease Trust 2021-B B, 0.9100%, 9/22/25 (144A)	1,278,000	1,209,624
Theorem Funding Trust 2021-1A A, 1.2100%, 12/15/27 (144A)	700,041	696,838
THL Credit Wind River CLO Ltd 2019-1A AR,		
ICE LIBOR USD 3 Month + 1.1600%, 6.4104%, 7/20/34 (144A) [‡]	2,394,000	2,332,879
TPI Re-Remic Trust 2022-FRR1 AK33, 0%, 7/25/46 (144A)	2,503,000	2,490,302
TPI Re-Remic Trust 2022-FRR1 AK34, 0%, 7/25/46 (144A)	2,061,000	2,050,544
TPI Re-Remic Trust 2022-FRR1 AK35, 0%, 8/25/46 (144A)	2,795,000	2,764,141
Tricolor Auto Securitization Trust 2022-1A A, 3.3000%, 2/18/25 (144A)	248,635	247,234
United Wholesale Mortgage LLC 2021-INV1 A9,		
US 30 Day Average SOFR + 0.9000%, 5.0000%, 8/25/51 (144A) [‡]	3,738,437	3,407,317
United Wholesale Mortgage LLC 2021-INV4 A3, 2.5000%, 12/25/51 (144A)‡	2,175,737	1,746,514
Upstart Securitization Trust 2021-4 A, 0.8400%, 9/20/31 (144A)	781,072	769,022
Upstart Securitization Trust 2021-5 A, 1.3100%, 11/20/31 (144A)	617,457	604,492
Upstart Securitization Trust 2022-1 A, 3.1200%, 3/20/32 (144A)	3,354,534	3,284,696
Upstart Securitization Trust 2022-2 A, 4.3700%, 5/20/32 (144A)	4,504,014	4,453,491
Vantage Data Centers LLC 2020-1A A2, 1.6450%, 9/15/45 (144A)	4,798,000	4,299,626
Vantage Data Centers LLC 2020-2A A2, 1.9920%, 9/15/45 (144A)	3,097,000	2,612,690
VASA Trust 2021-VASA A,		
ICE LIBOR USD 1 Month + 0.9000%, 6.0930%, 7/15/39 (144A) [‡]	2,382,000	2,092,559
VCAT Asset Securitization LLC 2021-NPL1 A1, 2.2891%, 12/26/50 (144A)	603,278	576,795
VMC Finance LLC 2021-HT1 A,		
ICE LIBOR USD 1 Month + 1.6500%, 6.8066%, 1/18/37 (144A) [‡]	3,023,031	2,926,263
Wells Fargo Commercial Mortgage Trust 2021-SAVE A,		
ICE LIBOR USD 1 Month + 1.1500%, 6.3430%, 2/15/40 (144A)‡	1,599,878	1,504,690
Westgate Resorts 2022-1A A, 1.7880%, 8/20/36 (144A)	1,274,369	1,198,194
Westlake Automobile Receivable Trust 2020-1A D, 2.8000%, 6/16/25 (144A)	2,486,949	2,462,571
Woodward Capital Management 2021-3 A21,		
US 30 Day Average SOFR + 0.8000%, 5.0000%, 7/25/51 (144A)‡	2,770,187	2,531,200
Woodward Capital Management 2023-CES1 A1A, 6.5150%, 6/25/43 (144A) [‡]	4,789,000	4,769,088
Total Asset-Backed/Commercial Mortgage-Backed Securities (cost \$637,778,776)		612,250,448

Schedule of Investments (unaudited) June 30, 2023

	Shares or	
	Principal Amounts	Value
Corporate Bonds – 9.7%	- 1	
Banking – 3.1%		
American Express Co, SOFR + 1.8350%, 5.0430%, 5/1/34 [‡]	\$7,073,000	\$6,918,255
Bank of America Corp, SOFR + 1.9900%, 6.2040%, 11/10/28 [‡]	9,613,000	9,880,712
Bank of America Corp, CME Term SOFR 3 Month + 3.9666%, 6.2500% ^{1,µ}	7,229,000	7,138,638
Bank of New York Mellon Corp/The, SOFR + 1.0260%, 4.9470%, 4/26/27 [‡]	4,390,000	4,335,842
Bank of New York Mellon Corp/The, SOFR + 1.6060%, 4.9670%, 4/26/34 [‡]	2,700,000	2,636,761
Bank of Montreal,		
US Treasury Yield Curve Rate 5 Year + 1.4000%, 3.0880%, 1/10/37 [‡]	15,654,000	12,294,446
BNP Paribas SA, SOFR + 1.2280%, 2.5910%, 1/20/28 (144A) [‡]	3,776,000	3,374,651
BNP Paribas SA,	T 40T 000	T 000 000
US Treasury Yield Curve Rate 1 Year + 1.4500%, 5.1250%, 1/13/29 (144A) [‡]	7,487,000	7,326,099
Capital One Financial Corp, SOFR + 2.6400%, 6.3120%, 6/8/29 [‡]	7,930,000	7,876,579
Citigroup Inc, CME Term SOFR 3 Month + 1.8246%, 3.8870%, 1/10/28‡	11,561,000	10,955,266
Citigroup Inc, CME Term SOFR 3 Month + 4.1666%, 5.9500% ^{‡,µ}	2,339,000	2,243,167
Citigroup Inc, CME Term SOFR 3 Month + 3.6846%, 6.3000% ^{‡,µ}	555,000	539,738
Cooperatieve Rabobank UA, US Treasury Yield Curve Rate 1 Year + 1.4000%, 5.5640%, 2/28/29 (144A)‡	10,403,000	10,264,091
Deutsche Bank AG / New York, SOFR + 3.0430%, 3.5470%, 9/18/31‡	1,446,000	1,200,918
Deutsche Bank AG / New York, SOFR + 3.6500%, 7.0790%, 2/10/34 [‡]	3,831,000	3,543,809
Goldman Sachs Group Inc, 3.5000%, 4/1/25	12,173,000	11,693,264
JPMorgan Chase & Co, CME Term SOFR 3 Month + 2.5150%, 2.9560%, 5/13/31 [‡]	6,345,000	5,440,523
JPMorgan Chase & Co, SOFR + 2.5800%, 5.7170%, 9/14/33 [‡]	12,436,000	12,616,238
JPMorgan Chase & Co, CME Term SOFR 3 Month + 3.3800%, 5.0000% ^{‡,µ}	2,000,000	1,953,750
Mitsubishi UFJ Financial Group Inc,	, ,	, ,
US Treasury Yield Curve Rate 1 Year + 1.7000%, 4.7880%, 7/18/25 [‡]	4,950,000	4,878,933
Morgan Stanley, SOFR + 1.9900%, 2.1880%, 4/28/26 [‡]	8,296,000	7,787,521
Morgan Stanley, 4.3500%, 9/8/26	3,985,000	3,848,481
Morgan Stanley, SOFR + 1.2950%, 5.0500%, 1/28/27 [‡]	2,202,000	2,183,653
Morgan Stanley, SOFR + 0.8790%, 1.5930%, 5/4/27 [‡]	3,223,000	2,885,288
Morgan Stanley, CME Term SOFR 3 Month + 1.4016%, 3.7720%, 1/24/29‡	730,000	681,510
Morgan Stanley, SOFR + 1.7300%, 5.1230%, 2/1/29 [‡]	4,943,000	4,874,969
Morgan Stanley, SOFR + 1.5900%, 5.1640%, 4/20/29 [‡]	6,890,000	6,805,844
Morgan Stanley, SOFR + 1.2900%, 2.9430%, 1/21/33 [‡]	5,523,000	4,590,870
Morgan Stanley, SOFR + 1.8700%, 5.2500%, 4/21/34 [‡]	2,189,000	2,161,524
Morgan Stanley,	1 000 000	1 050 000
US Treasury Yield Curve Rate 5 Year + 2.4300%, 5.9480%, 1/19/38 [‡]	1,883,000	1,858,600
National Australia Bank Ltd, 2.9900%, 5/21/31 (144A)	8,080,000 9,960,000	6,441,099
Nordea Bank Abp, 5.3750%, 9/22/27 (144A) PNC Financial Services Group Inc/The, SOFR + 1.8410%, 5.5820%, 6/12/29‡	11,066,000	9,830,980 11,013,923
PNC Financial Services Group Inc/The, SOFR + 2.1400%, 6.0370%, 10/28/33 [‡]	3,045,000	3,116,169
PNC Financial Services Group Inc/The, SOFR + 1.9330%, 5.0680%, 1/24/34 [‡]	4,710,000	4,516,702
Royal Bank of Canada, 5.0000%, 5/2/33	10,949,000	10,684,254
State Street Corp, SOFR + 1.5670%, 4.8210%, 1/26/34 [‡]	2,215,000	2,150,695
Sumitomo Mitsui Financial Group Inc, 5.7100%, 1/13/30	9,218,000	9,328,403
Truist Financial Corp, SOFR + 2.0500%, 6.0470%, 6/8/27 [‡]	4,253,000	4,254,766
Truist Financial Corp, SOFR + 2.3610%, 5.8670%, 6/8/34 [‡]	4,943,000	4,945,034
US Bancorp, SOFR + 2.0200%, 5.7750%, 6/12/29 [‡]	8,295,000	8,292,520
US Bancorp, SOFR + 2.1100%, 4.9670%, 7/22/33 [‡]	1,769,000	1,602,673
US Bancorp,		
US Treasury Yield Curve Rate 5 Year + 0.9500%, 2.4910%, 11/3/36 [‡]	6,449,000	4,717,357
Westpac Banking Corp,		
US Treasury Yield Curve Rate 5 Year + 1.7500%, 2.6680%, 11/15/35‡	5,490,000	4,212,951
		249,897,466
Brokerage – 0.2%	1 580 000	. == . 222
Nasdaq Inc, 5.3500%, 6/28/28	1,572,000	1,574,268
Nasdaq Inc, 5.5500%, 2/15/34	10,515,000	10,556,355
Nasdaq Inc, 5.9500%, 8/15/53 Nasdaq Inc, 6.1000%, 6/28/63	4,964,000 2,108,000	5,082,591
Masuay IIIC, 0.100070, 0/20/00	∠,1∪0,∪∪∪	2,155,541 19,368,755
		19,300,700

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited)

June 30, 2023

	Shares or	
	Principal Amounts	Value
Corporate Bonds- (continued) Capital Goods - 0.2%		
General Dynamics Corp, 3.5000%, 4/1/27	\$2,033,000	\$1,940,076
Lockheed Martin Corp, 4.4500%, 5/15/28	2,938,000	2,896,035
Lockheed Martin Corp, 4.7500%, 2/15/34	4,421,000	4,410,327
Regal Rexnord Corp, 6.0500%, 4/15/28 (144A)	5,593,000	5,552,214
Communications – 0.2%		14,798,652
AT&T Inc, 5.4000%, 2/15/34	7,795,000	7,808,391
AT&T Inc, 3.6500%, 9/15/59	604,000	420,516
Comcast Corp, 4.5500%, 1/15/29	4,722,000	4,636,985
Comcast Corp, 4.8000%, 5/15/33	3,527,000	3,489,736
Fox Corp, 4.0300%, 1/25/24	2,592,000	2,566,031
Consumer Cyclical – 0.5%		18,921,659
CBRE Services Inc, 5.9500%, 8/15/34	13,470,000	13,300,612
GLP Capital LP / GLP Financing II Inc, 5.3750%, 4/15/26	2,597,000	2,542,240
GLP Capital LP / GLP Financing II Inc, 5.3000%, 1/15/29	344,000	327,541
LKQ Corp, 5.7500%, 6/15/28 (144A)	6,947,000	6,924,403
LKQ Corp, 6.2500%, 6/15/33 (144A)	6,533,000	6,582,251
Lowe's Cos Inc, 5.1500%, 7/1/33	7,299,000	7,296,357
Consumer Non-Cyclical – 1.7%		36,973,404
Albertsons Cos Inc / Safeway Inc / New Albertsons LP / Albertsons LLC,		
6.5000%, 2/15/28 (144A)	4,757,000	4,764,897
Amgen Inc, 5.1500%, 3/2/28	5,843,000	5,837,739
Amgen Inc, 5.2500%, 3/2/30	4,659,000	4,668,296
Amgen Inc, 5.2500%, 3/2/33	3,014,000 1,899,000	3,017,844
CSL Finance Ltd, 3.8500%, 4/27/27 (144A) CSL Finance Ltd, 4.0500%, 4/27/29 (144A)	4,016,000	1,812,361 3,810,478
CVS Health Corp, 5.0500%, 3/25/48	2,563,000	2,362,427
Diageo Capital PLC, 1.3750%, 9/29/25	3,173,000	2,918,608
Diageo Capital PLC, 2.1250%, 4/29/32	2,398,000	1,948,325
GE HealthCare Technologies Inc, 5.6500%, 11/15/27	7,343,000	7,432,967
GE HealthCare Technologies Inc, 5.8570%, 3/15/30	8,769,000	8,999,903
GE HealthCare Technologies Inc, 5.9050%, 11/22/32 GSK Consumer Healthcare Capital US LLC, 3.3750%, 3/24/27	7,439,000 3,423,000	7,782,513 3,203,183
GSK Consumer Healthcare Capital US LLC, 3.3750%, 3/24/29	1,746,000	1,586,453
Hasbro Inc, 3.9000%, 11/19/29	14,522,000	13,122,664
Hasbro Inc, 5.1000%, 5/15/44	1,750,000	1,539,517
HCA Inc, 5.8750%, 2/15/26	1,152,000	1,152,729
HCA Inc, 5.3750%, 9/1/26	883,000 1,886,000	876,062
HCA Inc, 5.2000%, 6/1/28 HCA Inc, 5.6250%, 9/1/28	2,351,000	1,870,662 2,352,797
HCA Inc, 5.8750%, 2/1/29	1,902,000	1,914,345
HCA Inc, 3.6250%, 3/15/32 (144A)	3,617,000	3,139,586
HCA Inc, 5.5000%, 6/1/33	6,170,000	6,159,520
HCA Inc, 5.9000%, 6/1/53	3,675,000	3,640,632
Illumina Inc, 5.8000%, 12/12/25	3,833,000	3,842,592
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc, 5.5000%, 1/15/30 (144A)	5,277,000	5,062,226
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc,	5,211,000	0,002,220
3.6250%, 1/15/32 (144A)	2,646,000	2,147,070
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc,		
3.0000%, 5/15/32 (144A)	4,058,000	3,114,313
Mondelez International Inc, 2.7500%, 4/13/30	331,000 7,708,000	290,567
Pfizer Investment Enterprises Pte Ltd, 4.4500%, 5/19/28 Pfizer Investment Enterprises Pte Ltd, 4.6500%, 5/19/30	7,708,000 4,321,000	7,576,126 4,269,423
Pfizer Investment Enterprises Pte Ltd, 4.0500%, 5/19/33	5,602,000	5,580,893
Pilgrim's Pride Corp, 6.2500%, 7/1/33	7,777,000	7,532,740

Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Corporate Bonds- (continued) Consumer Non-Cyclical- (continued) Royalty Pharma PLC, 3.5500%, 9/2/50	\$3,923,000	\$2,648,928 137,979,386
Electric – 0.5% American Electric Power Co Inc, 5.6250%, 3/1/33 Duke Energy Corp, 4.3000%, 3/15/28 Duquesne Light Holdings Inc, 2.7750%, 1/7/32 (144A) Exelon Corp, 5.1500%, 3/15/28 Exelon Corp, 5.3000%, 3/15/33 Georgia Power Co, 4.6500%, 5/16/28 Georgia Power Co, 4.9500%, 5/17/33 National Grid PLC, 5.6020%, 6/12/28 National Grid PLC, 5.8090%, 6/12/33	7,210,000 4,905,000 4,842,000 3,482,000 5,577,000 3,719,000 5,879,000 2,632,000 5,522,000	7,330,113 4,711,743 3,775,682 3,466,159 5,559,185 3,643,817 5,803,145 2,643,025 5,619,123 42,551,992
Energy – 0.3% Enbridge Inc, 5.7000%, 3/8/33 Energy Transfer LP, 5.5500%, 2/15/28 Energy Transfer Operating LP, 4.9500%, 6/15/28 EOT Corp, 5.7000%, 4/1/28 Hess Midstream Operations LP, 5.1250%, 6/15/28 (144A) Kinder Morgan Inc, 5.2000%, 6/1/33 Southwestern Energy Co, 4.7500%, 2/1/32	3,868,000 4,769,000 184,000 2,465,000 3,621,000 7,143,000 3,664,000	3,921,113 4,755,603 178,475 2,432,875 3,388,861 6,922,119 3,229,217 24,828,263
Finance Companies – 0.3% AerCap Ireland Capital DAC / AerCap Global Aviation Trust, 4.6250%, 10/15/27 Air Lease Corp, 1.8750%, 8/15/26 Ares Capital Corp, 2.8750%, 6/15/27 OWL Rock Core Income Corp, 4.7000%, 2/8/27 OWL Rock Core Income Corp, 7.7500%, 9/16/27 (144A) OWL Rock Core Income Corp, 7.9500%, 6/13/28 (144A) Quicken Loans LLC, 3.8750%, 3/1/31 (144A) Rocket Mortgage LLC / Rocket Mortgage Co-Issuer Inc, 2.8750%, 10/15/26 (144A)	3,328,000 4,823,000 3,532,000 877,000 5,212,000 3,788,000 3,792,000 4,001,000	3,153,307 4,283,157 3,060,259 795,809 5,185,619 3,795,432 3,074,772 3,540,885 26,889,240
Government Sponsored – 0.2% Electricite de France SA, 5.7000%, 5/23/28 (144A) Electricite de France SA, 6.2500%, 5/23/33 (144A) Electricite de France SA, 6.9000%, 5/23/53 (144A)	3,030,000 4,750,000 4,560,000	3,025,425 4,828,751 4,725,183 12,579,359
Insurance – 0.7% Athene Global Funding, 2.7170%, 1/7/29 (144A) Athene Global Funding, 2.6460%, 10/4/31 (144A) Brown & Brown Inc, 4.2000%, 3/17/32 Brown & Brown Inc, 4.9500%, 3/17/52 Centene Corp, 4.2500%, 12/15/27 Centene Corp, 2.4500%, 7/15/28 Centene Corp, 3.0000%, 10/15/30 Elevance Health Inc, 4.7500%, 2/15/33 Prudential Financial Inc, US Treasury Yield Curve Rate 5 Year + 3.0350%, 3.7000%, 10/1/50‡	6,386,000 5,823,000 1,924,000 5,658,000 16,441,000 4,942,000 5,197,000 6,506,000	5,200,499 4,407,950 1,727,803 4,842,609 15,371,595 4,224,204 4,330,645 6,318,987 3,973,399
UnitedHealth Group Inc, 5.2500%, 2/15/28 Real Estate Investment Trusts (REITs) – 0.3% Agree LP, 2.0000%, 6/15/28 Agree LP, 2.9000%, 10/1/30 Agree LP, 2.6000%, 6/15/33 American Tower Trust I, 5.4900%, 3/15/28 (144A) Invitation Homes Inc, 2.0000%, 8/15/31	3,234,000 3,231,000 2,058,000 2,424,000 11,317,000 5,620,000	3,297,146 53,694,837 2,688,546 1,714,586 1,863,166 11,292,200 4,305,542

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited) June 30, 2023

	Charac ar	
	Shares or Principal Amounts	Value
Corporate Bonds- (continued)	- F	
Real Estate Investment Trusts (REITs)- (continued)		
Sun Communities Operating LP, 2.7000%, 7/15/31	\$6,161,000	\$4,868,192
Technology – 1.4%		26,732,232
Analog Devices Inc, 2.9500%, 4/1/25	2,815,000	2,705,230
Broadcom Inc, 2.6000%, 2/15/33 (144A)	3,961,000	3,095,495
Broadcom Inc, 3.4690%, 4/15/34 (144A)	6,401,000	5,250,796
Broadcom Inc, 3.1370%, 11/15/35 (144A) CoStar Group Inc, 2.8000%, 7/15/30 (144A)	7,960,000 3,797,000	6,105,679 3,131,774
Equinix Inc, 2.1500%, 7/15/30	2,665,000	2,153,721
Fiserv Inc, 5.4500%, 3/2/28	6,013,000	6,042,359
Foundry JV Holdco LLC, 5.8750%, 1/25/34 (144A)	10,765,000	10,722,444
Global Payments Inc, 2.1500%, 1/15/27	3,318,000	2,949,210
Leidos Inc, 2.3000%, 2/15/31 Leidos Inc, 5.7500%, 3/15/33	1,365,000 4,558,000	1,075,550 4,528,117
Marvell Technology Inc, 1.6500%, 4/15/26	3,675,000	3,310,022
Marvell Technology Inc, 4.8750%, 6/22/28	4,065,000	3,944,417
Microchip Technology Inc, 2.6700%, 9/1/23	6,452,000	6,425,403
Micron Technology Inc, 6.7500%, 11/1/29 Micron Technology Inc, 5.8750%, 9/15/33	3,372,000 3,700,000	3,505,165 3,666,452
MSCI Inc, 4.0000%, 11/15/29 (144A)	422,000	381,919
MSCI Inc, 3.6250%, 9/1/30 (144A)	8,577,000	7,396,707
MSCI Inc, 3.8750%, 2/15/31 (144A)	6,019,000	5,215,619
Total System Services Inc, 4.8000%, 4/1/26	3,189,000	3,113,069
Trimble Inc, 4.7500%, 12/1/24	5,510,000 2,548,000	5,407,927 2,486,811
Trimble Inc, 4.9000%, 6/15/28 Trimble Inc, 6.1000%, 3/15/33	11,743,000	11,898,361
Workday Inc, 3.5000%, 4/1/27	2,530,000	2,398,057
Workday Inc, 3.8000%, 4/1/32	4,129,000	3,717,225
T 11' 040'		110,627,529
Transportation – 0.1% GXO Logistics Inc, 1.6500%, 7/15/26	4,255,000	3,699,879
GXO Logistics Inc, 2.6500%, 7/15/31	647,000	503,133
		4,203,012
Total Corporate Bonds (cost \$820,743,279)		780,045,786
Mortgage-Backed Securities- 11.9%		
Fannie Mae: 3.0000%, TBA, 15 Year Maturity	15,458,791	14,425,587
3.5000%, TBA, 15 Year Maturity	26,592,000	25,288,965
4.0000%, TBA, 15 Year Maturity	26,115,000	25,215,155
4.5000%, TBA, 30 Year Maturity	24,474,729	23,541,214
5.0000%, TBA, 30 Year Maturity	14,049,274	13,766,518
5.5000%, TBA, 30 Year Maturity 6.0000%, TBA, 30 Year Maturity	11,564,390 15,527,000	11,508,384 15,656,650
0.0000 /g 12/ g 00 10al Matanty	10,021,000	129,402,473
Fannie Mae Pool:		
3.0000%, 10/1/34	280,123	262,640
2.5000%, 11/1/34 3.0000%, 11/1/34	215,710 129,256	197,862 121,189
3.0000%, 12/1/34	133,515	125,182
2.5000%, 12/1/36	13,438,129	12,329,938
6.0000%, 2/1/37	53,478	56,128
4.5000%, 11/1/42	291,551	287,463
3.0000%, 1/1/43 3.0000%, 2/1/43	172,288 41,273	155,755 37,313
3.0000%, 5/1/43	404,135	365,319
5.0000%, 7/1/44	32,192	32,390
4.5000%, 10/1/44	725,962	716,943
4.5000%, 3/1/45	1,100,697	1,087,023

Schedule of Investments (unaudited) June 30, 2023

Mortgage-Backed Securities - (continued) Famile Mae Pool - (continued) Famile Mae Pool - (continued) 4.0000% 61/45 \$233.659 \$223,934 4.0000% 61/45 \$55.251 5.50.201 3.0000% 12/146 \$8.200 6.10.25 3.0000% 12/146 \$8.200 6.10.25 3.0000% 21/46 \$8.200 6.10.25 3.0000% 21/47 \$1.258.73 3.0000% 21/47 \$1.258.73 3.0000% 21/47 \$1.258.73 3.0000% 21/47 \$3.5000% 21/48 \$3.50000% 21/48 \$3.50000% 21/48 \$3.50000% 21/48 \$3.50000% 21/48 \$3.50000% 21/48 \$3.50		Shares or	
Faminis Mae Pool- (continued) 4,0000%, 61/145 \$23,3659 \$223,934 4,5000%, 61/145 \$558,541 \$51,201 \$30,000%, 11/146 \$8,200 \$1,205,300,300%, 11/146 \$8,200 \$1,205,300,300%, 11/146 \$8,200 \$1,205,300,300%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/146 \$1,205,000%, 11/147 \$1,205,000%, 11/147 \$1,205,000%, 11/147 \$1,205,000%, 11/147 \$1,205,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/147 \$1,207,000%, 11/148 \$1,205,000%, 11/148		Principal Amounts	Value
4000% 61/45			
45000%, 61/45 45000%, 61/46 45000%, 61/46 45000%, 21/46 45000%, 21/46 45000%, 21/46 45000%, 21/47 45000%, 21/48 45	· · · · · · · · · · · · · · · · · · ·	\$233,659	\$223,934
35000% 12/1/45 30000% 21/146 30000% 21/146 30000% 21/146 1,280,608 1,262,683 30000% 21/147 1,281,600 30000% 21/147 1,281,600 30000% 21/147 1,281,600 30000% 21/147 1,281,600 30000% 21/147 1,281,600 30000% 21/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 3,2000% 31/147 1,281,600 3,2000% 31/147 1,281,600 3,2000% 31/147 1,281,600 3,2000% 31/147 1,281,600 3,2000% 31/148 1,281,600 3,2000% 31/148 1,281,600 3,2000% 31/148 1,281,600 3,2000% 31/148 1,2000% 31		•	
30000%, 1/1/46 \$000%, 2/1/47 \$1,280,608 \$1,282,663 \$35,000%, 7/1/46 \$1,280,608 \$1,282,663 \$35,000%, 7/1/46 \$1,280,608 \$1,282,663 \$35,000%, 7/1/47 \$1,356,471 \$1,356,471 \$36,0217 \$30,000%, 3/1/47 \$35,000%, 3/1/47 \$35,000%, 3/1/47 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$35,000%, 3/1/47 \$21,693 \$22,279 \$35,000%, 3/1/48 \$21,177 \$21,772 \$21,693 \$35,000%, 3/1/48 \$25,1119 \$24,000%, 1/1/48 \$25,1119 \$24,000%, 1/1/48 \$25,1119 \$24,000%, 1/1/48 \$25,1119 \$24,000%, 1/1/48 \$25,1119 \$24,000%, 1/1/48 \$25,1119 \$24,000%, 3/1/48 \$25,1119 \$24,000%, 3/1/48 \$25,000%,	•	•	
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30000%, 21/147 30000%, 31/147 3156471 3156471 315000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 315,000%, 31/147 318,000%, 31/147 318,000%, 31/148 315,000%, 31/148 315,000%, 31/148 325,000%, 31	·	•	
30000%, 31/47 35000%, 71/47 35000%, 71/47 35000%, 71/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 81/47 35000%, 11/48 35000%, 12/1/47 35000%, 11/48 35000%, 12/1/47 35000%, 11/48 35000%, 11/49 35000%, 11/4	3.5000%, 7/1/46	761,694	707,027
3500%, 31/147 356,217 30,00%, 81/147 35000%, 81/147 35000%, 81/147 35000%, 81/147 35000%, 81/147 35000%, 81/147 35000%, 81/147 1,327,407 1,263,687 4,0000%, 11/148 1,327,407 1,1752 6,6886 35000%, 12/147 117,472 117,452 19,457 35000%, 12/147 117,472 6,6886 35000%, 12/147 117,472 6,6886 35000%, 11/148 70,1643 4,94500 4,0000%, 11/148 2,541,119 2,420,715 4,0000%, 21/148 3,000%, 21/148 3,000%, 21/148 3,000%, 21/148 3,000%, 31/149 3,000%, 31/14	3.0000%, 2/1/47	12,527,251	11,324,040
35000%, 71/47 315,253 329,410 35000%, 81/47 251,695 232,279 350000%, 81/47 35000%, 81/47 36000%, 10/147 1,327,407 1,283,697 40000%, 11/147 1,387,018 1,758,389 40000%, 12/147 1,17,72 66,886 35000%, 12/147 7,1772 66,886 40,000%, 11/148 254,555 249,066 40,000%, 11/148 254,555 249,066 40,000%, 11/148 254,555 249,066 40,000%, 11/148 1,103,401 1,050,442 30,000%, 21/148 1,103,401 1,050,442 3,000%, 21/148 1,103,401 1,15,157 1,725,1 4,000%, 31/148 1,15,157 1,725,1 4,000%, 31/148 2,531,119 2,200,755 3,500%, 31/148 1,15,157 1,725,1 4,000%, 31/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3755 2,000%, 51/148 2,3000%, 71/148 2,3000%, 71/148 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/149 2,3000%, 51/150 2,3000%, 51/160 2,3000%, 51/160		1,358,471	1,218,325
35000%, 8/1/47			
\$5009%, 87/47 \$4000%, 107/47 \$1,327,407 \$1,327,407 \$1,263,697 \$40000%, 117/47 \$1,477 \$	·		
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3.5000%, 12/1/47 3.5000%, 12/1/47 3.5000%, 12/1/47 3.5000%, 11/148 3.5000%, 11/148 4.0000%, 11/148 4.0000%, 11/148 4.0000%, 11/148 4.0000%, 11/148 4.0000%, 11/148 4.0000%, 11/148 4.0000%, 32/149 4.0000%, 32	·	·	
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4.0000%, 3/1/50 1,216,013 1,156,861 4.0000%, 4/1/50 527,040 499,830 4.5000%, 7/1/50 5,092,888 4,909,174 2.5000%, 8/1/50 22,571,846 19,418,246 2.5000%, 8/1/50 664,776 572,750 4.0000%, 8/1/50 714,413 677,529 4.0000%, 9/1/50 6,207,806 5,886,921			5,647,089
4.0000%, 4/1/50 527,040 499,830 4.5000%, 7/1/50 5,092,888 4,909,174 2.5000%, 8/1/50 22,571,846 19,418,246 2.5000%, 8/1/50 664,776 572,750 4.0000%, 8/1/50 714,413 677,529 4.0000%, 9/1/50 6,207,806 5,886,921			
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2.5000%, 8/1/50 22,571,846 19,418,246 2.5000%, 8/1/50 664,776 572,750 4.0000%, 8/1/50 714,413 677,529 4.0000%, 9/1/50 6,207,806 5,886,921		•	
2.5000%, 8/1/50 664,776 572,750 4.0000%, 8/1/50 714,413 677,529 4.0000%, 9/1/50 6,207,806 5,886,921	·	·	
4.0000%, 8/1/50 714,413 677,529 4.0000%, 9/1/50 6,207,806 5,886,921		·	
4.0000%, 9/1/50 6,207,806 5,886,921			
		•	
	4.0000%, 10/1/50	6,477,880	6,181,175

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited)

June 30, 2023

	Shares or	
	Principal Amounts	Value
Mortgage-Backed Securities- (continued)		
Fannie Mae Pool- (continued)	4004000	40.054.540
4.5000%, 10/1/50	\$3,949,809	\$3,854,748
3.5000%, 2/1/51	4,750,059	4,369,007
4.0000%, 3/1/51 4.0000%, 3/1/51	16,597,829 320,983	15,739,878 304,392
4.0000%, 3/1/51	159,496	151,737
4.0000%, 10/1/51	17,465,695	16,562,883
4.0000%, 10/1/51	2,345,660	2,224,411
3.0000%, 12/1/51	51,023,857	45,182,572
2.5000%, 1/1/52	4,101,070	3,508,069
3.5000%, 1/1/52	2,146,102	1,985,327
2.5000%, 2/1/52	20,200,452	17,259,191
3.5000%, 2/1/52	5,575,510	5,156,096
2.5000%, 3/1/52	8,343,751	7,123,008
2.5000%, 3/1/52 2.5000%, 3/1/52	8,182,063 3,042,829	6,990,725 2,600,175
2.5000%, 3/1/52	726,800	620,071
2.5000%, 3/1/52	663,446	566,380
2.5000%, 3/1/52	569,965	486,976
2.5000%, 3/1/52	238,431	203,742
3.0000%, 3/1/52	3,904,238	3,465,255
3.5000%, 3/1/52	19,979,328	18,445,167
3.5000%, 3/1/52	5,810,467	5,350,184
3.5000%, 3/1/52	3,947,568	3,648,676
3.0000%, 4/1/52	8,581,999	7,615,781
3.0000%, 4/1/52	3,373,976	3,001,970
3.0000%, 4/1/52 3.5000%, 4/1/52	2,840,849 2,871,172	2,520,860
3.5000%, 4/1/52	2,200,782	2,631,954 2,031,790
3.5000%, 4/1/52	1,615,303	1,479,459
3.5000%, 4/1/52	959,317	879,390
3.5000%, 4/1/52	569,220	521,419
3.5000%, 4/1/52	466,801	427,544
4.0000%, 4/1/52	2,471,374	2,347,634
4.5000%, 4/1/52	458,996	441,241
4.5000%, 4/1/52	388,188	373,172
4.5000%, 4/1/52	222,582	213,972
4.5000%, 4/1/52 4.5000%, 4/1/52	202,081 176,707	194,264
4.5000%, 4/1/52	113,783	169,871 109,362
3.5000%, 5/1/52	2,733,637	2,515,393
3.5000%, 5/1/52	1,638,477	1,501,711
4.5000%, 5/1/52	615,869	592,046
3.5000%, 6/1/52	9,309,246	8,585,752
3.5000%, 6/1/52	5,459,116	5,040,697
4.0000%, 6/1/52	1,860,023	1,747,345
4.0000%, 6/1/52	523,781	492,050
3.5000%, 7/1/52	12,030,397	11,066,201
3.5000%, 7/1/52	1,353,702	1,248,495
3.5000%, 7/1/52 4.0000%, 7/1/52	496,211 835,238	458,024 784,640
4.5000%, 7/1/52	2,485,137	2,391,571
3.5000%, 8/1/52	2,433,905	2,238,081
3.5000%, 8/1/52	892,688	823,033
4.5000%, 8/1/52	9,430,534	9,075,471
3.5000%, 9/1/52	4,443,202	4,088,473
5.0000%, 9/1/52	4,591,356	4,497,764
5.5000%, 9/1/52	11,694,607	11,659,330
5.0000%, 10/1/52	2,006,171	1,981,937
5.0000%, 10/1/52	882,047	871,392

Schedule of Investments (unaudited) June 30, 2023

Mortgage-Backed Securities - (continued)		Shares or Principal Amounts	Value
5.500%, 10/1/52 \$305,336 \$307,799 \$4.500%, 11/1/52 \$4.500%, 11/1/52 \$4.936,036 \$4.876,410 \$5.000%, 11/1/52 \$4.936,036 \$4.876,410 \$5.000%, 11/1/52 \$3,074,546 \$2,967,263 \$5.000%, 11/1/53 \$3,813,248 \$754,109 \$5.000%, 31/1/53 \$1,065,320 \$1,043,682 \$5.000%, 31/1/53 \$1,094,818 \$1,366,487 \$5.000%, 41/1/53 \$1,394,818 \$1,366,487 \$5.000%, 41/1/53 \$277,638 \$271,9	Mortgage-Backed Securities- (continued)	,	
45000%, 11/1/52	· · · · · · · · · · · · · · · · · · ·	****	
5000%, 11/1/52	·		
5.5000%, 11/1/52			
45000%, 1/17/52 5,000%, 1/17/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 3/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 4/1/53 5,000%, 5/1/44 5,000%, 5/1/44 5,00	•		
5.000%, 3/1/53	·		
55000%, 371/53 202,531 202,849 50000%, 471/53 1,394,818 1,366,87 5,0000%, 471/53 277,638 271,998 5,0000%, 471/53 95,512 96,64 5,5000%, 571/53 181,321 181,605 5,0000%, 571/53 93,620 93,767 5,0000%, 671/53 403,303 396,721 3,5000%, 671/57 2,856,201 2,614,909 3,0000%, 671/57 2,836,987 2,499,556 3,0000%, 671/57 2,836,987 2,499,556 3,5000%, 671/57 23,921 24,384 4,0000%, 871/47 23,921 24,384 4,0000%, 871/48 806,077 767,729 4,0000%, 871/48 806,077 767,729 4,0000%, 871/48 806,077 767,729 3,0000%, 871/48 806,077 767,729 3,0000%, 871/48 806,077 767,729 3,0000%, 871/48 806,077 767,729 3,0000%, 871/48 806,077 767,729 3,0000%, 871/49 2,859,585 2,714,783 </td <td></td> <td></td> <td>3,754,109</td>			3,754,109
5.0000%, 4/1/53 5.0000%, 4/1/53 5.0000%, 4/1/53 5.0000%, 4/1/53 5.0000%, 4/1/53 5.0000%, 4/1/53 5.0000%, 5/1/53 5.0000%, 5/1/53 5.0000%, 5/1/53 5.0000%, 5/1/53 5.0000%, 5/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/53 5.0000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.000000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.000000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.00000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.000000%, 6/1/57 5.00000000000000000000000000000000000		, ,	
5.0000%, 4/1/53 330,865 324,145 5.0000%, 4/1/53 277,638 271,998 5.5000%, 5/1/53 181,321 181,605 5.5000%, 5/1/53 93,620 93,767 5.0000%, 6/1/53 403,303 396,721 3.5000%, 8/1/56 2,856,201 2,614,909 3.0000%, 6/1/57 2,386,937 2,499,556 3.0000%, 6/1/57 51,003 437,415,405 Freddie Mac Gold Pool: 3.5000%, 1/1/47 239,921 224,384 4.0000%, 8/1/48 806,077 767,729 4.0000%, 8/1/48 549,254 523,124 Freddie Mac Pool: 3.0000%, 9/1/31 2,859,585 2,714,783 3.0000%, 9/1/32 616,597 581,714 3.0000%, 9/1/32 303,172 286,021 3.0000%, 10/1/33 384,148 362,415 2.5000%, 11/1/34 399,104 287,978 2.5000%, 10/1/34 399,104 289,798 2.5000%, 11/1/34 399,104 289,798 2.5000%, 11/1/34 <td< td=""><td></td><td>·</td><td></td></td<>		·	
5.0000%, 4/1/53 277.688 271.998 5.5000%, 5/1/53 181.921 181.605 5.5000%, 5/1/53 93.620 93.767 5.0000%, 6/1/53 403.303 396,721 3.5000%, 8/1/56 2,856,201 2,614,909 3.0000%, 6/1/57 2,836,987 2,499,556 3.0000%, 6/1/57 51,003 44,930 Freddie Mac Gold Pool: 3.5000%, 1/1/47 239,921 224,384 4.0000%, 8/1/48 806,077 767,729 4.0000%, 8/1/38 96,077 767,729 4.0000%, 8/1/39 1,515,237 5.0000%, 5/1/31 2,859,885 2,714,783 3.0000%, 5/1/32 36,559 581,714 3.0000%, 10/1/32 30,3172 286,021 3.0000%, 10/1/34 2,920,612 2,707,507 3.0000%, 10/1/34 39,104 289,798 2.5000%, 11/1/34 309,104 289,798 2.5000%, 11/1/34 309,104 289,798 2.5000%, 11/1/34 31,006 674,191 3.5000%, 8/1/42			
5.5000%, 4/1/53	·		
55000%, 5/1/53 93,6/2 93,76/7 50000%, 6/1/53 403,303 396,721 35000%, 8/1/56 2,856,201 2,614,909 30000%, 2/1/57 2,836,987 2,499,556 30000%, 6/1/57 51,003 43,7415,405 51,003 437,415,405 51,003 437,415,405 51,003 43,7415,405 51,003 43,7415,405 51,003		·	
5.000%, 6/1/53 403,303 396,721 2,614,909 3.000%, 2/1/57 2,836,987 2,499,556 3.000%, 2/1/57 51,003 44,930 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 437,415,405 51,003 51,0			
3.5000%, 8/1/56 3.0000%, 2/1/57 3.0000%, 6/1/57 3.0000%, 6/1/57 5.003 439,556 3.0000%, 1/1/47 5.003 437,415,405 Freddie Mac Gold Pool: 3.5000%, 1/1/47 239,921 249,884 4.0000%, 8/1/48 806,077 767,729 4.0000%, 9/1/48 806,077 767,729 4.0000%, 9/1/31 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 1/1/32 3.0000%, 5/1/32 3.0000%, 1/1/33 3.0000%, 1/1/33 3.0000%, 1/1/33 3.0000%, 1/1/34 3.0000%, 1/1/40 3.0000%, 1/1/40 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/43 3.0000%, 1/1/44 3.0000%, 3/1/42 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 1/1/44 3.0000%, 3/1/44 3.00000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/45 3.0000%, 3/1/46 3.0000%, 3/1/46 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47	·	·	
3,0000%, 2/1/57 3,0000%, 6/1/57 3,0000%, 6/1/57 3,0000%, 6/1/57 3,0000%, 6/1/57 5,003 3,0000%, 6/1/57 3,0000%, 6/1/47 3,0000%, 8/1/48 4,0000%, 8/1/48 4,0000%, 8/1/48 4,0000%, 8/1/48 4,0000%, 9/1/48 3,0000%, 9/1/48 3,0000%, 9/1/32 3,0000%, 5/1/31 3,0000%, 5/1/31 3,0000%, 9/1/32 3,0000%, 9/1/32 3,0000%, 9/1/32 3,0000%, 9/1/32 3,0000%, 10/1/32 3,0000%, 10/1/33 3,0000%, 10/1/33 3,0000%, 10/1/34 3,0000%, 11/1/34 3,0	·	·	
3.0000%, 6/1/57 Freddie Mac Gold Pool: 3.5000%, 1/1/47 239,921 24,384 4,0000%, 8/1/48 806,077 767,729 4,0000%, 8/1/48 806,077 767,729 4,0000%, 8/1/48 549,254 523,124 Freddie Mac Pool: 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 1/1/32 616,597 581,714 3.0000%, 1/1/33 3.00172 2.860,21 3.0000%, 1/1/33 3.84,148 3.62,415 2.5000%, 1/1/33 3.0000%, 1/1/34 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/44 3.0000%, 1/1/44 461,254 430,002 4,5000%, 2/1/44 461,254 430,002 4,5000%, 2/1/44 461,254 430,002 4,5000%, 2/1/44 461,254 430,002 4,5000%, 1/1/46 3.0000%, 1/1/47 3.0000%, 1/1/47 3.25,5000%, 1/1/47			
Freddie Mac Gold Pool: 3.5000%, 1/1/47 4.000%, 8/1/48 4.000%, 8/1/48 4.000%, 9/1/48 806,077 767,729 4.000%, 9/1/48 549,254 523,124 1,515,237 Freddie Mac Pool: 3.0000%, 5/1/31 3.0000%, 5/1/31 3.0000%, 5/1/32 3.0000%, 1/1/32 3.0000%, 1/1/33 3.0000%, 1/1/33 3.0000%, 1/1/33 3.0000%, 1/1/33 3.0000%, 1/1/34 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/44 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 1/1/47 3.0000%, 1/1/47			
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4,0000%, 8/1/48 4,0000%, 9/1/48 549,254 523,124 1,515,237 Freddie Mac Pool: 3,0000%, 5/1/31 2,859,585 3,0000%, 5/1/32 616,597 581,714 3,0000%, 10/1/32 303,172 2,860,21 3,0000%, 10/1/33 304,148 362,415 2,5000%, 10/1/34 30000%, 10/1/34 30000%, 10/1/34 30000%, 10/1/34 30000%, 10/1/34 309,104 289,798 2,5000%, 11/1/34 309,104 289,798 2,5000%, 11/1/34 25,000%, 11/1/34 25,000%, 11/1/34 21,290 20,2984 6,0000%, 4/1/40 389,305 883,171 3,5000%, 8/1/42 140,336 131,101 3,5000%, 8/1/42 144,194 3,5000%, 8/1/42 144,194 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/43 3,5000%, 8/1/44 4			
4.0000%, 9/1/48 Freddie Mac Pool: 3.0000%, 5/1/31 2.859,585 2.714,783 3.0000%, 9/1/32 3.0000%, 1/1/32 3.0000%, 1/1/32 3.0000%, 1/1/32 3.0000%, 1/1/33 2.5000%, 1/1/33 3.0000%, 1/1/34 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/42 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/43 3.0000%, 1/1/44 3.0000%, 1/1/44 3.0000%, 1/1/44 3.0000%, 1/1/44 3.0000%, 1/1/45 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47	·	,	
1,515,237	·	,	
Freddie Mac Pool: 3.0000%, 5/1/31 2,859,585 2,714,783 3,0000%, 9/1/32 616,597 581,714 3,0000%, 10/1/32 303,172 286,021 3,0000%, 11/1/33 384,148 362,415 2,5000%, 12/1/33 2,920,512 2,707,507 3,0000%, 10/1/34 7719,106 674,191 3,0000%, 10/1/34 309,104 289,798 2,5000%, 11/1/34 875,464 803,043 2,5000%, 11/1/34 875,464 803,043 2,5000%, 11/1/34 875,464 803,043 2,5000%, 11/1/34 875,464 803,043 2,5000%, 11/1/34 14,194 3,5000%, 8/1/42 156,739 146,425 3,5000%, 8/1/42 156,739 146,425 3,5000%, 8/1/42 156,739 146,425 3,5000%, 8/1/42 156,639 1,313,030 3,0000%, 3/1/43 3,0000%, 3/1/43 3,0000%, 3/1/43 3,0000%, 3/1/43 4,101 3,0000%, 3/1/43 3,0000%, 3/1/43 3,0000%, 12/1/44 4,194	4.0000 /0, 07 17 40	040,204	
3.0000%, 9/1/32	Freddie Mac Pool:		.,
3.0000%, 10/1/32 3.0000%, 11/33 3.000%, 12/1/33 3.0000%, 12/1/33 3.0000%, 10/1/34 2.5000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 11/1/35 3.0000%, 11/1/36 3.0000%, 11/1/47 3.0000%, 11/1/47	•		
3.0000%, 1/1/33 2,5000%, 12/1/33 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.000%, 10/1/34 3.000%, 10/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/32 3.000%, 11/1/33 3.000%, 11/1/33 3.000%, 11/1/33 3.000%, 11/1/33 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/34 3.000%, 11/1/35 3.000%, 11/1/36 3.000%, 11/1/46 3.000%, 11/1/46 3.000%, 11/1/46 3.000%, 11/1/46 3.000%, 11/1/47 3.000%, 11/1/47	·	,	
2.5000%, 12/1/33 2,920,512 2,707,507 3.0000%, 10/1/34 719,106 674,191 3.0000%, 10/1/34 309,104 289,798 2.5000%, 11/1/34 875,464 803,043 2.5000%, 11/1/34 221,290 202,984 6.0000%, 4/1/40 839,305 883,171 3.5000%, 8/1/42 140,336 131,101 3.5000%, 8/1/42 156,739 146,425 3.5000%, 8/1/42 144,194 134,705 3.5000%, 2/1/43 364,411 340,195 3.0000%, 3/1/43 1,452,609 1,313,030 3.0000%, 6/1/43 56,281 50,028 3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	·	•	
3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 10/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 11/1/34 3.0000%, 4/1/40 3.0000%, 4/1/40 3.0000%, 8/1/42 3.0000%, 8/1/42 3.0000%, 8/1/42 3.0000%, 8/1/42 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 3/1/44 3.0000%, 5/1/44 3.0000%, 5/1/44 3.0000%, 5/1/44 3.0000%, 1/1/45 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 1/1/46 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 4/1/47 3.0000%, 4/1/47 3.0000%, 4/1/47 3.0000%, 4/1/47	·	•	
2.5000%, 11/1/34 875,464 803,043 2.5000%, 11/1/34 221,290 202,984 6.0000%, 4/1/40 839,305 883,171 3.5000%, 7/1/42 140,336 131,101 3.5000%, 8/1/42 156,739 146,425 3.5000%, 8/1/42 144,194 134,705 3.5000%, 2/1/43 364,411 340,195 3.0000%, 6/1/43 1,452,609 1,313,030 3.0000%, 6/1/43 56,281 50,028 3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	·		
2.5000%, 11/1/34 6.0000%, 4/1/40 839,305 883,171 3.5000%, 7/1/42 140,336 131,101 3.5000%, 8/1/42 156,739 146,425 3.5000%, 8/1/43 3.5000%, 8/1/43 3.0000%, 3/1/43 3.0000%, 6/1/43 3.0000%, 6/1/43 3.5000%, 2/1/44 4.5000%, 5/1/44 461,254 430,602 4.5000%, 5/1/44 461,254 430,602 4.5000%, 12/1/44 461,254 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 3.0000%, 1/1/45 3.0000%, 1/1/46 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47	3.0000%, 10/1/34	309,104	
6.0000%, 4/1/40 3.5000%, 7/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/43 3.0000%, 2/1/43 3.0000%, 3/1/43 3.0000%, 6/1/43 3.0000%, 6/1/43 3.0000%, 6/1/43 3.0000%, 5/1/44 461,254 45000%, 5/1/44 461,254 430,602 4.5000%, 5/1/44 3.5000%, 12/1/44 461,254 420,382 217,488 3.5000%, 12/1/44 220,382 217,488 3.5000%, 11/45 709,890 639,830 3.0000%, 1/1/46 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 325,894 291,683	·		
3.5000%, 7/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/43 3.5000%, 2/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 6/1/43 3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 3.5000%, 5/1/44 3.5000%, 12/1/44 3.5000%, 12/1/44 3.5000%, 12/1/44 3.5000%, 12/1/46 3.5000%, 7/1/46 3.5000%, 7/1/46 3.5000%, 7/1/46 3.5000%, 7/1/46 3.5000%, 7/1/46 3.5000%, 7/1/46 3.5000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 3/1/47 3.0000%, 4/1/47	·		
3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/42 3.5000%, 8/1/43 3.5000%, 2/1/43 3.0000%, 3/1/43 3.0000%, 6/1/43 3.0000%, 6/1/43 3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 3.0000%, 1/1/46 3.5000%, 7/1/46 4.000%, 3/1/47 4.0000%, 3/1/47 3.0000%, 4/1/47 325,894 291,683	·		
3.5000%, 8/1/42 3.5000%, 2/1/43 3.5000%, 2/1/43 3.0000%, 3/1/43 3.0000%, 3/1/43 3.0000%, 6/1/43 3.5000%, 2/1/44 4.5000%, 5/1/44 2.5000%, 5/1/44 2.5000%, 12/1/44 2.790,254 2.790,254 2.604,829 3.0000%, 1/1/45 3.0000%, 1/1/46 3.5000%, 7/1/46 4.0000%, 3/1/47 2.0000%, 3/1/47 3.0000%, 4/1/47 3.25,894 3.25,894	·		
3.0000%, 3/1/43 3.0000%, 6/1/43 3.0000%, 6/1/44 461,254 45000%, 5/1/44 461,254 420,382 217,488 3.5000%, 12/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47	·	•	
3.0000%, 6/1/43 55,281 50,028 3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683			
3.5000%, 2/1/44 461,254 430,602 4.5000%, 5/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	•	, ,	
4.5000%, 5/1/44 220,382 217,488 3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683			
3.5000%, 12/1/44 2,790,254 2,604,829 3.0000%, 1/1/45 709,890 639,830 3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	•	•	
3.0000%, 1/1/46 128,110 115,800 3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	·	•	
3.5000%, 7/1/46 501,213 464,197 4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683	3.0000%, 1/1/45		
4.0000%, 3/1/47 285,100 273,127 3.0000%, 4/1/47 325,894 291,683			
3.0000%, 4/1/47 325,894 291,683			
	•	•	
3,5000%, 4/1/47 118.841 110.311	3.5000%, 4/1/47	118,841	110,311
3.5000%, 9/1/47 979,792 904,185	3.5000%, 9/1/47		904,185
3.5000%, 12/1/47 1,650,624 1,531,352			
3.5000%, 2/1/48 581,037 537,622			
4.0000%, 3/1/48 679,117 650,948 4.5000%, 3/1/48 25,285 24,676			
4.0000%, 371746 25,265 24,676 4.0000%, 4/1/48 657,426 628,737		•	
4.0000%, 4/1/48 601,971 572,682		•	
4.0000%, 4/1/48 141,828 134,927	4.0000%, 4/1/48	141,828	134,927
4.0000%, 5/1/48 1,041,865 991,172	4.0000%, 5/1/48	1,041,865	991,172

Schedule of Investments (unaudited) June 30, 2023

	Shares or	
	Principal Amounts	Value
Mortgage-Backed Securities- (continued)		
Freddie Mac Pool- (continued)		
4.5000%, 7/1/48	\$150,168	\$146,550
5.0000%, 9/1/48	30,424	30,270
4.0000%, 11/1/48	171,015	162,694
4.0000%, 12/1/48 4.5000%, 12/1/48	2,038,116 570,097	1,938,950 560,896
4.5000%, 6/1/49	138,001	134,502
4.0000%, 7/1/49	1,541,888	1,462,182
4.5000%, 7/1/49	1,231,117	1,199,902
4.5000%, 7/1/49	174,785	170,353
3.0000%, 8/1/49	298,354	263,367
4.5000%, 8/1/49	1,057,856	1,031,034
3.0000%, 12/1/49	363,841	323,115
3.0000%, 12/1/49	280,642	249,229
4.5000%, 1/1/50	700,310	682,553
4.5000%, 1/1/50	195,461	190,505
3.5000%, 3/1/50 4.0000%, 3/1/50	146,995 2,092,938	135,176 1,991,104
4.5000%, 3/1/50	2,092,936	2,377,196
4.0000%, 6/1/50	3,340,449	3,192,794
2.5000%, 8/1/50	343,018	295,651
2.5000%, 8/1/50	122,301	105,371
2.5000%, 9/1/50	621,748	535,459
4.5000%, 9/1/50	6,004,008	5,859,363
4.0000%, 10/1/50	575,956	546,183
2.5000%, 6/1/51	6,917,328	5,938,001
2.5000%, 11/1/51	4,738,977	4,065,757
2.5000%, 1/1/52	1,272,477	1,089,103
2.5000%, 1/1/52	782,836	669,338
2.5000%, 2/1/52 3.0000%, 2/1/52	1,895,687 1,046,969	1,619,704 929,423
3.0000%, 2/1/52	776,341	691,077
2.5000%, 3/1/52	286,226	244,323
3.0000%, 3/1/52	1,140,655	1,015,114
4.5000%, 3/1/52	95,689	91,987
3.5000%, 4/1/52	2,312,475	2,139,385
3.5000%, 4/1/52	1,229,626	1,127,165
3.5000%, 4/1/52	1,179,046	1,080,799
3.5000%, 4/1/52	380,650	348,681
3.5000%, 4/1/52	346,207	317,088
3.0000%, 6/1/52	14,021,456	12,481,511
3.5000%, 6/1/52 3.5000%, 6/1/52	5,375,368 5,007,350	4,947,835 4,631,001
3.5000%, 7/1/52	19,619,363	18,046,755
4.0000%, 7/1/52	1,876,358	1,762,652
3.5000%, 8/1/52	3,674,266	3,379,751
4.0000%, 8/1/52	2,130,248	2,004,037
4.5000%, 8/1/52	20,736,184	19,955,315
4.5000%, 8/1/52	8,792,182	8,463,675
4.5000%, 8/1/52	4,580,486	4,407,998
5.0000%, 8/1/52	4,658,297	4,624,772
4.0000%, 9/1/52	5,072,126	4,771,617
5.5000%, 9/1/52	2,930,698	2,941,294
4.5000%, 10/1/52	4,246,293 6,067,572	4,125,105
5.0000%, 10/1/52 5.0000%, 10/1/52	6,067,573 3,995,762	5,994,264 3,947,485
5.000%, 10/1/52	3,995,762 121,275	3,947,465 119,810
5.5000%, 11/1/52	13,593,948	13,703,671
5.0000%, 3/1/53	1,731,795	1,696,614
5.0000%, 3/1/53	313,196	306,833

Janus Henderson VIT Balanced Portfolio Schedule of Investments (unaudited)

June 30, 2023

	Shares or Principal Amounts	Value
Mortgage-Backed Securities- (continued)		
Freddie Mac Pool- (continued) 5.0000%, 5/1/53	\$5,054,053	\$4,971,559
5.0000%, 5/1/53	2,051,036	2,017,558
5.0000%, 5/1/53	1,154,595	1,135,749
5.5000%, 5/1/53	2,207,377	2,215,351
5.5000%, 5/1/53 5.0000%, 6/1/53	418,271 837,844	418,926 824,169
5.0000%, 6/1/53	832,841	815,778
5.0000%, 6/1/53	782,735	766,678
5.0000%, 6/1/53	760,734	745,280
5.0000%, 6/1/53	620,754	608,053
5.0000%, 6/1/53 5.0000%, 6/1/53	470,324 438,517	460,770 429,609
5.0000%, 6/1/53	336,399	329,498
5.5000%, 6/1/53	925,853	927,303
5.5000%, 6/1/53	846,544	843,009
5.5000%, 6/1/53 5.5000%, 6/1/53	655,930 592,983	653,191 590,506
5.5000%, 6/1/53	566,748	563,991
5.0000%, 7/1/53	972,942	953,177
5.5000%, 7/1/53	1,487,629	1,481,416
Ginnie Mae:		211,760,189
2.5000%, TBA, 30 Year Maturity	44,383,441	38,402,107
3.5000%, TBA, 30 Year Maturity	32,384,335	29,887,147
4.0000%, TBA, 30 Year Maturity 4.5000%, TBA, 30 Year Maturity	17,210,047 9,372,944	16,265,560 9,043,710
5.000%, TBA, 30 Year Maturity	6,595,041	6,477,293
0: 14.45		100,075,817
Ginnie Mae I Pool: 4.0000%, 1/15/45	2,674,359	2,583,578
4.5000%, 8/15/46	2,819,123	2,744,128
4.0000%, 7/15/47	498,852	476,566
4.0000%, 8/15/47	65,697	62,762
4.0000%, 11/15/47 4.0000%, 12/15/47	75,294 232,981	71,930 222,573
4.000070, 127 137 47	202,901	6,161,537
Ginnie Mae II Pool:	11 270 070	10044500
3.0000%, 11/20/46 4.0000%, 8/20/47	11,378,878 341,543	10,344,508 326,772
4.000%, 8/20/47	53,684	51,362
4.0000%, 8/20/47	42,205	40,379
4.5000%, 2/20/48	269,891 134055	264,061
4.0000%, 5/20/48 4.5000%, 5/20/48	134,055 507,643	128,466 496,431
4.5000%, 5/20/48	111,843	109,373
4.0000%, 6/20/48	1,352,779	1,295,957
5.0000%, 8/20/48	939,234	935,649
3.5000%, 5/20/49 2.5000%, 3/20/51	15,352,369 14,241,729	14,342,100 12,365,360
3.000%, 4/20/51	12,511,235	11,236,299
3.0000%, 7/20/51	7,069,411	6,343,121
3.0000%, 8/20/51	15,942,519	14,300,203
Total Mortgage-Backed Securities (cost \$993,691,385)		72,580,041 958,910,699
United States Treasury Notes/Bonds- 8.5%		
4.1250%, 1/31/25	9,640,000	9,488,622
4.6250%, 2/28/25 4.2500%, 5/31/25	3,541,000 1,611,000	3,513,474 1,590,737
4.2000%, 0/31/20	1,011,000	1,090,737

Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
United States Treasury Notes/Bonds- (continued)		
4.1250%, 6/15/26	\$173,750,000	\$171,998,927
0.6250%, 7/31/26	23,639,000	21,059,948
3.5000%, 4/30/28	41,999,900	40,812,090
3.6250%, 5/31/28	41,438,400	40,531,935
4.0000%, 6/30/28	40,576,000	40,354,100
3.7500%, 6/30/30	32,062,000	31,636,177
3.3750%, 5/15/33	43,232,500	41,692,342
3.8750%, 2/15/43	116,902,000	113,979,450
3.8750%, 5/15/43	92,264,000	90,029,481
3.6250%, 2/15/53	83,801,400	80,423,156
Total United States Treasury Notes/Bonds (cost \$692,201,843)		687,110,439
Common Stocks- 61.0%		
Aerospace & Defense – 1.1%	001.000	FC 00 4 00 4
General Dynamics Corp	261,608	56,284,961
L3Harris Technologies Inc	151,374	29,634,488
Air Freight & Logistics – 1.3%		85,919,449
United Parcel Service Inc	595,145	106,679,741
Banks – 2.0%	393,143	100,079,741
Bank of America Corp	2,367,968	67,937,002
JPMorgan Chase & Co	659,076	95,856,013
• · · · · · · · · · · · · · · · · · · ·	,	163,793,015
Beverages – 1.6%		
Coca-Cola Co	473,946	28,541,028
Constellation Brands Inc - Class A	139,780	34,404,051
Monster Beverage Corp	1,157,364	66,478,988
		129,424,067
Biotechnology – 1.0%		
AbbVie Inc	578,530	77,945,347
Building Products – 0.4%	100.001	05.100.510
Trane Technologies PLC	193,991	37,102,719
Capital Markets – 2.4% Charles Schwab Corp	326,096	10 402 101
CME Group Inc	320,090 354,479	18,483,121 65,681,414
Goldman Sachs Group Inc	121,669	39,243,119
Morgan Stanley	877,690	74,954,726
mongan otamoy	0.1,000	198,362,380
Chemicals – 0.9%		.00,002,000
Corteva Inc	803,244	46,025,881
Sherwin-Williams Co	102,360	27,178,627
		73,204,508
Communications Equipment – 0.4%		
Cisco Systems Inc	653,138	33,793,360
Consumer Finance – 1.3%		
American Express Co	593,649	103,413,656
Diversified Financial Services – 2.3%	400.540	100 550 000
Mastercard Inc	466,743	183,570,022
Electrical Equipment – 0.4%	05 100	21 260 246
Rockwell Automation Inc Electronic Equipment, Instruments & Components – 0.6%	95,190	31,360,346
TE Connectivity Ltd	329,754	46,218,321
Entertainment – 1.0%	023,104	-10,210,021
Netflix Inc*	60,264	26,545,689
Walt Disney Co*	580,048	51,786,685
,		78,332,374
Food & Staples Retailing - 2.0%		
Costco Wholesale Corp	99,478	53,556,966
Dollar General Corp	360,004	61,121,479

Schedule of Investments (unaudited) June 30, 2023

Common Stocks- (continued) 660,102 Food & Staples Retailing- (continued) 660,102 Sysco Corp 660,102 Food Products - 0.5% 176,677 Hershey Co 176,677 Health Care Equipment & Supplies - 2.0% 750,889 Abbott Laboratories 750,889 Edwards Lifesciences Corp* 286,337 Stryker Corp 164,396	\$48,979,568 163,658,013 44,116,247 81,861,919 27,010,169 50,155,576 159,027,664 33,060,504
Food Products – 0.5% Hershey Co Health Care Equipment & Supplies – 2.0% Abbott Laboratories Edwards Lifesciences Corp* 176,677 750,889 286,337	163,658,013 44,116,247 81,861,919 27,010,169 50,155,576 159,027,664
Hershey Co 176,677 Health Care Equipment & Supplies – 2.0% Abbott Laboratories 750,889 Edwards Lifesciences Corp* 286,337	81,861,919 27,010,169 50,155,576 159,027,664
Abbott Laboratories 750,889 Edwards Lifesciences Corp* 286,337	27,010,169 50,155,576 159,027,664
	50,155,576 159,027,664
	• •
Health Care Providers & Services – 2.3% HCA Healthcare Inc 108,938	,,
UnitedHealth Group Inc 320,495	154,042,717 187,103,221
Hotels, Restaurants & Leisure – 3.8% Booking Holdings Inc* 19,873	53,663,658
Hilton Worldwide Holdings Inc 549,909 McDonald's Corp 361,808	80,039,255 107,967,125
Starbucks Corp 661,700	65,548,002 307,218,040
Household Products – 0.9% Procter & Gamble Co 485,439	73,660,514
Industrial Conglomerates – 0.9% Honeywell International Inc 344,732	71,531,890
Information Technology Services – 1.3% Accenture PLC 333,535	102,922,230
Insurance – 1.4% Progressive Corp/The 853,676	113,001,092
Interactive Media & Services – 2.4% Alphabet Inc - Class C* 1,620,891	196,079,184
Life Sciences Tools & Services – 1.2% Danaher Corp 100,751	24,180,240
Thermo Fisher Scientific Inc 141,705	73,934,584 98,114,824
Machinery – 1.4% Cummins Inc 63,109	15,471,802
Deere & Co 244,247	98,966,442
Media – 1.2% Comcast Corp - Class A 2,292,441	95,250,924
Oil, Gas & Consumable Fuels – 1.4% Chevron Corp 255,610	40,220,234
ConocoPhillips 685,367	71,010,875 111,231,109
Pharmaceuticals – 2.6% Eli Lilly & Co 155,817	73,075,057
Merck & Co Inc 825,490 Zoetis Inc 231,822	95,253,291 39,922,067
Professional Services – 0.6%	208,250,415
Automatic Data Processing Inc Semiconductor & Semiconductor Equipment – 5.0%	48,486,993
Advanced Micro Devices Inc* KLA Corp 83,232	31,004,935 40,369,185
Lam Research Corp 162,888 NVIDIA Corp 382,910	104,714,180
Texas Instruments Inc 353,774	161,978,588 63,686,396 401,753,284

Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued)	· ·····ospai· · ······oa·····o	Value
Software – 6.8%		
Cadence Design Systems Inc*	97.716	\$22,916,356
Intuit Inc	65,401	29,966,084
Microsoft Corp	1,382,141	470,674,296
Oracle Corp	222,482	26,495,381
·		550,052,117
Specialty Retail – 1.8%		
Home Depot Inc	245,828	76,364,010
TJX Cos Ínc	844,830	71,633,136
		147,997,146
Technology Hardware, Storage & Peripherals – 3.7%		
Apple Inc	1,532,324	297,224,886
Textiles, Apparel & Luxury Goods – 1.1%		
NIKE Inc - Class B	787,133	86,875,869
Total Common Stocks (cost \$2,857,163,602)		4,927,113,211
Investment Companies – 3.8%		
Money Markets - 3.8%		
Janus Henderson Cash Liquidity Fund LLC, 5.1900%°, (cost \$307,560,544)	307,530,676	307,592,182
Total Investments (total cost \$6,309,139,429) - 102.5%		8,273,022,765
Liabilities, net of Cash, Receivables and Other Assets – (2.5)%		(204,122,184)
Net Assets – 100%	_	\$8,068,900,581

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

Country	Value	% of Investment Securities
United States	\$8,151,236,432	98.5 %
Canada	26,899,813	0.3
France	23,280,109	0.3
Australia	16,276,889	0.2
Japan	14,207,336	0.2
United Kingdom	13,129,081	0.2
Netherlands	10,264,091	0.1
Finland	9,830,980	0.1
Germany	4,744,727	0.1
Ireland	3,153,307	0.0
Total	\$8,273,022,765	100.0 %

Schedule of Investments (unaudited) June 30, 2023

Schedules of Affiliated Investments - (% of Net Assets)

	Dividend Income	Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/23
Investment Companies - 3.8% Money Markets - 3.8%				
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	\$ 8,575,209	\$ 23,150	\$ (22,770)	\$ 307,592,182

	Value at 12/31/22	Purchases	Sales Proceeds	Value at 6/30/23
Investment Companies - 3.8% Money Markets - 3.8%				
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	438,599,135	726,870,563	(857,877,896)	307,592,182

Schedule of Futures

	Number of	Expiration	Notional	Value and Unrealized
Description	Contracts	Date	Amount	Appreciation/(Depreciation)
Futures Long:				
10 Year US Treasury Note	716	9/29/23	\$ 80,382,188	\$ (1,526,690)
2 Year US Treasury Note	2,695	10/4/23	548,011,406	(6,782,117)
5 Year US Treasury Note	5,229	10/4/23	559,993,219	(7,913,734)
Ultra Long Term US Treasury Bond	240	9/29/23	32,692,500	47,418
Total - Futures Long				(16,175,123)
Futures Short:				
Ultra 10-Year Treasury Note	441	9/29/23	(52,230,938)	630,492
Total	·	·	•	\$ (15,544,631)

Schedule of Investments (unaudited) June 30, 2023

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, 2023.

Fair Value of Derivative Instruments (not accounted for as hedging instruments) as of June 30, 2023

	meresi kale
	Contracts
Asset Derivatives: *Futures contracts	\$ 677,910
Liability Derivatives: *Futures contracts	\$ 16,222,541

^{*}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, 2023.

The effect of Derivative Instruments (not accounted for as hedging instruments) on the Statement of Operations for the period ended June 30, 2023

Amoi	int of Realize	d Gain/(Loss) Recognized	on Derivatives

	Credit	Interest Rate	
Derivative	Contracts	Contracts	Total
Futures contracts	\$ -	\$ (197,801)	\$ (197,801)
Swap contracts	(1,427,650)	-	\$ (1,427,650)
Total	\$(1,427,650)	\$ (197,801)	\$ (1,625,451)

	Amount of Change in Unrealized Appreciation/Depreciation Recognized on Derivativ	es
--	--	----

	Interest Rate	
Derivative	Contracts	Total
Futures contracts	\$(13,365,958)	\$(13,365,958)

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, 2023

Futures contracts:	
Average notional amount of contracts - long	\$ 799,264,625
Average notional amount of contracts - short	58,898,442

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[®] Index

(55%) and the Bloomberg U.S. Aggregate Bond Index (45%).

Bloomberg U.S. Aggregate Bond

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® 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

TBA (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, 2023 is \$775,035,439, which represents 9.6% of net assets.
- Non-income producing security.
- # Variable or floating rate security. Rate shown is the current rate as of June 30, 2023. 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.
- Rate shown is the 7-day yield as of June 30, 2023.
- Perpetual security. Perpetual securities have no stated maturity date, but they may be called/redeemed by the issuer. The date indicated, if и any, represents the next call date.
- Ç 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.
- £ 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.

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, 2023. 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 Corporate Bonds Mortgage-Backed Securities United States Treasury Notes/Bonds Common Stocks Investment Companies Total Investments in Securities	\$ - - - 4,927,113,211 - 4,927,113,211	\$ 612,250,448 780,045,786 958,910,699 687,110,439 - 307,592,182 3,345,909,554	\$ - - - - - - -
Other Financial Instruments ^(a) : Futures Contracts Total Assets	\$ 677,910 4,927,791,121	\$ 3,345,909,554	\$ -
Liabilities			
Other Financial Instruments ^(a) : Futures Contracts	\$ 16,222,541	\$ -	\$ -

⁽a) Other financial instruments may 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, 2023

Assets:		_
Unaffiliated investments, at value (cost \$6,001,578,885)	\$	7,965,430,583
Affiliated investments, at value (cost \$307,560,544)		307,592,182
Deposits with brokers for futures		12,920,000
Variation margin receivable on futures contracts		400,674
Trustees' deferred compensation		204,928
Receivables:		
Investments sold		74,417,289
Interest		18,069,626
Dividends		2,490,939
Portfolio shares sold		1,748,790
Dividends from affiliates		1,349,322
Other assets		34,787
Total Assets		8,384,659,120
Liabilities:		
Due to custodian		6,457,966
Variation margin payable on futures contracts		215,141
Payables:		
TBA investments purchased		229,984,569
Investments purchased		71,981,147
Advisory fees		3,842,642
12b-1 Distribution and shareholder servicing fees		1,657,680
Portfolio shares repurchased		694,466
Transfer agent fees and expenses		357,398
Trustees' deferred compensation fees		204,928
Trustees' fees and expenses		47,640
Professional fees		33,168
Affiliated portfolio administration fees payable		17,467
Custodian fees		9,317
Accrued expenses and other payables		255,010
Total Liabilities		315,758,539
Net Assets	\$	8,068,900,581
Net Assets Consist of:		
Capital (par value and paid-in surplus)	\$	6,245,609,713
Total distributable earnings (loss)		1,823,290,868
Total Net Assets	\$	8,068,900,581
Net Assets - Institutional Shares	\$	409,340,435
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		9,469,588
Net Asset Value Per Share	\$	43.23
Net Assets - Service Shares	\$	7,659,560,146
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	,	167,010,371
Net Asset Value Per Share	\$	45.86

Statement of Operations (unaudited) For the period ended June 30, 2023

Investment Income:	
Interest	\$ 59,404,298
Dividends	35,001,387
Dividends from affiliates	8,575,209
Other income	224,470
Foreign withholding tax income	38,439
Total Investment Income	103,243,803
Expenses:	
Advisory fees	21,240,395
12b-1 Distribution and shareholder servicing fees:	
Service Shares	9,155,911
Transfer agent administrative fees and expenses:	
Institutional Shares	99,770
Service Shares	1,831,175
Other transfer agent fees and expenses:	
Institutional Shares	3,306
Service Shares	35,530
Affiliated portfolio administration fees	152,106
Trustees' fees and expenses	97,852
Professional fees	68,936
Custodian fees	24,784
Shareholder reports expense	21,643
Registration fees	1,317
Other expenses	439,530
Total Expenses	33,172,255
Net Investment Income/(Loss)	70,071,548
Net Realized Gain/(Loss) on Investments:	
Investments	538,019
Investments in affiliates	23,150
Futures contracts	(197,801)
Swap contracts	(1,427,650)
Total Net Realized Gain/(Loss) on Investments	(1,064,282)
Change in Unrealized Net Appreciation/Depreciation:	
Investments and Trustees' deferred compensation	606,443,533
Investments in affiliates	(22,770)
Futures contracts	 (13,365,958)
Total Change in Unrealized Net Appreciation/Depreciation	593,054,805
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ 662,062,071

Janus Henderson VIT Balanced Portfolio Statements of Changes in Net Assets

	Period ended June 30, 2023		مامما
	(unaudited)		
	(unaudited)	December 31, 20	22
Operations:			
Net investment income/(loss)	\$ 70,071,548	\$ 85,782,1	40
Net realized gain/(loss) on investments	(1,064,282)	(135,258,83	33)
Change in unrealized net appreciation/depreciation	593,054,805	(1,427,082,41	17)
Net Increase/(Decrease) in Net Assets Resulting from Operations	662,062,071	(1,476,559,11	10)
Dividends and Distributions to Shareholders:			
Institutional Shares	(4,095,555)	(18,537,66	66)
Service Shares	(64,366,490)	(292,011,77	76)
Net Decrease from Dividends and Distributions to Shareholders	(68,462,045)	(310,549,44	42)
Capital Share Transactions:			
Institutional Shares	(13,043,922)	(20,058,77	77)
Service Shares	14,232,066	495,766,3	397
Net Increase/(Decrease) from Capital Share Transactions	1,188,144	475,707,6	320
Net Increase/(Decrease) in Net Assets	594,788,170	(1,311,400,93	32)
Net Assets:			
Beginning of period	7,474,112,411	8,785,513,3	43
End of period	\$ 8,068,900,581	\$ 7,474,112,4	11

Janus Henderson VIT Balanced Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

To a share outstanding during the period ended burie 50,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$40.01	\$50.23	\$43.58	\$39.48	\$33.75	\$35.27
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.43	0.57	0.42	0.61	0.74	0.66
Net realized and unrealized gain/(loss)	3.23	(8.87)	7.03	4.86	6.74	(0.42)
Total from Investment Operations	3.66	(8.30)	7.45	5.47	7.48	0.24
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.44)	(0.54)	(0.43)	(0.73)	(0.72)	(0.77)
Distributions (from capital gains)	_	(1.38)	(0.37)	(0.64)	(1.03)	(0.99)
Total Dividends and Distributions	(0.44)	(1.92)	(0.80)	(1.37)	(1.75)	(1.76)
Net Asset Value, End of Period	\$43.23	\$40.01	\$50.23	\$43.58	\$39.48	\$33.75
Total Return*	9.15%	(16.50)%	17.22%	14.31%	22.59%	0.68%
Net Assets, End of Period (in thousands)	\$409,340	\$391,354	\$512,742	\$464,280	\$446,026	\$402,796
Average Net Assets for the Period (in thousands)	\$402,240	\$427,360	\$484,461	\$430,893	\$426,775	\$429,843
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.62%	0.62%	0.62%	0.62%	0.62%	0.63%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.62%	0.62%	0.62%	0.62%	0.62%	0.63%
Ratio of Net Investment Income/(Loss)	2.05%	1.32%	0.91%	1.54%	1.99%	1.85%
Portfolio Turnover Rate ⁽²⁾	50%	89%	56%	80%	79%	97%

See Notes to Financial Statements.

^{*} 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,

To a share outstanding during the period chaca bune oo,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$42.48	\$53.15	\$46.11	\$41.70	\$35.59	\$37.09
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.40	0.48	0.32	0.54	0.68	0.60
Net realized and unrealized gain/(loss)	3.37	(9.32)	7.42	5.15	7.11	(0.44)
Total from Investment Operations	3.77	(8.84)	7.74	5.69	7.79	0.16
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.39)	(0.45)	(0.33)	(0.64)	(0.65)	(0.67)
Distributions (from capital gains)	_	(1.38)	(0.37)	(0.64)	(1.03)	(0.99)
Total Dividends and Distributions	(0.39)	(1.83)	(0.70)	(1.28)	(1.68)	(1.66)
Net Asset Value, End of Period	\$45.86	\$42.48	\$53.15	\$46.11	\$41.70	\$35.59
Total Return*	8.88%	(16.61)%	16.91%	14.05%	22.27%	0.43%
Net Assets, End of Period (in thousands)	\$7,659,560	\$7,082,759	\$8,272,771	\$6,217,051	\$4,845,966	\$3,445,696
Average Net Assets for the Period (in thousands)	\$7,379,933	\$7,368,652	\$7,144,785	\$5,239,258	\$4,109,486	\$3,235,435
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.87%	0.86%	0.86%	0.87%	0.87%	0.88%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.87%	0.86%	0.86%	0.87%	0.87%	0.88%
Ratio of Net Investment Income/(Loss)	1.80%	1.09%	0.65%	1.28%	1.74%	1.62%
Portfolio Turnover Rate ⁽²⁾	50%	89%	56%	80%	79%	97%

See Notes to Financial Statements.

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 10 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 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

Portfolio holdings are valued in accordance with policies and procedures established by the Adviser pursuant to Rule 2a-5 under the 1940 Act and approved by and subject to the oversight of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at readily available market quotations, which are (i) the official close prices or (ii) last sale prices on the primary market or exchange in which the securities 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. Foreign securities and currencies are converted to U.S. dollars using the current spot USD dollar exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Adviser will determine the market value of individual securities held by it by using prices provided by one or more Adviser-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 quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith by the Adviser pursuant to the Valuation Procedures. Circumstances in which fair valuation 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 value of the securities of other mutual funds held by the Portfolio, if any, will be calculated using the NAV of such mutual funds, and the prospectuses for such mutual funds explain the circumstances under which they use fair valuation and the effects of using fair valuation. The value of the securities of any cash management pooled investment vehicles that operate as money market funds held by the Portfolio, if any, will be calculated using the NAV of such funds.

Notes to Financial Statements (unaudited)

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 period.

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, 2023 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.

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.

Notes to Financial Statements (unaudited)

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.

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, 2023 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

Notes to Financial Statements (unaudited)

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.

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.

Notes to Financial Statements (unaudited)

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 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.

Swaps

Swap agreements are two-party contracts entered into primarily by institutional investors for periods ranging from a day to more than one year to exchange one set of cash flows for another. The most significant factor in the performance of swap agreements is the change in value of the specific index, security, or currency, or other factors that determine the amounts of payments due to and from the Portfolio. The use of swaps is a highly specialized activity which involves investment techniques and risks different from those associated with ordinary portfolio securities transactions. Swap transactions may in some instances involve the delivery of securities or other underlying assets by the Portfolio or its counterparty to collateralize obligations under the swap. If the other party to a swap that is not collateralized defaults, the Portfolio would risk the loss of the net amount of the payments that it contractually is entitled to receive. Swap agreements entail the risk that a party will default on its payment obligations to the Portfolio. If the other party to a swap defaults, the Portfolio would risk the loss of the net amount of the payments that it contractually is entitled to receive. If the Portfolio utilizes a swap at the wrong time or judges market conditions incorrectly, the swap may result in a loss to the Portfolio and reduce the Portfolio's total return.

Swap agreements also bear the risk that the Portfolio will not be able to meet its obligation to the counterparty. Swap agreements are typically privately negotiated and entered into in the OTC market. However, certain swap agreements are required to be cleared through a clearinghouse and traded on an exchange or swap execution facility. Swaps that are required to be cleared are required to post initial and variation margins in accordance with the exchange requirements. Regulations enacted require the Portfolio to centrally clear certain interest rate and credit default index swaps through a clearinghouse or central counterparty ("CCP"). To clear a swap with a CCP, the Portfolio will submit the swap to, and post collateral with, a futures clearing merchant ("FCM") that is a clearinghouse member. Alternatively, the Portfolio may enter into a swap with a financial institution other than the FCM (the "Executing Dealer") and arrange for the swap to be transferred to the FCM for clearing. The Portfolio may also enter into a swap with the FCM itself. The CCP, the FCM, and the Executing Dealer are all subject to regulatory oversight by the U.S. Commodity Futures Trading Commission ("CFTC"). A default or failure by a CCP or an FCM, or the failure of a swap to be transferred from an Executing Dealer to the FCM for clearing, may expose the Portfolio to losses, increase its costs, or prevent the Portfolio from entering or exiting swap positions, accessing collateral, or fully implementing its investment strategies. The regulatory requirement to clear certain swaps could, either temporarily or permanently, reduce the liquidity of cleared swaps or increase the costs of entering into those swaps.

Index swaps, interest rate swaps, inflation swaps and credit default swaps are valued using an approved vendor supplied price. Basket swaps are valued using a broker supplied price. Equity swaps that consist of a single underlying equity are valued either at the closing price, the latest bid price, or the last sale price on the primary market or exchange it trades. The market value of swap contracts are aggregated by positive and negative values and are disclosed separately as an asset or liability on the Portfolio's Statement of Assets and Liabilities (if applicable). Realized gains and

Notes to Financial Statements (unaudited)

losses are reported on the Portfolio's Statement of Operations (if applicable). The change in unrealized net appreciation or depreciation during the period is included in the Statement of Operations (if applicable).

The Portfolio's maximum risk of loss from counterparty risk or credit risk is the discounted value of the payments to be received from/paid to the counterparty over the contract's remaining life, to the extent that the amount is positive. The risk is mitigated by having a netting arrangement between the Portfolio and the counterparty and by the posting of collateral by the counterparty to cover the Portfolio's exposure to the counterparty.

The Portfolio may enter into various types of credit default swap agreements, including OTC credit default swap agreements, for investment purposes, to add leverage to its Portfolio, or to hedge against widening credit spreads on high-yield/high-risk bonds. Credit default swaps are a specific kind of counterparty agreement that allow the transfer of third party credit risk from one party to the other. One party in the swap is a lender and faces credit risk from a third party, and the counterparty in the credit default swap agrees to insure this risk in exchange for regular periodic payments. Credit default swaps could result in losses if the Portfolio does not correctly evaluate the creditworthiness of the company or companies on which the credit default swap is based. Credit default swap agreements may involve greater risks than if the Portfolio had invested in the reference obligation directly since, in addition to risks relating to the reference obligation, credit default swaps are subject to illiquidity risk, counterparty risk, and credit risk. The Portfolio will generally incur a greater degree of risk when it sells a credit default swap than when it purchases a credit default swap. As a buyer of a credit default swap, the Portfolio may lose its investment and recover nothing should no credit event occur and the swap is held to its termination date. As seller of a credit default swap, if a credit event were to occur, the value of any deliverable obligation received by the Portfolio, coupled with the upfront or periodic payments previously received, may be less than what it pays to the buyer, resulting in a loss of value to the Portfolio.

As a buyer of credit protection, the Portfolio is entitled to receive the par (or other agreed-upon) value of a referenced debt obligation from the counterparty to the contract in the event of a default or other credit event by a third party, such as a U.S. or foreign issuer, on the debt obligation. In return, the Portfolio as buyer would pay to the counterparty a periodic stream of payments over the term of the contract provided that no credit event has occurred. If no credit event occurs, the Portfolio would have spent the stream of payments and potentially received no benefit from the contract.

If the Portfolio is the seller of credit protection against a particular security, the Portfolio would receive an up-front or periodic payment to compensate against potential credit events. As the seller in a credit default swap contract, the Portfolio would be required to pay the par value (the "notional value") (or other agreed-upon value) of a referenced debt obligation to the counterparty in the event of a default by a third party, such as a U.S. or foreign corporate issuer, on the debt obligation. In return, the Portfolio would receive from the counterparty a periodic stream of payments over the term of the contract provided that no event of default has occurred. If no default occurs, the Portfolio would keep the stream of payments and would have no payment obligations. As the seller, the Portfolio would effectively add leverage to its portfolio because, in addition to its total net assets, the Portfolio would be subject to investment exposure on the notional value of the swap. The maximum potential amount of future payments (undiscounted) that the Portfolio as a seller could be required to make in a credit default transaction would be the notional amount of the agreement.

The Portfolio may invest in single-name credit default swaps ("CDS") to buy or sell credit protection to hedge its credit exposure, gain issuer exposure without owning the underlying security, or increase the Portfolio's total return. Singlename CDS enable the Portfolio to buy or sell protection against a credit event of a specific issuer. When the Portfolio buys a single-name CDS, the Portfolio will receive a return on its investment only in the event of a credit event, such as default by the issuer of the underlying obligation (as opposed to a credit downgrade or other indication of financial difficulty). If a single-name CDS transaction is particularly large, or if the relevant market is illiquid, it may not be possible for the Portfolio to initiate a single-name CDS transaction or to liquidate its position at an advantageous time or price, which may result in significant losses. Moreover, the Portfolio bears the risk of loss of the amount expected to be received under a single-name CDS in the event of the default or bankruptcy of the counterparty. The risks associated with cleared single-name CDS may be lower than that for uncleared single-name CDS because for cleared single-name CDS, the counterparty is a clearinghouse (to the extent such a trading market is available). However, there can be no assurance that a clearinghouse or its members will satisfy their obligations to the Portfolio.

The Portfolio may invest in CDXs. A CDX is a swap on an index of credit default swaps. CDXs allow an investor to manage credit risk or take a position on a basket of credit entities (such as credit default swaps or commercial mortgage-backed securities) in a more efficient manner than transacting in a single-name CDS. If a credit event occurs in one of the underlying companies, the protection is paid out via the delivery of the defaulted bond by the buyer of

Notes to Financial Statements (unaudited)

protection in return for a payment of notional value of the defaulted bond by the seller of protection or it may be settled through a cash settlement between the two parties. The underlying company is then removed from the index. If the Portfolio holds a long position in a CDX, the Portfolio would indirectly bear its proportionate share of any expenses paid by a CDX. A Portfolio holding a long position in CDXs typically receives income from principal or interest paid on the underlying securities. By investing in CDXs, the Portfolio could be exposed to illiquidity risk, counterparty risk, and credit risk of the issuers of the underlying loan obligations and of the CDX markets. If there is a default by the CDX counterparty, the Portfolio will have contractual remedies pursuant to the agreements related to the transaction. CDXs also bear the risk that the Portfolio will not be able to meet its obligation to the counterparty.

During the period, the Portfolio purchased protection via the credit default swap market in order to reduce credit risk exposure to individual corporates, countries and/or credit indices where reducing this exposure via the cash bond market was less attractive.

There were no credit default swaps held at June 30, 2023.

3. Other Investments and Strategies

Market 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.

The value of the Portfolio's portfolio may decrease if the value of one or more issuers in the Portfolio's portfolio decreases. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's portfolio could also decrease if there are deteriorating economic or market conditions, including, but not limited to, a general decline in prices on the stock markets, a general decline in real estate markets, a decline in commodities prices, or if the market favors different types of securities than the types of securities in which the Portfolio invests. If the value of the Portfolio's portfolio decreases, the Portfolio's NAV will also decrease, which means if you sell your shares in the Portfolio you may lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Social, political, economic and other conditions and events, such as natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, including related sanctions, and social unrest, could reduce consumer demand or economic output, result in market closures, travel restrictions and/or quarantines, and generally have a significant impact on the global economies and financial markets.

- COVID-19 Pandemic. The effects of COVID-19 have contributed to increased volatility in global financial markets and have affected and may continue to affect certain countries, regions, issuers, industries and market sectors more dramatically than others. These conditions and events could have a significant impact on the Portfolio and its investments, the Portfolio's ability to meet redemption requests, and the processes and operations of the Portfolio's service providers, including the Adviser.
- Russia/Ukraine Invasion. Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

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 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.

Notes to Financial Statements (unaudited)

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 quarantee and/or insurance, there is no assurance that quarantors or insurers will meet their obligations.

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. 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 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. Cash collateral that has been pledged to cover the obligations of a Portfolio and cash collateral received from the counterparty, if any, is reported separately in the Statement of Assets and Liabilities as Collateral for To Be Announced Transactions.

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

Notes to Financial Statements (unaudited)

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 when when-issued, delayed delivery, or forward commitment 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 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 \$9,912 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2023. 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.

Notes to Financial Statements (unaudited)

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, 2023 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, 2023 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 \$219,100 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2023.

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, 2023 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.

Accumulated capital losses noted below represent net capital loss carryovers, as of December 31, 2022, that may be available to offset future realized capital gains and thereby reduce future taxable gains distributions. The following table shows these capital loss carryovers.

Capital Loss Carryove	r Schedu	ıle					
For the year ended De	For the year ended December 31, 2022						
No Expi	ration						
			Accumulated				
Short-Tern	n Long	-Term	Capital Losses				
\$(130.982.613) \$	_	\$ (130.982.613)				

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, 2023 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)
\$ 6,331,993,967	\$ 2,095,631,425	\$(154,602,627)	\$	1,941,028,798

6. Capital Share Transactions

	Period e	ended June 30, 2023	Year ended December 31,	
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	227,726	\$ 9,570,266	668,408	\$ 28,696,770
Reinvested dividends and distributions	95,534	4,095,555	464,031	18,537,666
Shares repurchased	(635,206)	(26,709,743)	(1,558,817)	(67,293,213)
Net Increase/(Decrease)	(311,946)	\$ (13,043,922)	(426,378)	\$ (20,058,777)
Service Shares:				
Shares sold	3,781,432	\$ 168,891,362	12,784,501	\$ 592,847,704
Reinvested dividends and distributions	1,414,959	64,366,490	6,894,741	292,011,776
Shares repurchased	(4,929,572)	(219,025,786)	(8,576,547)	(389,093,083)
Net Increase/(Decrease)	266,819	\$ 14,232,066	11,102,695	\$ 495,766,397

7. Purchases and Sales of Investment Securities

For the period ended June 30, 2023, 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
\$ 1,516,595,175	\$ 1,067,576,965	\$ 2,259,854,401	\$ 2,608,519,976

8. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2023 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; and (ii) 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.

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") 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 9-10, 2022 and December 13-14, 2022, the Trustees evaluated the information provided by the Adviser and the independent fee consultant, as well as other information provided by the Adviser and the independent fee consultant during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser were fair and reasonable in light of the nature, extent, and quality of the services provided by the Adviser and its affiliates, 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 for the period from February 1, 2023 through February 1, 2024, 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 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, 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, such as managing the execution of portfolio transactions and the selection of broker-dealers for

Additional Information (unaudited)

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 Janus Henderson Fund 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 their 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 to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory 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 had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and 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 fund 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, noting that: (i) for the 36 months ended May 31, 2022, approximately 38% of the Janus Henderson Funds were in the top two quartiles of their Broadridge peer groups; (ii) for the 36 months ended September 30, 2022, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar, and (iii) for the 12 months ended September 30, 2022, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar.

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 Adaptive Risk Managed U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Balanced Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the VIT Portfolio's performance was in the third Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022 The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge guartile for the 36 months ended May 31, 2022 and the first Broadridge guartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the evaluated performance period ended May 31, 2022. The Trustees noted that 36 month-end performance was not yet available.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge guartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance, while also noting that the VIT Portfolio has a performance fee structure that results in lower management fees during periods of underperformance, the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022.

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, as applicable, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory agreement.

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. 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 6% under the average total expenses of the respective Broadridge peer group; and (3) the management fees for the Janus Henderson Funds, on average, were 5% under the average management fees for the respective Broadridge peer 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 Janus Henderson Funds with three or more years of performance history, 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, changes in portfolio management, relative average net asset levels, and the existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

Additional Information (unaudited)

The Trustees considered the methodology used by the Adviser 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 to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser (for which the Adviser 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 different from the retail fund market; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged in these other markets; and (4) as part of its 2022 review, 9 of 11 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser. The Trustees noted that for the two Janus Henderson Funds that did not, management fees for each were under the average of its 15(c) peer group.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2021 (except for Janus Henderson Global Sustainable Equity Portfolio for which the period end was March 31, 2022) and noted the following with regard to each Janus Henderson Fund's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses") as reflected in the comparative information provided by Broadridge:

- For Janus Henderson Adaptive Risk Management U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for its sole share class.
- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group for one share class, overall the VIT Portfolio's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the VIT Portfolio's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses
 were below the peer group average for both share classes.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the VIT Portfolio's total expenses
 exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.

Additional Information (unaudited)

For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.

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 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 as part of its 2022 review 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 Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser 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 charges 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, 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 June 2022 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 from the independent fee consultant's report: (1) that 31% of Janus Henderson Funds had management fee breakpoints in place whereby investors pay lower management fees as fund AUM increases: (2) that 29% of Janus Henderson Funds have low flat-rate fees and performance fees where the Adviser is incentivized to invest in resources which drive Janus Henderson Fund performance; and (3) that 39% of Janus Henderson Funds have low flat-rate fees versus peers where investors pay low fixed fees when the Janus Henderson Fund is small/midsized and higher fees when the Janus Henderson Fund grows in assets. 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

Additional Information (unaudited)

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 Fund investors are well-served by the fee levels and performance fee structures in place on the 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 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 Janus Henderson 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. The Trustees concluded that the Adviser'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 pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser 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 third-party 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 benefits 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 receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser or other Janus Henderson Funds, and that the success of the Adviser could enhance the Adviser'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 Portfolio 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 Portfolio's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Portfolio's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Portfolio's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Portfolio's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Portfolio's use of borrowing for investment purposes; and (v) a Portfolio'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 15, 2023, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1. 2022 through December 31, 2022 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. Among other things, the Program Administrator Report indicated that there were no material changes to the LRMP during the Reporting Period, although there were certain methodology adjustments implemented relating to a change in data provider. Additionally, the findings presented in the Program Administrator Report indicated that the LRMP operated adequately during the Reporting Period. These findings included 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. Also included among the Program Administrator Report's findings was the determination that the Portfolio's investment strategy remains appropriate for an open-end fund. 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.

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.

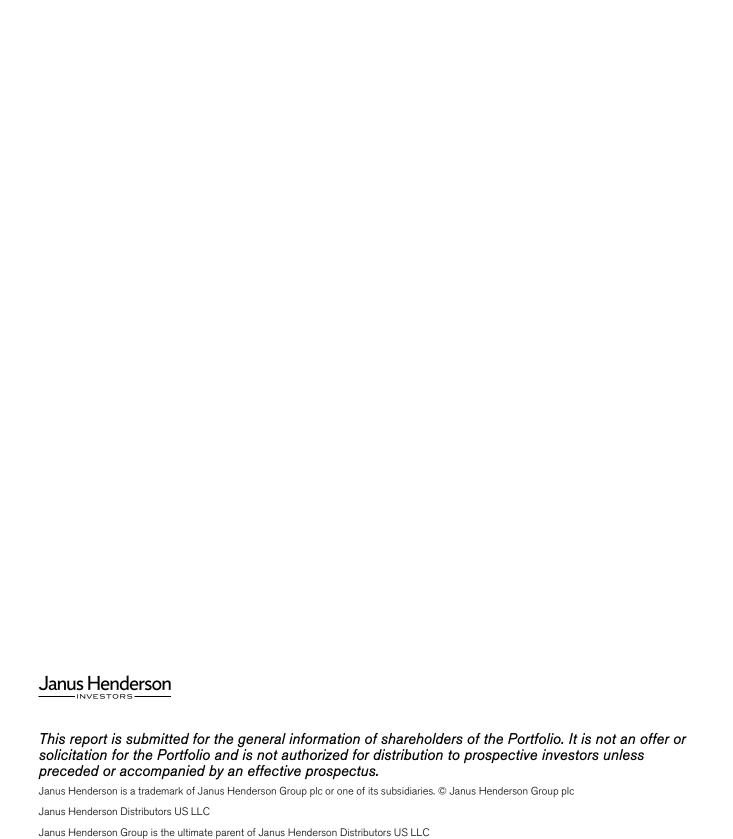
The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then 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 was replaced 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

Janus Aspen Series

HIGHLIGHTS

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



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Janus Henderson VIT Enterprise Portfolio

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Philip Cody Wheaton co-portfolio manager

Brian Demain co-portfolio manager

Important Notice - Tailored Shareholder Reports

Effective January 24, 2023, the Securities and Exchange Commission (the "SEC") adopted rule and form amendments that require mutual funds and exchange-traded funds to provide shareholders with streamlined annual and semi-annual shareholder reports that highlight key information. Other information, including financial statements, that currently appears in shareholder reports will be made available online, delivered free of charge to shareholders upon request, and filed with the SEC. The first tailored shareholder report for the Portfolio will be for the reporting period ending June 30, 2024. Currently, management is evaluating the impact of the rule and form amendments on the content of the Portfolio's current shareholder reports.

Janus Henderson VIT Enterprise Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Top Contributors - Holdings

5 Top Detractors - Holdings

	Average	Relative		Average	Relative
	Weight	Contribution		Weight	Contribution
ON Semiconductor Corp	4.32%	1.15%	WR Berkley Corp	1.74%	-0.70%
Constellation Software Inc/Canada	3.51%	0.54%	Charles Schwab Corp	0.85%	-0.56%
National Instruments Corp	1.26%	0.51%	Teleflex Inc	2.25%	-0.44%
Cimpress PLC	0.44%	0.32%	Revvity Inc	1.11%	-0.41%
Magellan Midstream Partners LP	2.16%	0.31%	GoDaddy Inc	2.41%	-0.39%

5 Top Contributors - Sectors*

		Russell Midcap
Relative	Portfolio	Growth Index
Contribution	Average Weight	Average Weight
1.62%	2.16%	4.30%
0.14%	1.36%	1.90%
0.05%	0.42%	3.16%
-0.02%	1.49%	3.47%
-0.11%	0.74%	0.25%
	Contribution 1.62% 0.14% 0.05% -0.02%	Contribution Average Weight 1.62% 2.16% 0.14% 1.36% 0.05% 0.42% -0.02% 1.49%

5 Top Detractors - Sectors*

_			Russell Midcap
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Financials	-1.58%	11.44%	6.48%
Communication Services	-0.76%	2.62%	4.29%
Health Care	-0.54%	17.40%	17.19%
Industrials	-0.53%	19.61%	17.41%
Other**	-0.42%	2.99%	0.00%

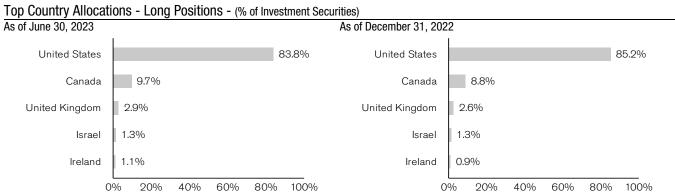
Relative contribution reflects how the portolio's holdings impacted return relative to the benchmark. Cash and securities not held in the portfolio are not shown. For equity portfolios, relative contribution compares the performance of a security in the portfolio to the benchmark's total return, factoring 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.

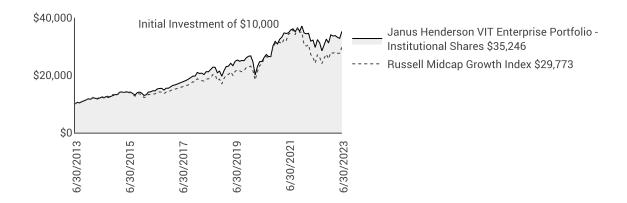
^{**} Not a GICS classified sector.

Janus Henderson VIT Enterprise Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
ON Semiconductor Corp		Common Stocks	98.0%
Semiconductor & Semiconductor Equipment	4.0%	Investment Companies	2.3%
Constellation Software Inc/Canada		Investments Purchased with Cash	
Software	3.8%	Collateral from Securities Lending	0.1%
Boston Scientific Corp		Other	(0.4)%
Health Care Equipment & Supplies	3.2%		100.0%
Intact Financial Corp			
Insurance	2.8%		
SS&C Technologies Holdings Inc			
Professional Services	2.8%		
	16.6%		



Janus Henderson VIT Enterprise Portfolio (unaudited) Performance



Average Annual Total Return - f	Fiscal	One	Five	Ten	Since	Prospectus Expense Ratios Total Annual Fund
	Year-to-Date	Year	Year	Year	Inception*	Operating Expenses [‡]
Institutional Shares	12.96%	18.73%	10.73%	13.43%	11.08%	0.72%
Service Shares	12.84%	18.44%	10.46%	13.14%	10.80%	0.96%
Russell Midcap Growth Index	15.94%	23.13%	9.71%	11.53%	9.84%	
Morningstar Quartile - Institutional						
Shares	-	2nd	1st	1st	1st	
Morningstar Ranking - based on total						
returns for Mid-Cap Growth Funds	-	273/562	83/513	19/475	17/134	

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.

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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 Enterprise Portfolio (unaudited) **Performance**

See "Useful Information About Your Portfolio Report."

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

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

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.

	Actual			(5%			
	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Net Annualized Expense Ratio (1/1/23 - 6/30/23)
Institutional							
Shares	\$1,000.00	\$1,129.60	\$3.80	\$1,000.00	\$1,021.22	\$3.61	0.72%
Service Shares	\$1,000.00	\$1,128.40	\$5.12	\$1,000.00	\$1,019.98	\$4.86	0.97%

[†] 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, 2023

	Shares or Principal Amounts	Value
Common Stocks- 98.0%		
Aerospace & Defense – 1.4% L3Harris Technologies Inc Airlines – 1.2%	106,712	\$20,891,008
Ryanair Holdings PLC (ADR)* Auto Components – 0.4%	158,074	17,482,984
Visteon Corp* Biotechnology – 2.7%	43,398	6,232,387
Abcam PLC (ADR)* Argenx SE (ADR)*	238,690 28,735	5,840,744 11,198,892
Ascendis Pharma A/S (ADR)* BioMarin Pharmaceutical Inc*	82,284 117,788	7,343,847 10,209,864
Sarepta Therapeutics Inc*	57,789	6,617,996 41,211,343
Capital Markets – 3.7% Cboe Global Markets Inc	67,198	9,273,996
Charles Schwab Corp	195,032 139,526	11,054,414 30,337,138
LPL Financial Holdings Inc MSCI Inc	11,641	5,463,005
Chemicals – 0.9%	046.061	56,128,553
Corteva Inc Commercial Services & Supplies – 3.4%	246,961	14,150,865
Cimpress PLC* Clean Harbors Inc*	155,603 48,870	9,255,266 8,035,694
RB Global Inc Rentokil Initial PLC	192,155 365,306	11,529,300 2,852,757
Rentokil Initial PLC (ADR)	524,406	20,457,078 52,130,095
Containers & Packaging – 0.4% Sealed Air Corp	157,766	6,310,640
Diversified Consumer Services – 0.6% Frontdoor Inc*	285,018	9,092,074
Diversified Financial Services – 3.8% Fidelity National Information Services Inc	187,844	10,275,067
Global Payments Inc WEX Inc*	101,863 200,312	10,035,543 36,470,806
Electric Utilities – 1.0%	200,012	56,781,416
Alliant Energy Corp Electrical Equipment – 2.3%	294,834	15,472,888
Regal Beloit Corp	48,235	7,423,366
Sensata Technologies Holding PLC	601,877	27,078,446 34,501,812
Electronic Equipment, Instruments & Components – 6.9% Flex Ltd*	1,375,930	38,030,705
National Instruments Corp TE Connectivity Ltd	294,946 132,858	16,929,900 18,621,377
Teledyne Technologies Inc*	74,997	30,832,017 104,413,999
Entertainment – 2.1% Liberty Media Corp-Liberty Formula One*	417,361	31,418,936
Liberty Media Group*	12,045	814,483 32,233,419
Food & Staples Retailing – 0.7% Dollar Tree Inc*	78,054	11,200,749
Health Care Equipment & Supplies – 9.7% Boston Scientific Corp*	882,873	47,754,601
Cooper Cos Inc	40,105	15,377,460
Dentsply Sirona Inc ICU Medical Inc*	373,937 103,590	14,964,959 18,458,702

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

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued) Health Care Equipment & Supplies- (continued) STERIS PLC Teleflex Inc	71,762 143,158	\$16,145,015 34,648,531 147,349,268
Hotels, Restaurants & Leisure – 2.5% Aramark Entain PLC	534,804 939,044	23,023,312 15,167,219 38,190,531
Information Technology Services – 5.0% Amdocs Ltd GoDaddy Inc*	409,473 463,704	40,476,406 34,838,082 75,314,488
Insurance – 5.0% Intact Financial Corp Ryan Specialty Group Holdings Inc - Class A* WR Berkley Corp	274,797 210,361 398,176	42,433,171 9,443,105 23,715,363 75,591,639
Interactive Media & Services – 0.5% Ziff Davis Inc* Life Sciences Tools & Services – 4.8% Avantor Inc* Illumina Inc*	102,014 830,078 72,736	7,147,101 17,049,802 13,637,273
PerkinElmer Inc Waters Corp*	260,107 38,423	30,898,111 10,241,266 71,826,452
Machinery – 4.0% Fortive Corp Ingersoll Rand Inc Wabtec Corp	61,668 493,127 214,215	4,610,916 32,230,781 23,492,959 60,334,656
Oil, Gas & Consumable Fuels – 2.1% Magellan Midstream Partners LP Pharmaceuticals – 0.8%	498,811	31,085,902
Catalent Inc* Professional Services – 6.6% Broadridge Financial Solutions Inc	277,061 146,525	12,013,365 24,268,936
Ceridian HCM Holding Inc* SS&C Technologies Holdings Inc TransUnion	272,216 693,734 198,441	18,230,306 42,040,280 15,543,884 100,083,406
Road & Rail – 3.1% JB Hunt Transport Services Inc TFI International Inc	176,689 134,198	31,986,010 15,293,204 47,279,214
Semiconductor & Semiconductor Equipment – 9.7% KLA Corp Lam Research Corp Microchip Technology Inc NXP Semiconductors NV ON Semiconductor Corp*	31,257 19,870 312,590 150,276 641,695	15,160,270 12,773,628 28,004,938 30,758,492 60,691,513
Software – 6.5% Atlassian Corp - Class A* Constellation Software Inc/Canada Dynatrace Inc* Nice Ltd (ADR)* Topicus.com Inc*	33,900 27,541 220,454 92,135 69,312	5,688,759 57,068,878 11,346,767 19,025,877 5,685,300 98,815,581

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

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited)

June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued)	,	
Specialized Real Estate Investment Trusts (REITs) - 1.3%		
Lamar Advertising Co	198,666	\$19,717,600
Specialty Retail – 2.1%		
Burlington Stores Inc*	38,591	6,073,837
CarMax Inc*	288,965	24,186,370
Wayfair Inc - Class A*,#	19,156	1,245,332
		31,505,539
Textiles, Apparel & Luxury Goods – 1.0%		
Gildan Activewear Inc	456,245	14,709,339
Trading Companies & Distributors – 1.8%		
Ferguson PLC	172,561	27,145,571
Total Common Stocks (cost \$927,749,248)		1,483,732,725
Investment Companies – 2.3%		
Money Markets – 2.3%		
Janus Henderson Cash Liquidity Fund LLC, 5.1900%°.£ (cost \$34,925,858)	34,923,113	34,930,098
Investments Purchased with Cash Collateral from Securities Lending - 0.1%		
Investment Companies – 0.1%		
Janus Henderson Cash Collateral Fund LLC, 4.9971%	664,602	664,602
Time Deposits – 0%		
Royal Bank of Canada, 5.0600%, 7/3/23	\$166,151	166,151
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$830)	,753)	830,753
Total Investments (total cost \$963,505,859) - 100.4%		1,519,493,576
Liabilities, net of Cash, Receivables and Other Assets – (0.4)%		(5,476,798)
Net Assets – 100%	<u>-</u>	\$1,514,016,778

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

% of

		Investment
Country	Value	Securities
United States	\$1,273,404,986	83.8 %
Canada	146,719,192	9.7
United Kingdom	44,317,798	2.9
Israel	19,025,877	1.3
Ireland	17,482,984	1.1
Belgium	11,198,892	0.7
Denmark	7,343,847	0.5
Total	\$1,519,493,576	100.0 %

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited) June 30, 2023

Schedules of Affiliated Investments - (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/23
Investment Companies - 2.3% Money Markets - 2.3%						
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	\$	1,002,511	\$	581	\$ (560)	\$ 34,930,098
Investments Purchased with Cash Collateral fro Investment Companies - 0.1%	om Securit	ies Lending - 0.1%	6			
Janus Henderson Cash Collateral Fund LLC, 4.9971%		7,374 [△]		-	-	664,602
Total Affiliated Investments - 2.4%	\$	1,009,885	\$	581	\$ (560)	\$ 35,594,700

_	<i>Value</i> at 12/31/22	Purchases	Sales Proceeds	Value at 6/30/23
Investment Companies - 2.3% Money Markets - 2.3%				
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	40,155,127	63,619,366	(68,844,416)	34,930,098
Investments Purchased with Cash Collateral from Investment Companies - 0.1%	Securities Lending - 0.1%			
Janus Henderson Cash Collateral Fund LLC, 4.9971% [™]	5,597,967	69,552,910	(74,486,275)	664,602

Janus Henderson VIT Enterprise Portfolio Schedule of Investments (unaudited) June 30, 2023

Schedule of Forward Foreign Currency Exchange Contracts

Counterparty/ Foreign Currency	Settlement Date	Foreign Currency Amount (Sold)/ Purchased	USD Currency Amount (Sold)/ Purchased	Market Value and Unrealized Appreciation/ (Depreciation)
Barclays Capital, Inc.:				
Canadian Dollar	8/2/23	(11,946,000)	\$ 8,945,076	\$ (78,329)
Euro	8/2/23	(4,689,000)	5,048,704	(76,095)
BNP Paribas:				(154,424)
Euro	8/2/23	380,000	(407,693)	7,624
Citibank, National Association:			(111,000)	.,
Canadian Dollar	8/2/23	(5,257,000)	3,933,299	(37,574)
Euro	8/2/23	(6,319,000)	6,777,483	(128,809)
				(166,383)
Goldman Sachs & Co. LLC:				
Canadian Dollar	8/2/23	(673,000)	503,110	(5,240)
Euro	8/2/23	(145,000)	155,554	(2,922)
HSBC Securities (USA), Inc.:				(8,162)
Canadian Dollar	8/2/23	(10,362,000)	7,764,401	(62,531)
Euro	8/2/23	(4,879,400)	5,274,293	(58,602)
2410	0, 2, 20	(1,070,100)	0,27 1,200	(121,133)
JPMorgan Chase Bank, National Association:				, , ,
Canadian Dollar	8/2/23	(11,845,000)	8,870,650	(76,465)
Euro	8/2/23	(4,489,400)	4,820,239	(86,409)
				(162,874)
State Street Bank and Trust Company:				
Canadian Dollar	8/2/23	(12,116,000)	9,069,643	(82,172)
Euro	8/2/23	650,000	(714,244)	(3,832)
Euro	8/2/23	(10,232,000)	10,970,495	 (212,475)
				(298,479)
Total				\$ (903,831)

Janus Henderson VIT Enterprise Portfolio

Schedule of Investments (unaudited) June 30, 2023

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, 2023.

Fair Value of Derivative Instruments (not accounted for as hedging instruments) as of June 30, 2023

	Currency
	Contracts
Asset Derivatives:	
Forward foreign currency exchange contracts	\$ 7,624
Liability Derivatives:	
Forward foreign currency exchange contracts	\$911,455

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, 2023.

The effect of Derivative Instruments (not accounted for as hedging instruments) on the Statement of Operations for the period ended June 30, 2023

Derivative	Currenc
Derivative	
	Contract
Forward foreign currency exchange contracts	\$(480,492

Amount of Change in Officialized Appreciation/Depreciation Necognized on Delivatives	
	Currency
Derivative	Contracts
Forward foreign currency exchange contracts	\$(570,213)

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, 2023

Forward foreign currency exchange contracts:	
Average amounts purchased - in USD	\$2,337,767
Average amounts sold - in USD	67,822,394

Janus Henderson VIT Enterprise Portfolio

Schedule of Investments (unaudited) June 30, 2023

Offsetting of Financial Assets and Derivative Assets

	Gross Amounts of Recognized	Offsetting Asset	Collateral	
Counterparty	Assets	or Liability ^(a)	Pledged ^(b)	Net Amount
BNP Paribas	\$ 7,624	\$ -	\$ _	\$ 7,624
JPMorgan Chase Bank, National Association	840,579	_	(830,753)	9,826
Total	\$ 848,203	\$ _	\$ (830,753)	17,450

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.	\$ 154,424	\$ _	\$ _	\$ 154,424
Citibank, National Association	166,383	_	_	166,383
Goldman Sachs & Co. LLC	8,162	_	_	8,162
HSBC Securities (USA), Inc.	121,133	_	_	121,133
JPMorgan Chase Bank, National Association	162,874	_	_	162,874
State Street Bank and Trust Company	298,479	_	_	298,479
Total	\$ 911,455	\$ _	\$ _	\$ 911,455

⁽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.

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 LΡ Limited Partnership **PLC** Public Limited Company

- Non-income producing security.
- Rate shown is the 7-day yield as of June 30, 2023.
- Loaned security; a portion of the security is on loan at June 30, 2023.
- £ 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.
- Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties. Δ

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, 2023. 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	\$ 1,483,732,725	\$ -	\$ -
Investment Companies	-	34,930,098	-
Investments Purchased with Cash Collateral from Securities			
Lending	-	830,753	
Total Investments in Securities	\$ 1,483,732,725	\$ 35,760,851	\$ -
Other Financial Instruments ^(a) :			
Forward Foreign Currency Exchange Contracts	-	7,624	-
Total Assets	\$ 1,483,732,725	\$ 35,768,475	\$ -
Liabilities			
Other Financial Instruments ^(a) :			
Forward Foreign Currency Exchange Contracts	\$ -	\$ 911,455	\$ -

⁽a) Other financial instruments may 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, 2023

Assets:		
Unaffiliated investments, at value (cost \$927,915,399) ⁽¹⁾	\$	1,483,898,876
Affiliated investments, at value (cost \$35,590,460)	Ψ	35,594,700
Cash		13
Forward foreign currency exchange contracts		7,624
Trustees' deferred compensation		38,476
Receivables:		00,470
Investments sold		777,287
Dividends		710,158
Portfolio shares sold		533,435
Dividends from affiliates		161,252
Other assets		7,088
Total Assets		1,521,728,909
Liabilities:		, , ,
Collateral for securities loaned (Note 3)		830,753
Forward foreign currency exchange contracts		911,455
Payables:		
Investments purchased		3,426,844
Portfolio shares repurchased		1,290,067
Advisory fees		824,197
12b-1 Distribution and shareholder servicing fees		190,553
Transfer agent fees and expenses		66,288
Trustees' deferred compensation fees		38,476
Professional fees		23,370
Trustees' fees and expenses		8,887
Custodian fees		3,716
Affiliated portfolio administration fees payable		3,219
Accrued expenses and other payables		94,306
Total Liabilities		7,712,131
Net Assets	\$	1,514,016,778
Net Assets Consist of:		
Capital (par value and paid-in surplus)	\$	928,576,388
Total distributable earnings (loss)		585,440,390
Total Net Assets	\$	1,514,016,778
Net Assets - Institutional Shares	\$	616,795,632
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		8,411,786
Net Asset Value Per Share	\$	73.33
Net Assets - Service Shares	\$	897,221,146
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)		13,685,981
Net Asset Value Per Share	\$	65.56

See Notes to Financial Statements.

⁽¹⁾ Includes \$840,579 of securities on loan. See Note 3 in Notes to Financial Statements.

Janus Henderson VIT Enterprise Portfolio Statement of Operations (unaudited) For the period ended June 30, 2023

Investment Income:	
Dividends	\$ 7,728,11
Dividends from affiliates	1,002,51
Non-cash dividends	862,66
Affiliated securities lending income, net	7,37
Unaffiliated securities lending income, net	2,49
Other income	2,00
Foreign tax withheld	(391,830
Total Investment Income	9,213,32
Expenses:	
Advisory fees	4,605,75
12b-1 Distribution and shareholder servicing fees:	
Service Shares	1,058,39
Transfer agent administrative fees and expenses:	
Institutional Shares	148,17
Service Shares	211,65
Other transfer agent fees and expenses:	
Institutional Shares	5,10
Service Shares	4,49
Shareholder reports expense	33,05
Affiliated portfolio administration fees	28,42
Professional fees	27,50
Custodian fees	19,44
Trustees' fees and expenses	18,48
Registration fees	6,56
Other expenses	69,77
Total Expenses	6,236,82
Net Investment Income/(Loss)	2,976,50
Net Realized Gain/(Loss) on Investments:	
Investments and foreign currency transactions	20,059,65
Investments in affiliates	58
Forward foreign currency exchange contracts	(480,499
Total Net Realized Gain/(Loss) on Investments	19,579,74
Change in Unrealized Net Appreciation/Depreciation:	
Investments, foreign currency translations and Trustees' deferred compensation	153,177,47
Investments in affiliates	(56)
Forward foreign currency exchange contracts	(570,213
Total Change in Unrealized Net Appreciation/Depreciation	152,606,70
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ 175,162,95

Janus Henderson VIT Enterprise Portfolio Statements of Changes in Net Assets

	Period ended		
	June 30, 2023		Year ended
	(unaudited)	L	December 31, 2022
Operations:			
Net investment income/(loss)	\$ 2,976,503	\$	2,045,248
Net realized gain/(loss) on investments	19,579,747		106,953,153
Change in unrealized net appreciation/depreciation	152,606,706		(389,777,120)
Net Increase/(Decrease) in Net Assets Resulting from Operations	175,162,956		(280,778,719)
Dividends and Distributions to Shareholders:			
Institutional Shares	(40,454,622)		(101,837,326)
Service Shares	(65,280,194)		(150,632,250)
Net Decrease from Dividends and Distributions to Shareholders	(105,734,816)		(252,469,576)
Capital Share Transactions:			
Institutional Shares	19,477,958		47,548,097
Service Shares	51,584,166		82,852,392
Net Increase/(Decrease) from Capital Share Transactions	71,062,124		130,400,489
Net Increase/(Decrease) in Net Assets	140,490,264		(402,847,806)
Net Assets:			
Beginning of period	1,373,526,514		1,776,374,320
End of period	\$ 1,514,016,778	\$	1,373,526,514

Janus Henderson VIT Enterprise Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

For a share outstanding during the period ended June 30,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$69.58	\$100.51	\$94.21	\$85.46	\$67.02	\$70.65
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.16	0.20	0.22	0.20	0.29	0.21
Net realized and unrealized gain/(loss)	8.74	(16.86)	14.99	14.53	23.06	(0.16)
Total from Investment Operations	8.90	(16.66)	15.21	14.73	23.35	0.05
Less Dividends and Distributions:						
Dividends (from net investment income)	_	(0.17)	(0.33)	(0.06)	(0.16)	(0.18)
Distributions (from capital gains)	(5.15)	(14.10)	(8.58)	(5.92)	(4.75)	(3.50)
Total Dividends and Distributions	(5.15)	(14.27)	(8.91)	(5.98)	(4.91)	(3.68)
Net Asset Value, End of Period	\$73.33	\$69.58	\$100.51	\$94.21	\$85.46	\$67.02
Total Return*	12.98%	(15.94)%	16.83%	19.47%	35.48%	(0.41)%
Net Assets, End of Period (in thousands)	\$616,796	\$565,810	\$736,679	\$768,141	\$791,044	\$577,477
Average Net Assets for the Period (in thousands)	\$597,116	\$622,822	\$763,345	\$699,442	\$707,052	\$641,390
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.72%	0.72%	0.71%	0.72%	0.72%	0.72%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.72%	0.72%	0.71%	0.72%	0.72%	0.72%
Ratio of Net Investment Income/(Loss)	0.44%	0.28%	0.22%	0.25%	0.37%	0.29%
Portfolio Turnover Rate	6%	15%	17%	16%	14%	14%

See Notes to Financial Statements.

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 Enterprise Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

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2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$62.78	\$92.49	\$87.46	\$79.93	\$63.00	\$66.67
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.06	0.02	(0.03)	_(2)	0.09	0.03
Net realized and unrealized gain/(loss)	7.87	(15.57)	13.87	13.45	21.63	(0.12)
Total from Investment Operations	7.93	(15.55)	13.84	13.45	21.72	(0.09)
Less Dividends and Distributions:						
Dividends (from net investment income)	_	(0.06)	(0.23)	_	(0.04)	(80.0)
Distributions (from capital gains)	(5.15)	(14.10)	(8.58)	(5.92)	(4.75)	(3.50)
Total Dividends and Distributions	(5.15)	(14.16)	(8.81)	(5.92)	(4.79)	(3.58)
Net Asset Value, End of Period	\$65.56	\$62.78	\$92.49	\$87.46	\$79.93	\$63.00
Total Return*	12.84%	(16.15)%	16.54%	19.18%	35.14%	(0.65)%
Net Assets, End of Period (in thousands)	\$897,221	\$807,716	\$1,039,696	\$922,221	\$821,408	\$588,973
Average Net Assets for the Period (in thousands)	\$852,759	\$856,909	\$987,585	\$773,949	\$734,274	\$612,433
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.97%	0.96%	0.96%	0.97%	0.97%	0.97%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.97%	0.96%	0.96%	0.97%	0.97%	0.97%
Ratio of Net Investment Income/(Loss)	0.19%	0.03%	(0.03)%	0.00% ⁽³⁾	0.12%	0.04%
Portfolio Turnover Rate	6%	15%	17%	16%	14%	14%

See Notes to Financial Statements.

^{*} 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⁾ Less than \$0.005 on a per share basis.

⁽³⁾ Less than 0.005%.

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 10 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 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

Portfolio holdings are valued in accordance with policies and procedures established by the Adviser pursuant to Rule 2a-5 under the 1940 Act and approved by and subject to the oversight of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at readily available market quotations, which are (i) the official close prices or (ii) last sale prices on the primary market or exchange in which the securities 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. Foreign securities and currencies are converted to U.S. dollars using the current spot USD dollar exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Adviser will determine the market value of individual securities held by it by using prices provided by one or more Adviser-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 quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith by the Adviser pursuant to the Valuation Procedures. Circumstances in which fair valuation 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 value of the securities of other mutual funds held by the Portfolio, if any, will be calculated using the NAV of such mutual funds, and the prospectuses for such mutual funds explain the circumstances under which they use fair valuation and the effects of using fair valuation. The value of the securities of any cash management pooled investment vehicles that operate as money market funds held by the Portfolio, if any, will be calculated using the NAV of such funds.

Notes to Financial Statements (unaudited)

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 period.

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, 2023 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.

Notes to Financial Statements (unaudited)

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.

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, 2023 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

Notes to Financial Statements (unaudited)

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

Notes to Financial Statements (unaudited)

sales, and/or securities with extended settlement dates. There is no quarantee that counterparty exposure is reduced and these arrangements are dependent on the Adviser's ability to establish and maintain appropriate systems and

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

Market Risk

The value of the Portfolio's portfolio may decrease if the value of one or more issuers in the Portfolio's portfolio decreases. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's portfolio could also decrease if there are deteriorating economic or market conditions, including, but not limited to, a general decline in prices on the stock markets, a general decline in real estate markets, a decline in commodities prices, or if the market favors different types of securities than the types of securities in which the Portfolio invests. If the value of the Portfolio's portfolio decreases, the Portfolio's NAV will also decrease, which means if you sell your shares in the Portfolio you may lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Social, political, economic and other conditions and events, such as natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, including related sanctions, and social unrest, could reduce consumer demand or economic output, result in market closures, travel restrictions and/or quarantines, and generally have a significant impact on the global economies and financial markets.

- COVID-19 Pandemic. The effects of COVID-19 have contributed to increased volatility in global financial markets and have affected and may continue to affect certain countries, regions, issuers, industries and market sectors more dramatically than others. These conditions and events could have a significant impact on the Portfolio and its investments, the Portfolio's ability to meet redemption requests, and the processes and operations of the Portfolio's service providers, including the Adviser.
- Russia/Ukraine Invasion. Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

Notes to Financial Statements (unaudited)

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.

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. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. 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

Notes to Financial Statements (unaudited)

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, 2023, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$840,579. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2023 is \$830,753, resulting in the net amount due to the counterparty of \$9,826.

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, 2023" table located in the Portfolio's Schedule of Investments.

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.

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 \$9,912 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2023. The Portfolio's portion is reported as part of "Other expenses" on the Statement of Operations.

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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, 2023 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, 2023 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 \$219,100 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2023.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or non-affiliated 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, 2023 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

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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, 2023, the Portfolio engaged in cross trades amounting to \$642,737 in sales, resulting in a net realized loss of \$96,630. 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, 2023 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 7	ax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 955,958,932	\$595,544,890	\$(32,010,246)	\$	563,534,644

6. Capital Share Transactions

	Period en	ded June 30, 2023	Year ended I	December 31, 2022
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	387,124	\$28,793,427	859,419	\$ 67,479,327
Reinvested dividends and distributions	565,878	40,454,622	1,528,171	101,837,326
Shares repurchased	(673,503)	(49,770,091)	(1,585,011)	(121,768,556)
Net Increase/(Decrease)	279,499	\$19,477,958	802,579	\$ 47,548,097
Service Shares:				
Shares sold	852,798	\$56,920,372	1,300,146	\$ 92,790,148
Reinvested dividends and distributions	1,021,280	65,280,194	2,501,781	150,632,250
Shares repurchased	(1,054,430)	(70,616,400)	(2,176,698)	(160,570,006)
Net Increase/(Decrease)	819,648	\$51,584,166	1,625,229	\$ 82,852,392

7. Purchases and Sales of Investment Securities

For the period ended June 30, 2023, 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:

		Purch	hases of Long-	Proceed	s from Sales
Purchases of	Proceeds from Sales	Term U.S	S. Government	of Lor	g-Term U.S.
Securities	of Securities		Obligations	Governmen	Obligations
\$90,335,184	\$ 109,427,448	\$	-	\$	-
\$00,000,10+	Ψ 100j+21j++0	Ψ		Ψ	

Notes to Financial Statements (unaudited)

8. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2023 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; and (ii) 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.

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") 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 9-10, 2022 and December 13-14, 2022, the Trustees evaluated the information provided by the Adviser and the independent fee consultant, as well as other information provided by the Adviser and the independent fee consultant during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser were fair and reasonable in light of the nature, extent, and quality of the services provided by the Adviser and its affiliates, 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 for the period from February 1, 2023 through February 1, 2024, 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 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, 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, such as managing the execution of portfolio transactions and the selection of broker-dealers for

Additional Information (unaudited)

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 Janus Henderson Fund 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 their 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 to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory 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 had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and 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 fund 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, noting that: (i) for the 36 months ended May 31, 2022, approximately 38% of the Janus Henderson Funds were in the top two quartiles of their Broadridge peer groups; (ii) for the 36 months ended September 30, 2022, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar, and (iii) for the 12 months ended September 30, 2022, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar.

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 Adaptive Risk Managed U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Balanced Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the VIT Portfolio's performance was in the third Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022 The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge guartile for the 36 months ended May 31, 2022 and the first Broadridge guartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the evaluated performance period ended May 31, 2022. The Trustees noted that 36 month-end performance was not yet available.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge guartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance, while also noting that the VIT Portfolio has a performance fee structure that results in lower management fees during periods of underperformance, the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022.

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, as applicable, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory agreement.

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. 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 6% under the average total expenses of the respective Broadridge peer group; and (3) the management fees for the Janus Henderson Funds, on average, were 5% under the average management fees for the respective Broadridge peer 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 Janus Henderson Funds with three or more years of performance history, 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, changes in portfolio management, relative average net asset levels, and the existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

Additional Information (unaudited)

The Trustees considered the methodology used by the Adviser 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 to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser (for which the Adviser 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 different from the retail fund market; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged in these other markets; and (4) as part of its 2022 review, 9 of 11 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser. The Trustees noted that for the two Janus Henderson Funds that did not, management fees for each were under the average of its 15(c) peer group.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2021 (except for Janus Henderson Global Sustainable Equity Portfolio for which the period end was March 31, 2022) and noted the following with regard to each Janus Henderson Fund's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses") as reflected in the comparative information provided by Broadridge:

- For Janus Henderson Adaptive Risk Management U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for its sole share class.
- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group for one share class, overall the VIT Portfolio's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the VIT Portfolio's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses
 were below the peer group average for both share classes.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the VIT Portfolio's total expenses
 exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.

Additional Information (unaudited)

For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.

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 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 as part of its 2022 review 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 Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser 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 charges 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, 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 June 2022 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 from the independent fee consultant's report: (1) that 31% of Janus Henderson Funds had management fee breakpoints in place whereby investors pay lower management fees as fund AUM increases: (2) that 29% of Janus Henderson Funds have low flat-rate fees and performance fees where the Adviser is incentivized to invest in resources which drive Janus Henderson Fund performance; and (3) that 39% of Janus Henderson Funds have low flat-rate fees versus peers where investors pay low fixed fees when the Janus Henderson Fund is small/midsized and higher fees when the Janus Henderson Fund grows in assets. 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

Additional Information (unaudited)

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 Fund investors are well-served by the fee levels and performance fee structures in place on the 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 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 Janus Henderson 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. The Trustees concluded that the Adviser'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 pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser 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 third-party 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 benefits 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 receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser or other Janus Henderson Funds, and that the success of the Adviser could enhance the Adviser'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 Portfolio 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 Portfolio's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Portfolio's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Portfolio's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Portfolio's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Portfolio's use of borrowing for investment purposes; and (v) a Portfolio'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 15, 2023, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1. 2022 through December 31, 2022 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. Among other things, the Program Administrator Report indicated that there were no material changes to the LRMP during the Reporting Period, although there were certain methodology adjustments implemented relating to a change in data provider. Additionally, the findings presented in the Program Administrator Report indicated that the LRMP operated adequately during the Reporting Period. These findings included 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. Also included among the Program Administrator Report's findings was the determination that the Portfolio's investment strategy remains appropriate for an open-end fund. 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.

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.

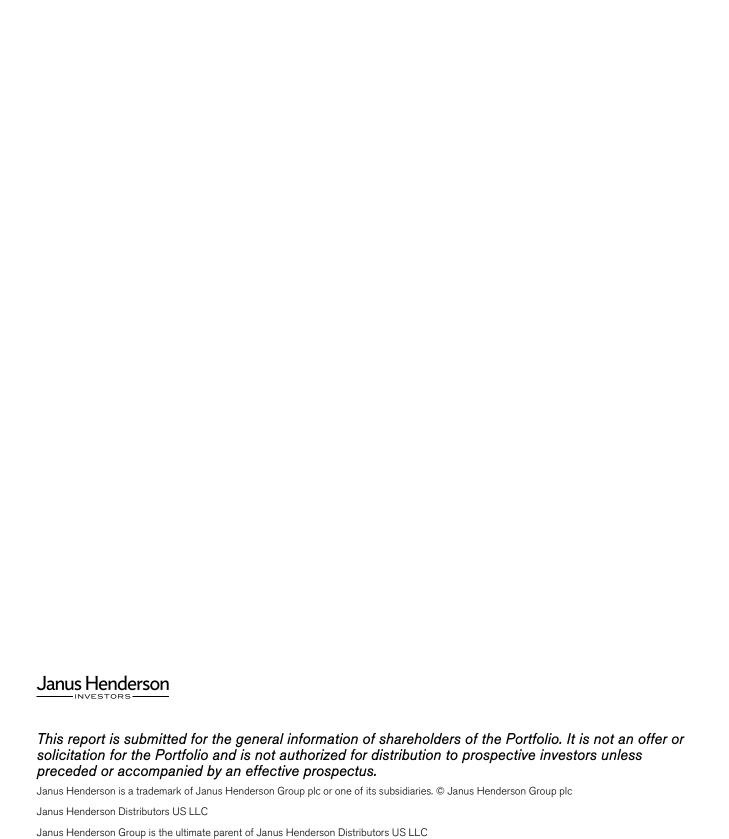
The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then 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 was replaced 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 entire portfolio is traded every six months.



Janus Henderson VIT Forty Portfolio

Janus Aspen Series

HIGHLIGHTS

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



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Janus Henderson VIT Forty Portfolio

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Brian Recht co-portfolio manager

Doug Rao co-portfolio manager

Nick Schommer co-portfolio manager

Important Notice - Tailored Shareholder Reports

Effective January 24, 2023, the Securities and Exchange Commission (the "SEC") adopted rule and form amendments that require mutual funds and exchange-traded funds to provide shareholders with streamlined annual and semi-annual shareholder reports that highlight key information. Other information, including financial statements, that currently appears in shareholder reports will be made available online, delivered free of charge to shareholders upon request, and filed with the SEC. The first tailored shareholder report for the Portfolio will be for the reporting period ending June 30, 2024. Currently, management is evaluating the impact of the rule and form amendments on the content of the Portfolio's current shareholder reports.

Janus Henderson VIT Forty Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Top Contributors - Holdings

5 To	p Detract	tors - F	loldings
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	Average	Relative	•	Average	Relative
	Weight	Contribution		Weight	Contribution
Meta Platforms Inc - Class A	2.69%	2.15%	Deere & Co	3.08%	-1.04%
Advanced Micro Devices Inc	3.64%	1.42%	Charles Schwab Corp	1.47%	-1.02%
Amazon.com Inc	5.97%	0.32%	Apple Inc	7.76%	-0.98%
Marvell Technology Inc	0.63%	0.24%	Danaher Corp	2.09%	-0.92%
CoStar Group Inc	2.89%	-0.44%	American Tower Corp	2.54%	-0.90%

5 Top Contributors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Communication Services	1.70%	5.31%	7.40%
Consumer Staples	1.33%	1.13%	5.74%
Energy	0.67%	0.00%	1.38%
Utilities	0.02%	0.00%	0.05%
Information Technology	-0.07%	41.75%	43.14%

5 Top Detractors - Sectors*

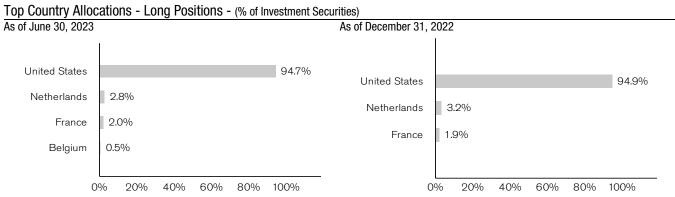
			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Health Care	-1.42%	10.03%	11.94%
Financials	-1.05%	9.68%	5.17%
Consumer Discretionary	-1.00%	15.60%	14.56%
Materials	-0.67%	3.85%	1.31%
Real Estate	-0.58%	2.54%	1.45%

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.

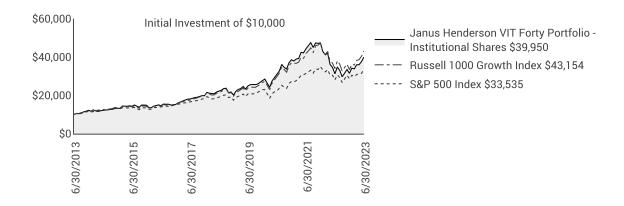
Based on sector classification according to the Global Industry Classification Standard ("GICS") codes, which are the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

Janus Henderson VIT Forty Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	98.6%
Software	10.9%	Investment Companies	1.4%
Apple Inc		Other	(0.0)%
Technology Hardware, Storage & Peripherals	8.3%		100.0%
Amazon.com Inc			
Multiline Retail	7.6%		
Mastercard Inc			
Diversified Financial Services	6.0%		
NVIDIA Corp			
Semiconductor & Semiconductor Equipment	4.3%		
	37.1%		



Janus Henderson VIT Forty Portfolio (unaudited) Performance



Average Annual Total Return - for the periods ended June 30, 2023				Prospectus Expense Ratios		
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	26.79%	27.78%	12.65%	14.86%	11.90%	0.55%
Service Shares	26.66%	27.48%	12.36%	14.57%	11.59%	0.80%
Russell 1000 Growth Index	29.02%	27.11%	15.14%	15.74%	9.19%	
S&P 500 Index	16.89%	19.59%	12.31%	12.86%	8.78%	
Morningstar Quartile - Institutional Shares	-	1st	2nd	1st	1st	
Morningstar Ranking - based on total returns for Large Growth						
Funds	-	244/1,226	345/1,102	165/1,014	8/497	

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.

High absolute short-term performance is not typical and may not be achieved in the future. Such results should not be the sole basis for evaluating material facts in making an investment decision.

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.

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

See important disclosures on the next page.

Janus Henderson VIT Forty Portfolio (unaudited) Performance

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 "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.

		Actua	al	(5%	_		
	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Net Annualized Expense Ratio (1/1/23 - 6/30/23)
Institutional							_
Shares	\$1,000.00	\$1,267.90	\$3.09	\$1,000.00	\$1,022.07	\$2.76	0.55%
Service Shares	\$1,000.00	\$1,266.60	\$4.44	\$1,000.00	\$1,020.88	\$3.96	0.79%

[†] 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, 2023

	Shares	Value
Common Stocks- 98.6%		
Aerospace & Defense – 2.1% Howmet Aerospace Inc Automobiles – 0.3%	400,432	\$19,845,410
Rivian Automotive Inc - Class A* Banks – 1.6%	196,387	3,271,807
JPMorgan Chase & Co Biotechnology – 2.8%	105,628	15,362,536
AbbVie Inc Argenx SE (ADR)*	161,832 12,737	21,803,625 4,963,991 26,767,616
Capital Markets – 3.8% Blackstone Group Inc	239,974	22,310,383
Charles Schwab Corp	245,691	13,925,766 36,236,149
Chemicals – 2.9% Linde PLC	44,315	16,887,560
Sherwin-Williams Co	40,884	10,855,520 27,743,080
Diversified Financial Services – 6.0% Mastercard Inc	146,418	57,586,199
Health Care Providers & Services – 2.5% UnitedHealth Group Inc	50,550	24,296,352
Hotels, Restaurants & Leisure – 3.3% Booking Holdings Inc*	8,381	22,631,466
Caesars Entertainment Inc*	185,991	9,479,961 32,111,427
Household Products – 1.0% Procter & Gamble Co	66,897	10,150,951
Insurance – 1.3% Progressive Corp/The Interactive Media & Services – 5.5%	97,760	12,940,491
Alphabet Inc - Class C* Meta Platforms Inc - Class A*	181,448 108,501	21,949,765 31,137,617
Life Sciences Tools & Services – 4.4%		53,087,382
Danaher Corp Illumina Inc*	99,812 100,936	23,954,880 18,924,491 42,879,371
Machinery - 2.6% Deere & Co	62,878	25,477,537
Metals & Mining – 1.0% Freeport-McMoRan Inc	241,994	9,679,760
Multiline Retail – 7.6% Amazon.com Inc*	559,677	72,959,494
Professional Services – 2.8% CoStar Group Inc*	298,489	26,565,521
Semiconductor & Semiconductor Equipment – 13.7% Advanced Micro Devices Inc* Analog Devices Inc	218,339 48,951	24,870,995 9,536,144
ASML Holding NV Marvell Technology Inc	37,119 145,070	26,901,995 8,672,285
NVIDIA Corp Texas Instruments Inc	97,215 114,904	41,123,889 20,685,018
Software – 18.3%	00.455	131,790,326
Adobe Inc* Atlassian Corp - Class A* Microsoft Corp	23,457 118,393 308,350	11,470,238 19,867,529 105,005,509

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

Schedule of Investments (unaudited) June 30, 2023

	Shares	Value
Common Stocks- (continued)		
Software- (continued)		
Workday Inc - Class A*	178,779	\$40,384,388
		176,727,664
Specialized Real Estate Investment Trusts (REITs) – 2.2%		
American Tower Corp	108,124	20,969,569
Specialty Retail – 1.8%	00.4.505	45.000.500
TJX Cos Inc	204,785	17,363,720
Technology Hardware, Storage & Peripherals – 8.3%	411 445	70.007.007
Apple Inc	411,445	79,807,987
Textiles, Apparel & Luxury Goods – 2.8% LVMH Moet Hennessy Louis Vuitton SE	20,831	19,614,792
NIKE Inc - Class B	70,929	7,828,434
NINE IIIC - Class D	10,929	27,443,226
Total Common Stocks (cost \$550,532,695)		951,063,575
Investment Companies – 1.4%		
Money Markets - 1.4%		
Janus Henderson Cash Liquidity Fund LLC, 5.1900% (cost \$13,356,407)	13,354,931	13,357,602
Total Investments (total cost \$563,889,102) – 100.0%		964,421,177
Liabilities, net of Cash, Receivables and Other Assets - (0)%		(451,430)
Net Assets – 100%		\$963,969,747

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

% of
Investment

Country	Value	Securities
United States	\$912,940,399	94.7 %
Netherlands	26,901,995	2.8
France	19,614,792	2.0
Belgium	4,963,991	0.5
Total	\$964,421,177	100.0 %

Janus Henderson VIT Forty Portfolio Schedule of Investments (unaudited)

June 30, 2023

Schedules of Affiliated Investments - (% of Net Assets)

		Dividend Income	Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/23
Investment Companies - 1.4% Money Markets - 1.4%		moome	Gann (Lood)	Doprocidion	ut 0, 00, 20
Janus Henderson Cash Liquidity Fund LLC, 5.1900‰	\$	469,824	\$ 1,063	\$ (1,058)	\$ 13,357,602
Investments Purchased with Cash Collateral from Investment Companies - N/A	om Securiti	es Lending - N/A			
Janus Henderson Cash Collateral Fund LLC, 4.9971%		1,905 [∆]	-	-	
Total Affiliated Investments - 1.4%	\$	471,729	\$ 1,063	\$ (1,058)	\$ 13,357,602

	Value at 12/31/22	Purchases	Sales Proceeds	Value at 6/30/23
Investment Companies - 1.4% Money Markets - 1.4%				
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	20,498,718	103,692,896	(110,834,017)	13,357,602
Investments Purchased with Cash Collateral from Se Investment Companies - N/A	curities Lending - N/A			
Janus Henderson Cash Collateral Fund LLC, 4.9971% Santage 1	-	38,608,935	(38,608,935)	

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.

American Depositary Receipt **ADR** LLC Limited Liability Company **PLC** Public Limited Company

Non-income producing security.

Rate shown is the 7-day yield as of June 30, 2023.

£ 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.

Net of income paid to the securities lending agent and rebates paid to the borrowing counterparties. Δ

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, 2023. See Notes to Financial Statements for more information.

Valuation Inputs Summary

	Level 1 - Quoted Prices	Level 2 - Other Significant Observable Inputs	ι	Level 3 - Significant Inobservable Inputs
Assets				
Investments In Securities:				
Common Stocks	\$ 951,063,575	\$ -	\$	-
Investment Companies	-	13,357,602		-
Total Assets	\$ 951,063,575	\$ 13,357,602	\$	=

Janus Henderson VIT Forty Portfolio Statement of Assets and Liabilities (unaudited) June 30, 2023

Assets:	
Unaffiliated investments, at value (cost \$550,532,695)	\$ 951,063,575
Affiliated investments, at value (cost \$13,356,407)	13,357,602
Cash denominated in foreign currency (cost \$17,848)	17,848
Trustees' deferred compensation	24,490
Receivables:	
Portfolio shares sold	350,132
Dividends	299,417
Dividends from affiliates	67,897
Foreign tax reclaims	7,160
Other assets	12,231
Total Assets	965,200,352
Liabilities:	
Payables:	
Portfolio shares repurchased	535,699
Advisory fees	402,769
12b-1 Distribution and shareholder servicing fees	122,550
Transfer agent fees and expenses	42,458
Professional fees	25,597
Trustees' deferred compensation fees	24,490
Trustees' fees and expenses	5,410
Affiliated portfolio administration fees payable	2,065
Custodian fees	1,561
Investments purchased	91
Accrued expenses and other payables	67,915
Total Liabilities	1,230,605
Net Assets	\$ 963,969,747
Net Assets Consist of:	
Capital (par value and paid-in surplus)	\$ 542,393,075
Total distributable earnings (loss)	421,576,672
Total Net Assets	\$ 963,969,747
Net Assets - Institutional Shares	\$ 392,173,348
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	9,127,195
Net Asset Value Per Share	\$ 42.97
Net Assets - Service Shares	\$ 571,796,399
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	14,822,565
Net Asset Value Per Share	\$ 38.58

Janus Henderson VIT Forty Portfolio Statement of Operations (unaudited) For the period ended June 30, 2023

Dividends \$ 3,969,047 Dividends from affiliates 469,824 Affiliated securities lending income, net 1,905 Unaffiliated securities lending income, net 860 Other income 136 Foreign tax withheld (44,645) Total Investment Income 2,020,960 12b-1 Distribution and shareholder servicing fees: 2,020,960 12b-1 Distribution and shareholder servicing fees: 2,020,960 12b-1 Distribution and shareholder servicing fees: 87,422 Service Shares 646,071 Institutional Shares 87,422 Service Shares 2,978 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,971 Other transfer agent fees and expenses: 2,978 Institutional Shares 3,434 Service Shares 2,971 Professional fees 11,126 Registration fees 3,411 Registration fees 3,411 Custodian fees 3,411 Ottal Expenses 3,647	Investment Income:	
Affiliated securities lending income, net 1,905 Unaffiliated securities lending income, net 860 Other income 1,36 Foreign tax withheld (44,645) Total Investment Income 4,397,127 Expenses: 2,020,960 12b-1 Distribution and shareholder servicing fees: 2,020,960 12b-1 Distribution and shareholder servicing fees: 866,071 Service Shares 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 87,422 Service Shares 2,978 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,978 Service Shares 2,978 Service Shares 11,138 Trofessional fees 33,434 Affiliated portfolio administration fees 11,128 Registration fees 33,434 Affiliated portfolio administration fees 3,411 Under Expenses 3,411 Other expenses 3,6478 Total Expenses 3	Dividends	\$ 3,969,047
Unaffiliated securities lending income, net 860 Other income 136 Foreign tax withheld (4,645) Total Investment Income 4,397,127 Expenses:	Dividends from affiliates	469,824
Other income 136 Foreign tax withheld (44,645) Total Investment Income 4,397,127 Expenses: 2,020,960 12b-1 Distribution and shareholder servicing fees: 2,020,960 12b-1 Distribution and shareholder servicing fees: 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,977 Professional fees 3,434 Affiliated portfolio administration fees 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 3,6478 Total Expenses 3,04,000 Net lavestment Income/(Loss) on Investments 1,053 Investments and foreign currency transactions 48,061,938 Investments in affiliates 48,061,938 Investments, foreign currency translations and Trustees' deferred compensation <t< td=""><td>Affiliated securities lending income, net</td><td>1,905</td></t<>	Affiliated securities lending income, net	1,905
Foreign tax withheld (44,645) Total Investment Income 4,397,127 Expenses: 2,020,960 Advisory fees 2,020,960 12b-1 Distribution and shareholder servicing fees: 646,071 Service Shares 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 129,279 Institutional Shares 2,978 Service Shares	Unaffiliated securities lending income, net	860
Total Investment Income 4,397,127 Expenses: 2,020,960 12b-1 Distribution and shareholder servicing fees: 5ervice Shares 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 129,279 Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 30,04,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,038 Investments and foreign currency transactions 48,061,038 Investments in affiliates 1,068 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments in a	Other income	136
Expenses: Advisory fees 2,020,960 12b-1 Distribution and shareholder servicing fees: 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 3,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments and foreign currency transactions 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates 1,058 Investments, foreign currency tr	Foreign tax withheld	(44,645)
Advisory fees 2,020,960 12b-1 Distribution and shareholder servicing fees: 646,071 Service Shares 646,071 Transfer agent administrative fees and expenses: 129,279 Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,061,938 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments, foreign currency tra	Total Investment Income	4,397,127
12b-1 Distribution and shareholder servicing fees: 646,071 Service Shares 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments in affliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,061,938 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments, foreign currency translations a	Expenses:	
Service Shares 646,071 Transfer agent administrative fees and expenses: 87,422 Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Realized Gain/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Otal Net Realized Gain/(Loss) on Investments 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments, in affiliates (1,058) Total Change in Unrealized Ne	Advisory fees	2,020,960
Transfer agent administrative fees and expenses: 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 19,279 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 11,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 1,063 Total Net Realized Gain/(Loss) on Investments 1,566 Investments, foreign currency translations and Trustees' deferred compensation Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates 1,57,666,890 Total Change in Unrealized Net Appreciation/Depreciation 157,6	12b-1 Distribution and shareholder servicing fees:	
Institutional Shares 87,422 Service Shares 129,279 Other transfer agent fees and expenses: 129,78 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1 Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,666,890	Service Shares	646,071
Service Shares 129,279 Other transfer agent fees and expenses: 2,978 Institutional Shares 2,9717 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058)	Transfer agent administrative fees and expenses:	
Other transfer agent fees and expenses: 2,978 Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 1,063 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation/ 157,665,832		87,422
Institutional Shares 2,978 Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) on Investments: 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832		129,279
Service Shares 2,717 Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 3,04,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Other transfer agent fees and expenses:	
Professional fees 33,434 Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 1 Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,666,890		,
Affiliated portfolio administration fees 17,139 Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Service Shares	2,717
Trustees' fees and expenses 11,126 Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments and foreign currency transactions 48,063,001 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Professional fees	33,434
Registration fees 7,342 Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: 48,061,938 Investments and foreign currency transactions 48,063,908 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Affiliated portfolio administration fees	,
Shareholder reports expense 5,643 Custodian fees 3,411 Other expenses 36,478 Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments Investments, foreign currency translations and Trustees' deferred compensation 1,063 Total Net Realized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation 1,058) Total Change in Unrealized Net Appreciation/Depreciation 1,058) Total Change in Unrealized Net Appreciation/Depreciation 1,058)	Trustees' fees and expenses	11,126
Custodian fees3,411Other expenses36,478Total Expenses3,004,000Net Investment Income/(Loss)1,393,127Net Realized Gain/(Loss) on Investments: Investments and foreign currency transactions48,061,938Investments in affiliates1,063Total Net Realized Gain/(Loss) on Investments48,063,001Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates157,666,890Total Change in Unrealized Net Appreciation/Depreciation157,665,832	Registration fees	,
Other expenses36,478Total Expenses3,004,000Net Investment Income/(Loss)1,393,127Net Realized Gain/(Loss) on Investments: Investments and foreign currency transactions48,061,938Investments in affiliates1,063Total Net Realized Gain/(Loss) on Investments48,063,001Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates157,666,890Total Change in Unrealized Net Appreciation/Depreciation157,665,832	Shareholder reports expense	5,643
Total Expenses 3,004,000 Net Investment Income/(Loss) 1,393,127 Net Realized Gain/(Loss) on Investments: Investments and foreign currency transactions 48,061,938 Investments in affiliates 1,063 Total Net Realized Gain/(Loss) on Investments 48,063,001 Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation 157,666,890 Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Custodian fees	3,411
Net Investment Income/(Loss)1,393,127Net Realized Gain/(Loss) on Investments: Investments and foreign currency transactions48,061,938Investments in affiliates1,063Total Net Realized Gain/(Loss) on Investments48,063,001Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation157,666,890Investments in affiliates(1,058)Total Change in Unrealized Net Appreciation/Depreciation157,665,832	Other expenses	
Net Realized Gain/(Loss) on Investments:48,061,938Investments and foreign currency transactions48,061,938Investments in affiliates1,063Total Net Realized Gain/(Loss) on Investments48,063,001Change in Unrealized Net Appreciation/Depreciation:157,666,890Investments, foreign currency translations and Trustees' deferred compensation157,666,890Investments in affiliates(1,058)Total Change in Unrealized Net Appreciation/Depreciation157,665,832		
Investments and foreign currency transactions Investments in affiliates Total Net Realized Gain/(Loss) on Investments Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates Total Change in Unrealized Net Appreciation/Depreciation 157,665,832		1,393,127
Investments in affiliates Total Net Realized Gain/(Loss) on Investments Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates Total Change in Unrealized Net Appreciation/Depreciation 157,665,832	Net Realized Gain/(Loss) on Investments:	
Total Net Realized Gain/(Loss) on Investments Change in Unrealized Net Appreciation/Depreciation: Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates Total Change in Unrealized Net Appreciation/Depreciation 157,665,832		, ,
Change in Unrealized Net Appreciation/Depreciation:157,666,890Investments, foreign currency translations and Trustees' deferred compensation157,666,890Investments in affiliates(1,058)Total Change in Unrealized Net Appreciation/Depreciation157,665,832		
Investments, foreign currency translations and Trustees' deferred compensation Investments in affiliates Total Change in Unrealized Net Appreciation/Depreciation 157,665,892 157,665,832	•	48,063,001
Investments in affiliates (1,058) Total Change in Unrealized Net Appreciation 157,665,832		
Total Change in Unrealized Net Appreciation/Depreciation 157,665,832		
Net Increase/(Decrease) in Net Assets Resulting from Operations \$ 207,121,960		
	Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ 207,121,960

Janus Henderson VIT Forty Portfolio Statements of Changes in Net Assets

	Period ended June 30, 2023 (unaudited)	Year ended December 31, 2022
Operations:		
Net investment income/(loss)	\$ 1,393,127	\$ 945,511
Net realized gain/(loss) on investments	48,063,001	(26,169,667)
Change in unrealized net appreciation/depreciation	157,665,832	(384,909,155)
Net Increase/(Decrease) in Net Assets Resulting from Operations	207,121,960	(410,133,311)
Dividends and Distributions to Shareholders:		
Institutional Shares	_	(57,912,332)
Service Shares	_	(88,064,766)
Net Decrease from Dividends and Distributions to Shareholders	_	(145,977,098)
Capital Share Transactions:		
Institutional Shares	(9,549,361)	22,748,415
Service Shares	(25,740,337)	82,752,521
Net Increase/(Decrease) from Capital Share Transactions	(35,289,698)	105,500,936
Net Increase/(Decrease) in Net Assets	171,832,262	(450,609,473)
Net Assets:		
Beginning of period	792,137,485	1,242,746,958
End of period	\$ 963,969,747	\$ 792,137,485

Janus Henderson VIT Forty Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30.

For a snare outstanding during the period ended June 30,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$33.89	\$61.75	\$57.00	\$44.38	\$35.20	\$39.76
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.09	0.10	(0.15)	(0.01)	0.09	0.07
Net realized and unrealized gain/(loss)	8.99	(20.82)	12.39	16.29	12.55	1.31
Total from Investment Operations	9.08	(20.72)	12.24	16.28	12.64	1.38
Less Dividends and Distributions:						
Dividends (from net investment income)	_	(0.07)	_	(0.14)	(0.06)	_
Distributions (from capital gains)	_	(7.07)	(7.49)	(3.52)	(3.40)	(5.94)
Total Dividends and Distributions	_	(7.14)	(7.49)	(3.66)	(3.46)	(5.94)
Net Asset Value, End of Period	\$42.97	\$33.89	\$61.75	\$57.00	\$44.38	\$35.20
Total Return*	26.79%	(33.55)%	22.90%	39.40%	37.16%	1.98%
Net Assets, End of Period (in thousands)	\$392,173	\$317,938	\$523,822	\$462,216	\$362,001	\$292,132
Average Net Assets for the Period (in thousands)	\$351,832	\$374,815	\$497,818	\$389,419	\$337,416	\$327,962
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.55%	0.55%	0.77%	0.76%	0.77%	0.71%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.55%	0.55%	0.77%	0.76%	0.77%	0.71%
Ratio of Net Investment Income/(Loss)	0.48%	0.25%	(0.25)%	(0.02)%	0.23%	0.17%
Portfolio Turnover Rate	19%	39%	31%	41%	35%	41%

See Notes to Financial Statements.

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 Forty Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

To a share outstanding during the period chaca durie oo,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$30.46	\$56.64	\$52.96	\$41.53	\$33.15	\$37.84
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.04	_(2)	(0.28)	(0.12)	(0.01)	(0.03)
Net realized and unrealized gain/(loss)	8.08	(19.09)	11.45	15.15	11.80	1.28
Total from Investment Operations	8.12	(19.09)	11.17	15.03	11.79	1.25
Less Dividends and Distributions:						
Dividends (from net investment income)	_	(0.02)	_	(0.08)	(0.01)	_
Distributions (from capital gains)	_	(7.07)	(7.49)	(3.52)	(3.40)	(5.94)
Total Dividends and Distributions	_	(7.09)	(7.49)	(3.60)	(3.41)	(5.94)
Net Asset Value, End of Period	\$38.58	\$30.46	\$56.64	\$52.96	\$41.53	\$33.15
Total Return*	26.66%	(33.73)%	22.60%	39.03%	36.85%	1.72%
Net Assets, End of Period (in thousands)	\$571,796	\$474,200	\$718,925	\$634,393	\$525,112	\$427,321
Average Net Assets for the Period (in thousands)	\$520,425	\$536,667	\$686,446	\$548,645	\$495,465	\$487,559
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.79%	0.80%	1.02%	1.01%	1.02%	0.96%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.79%	0.80%	1.02%	1.01%	1.02%	0.96%
Ratio of Net Investment Income/(Loss)	0.22%	0.00% ⁽³⁾	(0.50)%	(0.27)%	(0.02)%	(0.08)%
Portfolio Turnover Rate	19%	39%	31%	41%	35%	41%

See Notes to Financial Statements.

^{*} 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⁾ Less than \$0.005 on a per share basis.

⁽³⁾ Less than 0.005%.

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 10 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 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

Portfolio holdings are valued in accordance with policies and procedures established by the Adviser pursuant to Rule 2a-5 under the 1940 Act and approved by and subject to the oversight of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at readily available market quotations, which are (i) the official close prices or (ii) last sale prices on the primary market or exchange in which the securities 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. Foreign securities and currencies are converted to U.S. dollars using the current spot USD dollar exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Adviser will determine the market value of individual securities held by it by using prices provided by one or more Adviser-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 quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith by the Adviser pursuant to the Valuation Procedures. Circumstances in which fair valuation 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 value of the securities of other mutual funds held by the Portfolio, if any, will be calculated using the NAV of such mutual funds, and the prospectuses for such mutual funds explain the circumstances under which they use fair valuation and the effects of using fair valuation. The value of the securities of any cash management pooled investment vehicles that operate as money market funds held by the Portfolio, if any, will be calculated using the NAV of such funds.

Notes to Financial Statements (unaudited)

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 period.

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, 2023 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

Notes to Financial Statements (unaudited)

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.

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

Market Risk

The value of the Portfolio's portfolio may decrease if the value of one or more issuers in the Portfolio's portfolio decreases. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's portfolio could also decrease if there are deteriorating economic or market conditions, including, but not limited to, a general decline in prices on the stock markets, a general decline in real estate markets, a decline in commodities prices, or if the market favors different types of securities than the types of securities in which the Portfolio invests. If the value of the Portfolio's portfolio decreases, the Portfolio's NAV will also decrease, which means if you sell your shares in the Portfolio you may lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Social, political, economic and other conditions and events, such as natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, including related sanctions, and social unrest, could reduce consumer demand or economic output, result in market closures, travel restrictions and/or quarantines, and generally have a significant impact on the global economies and financial markets.

Notes to Financial Statements (unaudited)

- COVID-19 Pandemic. The effects of COVID-19 have contributed to increased volatility in global financial markets and have affected and may continue to affect certain countries, regions, issuers, industries and market sectors more dramatically than others. These conditions and events could have a significant impact on the Portfolio and its investments, the Portfolio's ability to meet redemption requests, and the processes and operations of the Portfolio's service providers, including the Adviser.
- Russia/Ukraine Invasion. Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

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.

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. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. 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

Notes to Financial Statements (unaudited)

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, 2023.

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

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 measurement period for 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, 2023, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.47%.

Notes to Financial Statements (unaudited)

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 \$9,912 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2023. 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, 2023 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, 2023 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 \$219,100 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2023.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or non-affiliated 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

Notes to Financial Statements (unaudited)

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, 2023 can be found in the "Schedules of Affiliated Investments" located in the Schedule of Investments.

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.

Accumulated capital losses noted below represent net capital loss carryovers, as of December 31, 2022, that may be available to offset future realized capital gains and thereby reduce future taxable gains distributions. The following table shows these capital loss carryovers.

Capital Loss Carryover Schedule For the year ended December 31, 2022

No Expira	tion		
			Accumulated
 Short-Term	Lon	g-Term	Capital Losses
\$(25,343,416)	\$	-	\$ (25,343,416)

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, 2023 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 7	ax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 567,083,937	\$411,345,351	\$(14,008,111)	\$	397,337,240

5. Capital Share Transactions

	Period ended June 30, 2023 Year ended December 31, 2022			ecember 31, 2022
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	333,712	\$ 12,666,045	560,663	\$23,960,361
Reinvested dividends and distributions	-	-	1,704,072	57,912,332
Shares repurchased	(589,148)	(22,215,406)	(1,365,258)	(59,124,278)
Net Increase/(Decrease)	(255,436)	\$ (9,549,361)	899,477	\$22,748,415
Service Shares:				
Shares sold	490,951	\$ 16,794,811	2,072,198	\$74,331,303
Reinvested dividends and distributions	-	-	2,884,206	88,064,766
Shares repurchased	(1,236,366)	(42,535,148)	(2,081,926)	(79,643,548)
Net Increase/(Decrease)	(745,415)	\$(25,740,337)	2,874,478	\$82,752,521

Notes to Financial Statements (unaudited)

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2023, 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:

		Purcl	hases of Long-	Proceeds from Sales
Purchases of	Proceeds from Sales	Term U.S	S. Government	of Long-Term U.S.
Securities	of Securities		Obligations	Government Obligations
\$163,029,195	\$ 192,409,337	\$	-	\$ -

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2023 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; and (ii) 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.

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") 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 9-10, 2022 and December 13-14, 2022, the Trustees evaluated the information provided by the Adviser and the independent fee consultant, as well as other information provided by the Adviser and the independent fee consultant during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser were fair and reasonable in light of the nature, extent, and quality of the services provided by the Adviser and its affiliates, 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 for the period from February 1, 2023 through February 1, 2024, 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 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, 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, such as managing the execution of portfolio transactions and the selection of broker-dealers for

Additional Information (unaudited)

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 Janus Henderson Fund 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 their 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 to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory 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 had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and 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 fund 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, noting that: (i) for the 36 months ended May 31, 2022, approximately 38% of the Janus Henderson Funds were in the top two quartiles of their Broadridge peer groups; (ii) for the 36 months ended September 30, 2022, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar, and (iii) for the 12 months ended September 30, 2022, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar.

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 Adaptive Risk Managed U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Balanced Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the VIT Portfolio's performance was in the third Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022 The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge guartile for the 36 months ended May 31, 2022 and the first Broadridge guartile for the 12 months ended May 31, 2022.

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the evaluated performance period ended May 31, 2022. The Trustees noted that 36 month-end performance was not yet available.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance, while also noting that the VIT Portfolio has a performance fee structure that results in lower management fees during periods of underperformance, the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022.

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, as applicable, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory agreement.

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. 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 6% under the average total expenses of the respective Broadridge peer group; and (3) the management fees for the Janus Henderson Funds, on average, were 5% under the average management fees for the respective Broadridge peer 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 Universe.

For Janus Henderson Funds with three or more years of performance history, 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, changes in portfolio management, relative average net asset levels, and the existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

Additional Information (unaudited)

The Trustees considered the methodology used by the Adviser 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 to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser (for which the Adviser 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 different from the retail fund market; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged in these other markets; and (4) as part of its 2022 review, 9 of 11 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser. The Trustees noted that for the two Janus Henderson Funds that did not, management fees for each were under the average of its 15(c) peer group.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2021 (except for Janus Henderson Global Sustainable Equity Portfolio for which the period end was March 31, 2022) and noted the following with regard to each Janus Henderson Fund's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses") as reflected in the comparative information provided by Broadridge:

- For Janus Henderson Adaptive Risk Management U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for its sole share class.
- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group for one share class, overall the VIT Portfolio's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the VIT Portfolio's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.

Additional Information (unaudited)

• For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.

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 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 as part of its 2022 review 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 Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser 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 charges 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, 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 June 2022 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 from the independent fee consultant's report: (1) that 31% of Janus Henderson Funds had management fee breakpoints in place whereby investors pay lower management fees as fund AUM increases; (2) that 29% of Janus Henderson Funds have low flat-rate fees and performance fees where the Adviser is incentivized to invest in resources which drive Janus Henderson Fund performance; and (3) that 39% of Janus Henderson Funds have low flat-rate fees versus peers where investors pay low fixed fees when the Janus Henderson Fund is small/midsized and higher fees when the Janus Henderson Fund grows in assets. 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

Additional Information (unaudited)

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 Fund investors are well-served by the fee levels and performance fee structures in place on the 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 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 Janus Henderson 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. The Trustees concluded that the Adviser'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 pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser 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 third-party 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 benefits 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 receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser or other Janus Henderson Funds, and that the success of the Adviser could enhance the Adviser'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 Portfolio 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 Portfolio's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Portfolio's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Portfolio's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Portfolio's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Portfolio's use of borrowing for investment purposes; and (v) a Portfolio'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 15, 2023, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2022 through December 31, 2022 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. Among other things, the Program Administrator Report indicated that there were no material changes to the LRMP during the Reporting Period, although there were certain methodology adjustments implemented relating to a change in data provider. Additionally, the findings presented in the Program Administrator Report indicated that the LRMP operated adequately during the Reporting Period. These findings included 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. Also included among the Program Administrator Report's findings was the determination that the Portfolio's investment strategy remains appropriate for an open-end fund. 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 guoted 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.

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.

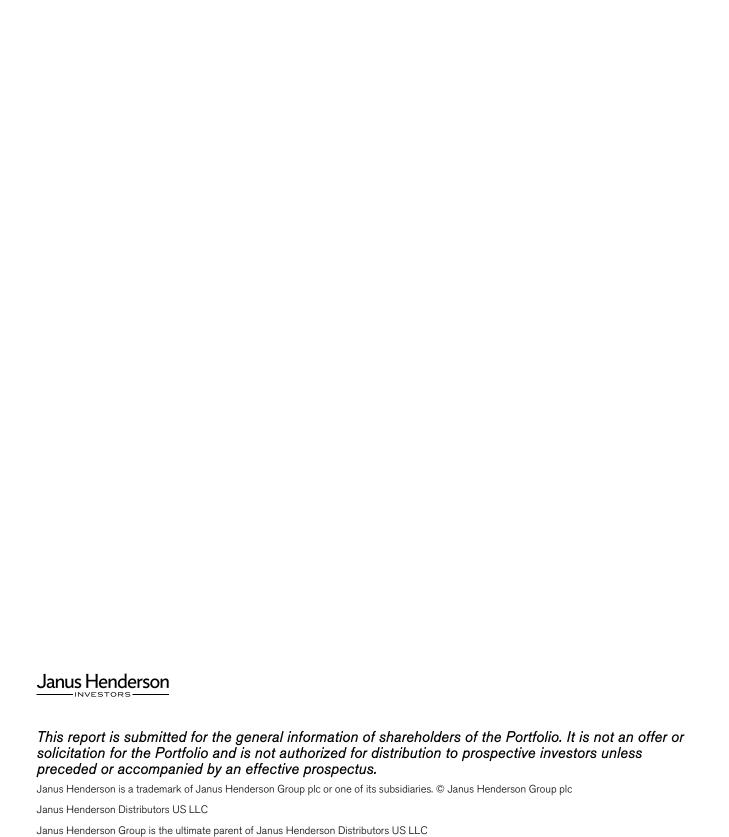
The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then 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 was replaced 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 Global Research Portfolio

Janus Aspen Series

HIGHLIGHTS

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



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Janus Henderson VIT Global Research Portfolio

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

Important Notice - Tailored Shareholder Reports

Effective January 24, 2023, the Securities and Exchange Commission (the "SEC") adopted rule and form amendments that require mutual funds and exchange-traded funds to provide shareholders with streamlined annual and semi-annual shareholder reports that highlight key information. Other information, including financial statements, that currently appears in shareholder reports will be made available online, delivered free of charge to shareholders upon request, and filed with the SEC. The first tailored shareholder report for the Portfolio will be for the reporting period ending June 30, 2024. Currently, management is evaluating the impact of the rule and form amendments on the content of the Portfolio's current shareholder reports.

Janus Henderson VIT Global Research Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Top Contributors - Holdings

5 Top Detractors - Holdings

	Average	Relative		Average	Relative
	Weight	Contribution		Weight	Contribution
NVIDIA Corp	1.66%	0.42%	Meta Platforms Inc - Class A	0.52%	-0.45%
ASML Holding NV	2.17%	0.34%	Tesla Inc	0.40%	-0.45%
Microsoft Corp	5.00%	0.32%	Charles Schwab Corp	0.77%	-0.35%
Uber Technologies Inc	0.80%	0.29%	JD.Com Inc - Class A	0.45%	-0.33%
Ferguson PLC	2.00%	0.22%	T-Mobile US Inc	1.85%	-0.29%

5 Top Contributors - Sectors*

			MSCI World
	Relative	Portfolio	Index
	Contribution	Average Weight	Average Weight
Consumer	0.87%	16.02%	15.85%
Technology	0.81%	19.37%	19.21%
Financials	0.47%	17.80%	17.80%
Energy	0.14%	7.83%	8.04%
Healthcare	0.13%	13.59%	13.55%

3 Top Detractors - Sectors*

			MSCI World
	Relative	Portfolio	Index
	Contribution	Average Weight	Average Weight
Communications	-0.56%	7.70%	8.19%
Industrials	-0.07%	17.53%	17.23%
Other**	-0.02%	0.16%	0.13%

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.

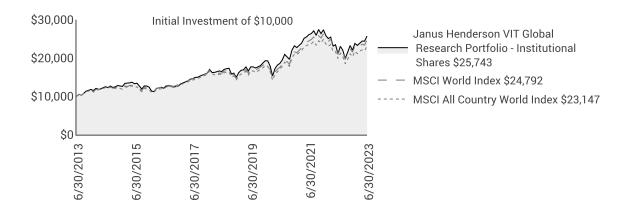
^{**} Not a GICS classified sector.

Janus Henderson VIT Global Research Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	98.9%
Software	5.5%	Preferred Stocks	0.9%
Apple Inc		Investments Purchased with Cash	
Technology Hardware, Storage & Peripherals	5.0%	Collateral from Securities Lending	0.2%
Alphabet Inc - Class C		Private Placements	0.1%
Interactive Media & Services	2.6%	Investment Companies	0.0%
Amazon.com Inc		Other	(0.1)%
Multiline Retail	2.4%		100.0%
NVIDIA Corp			
Semiconductor & Semiconductor Equipment	2.4%		
	17.9%		



Janus Henderson VIT Global Research Portfolio (unaudited) Performance



Average Annual Total Return - f	or the periods	ended Ju	ne 30, 20:	23		Prospectus Expense Ratios
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	16.65%	21.38%	9.32%	9.92%	8.52%	0.64%
Service Shares	16.49%	21.07%	9.05%	9.64%	8.25%	0.89%
MSCI World Index	15.09%	18.51%	9.07%	9.50%	7.38%	
MSCI All Country World Index	13.93%	16.53%	8.10%	8.75%	N/A**	
Morningstar Quartile - Institutional						
Shares	-	2nd	2nd	2nd	2nd	
Morningstar Ranking - based on total						
returns for World Large Stock Funds	-	97/360	99/299	118/244	49/87	

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.

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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 "Useful Information About Your Portfolio Report."

See important disclosures on the next page.

Janus Henderson VIT Global Research Portfolio (unaudited) Performance

^{*}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.

		_					
	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Net Annualized Expense Ratio (1/1/23 - 6/30/23)
Institutional							_
Shares	\$1,000.00	\$1,166.50	\$3.38	\$1,000.00	\$1,021.67	\$3.16	0.63%
Service Shares	\$1,000.00	\$1,164.90	\$4.72	\$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, 2023

	Shares or Principal Amounts	Value
Common Stocks- 98.9% Aerospace & Defense - 3.0%	,	
Airbus SE BAE Systems PLC General Dynamics Corp	56,623 887,768 18,994	\$8,177,347 10,449,900 4,086,559 22,713,806
Air Freight & Logistics – 1.3% United Parcel Service Inc Airlines – 0.5%	53,916	9,664,443
Ryanair Holdings PLC (ADR)* Automobiles – 0.3%	33,066	3,657,100
Tesla Inc* Banks – 6.1%	8,965	2,346,768
Bank of America Corp BNP Paribas SA HDFC Bank Ltd JPMorgan Chase & Co Natwest Group PLC Toronto-Dominion Bank/The UniCredit SpA	209,954 108,574 169,847 94,202 1,752,981 80,444 253,653	6,023,580 6,837,777 3,522,778 13,700,739 5,360,022 4,986,605 5,885,294 46,316,795
Beverages – 4.0% Constellation Brands Inc - Class A Monster Beverage Corp Pernod Ricard SA	48,364 91,672 58,911	11,903,831 5,265,640 13,009,772
Biotechnology – 2.2% Amgen Inc Argenx SE (ADR)* Ascendis Pharma A/S (ADR)* Madrigal Pharmaceuticals Inc* Sarepta Therapeutics Inc* Vertex Pharmaceuticals Inc*	12,750 6,710 14,714 5,250 28,400 15,521	30,179,243 2,830,755 2,615,088 1,313,225 1,212,750 3,252,368 5,461,995
Capital Markets – 3.0% Blackstone Group Inc Charles Schwab Corp LPL Financial Holdings Inc Morgan Stanley State Street Corp	55,443 100,515 20,800 60,936 31,268	16,686,181 5,154,536 5,697,190 4,522,544 5,203,934 2,288,192 22,866,396
Chemicals – 2.9% Linde PLC Sherwin-Williams Co	39,166 26,345	14,925,379 6,995,124 21,920,503
Consumer Finance – 1.0% Capital One Financial Corp OneMain Holdings Inc	44,146 59,115	4,828,248 2,582,734
Diversified Financial Services – 4.1% Apollo Global Management Inc Global Payments Inc Mastercard Inc Visa Inc	66,732 30,737 30,781 46,759	7,410,982 5,125,685 3,028,209 12,106,167 11,104,327 31,364,388
Electric Utilities – 0.4% NextEra Energy Inc	40,836	3,030,031
Electronic Equipment, Instruments & Components – 1.0% Hexagon AB - Class B	634,678	7,814,637

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, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued)		
Entertainment – 1.9% Liberty Media Corp-Liberty Formula One* Netflix Inc* Nexon Co Ltd	104,059 9,039 124,800	\$7,833,562 3,981,589 2,376,113
Health Care Equipment & Supplies – 1.6%		14,191,264
Abbott Laboratories Boston Scientific Corp* Dentsply Sirona Inc Edwards Lifesciences Corp*	30,366 87,830 47,409 24,404	3,310,501 4,750,725 1,897,308 2,302,029 12,260,563
Health Care Providers & Services – 1.3%		
Centene Corp* Humana Inc UnitedHealth Group Inc	51,225 9,708 4,638	3,455,126 4,340,738 2,229,208 10,025,072
Hotels, Restaurants & Leisure – 3.5%		
Booking Holdings Inc* Entain PLC	3,255 411,176	8,789,574 6,641,218
McDonald's Corp	37,489	11,187,093
Independent Power and Renewable Electricity Producers – 1.6%		26,617,885
RWE AG Vistra Energy Corp	68,753 359,685	2,990,892 9,441,731
Insurance – 2.7%		12,432,623
AIA Group Ltd	456,200	4,605,258
Aon PLC - Class A Beazley PLC	12,996 273,076	4,486,219 2,042,357
Intact Financial Corp Progressive Corp/The	13,333 56,879	2,058,834
	50,679	7,529,073 20,721,741
Interactive Media & Services – 4.3% Alphabet Inc - Class C*	164,776	19,932,953
Meta Platforms Inc - Class A*	45,354	13,015,691
Life Sciences Tools & Services – 1.2%		32,948,644
Danaher Corp Thermo Fisher Scientific Inc	14,618 10,067	3,508,320 5,252,457
Machinery – 3.4%	,	8,760,777
Atlas Ćopco AB - Class A	634,580	9,146,569
Deere & Co Parker-Hannifin Corp	19,802 21,830	8,023,572 8,514,573
Metals & Mining – 2.3%	·	25,684,714
Freeport-McMoRan Inc	118,853	4,754,120
Rio Tinto PLC Teck Resources Ltd	57,784 215,799	3,658,046 9,080,958
Multiline Retail – 2.9%		17,493,124
Amazon.com Inc*	141,709	18,473,185
JD.Com Inc - Class A	197,309	3,333,935 21,807,120
Oil, Gas & Consumable Fuels – 5.3% Canadian Natural Resources Ltd [#]	137,980	7,758,380
Cheniere Energy Inc	18,831	2,869,091
ConocoPhillips EOG Resources Inc	70,872 51,284	7,343,048 5,868,941

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, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued) Oil, Gas & Consumable Fuels- (continued)	,	
Marathon Petroleum Corp	72,005	\$8,395,783
Suncor Energy Inc	170,838	5,011,902
TotalEnergies SE	57,381	3,290,059 40,537,204
Personal Products – 1.6%	020.400	
Unilever PLC Pharmaceuticals – 6.4%	238,460	12,413,314
AstraZeneca PLC	79,751	11,418,896
Catalent Inc*	30,328	1,315,022
Eli Lilly & Co	7,552	3,541,737
Merck & Co Inc Novartis AG	78,263 59,533	9,030,768 5,987,897
Novo Nordisk A/S	26,624	4,290,279
Organon & Co	58,696	1,221,464
Roche Holding AG	16,928	5,174,126
Sanofi	44,639	4,782,872
Zoetis Inc	12,622	2,173,635 48,936,696
Road & Rail - 0.8%		40,930,090
Uber Technologies Inc*	132,085	5,702,109
Semiconductor & Semiconductor Equipment – 8.2%	45.000	- 100-11
Advanced Micro Devices Inc* ASML Holding NV	47,990 22,546	5,466,541 16,309,694
Lam Research Corp	6,815	4,381,091
Marvell Technology Inc	71,076	4,248,923
NVIDIA Corp	43,045	18,208,896
Taiwan Semiconductor Manufacturing Co Ltd	511,000	9,452,630
Texas Instruments Inc	23,967	4,314,539 62,382,314
Software - 8.5%		02,002,014
Atlassian Corp - Class A*	7,155	1,200,681
Autodesk Inc*	11,200	2,291,632
Constellation Software Inc/Canada Microsoft Corp	1,355 123,959	2,807,753 42,212,998
ServiceNow Inc*	3,789	2,129,304
Synopsys Inc*	16,687	7,265,687
Workday Inc - Class A*	28,994	6,549,455
Charlette Datail 100%		64,457,510
Specialty Retail – 1.2% O'Reilly Automotive Inc*	9,422	9,000,837
Technology Hardware, Storage & Peripherals – 5.0%	0,122	0,000,001
Apple Inc	194,016	37,633,284
Textiles, Apparel & Luxury Goods – 1.9%	0.000	0.001.001
LVMH Moet Hennessy Louis Vuitton SE Moncler SpA	6,692 40,699	6,301,291 2,812,708
NIKE Inc - Class B	47,529	5,245,776
		14,359,775
Trading Companies & Distributors – 1.8%	07.000	13,857,384
Ferguson PLC Wireless Telecommunication Services – 1.7%	87,938	13,607,364
T-Mobile US Inc*	93,866	13,037,987
Total Common Stocks (cost \$494,750,471)	·	751,233,214
Preferred Stocks- 0.9%		
Automobiles – 0.9%	50405	0.500.05.4
Dr Ing hc F Porsche AG (144A) (cost \$4,266,188)	53,105	6,590,974
Private Placements- 0.1% Health Care Providers & Services - 0.1%		
API Holdings Private Ltd*.6.8 (cost \$2,347,416)	3,231,470	1,149,651
	-,,	.,,

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, 2023

	Shares or Principal Amounts		Value
Investment Companies- 0%	•		
Money Markets - 0%			
Janus Henderson Cash Liquidity Fund LLC, 5.1900% (cost \$46,291)	46,282		\$46,291
Investments Purchased with Cash Collateral from Securities Lending- 0.2%			
Investment Companies – 0.2%			
Janus Henderson Cash Collateral Fund LLC, 4.9971%°°,£	1,169,000		1,169,000
Time Deposits – 0%			
Royal Bank of Canada, 5.0600%, 7/3/23	\$292,250		292,250
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$1,46	1,250)		1,461,250
Total Investments (total cost \$502,871,616) - 100.1%		76	60,481,380
Liabilities, net of Cash, Receivables and Other Assets - (0.1)%			(579,218)
Net Assets – 100%		\$7!	59,902,162

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

		% of Investment
Country	Value	Securities
United States	\$535,365,229	70.4 %
France	42,399,118	5.6
United Kingdom	39,570,439	5.2
Canada	31,704,432	4.2
Netherlands	28,723,008	3.8
Sweden	16,961,206	2.2
Switzerland	11,162,023	1.5
Germany	9,581,866	1.3
Taiwan	9,452,630	1.2
Italy	8,698,002	1.1
Denmark	5,603,504	0.7
India	4,672,429	0.6
Hong Kong	4,605,258	0.6
Ireland	3,657,100	0.5
China	3,333,935	0.4
Belgium	2,615,088	0.4
Japan	2,376,113	0.3
Total	\$760,481,380	100.0 %

Schedule of Investments (unaudited) June 30, 2023

Schedules of Affiliated Investments - (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/23
Investment Companies - 0.0% Money Markets - 0.0%						
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	\$	9,557	\$	(49)	\$ -	\$ 46,291
Investments Purchased with Cash Collateral fr Investment Companies - 0.2%	om Securitie	es Lending - 0.2%	6			
Janus Henderson Cash Collateral Fund LLC, 4.9971%		2,456 [∆]		-	-	1,169,000
Total Affiliated Investments - 0.2%	\$	12,013	\$	(49)	\$ -	\$ 1,215,291

	Value at 12/31/22	Purchases	Sales Proceeds	Value at 6/30/23
Investment Companies - 0.0% Money Markets - 0.0%				
Janus Henderson Cash Liquidity Fund LLC, 5.1900% [∞]	558,126	15,093,339	(15,605,125)	46,291
Investments Purchased with Cash Collateral from S Investment Companies - 0.2%	ecurities Lending - 0.2%			
Janus Henderson Cash Collateral Fund LLC, 4.9971%	-	16,139,830	(14,970,830)	1,169,000

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	\$ 1,405,707	\$ _	\$ (1,405,707) \$	_

⁽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.

Notes to Schedule of Investments and Other Information (unaudited)

MSCI All Country World IndexSM reflects the equity market performance of global developed and emerging MSCI All Country World IndexSM

MSCI World IndexSM MSCI World IndexSM reflects the equity market performance of global developed markets.

ADR American Depositary Receipt LLC Limited Liability Company PLC Public Limited Company

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, 2023 is \$6,590,974, which represents 0.9% of net assets.

- Non-income producing security.
- Rate shown is the 7-day yield as of June 30, 2023.
- Loaned security; a portion of the security is on loan at June 30, 2023.
- Security is valued using significant unobservable inputs. The total value of Level 3 securities as of the period ended June 30, 2023 is ¢ \$1,149,651, which represents 0.1% of net assets.
- £ 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, 2023)

				Value as a
	Acquisition			% of Net
	Date	Cost	Value	Assets
API Holdings Private Ltd	9/27/21	\$ 2,347,416	\$ 1,149,651	0.1%

The Portfolio has registration rights for certain restricted securities held as of June 30, 2023. The issuer incurs all registration costs.

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, 2023. 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	\$ 751,233,214	\$ -	\$ -
Preferred Stocks	6,590,974	-	-
Private Placements	-	-	1,149,651
Investment Companies	-	46,291	-
Investments Purchased with Cash Collateral from Securities			
Lending	-	1,461,250	-
Total Assets	\$ 757,824,188	\$ 1,507,541	\$ 1,149,651

Statement of Assets and Liabilities (unaudited) June 30, 2023

Assets:	
Unaffiliated investments, at value (cost \$501,656,325) ⁽¹⁾	\$ 759,266,089
Affiliated investments, at value (cost \$1,215,291)	1,215,291
Cash denominated in foreign currency (cost \$64,753)	64,753
Trustees' deferred compensation	19,309
Receivables:	
Investments sold	1,743,832
Dividends	590,831
Foreign tax reclaims	437,883
Portfolio shares sold	69,259
Dividends from affiliates	1,470
Other assets	17,846
Total Assets	763,426,563
Liabilities:	
Due to custodian	503
Collateral for securities loaned (Note 2)	1,461,250
Payables:	
Investments purchased	1,170,929
Advisory fees	343,590
Portfolio shares repurchased	339,082
12b-1 Distribution and shareholder servicing fees	47,229
Transfer agent fees and expenses	33,803
Professional fees	27,711
Trustees' deferred compensation fees	19,309
Custodian fees	5,957
Trustees' fees and expenses	4,550
Foreign tax liability	1,818
Affiliated portfolio administration fees payable	1,636
Accrued expenses and other payables	67,034
Total Liabilities	3,524,401
Net Assets	\$ 759,902,162
Net Assets Consist of:	
Capital (par value and paid-in surplus)	\$ 484,900,783
Total distributable earnings (loss) (includes \$1,818 of foreign capital gains tax)	275,001,379
Total Net Assets	\$ 759,902,162
Net Assets - Institutional Shares	\$ 540,565,476
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	9,580,540
Net Asset Value Per Share	\$ 56.42
Net Assets - Service Shares	\$ 219,336,686
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	4,022,737
Net Asset Value Per Share	\$ 54.52

See Notes to Financial Statements.

⁽¹⁾ Includes \$1,405,707 of securities on loan. See Note 2 in Notes to Financial Statements.

Statement of Operations (unaudited) For the period ended June 30, 2023

Investment Income:	
Dividends	\$ 6,979,286
Dividends from affiliates	9,557
Affiliated securities lending income, net	2,456
Unaffiliated securities lending income, net	476
Other income	375
Foreign tax withheld	(431,259)
Total Investment Income	6,560,891
Expenses:	
Advisory fees	1,893,058
12b-1 Distribution and shareholder servicing fees:	
Service Shares	260,280
Transfer agent administrative fees and expenses:	
Institutional Shares	127,377
Service Shares	52,049
Other transfer agent fees and expenses:	
Institutional Shares	4,491
Service Shares	1,166
Professional fees	37,291
Custodian fees	18,849
Shareholder reports expense	18,079
Affiliated portfolio administration fees	14,115
Trustees' fees and expenses	9,316
Registration fees	6,351
Other expenses	61,931
Total Expenses	2,504,353
Net Investment Income/(Loss)	4,056,538
Net Realized Gain/(Loss) on Investments:	
Investments and foreign currency transactions	16,984,737
Investments in affiliates	(49)
Total Net Realized Gain/(Loss) on Investments	16,984,688
Change in Unrealized Net Appreciation/Depreciation:	
Investments, foreign currency translations and Trustees' deferred compensation	 89,675,136
Total Change in Unrealized Net Appreciation/Depreciation	89,675,136
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ 110,716,362

Janus Henderson VIT Global Research Portfolio Statements of Changes in Net Assets

	Period ended June 30, 2023 (unaudited)	Year ended December 31, 2022
Operations:		_
Net investment income/(loss)	\$ 4,056,538	\$ 6,731,428
Net realized gain/(loss) on investments	16,984,688	20,100,321
Change in unrealized net appreciation/depreciation	89,675,136	(202,069,524)
Net Increase/(Decrease) in Net Assets Resulting from Operations	110,716,362	(175,237,775)
Dividends and Distributions to Shareholders:		
Institutional Shares	(17,640,366)	(63,786,707)
Service Shares	(7,198,323)	(26,449,252)
Net Decrease from Dividends and Distributions to Shareholders	(24,838,689)	(90,235,959)
Capital Share Transactions:		
Institutional Shares	(2,761,475)	16,928,478
Service Shares	(4,915,806)	17,471,980
Net Increase/(Decrease) from Capital Share Transactions	(7,677,281)	34,400,458
Net Increase/(Decrease) in Net Assets	78,200,392	(231,073,276)
Net Assets:		
Beginning of period	681,701,770	912,775,046
End of period	\$ 759,902,162	\$ 681,701,770

Janus Henderson VIT Global Research Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

For a share outstanding during the period ended June 50,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$50.02	\$71.28	\$63.62	\$56.59	\$47.13	\$51.20
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.32	0.53	0.39	0.39	0.60	0.62
Net realized and unrealized gain/(loss)	7.98	(14.52)	10.90	10.04	12.67	(4.09)
Total from Investment Operations	8.30	(13.99)	11.29	10.43	13.27	(3.47)
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.31)	(0.60)	(0.36)	(0.41)	(0.54)	(0.60)
Distributions (from capital gains)	(1.59)	(6.67)	(3.27)	(2.99)	(3.27)	_
Total Dividends and Distributions	(1.90)	(7.27)	(3.63)	(3.40)	(3.81)	(0.60)
Net Asset Value, End of Period	\$56.42	\$50.02	\$71.28	\$63.62	\$56.59	\$47.13
Total Return*	16.65%	(19.41)%	18.09%	20.06%	29.04%	(6.87)%
Net Assets, End of Period (in thousands)	\$540,565	\$482,188	\$653,853	\$600,868	\$539,915	\$463,402
Average Net Assets for the Period (in thousands)	\$513,187	\$529,234	\$636,425	\$516,468	\$511,859	\$533,418
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.63%	0.64%	0.77%	0.84%	0.79%	0.60%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.63%	0.64%	0.77%	0.84%	0.79%	0.60%
Ratio of Net Investment Income/(Loss)	1.20%	0.98%	0.57%	0.72%	1.13%	1.19%
Portfolio Turnover Rate	12%	32%	20%	33%	36%	36%

See Notes to Financial Statements.

^{*} 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,

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2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$48.41	\$69.31	\$62.00	\$55.27	\$46.15	\$50.17
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.25	0.38	0.21	0.25	0.45	0.48
Net realized and unrealized gain/(loss)	7.70	(14.11)	10.62	9.77	12.39	(4.00)
Total from Investment Operations	7.95	(13.73)	10.83	10.02	12.84	(3.52)
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.25)	(0.50)	(0.25)	(0.30)	(0.45)	(0.50)
Distributions (from capital gains)	(1.59)	(6.67)	(3.27)	(2.99)	(3.27)	_
Total Dividends and Distributions	(1.84)	(7.17)	(3.52)	(3.29)	(3.72)	(0.50)
Net Asset Value, End of Period	\$54.52	\$48.41	\$69.31	\$62.00	\$55.27	\$46.15
Total Return*	16.49%	(19.61)%	17.80%	19.76%	28.71%	(7.08)%
Net Assets, End of Period (in thousands)	\$219,337	\$199,513	\$258,922	\$235,787	\$214,425	\$180,168
Average Net Assets for the Period (in thousands)	\$209,740	\$215,111	\$248,792	\$206,127	\$198,883	\$206,497
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.88%	0.89%	1.02%	1.09%	1.04%	0.85%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.88%	0.89%	1.02%	1.09%	1.04%	0.85%
Ratio of Net Investment Income/(Loss)	0.95%	0.73%	0.32%	0.47%	0.88%	0.94%
Portfolio Turnover Rate	12%	32%	20%	33%	36%	36%

See Notes to Financial Statements.

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 10 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 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

Portfolio holdings are valued in accordance with policies and procedures established by the Adviser pursuant to Rule 2a-5 under the 1940 Act and approved by and subject to the oversight of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at readily available market quotations, which are (i) the official close prices or (ii) last sale prices on the primary market or exchange in which the securities 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. Foreign securities and currencies are converted to U.S. dollars using the current spot USD dollar exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Adviser will determine the market value of individual securities held by it by using prices provided by one or more Adviser-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 quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith by the Adviser pursuant to the Valuation Procedures. Circumstances in which fair valuation 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 value of the securities of other mutual funds held by the Portfolio, if any, will be calculated using the NAV of such mutual funds, and the prospectuses for such mutual funds explain the circumstances under which they use fair valuation and the effects of using fair valuation. The value of the securities of any cash management pooled investment vehicles that operate as money market funds held by the Portfolio, if any, will be calculated using the NAV of such funds.

Notes to Financial Statements (unaudited)

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 period.

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, 2023 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.

The Portfolio did not hold a significant amount of Level 3 securities as of June 30, 2023.

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.

Notes to Financial Statements (unaudited)

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.

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

Market Risk

The value of the Portfolio's portfolio may decrease if the value of one or more issuers in the Portfolio's portfolio decreases. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's portfolio could also decrease if there are deteriorating economic or market conditions, including, but not limited to, a general decline in prices on the stock markets, a general decline in real estate markets, a decline in commodities prices, or if the market favors different types of securities than the types of securities in which the Portfolio invests. If the value of the Portfolio's portfolio decreases, the Portfolio's NAV will also decrease, which means if you sell your shares in the Portfolio you may lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Social, political, economic and other conditions and events, such as natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, including related sanctions, and social unrest, could

Notes to Financial Statements (unaudited)

reduce consumer demand or economic output, result in market closures, travel restrictions and/or quarantines, and generally have a significant impact on the global economies and financial markets.

- COVID-19 Pandemic. The effects of COVID-19 have contributed to increased volatility in global financial markets and have affected and may continue to affect certain countries, regions, issuers, industries and market sectors more dramatically than others. These conditions and events could have a significant impact on the Portfolio and its investments, the Portfolio's ability to meet redemption requests, and the processes and operations of the Portfolio's service providers, including the Adviser.
- Russia/Ukraine Invasion. Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

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.

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.

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. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. 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

Notes to Financial Statements (unaudited)

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, 2023, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$1,405,707. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2023 is \$1,461,250, resulting in the net amount due to the counterparty of \$55,543.

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.

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 0.60%, and the Portfolio's benchmark index used in the calculation is the MSCI World IndexSM.

Notes to Financial Statements (unaudited)

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 ±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 measurement period for 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, 2023, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.53%.

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 \$9,912 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2023. 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 gualified 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 gualified 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.

Notes to Financial Statements (unaudited)

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, 2023 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, 2023 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 \$219,100 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2023.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or non-affiliated 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, 2023 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, 2023, the Portfolio engaged in cross trades amounting to \$31,220 in sales, resulting in a net realized loss of \$4,221. The net realized loss is included within the "Net Realized Gain/(Loss) on Investments" section of the Portfolio's Statement of Operations.

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, 2023 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 7	ax Appreciation/
Federal Tax Cost	Appreciation	(Depreciation)		(Depreciation)
\$ 504,052,315	\$275,964,908	\$(19,535,843)	\$	256,429,065

5. Capital Share Transactions

	Period en	ded June 30, 2023	Year ended December 31, 2022	
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	75,747	\$ 4,114,104	161,352	\$ 9,671,194
Reinvested dividends and distributions	317,330	17,640,366	1,295,052	63,786,707
Shares repurchased	(451,589)	(24,515,945)	(989,945)	(56,529,423)
Net Increase/(Decrease)	(58,512)	\$(2,761,475)	466,459	\$16,928,478
Service Shares:				
Shares sold	70,307	\$ 3,729,112	263,433	\$14,579,709
Reinvested dividends and distributions	133,997	7,198,323	554,610	26,449,252
Shares repurchased	(302,829)	(15,843,241)	(432,505)	(23,556,981)
Net Increase/(Decrease)	(98,525)	\$(4,915,806)	385,538	\$17,471,980

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2023, 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:

		Purch	hases of Long-	Proceeds	s from Sales
Purchases of	Proceeds from Sales	Term U.S	S. Government	of Lon	g-Term U.S.
Securities	of Securities		Obligations	Government	Obligations
\$85,921,128	\$ 114,288,803	\$	=	\$	-

7. Recent Accounting Pronouncements

The FASB issued Accounting Standards Update 2022-03: Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions ("ASU 2022-03") in June 2022. The new guidance in the ASU clarifies existing guidance in ASC 820 related to the fair value measurement of an equity security subject to contractual sale restrictions with the intent to reduce diversity in interpretation. Under the guidance, a contractual restriction on the sale of an equity security would not be considered when measuring fair value as such restriction is not treated as part of the equity security's unit of account. The amendments would be applied prospectively on or after adoption date to equity securities with a

Notes to Financial Statements (unaudited)

contract containing a sale restriction that is executed or modified after such date. The effective date set by the FASB is December 15, 2023, with early adoption permitted. The Adviser is currently evaluating whether to early adopt and does not anticipate it to have a material impact on the Fund.

8. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2023 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; and (ii) 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.

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") 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 9-10, 2022 and December 13-14, 2022, the Trustees evaluated the information provided by the Adviser and the independent fee consultant, as well as other information provided by the Adviser and the independent fee consultant during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser were fair and reasonable in light of the nature, extent, and quality of the services provided by the Adviser and its affiliates, 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 for the period from February 1, 2023 through February 1, 2024, 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 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, 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, such as managing the execution of portfolio transactions and the selection of broker-dealers for

Additional Information (unaudited)

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 Janus Henderson Fund 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 their 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 to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory 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 had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and 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 fund 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, noting that: (i) for the 36 months ended May 31, 2022, approximately 38% of the Janus Henderson Funds were in the top two quartiles of their Broadridge peer groups; (ii) for the 36 months ended September 30, 2022, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar, and (iii) for the 12 months ended September 30, 2022, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar.

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 Adaptive Risk Managed U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Balanced Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the VIT Portfolio's performance was in the third Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022 The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge guartile for the 36 months ended May 31, 2022 and the first Broadridge guartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the evaluated performance period ended May 31, 2022. The Trustees noted that 36 month-end performance was not yet available.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge guartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance, while also noting that the VIT Portfolio has a performance fee structure that results in lower management fees during periods of underperformance, the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022.

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, as applicable, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory agreement.

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. 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 6% under the average total expenses of the respective Broadridge peer group; and (3) the management fees for the Janus Henderson Funds, on average, were 5% under the average management fees for the respective Broadridge peer 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 Janus Henderson Funds with three or more years of performance history, 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, changes in portfolio management, relative average net asset levels, and the existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

Janus Henderson VIT Global Research Portfolio Additional Information (unaudited)

The Trustees considered the methodology used by the Adviser 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 to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser (for which the Adviser 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 different from the retail fund market; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged in these other markets; and (4) as part of its 2022 review, 9 of 11 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser. The Trustees noted that for the two Janus Henderson Funds that did not, management fees for each were under the average of its 15(c) peer group.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2021 (except for Janus Henderson Global Sustainable Equity Portfolio for which the period end was March 31, 2022) and noted the following with regard to each Janus Henderson Fund's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses") as reflected in the comparative information provided by Broadridge:

- For Janus Henderson Adaptive Risk Management U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for its sole share class.
- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group for one share class, overall the VIT Portfolio's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the VIT Portfolio's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses
 were below the peer group average for both share classes.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.

Janus Henderson VIT Global Research Portfolio **Additional Information (unaudited)**

For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.

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 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 as part of its 2022 review 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 Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser 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 charges 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, 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 June 2022 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 from the independent fee consultant's report: (1) that 31% of Janus Henderson Funds had management fee breakpoints in place whereby investors pay lower management fees as fund AUM increases: (2) that 29% of Janus Henderson Funds have low flat-rate fees and performance fees where the Adviser is incentivized to invest in resources which drive Janus Henderson Fund performance; and (3) that 39% of Janus Henderson Funds have low flat-rate fees versus peers where investors pay low fixed fees when the Janus Henderson Fund is small/midsized and higher fees when the Janus Henderson Fund grows in assets. 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

Janus Henderson VIT Global Research Portfolio Additional Information (unaudited)

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 Fund investors are well-served by the fee levels and performance fee structures in place on the 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 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 Janus Henderson 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. The Trustees concluded that the Adviser'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 pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser 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 third-party 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 benefits 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 receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser or other Janus Henderson Funds, and that the success of the Adviser could enhance the Adviser'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 Portfolio 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 Portfolio's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Portfolio's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Portfolio's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Portfolio's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Portfolio's use of borrowing for investment purposes; and (v) a Portfolio'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 15, 2023, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1. 2022 through December 31, 2022 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. Among other things, the Program Administrator Report indicated that there were no material changes to the LRMP during the Reporting Period, although there were certain methodology adjustments implemented relating to a change in data provider. Additionally, the findings presented in the Program Administrator Report indicated that the LRMP operated adequately during the Reporting Period. These findings included 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. Also included among the Program Administrator Report's findings was the determination that the Portfolio's investment strategy remains appropriate for an open-end fund. 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.

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.

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.

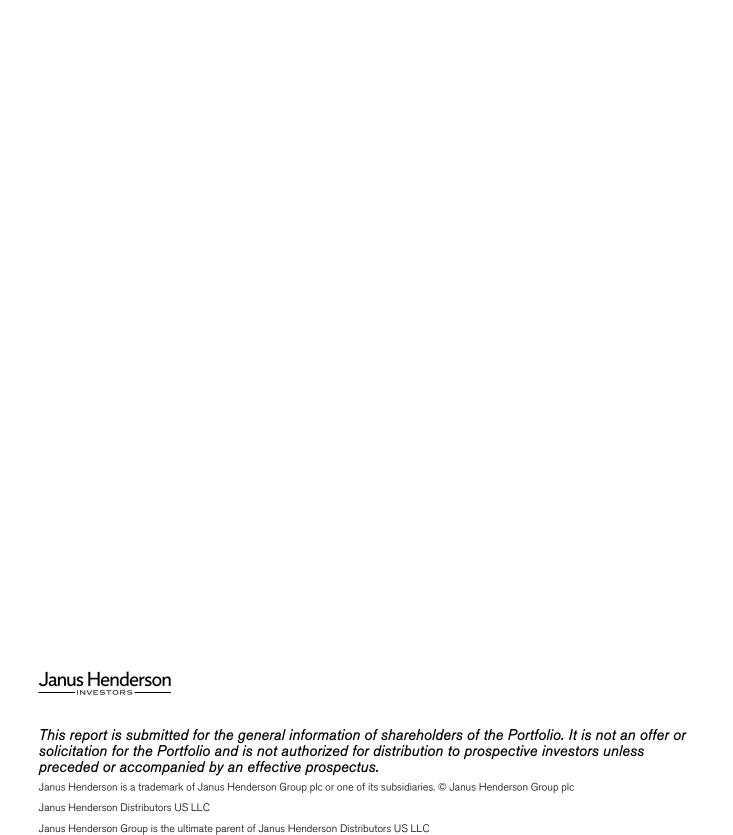
The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then 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 was replaced 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 entire portfolio is traded every six months.



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Janus Aspen Series

HIGHLIGHTS

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



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Janus Henderson VIT Research Portfolio

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

Important Notice - Tailored Shareholder Reports

Effective January 24, 2023, the Securities and Exchange Commission (the "SEC") adopted rule and form amendments that require mutual funds and exchange-traded funds to provide shareholders with streamlined annual and semi-annual shareholder reports that highlight key information. Other information, including financial statements, that currently appears in shareholder reports will be made available online, delivered free of charge to shareholders upon request, and filed with the SEC. The first tailored shareholder report for the Portfolio will be for the reporting period ending June 30, 2024. Currently, management is evaluating the impact of the rule and form amendments on the content of the Portfolio's current shareholder reports.

Janus Henderson VIT Research Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Top Contributors - Holdings

5 Top Detractors - Holdings

	Average	Relative		Average	Relative
	Weight	Contribution		Weight	Contribution
NVIDIA Corp	4.86%	1.53%	Tesla Inc	0.59%	-1.26%
Advanced Micro Devices Inc	1.59%	0.40%	Apple Inc	7.22%	-1.00%
Lam Research Corp	1.56%	0.27%	T-Mobile US Inc	1.57%	-0.51%
AbbVie Inc	1.29%	0.23%	EOG Resources Inc	1.34%	-0.49%
Booking Holdings Inc	2.27%	0.16%	General Dynamics Corp	0.90%	-0.46%

4 Top Contributors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Technology	1.85%	40.75%	40.77%
Consumer	1.24%	18.00%	17.79%
Financials	0.03%	8.09%	8.22%
Energy	0.03%	1.45%	1.42%

4 Top Detractors - Sectors*

			Russell 1000
	Relative	Portfolio	Growth Index
	Contribution	Average Weight	Average Weight
Industrials	-2.11%	10.50%	10.81%
Healthcare	-0.59%	12.07%	11.94%
Communications	-0.24%	9.03%	9.05%
Other**	-0.03%	0.11%	0.00%

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.

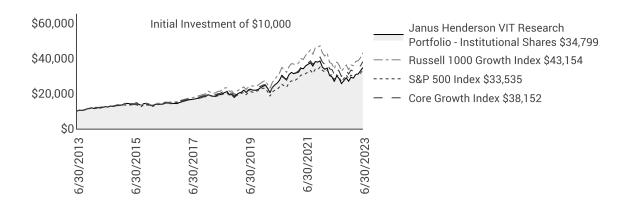
^{**} Not a GICS classified sector.

Janus Henderson VIT Research Portfolio (unaudited) **Portfolio At A Glance** June 30, 2023

5 Largest Equity Holdings - (% of Net Assets)		Asset Allocation - (% of Net Assets)	
Microsoft Corp		Common Stocks	100.1%
Software	12.1%	Investments Purchased with Cash	
Apple Inc		Collateral from Securities Lending	0.0%
Technology Hardware, Storage & Peripherals	7.7%	Other	(0.1)%
NVIDIA Corp			100.0%
Semiconductor & Semiconductor Equipment	5.9%		
Alphabet Inc - Class C			
Interactive Media & Services	5.4%		
Amazon.com Inc			
Multiline Retail	5.3%		
	36.4%		



Janus Henderson VIT Research Portfolio (unaudited) Performance



Average Annual Total Ret	Prospectus Expense Ratios					
	Fiscal Year-to-Date	One Year	Five Year	Ten Year	Since Inception*	Total Annual Fund Operating Expenses [‡]
Institutional Shares	28.84%	29.72%	12.51%	13.28%	9.20%	0.56%
Service Shares	28.68%	29.41%	12.24%	13.00%	8.91%	0.81%
Russell 1000 Growth Index	29.02%	27.11%	15.14%	15.74%	10.45%	
S&P 500 Index	16.89%	19.59%	12.31%	12.86%	10.00%	
Core Growth Index	22.85%	23.37%	13.77%	14.33%	10.27%	
Morningstar Quartile - Institutional Shares	-	1st	2nd	2nd	3rd	
Morningstar Ranking - based on total returns for Large						
Growth Funds	-	156/1,226	376/1,102	518/1,014	234/360	

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.

High absolute short-term performance is not typical and may not be achieved in the future. Such results should not be the sole basis for evaluating material facts in making an investment decision.

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.

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See important disclosures on the next page.

Janus Henderson VIT Research Portfolio (unaudited) Performance

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 "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.

		Actua	al	(5%	_		
Beginning Ending Expenses Account Account Paid During Value Value Period (1/1/23) (6/30/23) (1/1/23 - 6/30/23)†		Beginning Account Value (1/1/23)	Ending Account Value (6/30/23)	Expenses Paid During Period (1/1/23 - 6/30/23)†	Net Annualized Expense Ratio (1/1/23 - 6/30/23)		
Institutional							
Shares	\$1,000.00	\$1,288.40	\$3.18	\$1,000.00	\$1,022.02	\$2.81	0.56%
Service Shares	\$1,000.00	\$1,286.80	\$4.59	\$1,000.00	\$1,020.78	\$4.06	0.81%

Hypothetical

[†] 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 Research Portfolio Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- 100.1% Aerospace & Defense - 1.6%		
General Dynamics Corp Howmet Aerospace Inc	17,664 105,671	\$3,800,410 5,237,055 9,037,465
Air Freight & Logistics – 1.5% United Parcel Service Inc Automobiles – 0.8%	47,381	8,493,044
Rivian Automotive Inc - Class A* Tesla Inc*	96,549 11,598	1,608,506 3,036,008 4,644,514
Beverages – 1.9% Constellation Brands Inc - Class A Monster Beverage Corp	26,446 73,904	6,509,154 4,245,046
Biotechnology – 2.6%	70,001	10,754,200
Amgen Inc Argenx SE (ADR)* Madrigal Pharmaceuticals Inc* Sarepta Therapeutics Inc* United Therapeutics Corp* Vertex Pharmaceuticals Inc*	13,415 3,800 5,131 20,658 8,112 13,816	2,978,398 1,480,974 1,185,261 2,365,754 1,790,724 4,861,989
Capital Markets – 1.4% Blackstone Group Inc Charles Schwab Corp LPL Financial Holdings Inc	35,241 41,565 9,153	3,276,356 2,355,904 1,990,137 7,622,397
Chemicals – 0.8% Sherwin-Williams Co Diversified Financial Services – 5.2%	16,156	4,289,741
Apollo Global Management Inc Global Payments Inc Mastercard Inc Visa Inc	38,155 9,903 31,145 52,906	2,930,685 975,644 12,249,328 12,564,117 28,719,774
Energy Equipment & Services – 0.2% Atlas Energy Solutions Inc - Class A# Entertainment – 2.1%	56,945	988,565
Liberty Media Corp-Liberty Formula One* Netflix Inc*	78,581 13,640	5,915,578 6,008,284 11,923,862
Health Care Equipment & Supplies – 1.6% Abbott Laboratories Boston Scientific Corp* DexCom Inc* Edwards Lifesciences Corp*	30,860 15,542 13,491 30,374	3,364,357 840,667 1,733,728 2,865,179
Health Care Providers & Services – 2.3% Centene Corp* UnitedHealth Group Inc	20,834 23,730	8,803,931 1,405,253 11,405,587 12,810,840
Hotels, Restaurants & Leisure – 3.1% Booking Holdings Inc* Caesars Entertainment Inc* Chipotle Mexican Grill Inc*	3,907 33,445 2,436	10,550,189 1,704,692 5,210,604
Household Products – 1.5% Procter & Gamble Co	54,794	17,465,485 8,314,441

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

Janus Henderson VIT Research Portfolio Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued) Information Technology Services - 0.3% Snowflake Inc - Class A*	9,447	\$1,662,483
Insurance - 0.9%	•	
Aon PLC - Class A Progressive Corp/The	3,403 29,080	1,174,716 3,849,320 5,024,036
Interactive Media & Services – 8.7% Alphabet Inc - Class C*	246.525	29,822,129
Meta Platforms Inc - Class A*	63,763	18,298,706 48,120,835
Life Sciences Tools & Services – 1.0% Danaher Corp	11,263	2,703,120
Illumina Inc* Thermo Fisher Scientific Inc	5,369 3,409	1,006,634 1,778,646
Machinery – 2.0%	0,400	5,488,400
Deere & Co Ingersoll Rand Inc	18,282 60,415	7,407,684 3,948,724
Multiline Retail – 5.3%	00,410	11,356,408
Amazon.com Inc* Oil. Gas & Consumable Fuels – 0.6%	227,916	29,711,130
EOG Resources Inc Personal Products – 0.1%	30,030	3,436,633
Olaplex Holdings Inc* Pharmaceuticals – 3.4%	110,266	410,189
AstraZeneca PLC (ADR) Eli Lilly & Co	42,339 11,641	3,030,202 5,459,396
Merck & Co Inc	40,630 9,167	4,688,296 1,483,496
Novo Nordisk A/S (ADR) Zoetis Inc	24,384	4,199,169 18,860,559
Professional Services – 1.0%	59,933	
CoStar Group Inc* Road & Rail – 1.7%	•	5,334,037
JB Hunt Transport Services Inc TFI International Inc	17,456 28,029	3,160,060 3,194,185
Uber Technologies Inc*	71,900	3,103,923 9,458,168
Semiconductor & Semiconductor Equipment – 13.1% Advanced Micro Devices Inc*	79,302	9,033,291
ASML Holding NV KLA Corp	10,896 10,510	7,896,876 5,097,560
Lam Research Corp Lattice Semiconductor Corp*	13,265 10,677	8,527,538 1,025,739
Marvell Technology Inc NVIDIA Corp	29,941 77,477	1,789,873 32,774,320
ON Semiconductor Corp* Texas Instruments Inc	29,526 20,207	2,792,569 3,637,664
Software – 21.1%	40.405	72,575,430
Adobe Inc* Atlassian Corp - Class A*	18,485 28,081	9,038,980 4,712,273
Autodesk Inc* Cadence Design Systems Inc*	10,901 29,547	2,230,454 6,929,362
Microsoft Corp Palo Alto Networks Inc*	198,404 20,929	67,564,498 5,347,569
ServiceNow Inc* Synopsys Inc*	9,171 14,946	5,153,827 6,507,638
Tyler Technologies Inc*	4,027	1,677,125

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

Schedule of Investments (unaudited) June 30, 2023

	Shares or Principal Amounts	Value
Common Stocks- (continued)		
Software- (continued)		
Workday Inc - Class A*	35,562	\$8,033,100
		117,194,826
Specialty Retail – 2.8%		
O'Reilly Automotive Inc*	8,302	7,930,901
TJX Cos Inc	90,596	7,681,635
Task and any Handridge Change & Dadah and a 7770/		15,612,536
Technology Hardware, Storage & Peripherals – 7.7%	221,406	42,946,122
Apple Inc Textiles, Apparel & Luxury Goods – 1.4%	221,400	42,940,122
Deckers Outdoor Corp*	5,996	3,163,849
NIKE Inc - Class B	43.594	4,811,470
THILE HIS GIGGO B	10,00 1	7,975,319
Trading Companies & Distributors – 0.8%		7,070,010
Ferguson PLC	27,934	4,394,297
Wireless Telecommunication Services – 1.6%	•	
T-Mobile US Inc*	62,531	8,685,556
Total Common Stocks (cost \$309,811,761)		556,778,323
Investments Purchased with Cash Collateral from Securities Lending-0%		
Investment Companies – 0%		
Janus Henderson Cash Collateral Fund LLC, 4.9971% 2	730	730
Time Deposits – 0%		
Royal Bank of Canada, 5.0600%, 7/3/23	\$183	183
Total Investments Purchased with Cash Collateral from Securities Lending (cost \$913)		913
Total Investments (total cost \$309,812,674) – 100.1%		556,779,236
Liabilities, net of Cash, Receivables and Other Assets – (0.1)%		(415,681)
Net Assets – 100%		\$556,363,555

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

Country	Value	% of Investment Securities
United States	\$539,693,503	96.9 %
Netherlands	7,896,876	1.4
Canada	3,194,185	0.6
United Kingdom	3,030,202	0.5
Denmark	1,483,496	0.3
Belgium	1,480,974	0.3
Total	\$556,779,236	100.0 %

Schedule of Investments (unaudited) June 30, 2023

Schedules of Affiliated Investments - (% of Net Assets)

		Dividend Income		Realized Gain/(Loss)	Change in Unrealized Appreciation/ Depreciation	Value at 6/30/23
Investment Companies - N/A Money Markets - N/A						
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	\$	5,330	\$	(42)	\$ -	\$ -
Investments Purchased with Cash Collateral for Investment Companies - 0.0%	om Securitie	es Lending - 0.0%	6			
Janus Henderson Cash Collateral Fund LLC, 4.9971%		1,926 [∆]		-	-	730
Total Affiliated Investments - 0.0%	\$	7,256	\$	(42)	\$ -	\$ 730

	Value at 12/31/22	Purchases	Sales Proceeds	Value at 6/30/23
Investment Companies - N/A Money Markets - N/A				
Janus Henderson Cash Liquidity Fund LLC, 5.1900%	-	13,746,034	(13,745,992)	-
Investments Purchased with Cash Collateral from Securities Investment Companies - 0.0%	Lending - 0.0%			
Janus Henderson Cash Collateral Fund LLC, 4.9971% [®]	-	10,077,250	(10,076,520)	730

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	\$ 868	\$ _	\$ (868) \$	_

⁽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.

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.

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® Index (50%).

ADR American Depositary Receipt

LLC Limited Liability Company

PLC Public Limited Company

* Non-income producing security.

Rate shown is the 7-day yield as of June 30, 2023.

- # Loaned security; a portion of the security is on loan at June 30, 2023.
- 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, 2023. 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	\$ 556,778,323	\$ -	\$ -
Investments Purchased with Cash Collateral from Securities			
Lending	-	913	-
Total Assets	\$ 556,778,323	\$ 913	\$ -

Statement of Assets and Liabilities (unaudited) June 30, 2023

Unaffilated investments, at value (cost \$309,811,944)** 556,778,506 Affiliated investments at value (cost \$370) 730 Trustees' deferred compensation 14,146 Receivables: 14,167,548 Investments sold 4,167,548 Dividends 325,762 Portfolio shares sold 49,828 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 561,365,748 Liabilities: 1174,473 Due to custodia 174,473 Collateral for securities loaned (Note 2) 913 Payables: 913 Investments purchased 3,844,555 Portfolio shares repurchased 3,844,555 Portfolio shares repurchased 3,349,555 Portfolio shares repurchased 3,349,555 Portfolio shares repurchased 3,349,555 Portfolio shares repurchased 3,349,555 Portfolio shares purchased 3,149 12-1 Distribution and shareholder servicing fees 3,1,193 Trustees fees and expenses 14,146 Artiliala	Assets:	
Trustees' deferred compensation 14,146 Receivables: *** Investments sold 4,167,548 Dividends 325,762 Portfolio shares sold 4,0828 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 1,118 Total Assets \$61,365,748 Liabilities: 913 Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: 913 Investments purchased 3,849,555 Portfolio shares repurchased 38,49,555 Total for agent fees and expenses 24,659 Trustees' debrerd compensation fees 1,193	Unaffiliated investments, at value (cost \$309,811,944) ⁽¹⁾	\$ 556,778,506
Receivables: 4,167,548 Investments sold 325,762 Port folio shares sold 4,96,28 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 11,118 total Assets 51,365,748 Liabilities: 174,473 Collateral for securities loaned (Note 2) 913 Payables: 3849,555 Investments purchased 3849,555 Portfolio shares repurchased 38,49,555 Portfolio share repurchased 38,49,555 Portfolio share repurchased 38,49,555 Portfolio share repurchased 31,416 Turstee repurchased 42,45	Affiliated investments, at value (cost \$730)	730
Investments sold 4,167,548 Dividends 325,762 Portfolio shares sold 4,96,28 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 11,118 Total Assets 561,365,748 Liabilities: 913 Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: 913 Investments purchased 3,849,555 Portfolio shares repurchased 3,149,555 Portfolio shares repurchased 3,141,464	Trustees' deferred compensation	14,146
Dividends 325,762 PortOlio In Sares sold 49,628 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 11,118 Total Assets 561,365,748 Liabilities: ************************************	Receivables:	
Portfolio shares sold 49,628 Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 11,118 Total Assets 561,365,748 Liabilities: 51,265,748 Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: 1 Investments purchased 3,849,555 Portfolio shares repurchased 38,49,555 Portfolio shares repurchased 38,49,555 Portfolio shares repurchased 38,49,555 Portfolio shares appropriates 38,49,555 Portfolio shares repurchased 38,46,589 Trustes 'deferred compe	Investments sold	4,167,548
Foreign tax reclaims 17,018 Dividends from affiliates 1,292 Other assets 11,118 Iotal Assets 561,365,748 Liabilities: ************************************	Dividends	325,762
Dividends from affiliates 1,292 Other assets 11,18 Total Assets 561,367,48 Liabilities 501,367,473 Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: 8 Investments purchased 38,49,555 Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Trusteer's deferred compensation fees 24,659 Trustees' deferred compensation fees 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 556,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$293,045,478 Total Net Assets \$56,363,555 Net Assets - Institutional Shares \$411,281,511 Shares Outstanding, \$0,001 Pa	Portfolio shares sold	49,628
Other assets 11,118 Total Assets 561,365,748 Liabilities: 174,473 Cule to custodian 174,473 Cullateral for securities loaned (Note 2) 913 Payables: 174,473 Investments purchased 3,849,555 Portfolio shares repurchased 596,897 Advisory fees 322,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 42,336 Accrued expenses and other payables 5,002,193 Net Assets \$56,363,555 Net Assets Consist of: Capital (par value and paid-in surplus) \$293,045,478 Total (par value and paid-in surplus) \$293,045,478 \$293,045,478 Total Net Assets \$56,363,555 Net Assets - Institutional Shares \$56,363,555 Net Asset Value	Foreign tax reclaims	17,018
Ital Assets 561,365,748 Liabilities: 174,473 Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: Investments purchased 3,849,555 Portfolio shares repurchased 560,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 3,161 Affiliated portfolio administration fees payable 42,336 Custodian fees 945 Accrued expenses and other payables 42,336 Total Clabilities 5002,193 Net Assets \$56,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 563,635,55 Ne	Dividends from affiliates	1,292
Liabilities: 174,473 Collateral for securities loaned (Note 2) 913 Payables: 1 Investments purchased 3,849,555 Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$556,363,555 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) \$293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$556,363,555 Net Assets - Institutional Shares \$11,281,511 Shares Outstanding, \$0,001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share <td>Other assets</td> <td>11,118</td>	Other assets	11,118
Due to custodian 174,473 Collateral for securities loaned (Note 2) 913 Payables: 913 Investments purchased 3,849,555 Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 3,173 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 5,563,635,555 Net Assets Consist of: 293,045,478 Total Liabilities \$293,045,478 Total Liabilities \$293,045,478 Total Liabilities \$56,363,555 Net Assets Consist of: 293,318,077 Total Que value and paid-in surplus) \$293,318,077 Total Interport Assets \$56,363,555 Net Assets	Total Assets	561,365,748
Collateral for securities loaned (Note 2) 913 Payables: 3,849,555 Investments purchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 556,363,555 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) \$ 293,045,478 Total offistributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 51,221,23 Net Assets - Institutional Shares \$ 141,281,511 Shares Outstanding, \$0,001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40,63	Liabilities:	
Payables: 3,849,555 Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$556,363,555 Net Assets Consist of: 263,318,077 Total off distributable earnings (loss) 263,318,077 Total Net Assets \$566,363,555 Net Assets - Institutional Shares \$11,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Service Shares \$40,63 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Due to custodian	174,473
Investments purchased 3,849,555 Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 5,002,193 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) 263,318,077 Total Net Assets 556,363,555 Net Assets - Institutional Shares 556,363,555 Net Assets - Institutional Shares 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40,63 Net Asset Value Per Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,05	Collateral for securities loaned (Note 2)	913
Portfolio shares repurchased 596,897 Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 556,363,555 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) 263,318,077 Total distributable earnings (loss) 263,318,077 Total Net Assets \$56,363,555 Net Asset - Institutional Shares \$11,281,511 Sher Soutstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$40,63 Net Asset Service Shares \$145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Payables:	
Advisory fees 232,810 12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$556,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$556,363,555 Net Asset - Institutional Shares \$11,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$40.63 Net Asset Service Shares \$145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Investments purchased	3,849,555
12b-1 Distribution and shareholder servicing fees 31,193 Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 556,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 556,363,555 Net Asset Value Per Share \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Service Shares \$ 40,63 Net Asset Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Portfolio shares repurchased	596,897
Professional fees 29,912 Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets 556,363,555 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) 263,318,077 Total distributable earnings (loss) 263,318,077 Total Net Assets 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40.63 Net Asset S- Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Advisory fees	232,810
Transfer agent fees and expenses 24,659 Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 5 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	12b-1 Distribution and shareholder servicing fees	31,193
Trustees' deferred compensation fees 14,146 Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 263,318,077 Capital (par value and paid-in surplus) 263,318,077 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Professional fees	29,912
Trustees' fees and expenses 3,161 Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 5002,193 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Assets - Service Shares \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Transfer agent fees and expenses	24,659
Affiliated portfolio administration fees payable 1,193 Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 203,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Assets - Service Shares \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Trustees' deferred compensation fees	14,146
Custodian fees 945 Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 203,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Assets - Service Shares \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Trustees' fees and expenses	3,161
Accrued expenses and other payables 42,336 Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Assets - Service Shares \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Affiliated portfolio administration fees payable	1,193
Total Liabilities 5,002,193 Net Assets \$ 556,363,555 Net Asset Consist of: *** Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Assets - Service Shares \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Custodian fees	945
Net Assets \$ 556,363,555 Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Accrued expenses and other payables	42,336
Net Assets Consist of: 293,045,478 Capital (par value and paid-in surplus) \$ 293,045,478 Total distributable earnings (loss) 263,318,077 Total Net Assets \$ 556,363,555 Net Assets - Institutional Shares \$ 411,281,511 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 Net Asset Value Per Share \$ 40.63 Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Total Liabilities	5,002,193
Capital (par value and paid-in surplus)\$ 293,045,478Total distributable earnings (loss)263,318,077Total Net Assets\$ 556,363,555Net Assets - Institutional Shares\$ 411,281,511Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)10,121,673Net Asset Value Per Share\$ 40.63Net Assets - Service Shares\$ 145,082,044Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)3,739,053	Net Assets	\$ 556,363,555
Total distributable earnings (loss) Total Net Assets Net Assets - Institutional Shares Net Asset Value (unlimited shares authorized) Net Asset Value Per Share Net Assets - Service Shares Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) Net Assets - Service Shares Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Net Assets Consist of:	
Total Net Assets\$ 556,363,555Net Assets - Institutional Shares\$ 411,281,511Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)10,121,673Net Asset Value Per Share\$ 40.63Net Assets - Service Shares\$ 145,082,044Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)3,739,053	Capital (par value and paid-in surplus)	\$ 293,045,478
Net Assets - Institutional Shares\$ 411,281,511Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)10,121,673Net Asset Value Per Share\$ 40.63Net Assets - Service Shares\$ 145,082,044Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)3,739,053	Total distributable earnings (loss)	263,318,077
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) Net Asset Value Per Share Net Assets - Service Shares Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 10,121,673 40.63 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Total Net Assets	\$ 556,363,555
Net Asset Value Per Share\$ 40.63Net Assets - Service Shares\$ 145,082,044Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)3,739,053	Net Assets - Institutional Shares	\$ 411,281,511
Net Assets - Service Shares \$ 145,082,044 Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	10,121,673
Shares Outstanding, \$0.001 Par Value (unlimited shares authorized) 3,739,053	Net Asset Value Per Share	\$ 40.63
	Net Assets - Service Shares	\$ 145,082,044
Net Asset Value Per Share \$ 38.80	Shares Outstanding, \$0.001 Par Value (unlimited shares authorized)	3,739,053
	Net Asset Value Per Share	\$ 38.80

See Notes to Financial Statements.

⁽¹⁾ Includes \$868 of securities on loan. See Note 2 in Notes to Financial Statements.

Statement of Operations (unaudited) For the period ended June 30, 2023

Investment Income:	
Dividends	\$ 2,119,630
Dividends from affiliates	5,330
Affiliated securities lending income, net	1,926
Unaffiliated securities lending income, net	607
Other income	1,504
Foreign tax withheld	(21,928)
Total Investment Income	2,107,069
Expenses:	
Advisory fees	1,149,097
12b-1 Distribution and shareholder servicing fees:	
Service Shares	161,171
Transfer agent administrative fees and expenses:	
Institutional Shares	91,656
Service Shares	32,247
Other transfer agent fees and expenses:	
Institutional Shares	3,228
Service Shares	741
Professional fees	35,357
Shareholder reports expense	11,724
Affiliated portfolio administration fees	9,778
Custodian fees	7,047
Registration fees	6,539
Trustees' fees and expenses	6,372
Other expenses	30,667
Total Expenses	1,545,624
Net Investment Income/(Loss)	561,445
Net Realized Gain/(Loss) on Investments:	
Investments and foreign currency transactions	19,713,718
Investments in affiliates	(42)
Total Net Realized Gain/(Loss) on Investments	19,713,676
Change in Unrealized Net Appreciation/Depreciation:	
Investments, foreign currency translations and Trustees' deferred compensation	106,828,564
Total Change in Unrealized Net Appreciation/Depreciation	106,828,564
Net Increase/(Decrease) in Net Assets Resulting from Operations	\$ 127,103,685

Janus Henderson VIT Research Portfolio Statements of Changes in Net Assets

	Period ended June 30, 2023 (unaudited)	Year December 31,	ended 2022
Operations:			
Net investment income/(loss)	\$ 561,445	\$ 91	2,204
Net realized gain/(loss) on investments	19,713,676	(7,47'	7,293)
Change in unrealized net appreciation/depreciation	106,828,564	(199,30	8,093)
Net Increase/(Decrease) in Net Assets Resulting from Operations	127,103,685	(205,87	3,182)
Dividends and Distributions to Shareholders:			
Institutional Shares	(561,306)	(70,400	0,164)
Service Shares	(84,691)	(25,04	5,507)
Net Decrease from Dividends and Distributions to Shareholders	(645,997)	(95,44	5,671)
Capital Share Transactions:			
Institutional Shares	(17,193,165)	37,40	9,779
Service Shares	(5,214,528)	11,90	2,394
Net Increase/(Decrease) from Capital Share Transactions	(22,407,693)	49,31	2,173
Net Increase/(Decrease) in Net Assets	104,049,995	(252,00	6,680)
Net Assets:			
Beginning of period	452,313,560	704,32	20,240
End of period	\$ 556,363,555	\$ 452,31	3,560

Janus Henderson VIT Research Portfolio Financial Highlights

Institutional Shares

For a share outstanding during the period ended June 30,

For a share outstanding during the period ended June 50,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$31.58	\$56.31	\$49.35	\$40.79	\$33.70	\$36.51
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.05	0.09	(0.01)	0.14	0.21	0.19
Net realized and unrealized gain/(loss)	9.06	(16.93)	9.73	12.20	11.26	(0.94)
Total from Investment Operations	9.11	(16.84)	9.72	12.34	11.47	(0.75)
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.06)	(0.06)	(0.05)	(0.18)	(0.18)	(0.21)
Distributions (from capital gains)	_	(7.83)	(2.71)	(3.60)	(4.20)	(1.85)
Total Dividends and Distributions	(0.06)	(7.89)	(2.76)	(3.78)	(4.38)	(2.06)
Net Asset Value, End of Period	\$40.63	\$31.58	\$56.31	\$49.35	\$40.79	\$33.70
Total Return*	28.84%	(29.89)%	20.33%	32.95%	35.52%	(2.58)%
Net Assets, End of Period (in thousands)	\$411,282	\$334,877	\$519,679	\$474,525	\$398,888	\$328,803
Average Net Assets for the Period (in thousands)	\$368,890	\$389,504	\$496,858	\$414,413	\$374,004	\$380,194
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.56%	0.56%	0.60%	0.60%	0.59%	0.58%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.56%	0.56%	0.60%	0.60%	0.59%	0.58%
Ratio of Net Investment Income/(Loss)	0.29%	0.24%	(0.01)%	0.33%	0.55%	0.50%
Portfolio Turnover Rate	16%	30%	33%	33%	38%	47%

See Notes to Financial Statements.

^{*} 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 Research Portfolio Financial Highlights

Service Shares

For a share outstanding during the period ended June 30,

Tor a share outstanding during the period chaca outle oo,						
2023 (unaudited) and the year ended December 31	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$30.17	\$54.34	\$47.78	\$39.64	\$32.87	\$35.68
Income/(Loss) from Investment Operations:						
Net investment income/(loss) ⁽¹⁾	0.01	_(2)	(0.13)	0.03	0.11	0.09
Net realized and unrealized gain/(loss)	8.64	(16.34)	9.41	11.80	10.98	(0.92)
Total from Investment Operations	8.65	(16.34)	9.28	11.83	11.09	(0.83)
Less Dividends and Distributions:						
Dividends (from net investment income)	(0.02)	_	(0.01)	(0.09)	(0.12)	(0.13)
Distributions (from capital gains)	_	(7.83)	(2.71)	(3.60)	(4.20)	(1.85)
Total Dividends and Distributions	(0.02)	(7.83)	(2.72)	(3.69)	(4.32)	(1.98)
Net Asset Value, End of Period	\$38.80	\$30.17	\$54.34	\$47.78	\$39.64	\$32.87
Total Return*	28.68%	(30.06)%	20.05%	32.58%	35.22%	(2.84)%
Net Assets, End of Period (in thousands)	\$145,082	\$117,437	\$184,641	\$172,198	\$150,614	\$126,817
Average Net Assets for the Period (in thousands)	\$129,770	\$136,703	\$178,748	\$151,973	\$141,550	\$148,101
Ratios to Average Net Assets**:						
Ratio of Gross Expenses	0.81%	0.81%	0.85%	0.85%	0.84%	0.83%
Ratio of Net Expenses (After Waivers and Expense						
Offsets)	0.81%	0.81%	0.85%	0.85%	0.84%	0.83%
Ratio of Net Investment Income/(Loss)	0.04%	(0.01)%	(0.26)%	0.08%	0.30%	0.25%
Portfolio Turnover Rate	16%	30%	33%	33%	38%	47%

See Notes to Financial Statements.

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

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 10 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 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

Portfolio holdings are valued in accordance with policies and procedures established by the Adviser pursuant to Rule 2a-5 under the 1940 Act and approved by and subject to the oversight of the Trustees (the "Valuation Procedures"). Equity securities traded on a domestic securities exchange are generally valued at readily available market quotations, which are (i) the official close prices or (ii) last sale prices on the primary market or exchange in which the securities 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. Foreign securities and currencies are converted to U.S. dollars using the current spot USD dollar exchange rate in effect at the close of the New York Stock Exchange ("NYSE"). The Adviser will determine the market value of individual securities held by it by using prices provided by one or more Adviser-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 quotations or evaluated prices are not readily available or deemed unreliable are valued at fair value determined in good faith by the Adviser pursuant to the Valuation Procedures. Circumstances in which fair valuation 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 value of the securities of other mutual funds held by the Portfolio, if any, will be calculated using the NAV of such mutual funds, and the prospectuses for such mutual funds explain the circumstances under which they use fair valuation and the effects of using fair valuation. The value of the securities of any cash management pooled investment vehicles that operate as money market funds held by the Portfolio, if any, will be calculated using the NAV of such funds.

Notes to Financial Statements (unaudited)

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 period.

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, 2023 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.

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.

Notes to Financial Statements (unaudited)

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.

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

Market Risk

The value of the Portfolio's portfolio may decrease if the value of one or more issuers in the Portfolio's portfolio decreases. Further, regardless of how well individual companies or securities perform, the value of the Portfolio's portfolio could also decrease if there are deteriorating economic or market conditions, including, but not limited to, a general decline in prices on the stock markets, a general decline in real estate markets, a decline in commodities prices, or if the market favors different types of securities than the types of securities in which the Portfolio invests. If the value of the Portfolio's portfolio decreases, the Portfolio's NAV will also decrease, which means if you sell your shares in the Portfolio you may lose money. Market risk may affect a single issuer, industry, economic sector, or the market as a whole. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Social, political, economic and other conditions and events, such as natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, including related sanctions, and social unrest, could

Notes to Financial Statements (unaudited)

reduce consumer demand or economic output, result in market closures, travel restrictions and/or quarantines, and generally have a significant impact on the global economies and financial markets.

- COVID-19 Pandemic. The effects of COVID-19 have contributed to increased volatility in global financial markets and have affected and may continue to affect certain countries, regions, issuers, industries and market sectors more dramatically than others. These conditions and events could have a significant impact on the Portfolio and its investments, the Portfolio's ability to meet redemption requests, and the processes and operations of the Portfolio's service providers, including the Adviser.
- Russia/Ukraine Invasion. Russia launched a large-scale invasion of Ukraine on February 24, 2022. The extent and duration of the military action, resulting sanctions and resulting future market disruptions in the region are impossible to predict, but could be significant and have a severe adverse effect on the region, including significant negative impacts on the economy and the markets for certain securities and commodities, such as oil and natural gas, as well as other sectors.

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.

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. For financial reporting purposes, the Portfolio does not offset financial instruments' payables and receivables and related collateral on the Statement of Assets and Liabilities. 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

Notes to Financial Statements (unaudited)

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, 2023, securities lending transactions accounted for as secured borrowings with an overnight and continuous contractual maturity are \$868. Gross amounts of recognized liabilities for securities lending (collateral received) as of June 30, 2023 is \$913, resulting in the net amount due to the counterparty of \$45.

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.

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

Notes to Financial Statements (unaudited)

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 measurement period for 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, 2023, the performance adjusted investment advisory fee rate before any waivers and/or reimbursements of expenses is 0.46%.

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 \$9,912 was paid to the Chief Compliance Officer and certain compliance staff by the Trust during the period ended June 30, 2023. 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 gualified 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

Notes to Financial Statements (unaudited)

of the account balance is recorded by the Portfolio as unrealized appreciation/(depreciation) and is included as of June 30, 2023 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, 2023 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 \$219,100 were paid by the Trust to the Trustees under the Deferred Plan during the period ended June 30, 2023.

Pursuant to the provisions of the 1940 Act and related rules, the Portfolio may participate in an affiliated or non-affiliated 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, 2023 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.

Accumulated capital losses noted below represent net capital loss carryovers, as of December 31, 2022, that may be available to offset future realized capital gains and thereby reduce future taxable gains distributions. The following table shows these capital loss carryovers.

Capital Loss Carryover Schedule
For the year ended December 31, 2022

	oıration			
				Accumulated
Short-Terr	n Lor	ng-Term	(Capital Losses
\$(7,617,272	2) \$	-	\$	(7,617,272)

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, 2023 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)
\$311,185,263	\$257,736,513	\$ (12,142,540)	\$ 245,593,973

5. Capital Share Transactions

	Period ended June 30, 2023		Year ended	December 31, 2022
	Shares	Amount	Shares	Amount
Institutional Shares:				
Shares sold	141,451	\$ 5,163,296	144,237	\$ 5,476,747
Reinvested dividends and distributions	14,132	561,306	2,228,505	70,400,164
Shares repurchased	(636,662)	(22,917,767)	(999,614)	(38,467,132)
Net Increase/(Decrease)	(481,079)	\$(17,193,165)	1,373,128	\$37,409,779
Service Shares:				
Shares sold	111,073	\$ 3,860,263	225,334	\$ 7,953,370
Reinvested dividends and distributions	2,233	84,691	830,421	25,045,507
Shares repurchased	(266,332)	(9,159,482)	(561,806)	(21,096,483)
Net Increase/(Decrease)	(153,026)	\$ (5,214,528)	493,949	\$11,902,394

6. Purchases and Sales of Investment Securities

For the period ended June 30, 2023, 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	Proceeds from Sales	Term U.	S. Government	of Lor	g-Term U.S.
Securities	of Securities		Obligations	Governmen	Obligations
\$80,531,711	\$ 102,140,566	\$	-	\$	_

7. Subsequent Event

Management has evaluated whether any events or transactions occurred subsequent to June 30, 2023 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; and (ii) 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.

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") 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 9-10, 2022 and December 13-14, 2022, the Trustees evaluated the information provided by the Adviser and the independent fee consultant, as well as other information provided by the Adviser and the independent fee consultant during the year. Following such evaluation, the Trustees determined that the overall arrangements between each Janus Henderson Fund and the Adviser were fair and reasonable in light of the nature, extent, and quality of the services provided by the Adviser and its affiliates, 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 for the period from February 1, 2023 through February 1, 2024, 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 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, 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, such as managing the execution of portfolio transactions and the selection of broker-dealers for

Additional Information (unaudited)

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 Janus Henderson Fund 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 their 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 to each Janus Henderson Fund were appropriate and consistent with the terms of the respective advisory 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 had sufficient personnel, with the appropriate education and experience, to serve the Janus Henderson Funds effectively and 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 fund 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, noting that: (i) for the 36 months ended May 31, 2022, approximately 38% of the Janus Henderson Funds were in the top two quartiles of their Broadridge peer groups; (ii) for the 36 months ended September 30, 2022, approximately 45% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar, and (iii) for the 12 months ended September 30, 2022, approximately 55% of the Janus Henderson Funds were in the top two quartiles of performance as reported by Morningstar.

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 Adaptive Risk Managed U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Balanced Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that the VIT Portfolio's performance was in the third Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022 The Trustees noted the reasons for the VIT Portfolio's underperformance and the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge guartile for the 36 months ended May 31, 2022 and the first Broadridge guartile for the 12 months ended May 31, 2022.

Additional Information (unaudited)

- For Janus Henderson Forty Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the evaluated performance period ended May 31, 2022. The Trustees noted that 36 month-end performance was not yet available.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the third Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that the VIT Portfolio's performance was in the bottom Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022. The Trustees noted the reasons for the VIT Portfolio's underperformance, while also noting that the VIT Portfolio has a performance fee structure that results in lower management fees during periods of underperformance, the steps the Adviser had taken or was taking to improve performance, and that the performance trend was improving.
- For Janus Henderson Overseas Portfolio, the Trustees noted that the VIT Portfolio's performance was in the first Broadridge quartile for the 36 months ended May 31, 2022 and the first Broadridge quartile for the 12 months ended May 31, 2022.
- For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's performance was in the second Broadridge quartile for the 36 months ended May 31, 2022 and the second Broadridge quartile for the 12 months ended May 31, 2022.

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, as applicable, the Janus Henderson Fund's performance warranted continuation of such Janus Henderson Fund's investment advisory agreement.

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. 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 6% under the average total expenses of the respective Broadridge peer group; and (3) the management fees for the Janus Henderson Funds, on average, were 5% under the average management fees for the respective Broadridge peer 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 Universe.

For Janus Henderson Funds with three or more years of performance history, 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, changes in portfolio management, relative average net asset levels, and the existence of performance fees, breakpoints, and/or expense waivers on such Janus Henderson Funds.

Additional Information (unaudited)

The Trustees considered the methodology used by the Adviser 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 to comparable separate account clients and to comparable non-affiliated funds subadvised by the Adviser (for which the Adviser 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 different from the retail fund market; (3) Janus Henderson mutual fund investors enjoy reasonable fees relative to the fees charged in these other markets; and (4) as part of its 2022 review, 9 of 11 Janus Henderson Funds have lower management fees than similar funds subadvised by the Adviser. The Trustees noted that for the two Janus Henderson Funds that did not, management fees for each were under the average of its 15(c) peer group.

The Trustees considered the fees for each Janus Henderson Fund for its fiscal year ended in 2021 (except for Janus Henderson Global Sustainable Equity Portfolio for which the period end was March 31, 2022) and noted the following with regard to each Janus Henderson Fund's total expenses, net of applicable fee waivers (the VIT Portfolio's "total expenses") as reflected in the comparative information provided by Broadridge:

- For Janus Henderson Adaptive Risk Management U.S. Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for its sole share class.
- For Janus Henderson Balanced Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Enterprise Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Flexible Bond Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group for one share class, overall the VIT Portfolio's total expenses were reasonable. The Trustees also noted that the Adviser has contractually agreed to limit the VIT Portfolio's expenses.
- For Janus Henderson Forty Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Research Portfolio, the Trustees noted that, although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.
- For Janus Henderson Global Sustainable Equity Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Global Technology and Innovation Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Mid Cap Value Portfolio, the Trustees noted that, the VIT Portfolio's total expenses were below the peer group average for both share classes.
- For Janus Henderson Overseas Portfolio, the Trustees noted that although the VIT Portfolio's total expenses exceeded the peer group average for one share class, overall the VIT Portfolio's total expenses were reasonable.

Additional Information (unaudited)

• For Janus Henderson Research Portfolio, the Trustees noted that the VIT Portfolio's total expenses were below the peer group average for both share classes.

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 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 as part of its 2022 review 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 Funds was not a material factor in the Board's approval of the reasonableness of any Janus Henderson Fund's investment management fees.

The Trustees concluded that the management fees payable by each Janus Henderson Fund to the Adviser 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 charges 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, 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 June 2022 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 from the independent fee consultant's report: (1) that 31% of Janus Henderson Funds had management fee breakpoints in place whereby investors pay lower management fees as fund AUM increases; (2) that 29% of Janus Henderson Funds have low flat-rate fees and performance fees where the Adviser is incentivized to invest in resources which drive Janus Henderson Fund performance; and (3) that 39% of Janus Henderson Funds have low flat-rate fees versus peers where investors pay low fixed fees when the Janus Henderson Fund is small/midsized and higher fees when the Janus Henderson Fund grows in assets. 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

Additional Information (unaudited)

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 Fund investors are well-served by the fee levels and performance fee structures in place on the 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 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 Janus Henderson 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. The Trustees concluded that the Adviser'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 pursuant to the agreements and the fees to be paid by each Janus Henderson Fund therefor, the Janus Henderson Funds and the Adviser 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 third-party 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 benefits 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 receipt of those products and services as well as research products and services acquired through commissions paid by other clients of the Adviser. They further concluded that the success of any Janus Henderson Fund could attract other business to the Adviser or other Janus Henderson Funds, and that the success of the Adviser could enhance the Adviser'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 Portfolio 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 Portfolio's liquidity risk, the Liquidity Risk Working Group periodically considers, as relevant, factors including (i) the liquidity of a Portfolio's portfolio investments during normal and reasonably foreseeable stressed conditions; (ii) whether a Portfolio's investment strategy is appropriate for an open-end fund; (iii) the extent to which a Portfolio's strategy involves a relatively concentrated portfolio or large positions in any issuer; (iv) a Portfolio's use of borrowing for investment purposes; and (v) a Portfolio'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 15, 2023, the Adviser provided the Program Administrator Report to the Trustees which covered the operation of the LRMP from January 1, 2022 through December 31, 2022 (the "Reporting Period").

The Program Administrator Report discussed the operation and effectiveness of the LRMP during the Reporting Period. Among other things, the Program Administrator Report indicated that there were no material changes to the LRMP during the Reporting Period, although there were certain methodology adjustments implemented relating to a change in data provider. Additionally, the findings presented in the Program Administrator Report indicated that the LRMP operated adequately during the Reporting Period. These findings included 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. Also included among the Program Administrator Report's findings was the determination that the Portfolio's investment strategy remains appropriate for an open-end fund. 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 guoted 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.

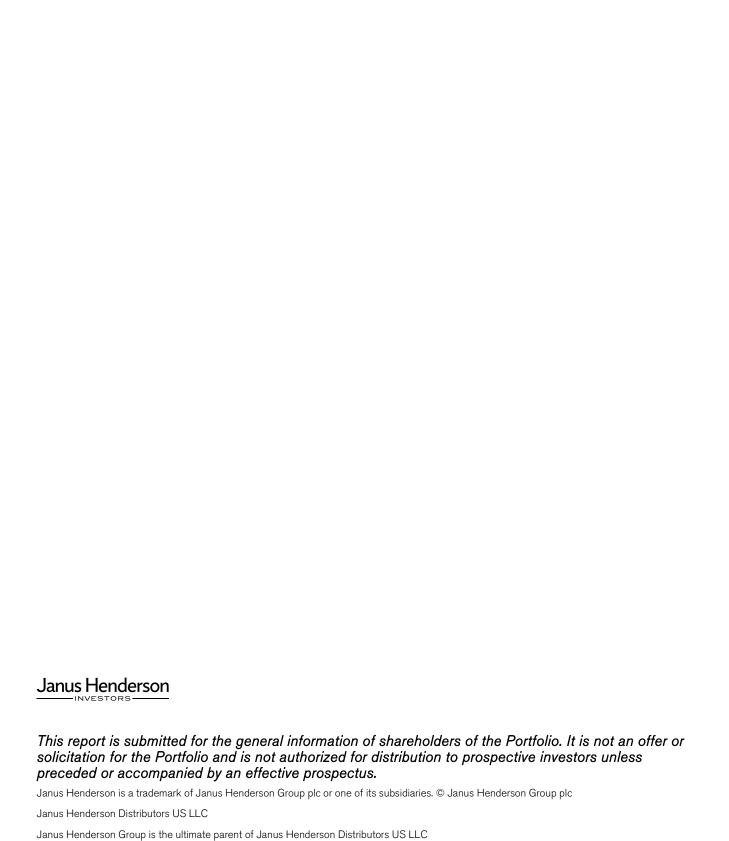
The first line in the table reflects the NAV per share at the beginning of the reporting period. The next line reports the net investment income/(loss) per share. Following is the per share total of net gains/(losses), realized and unrealized. Per share dividends and distributions to investors are then 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 was replaced 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.



T.RowePrice®



SEMIANNUAL REPORT

June 30, 2023

T. ROWE PRICE

Equity Income Portfolio

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Market Commentary

Dear Investor

Most major global stock and bond indexes produced positive returns during the first half of your fund's fiscal year, the sixmonth period ended June 30, 2023. Despite turmoil in the banking sector and a protracted debt ceiling standoff, markets were resilient as growth remained positive in the major economies and corporate earnings results came in stronger than expected.

For the six-month period, the technology-oriented Nasdaq Composite Index gained more than 30%, the strongest result of the major benchmarks, as tech companies benefited from investor enthusiasm for artificial intelligence applications. Growth stocks outperformed value shares, and developed market stocks generally outpaced their emerging market counterparts. Currency movements were mixed over the period, although a weaker dollar versus major European currencies was beneficial for U.S. investors in European securities.

Within the S&P 500 Index, the information technology, communication services, and consumer discretionary sectors were all lifted by the tech rally and recorded significant gains. Conversely, the defensive utilities sector had the weakest returns in the growth-focused environment, and the energy sector also lost ground amid declining oil prices. The financials sector partly recovered from the failure of three large regional banks during the period but still finished with modest losses.

Cheaper oil contributed to slowing inflation, although core inflation readings—which exclude volatile food and energy prices—remained stubbornly high. In response, the Federal Reserve raised its short-term lending benchmark rate to a target range of 5.00% to 5.25% by early May, the highest level since 2007. The Fed held rates steady at its June meeting, but policymakers indicated that two more rate hikes could come by the end of the year.

In the fixed income market, returns were generally positive across most sectors as investors benefited from the higher interest rates that have become available over the past year. Investment-grade corporate bonds were supported by generally solid balance sheets and were among the strongest performers.

Global economies and markets showed surprising resilience in recent months, but, moving into the second half of 2023, we believe investors could face potential challenges. The impact of the Fed's rate hikes has yet to be fully felt in the economy, and while the regional banking turmoil appears to have been contained by the swift actions of regulators, it could weigh on credit conditions. Moreover, market consensus still seems to point to a coming recession, although hopes have emerged that such a downturn could be more modest.

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 securities that can add value to your portfolio over the long term.

You may notice that this report no longer contains the commentary on your fund's performance and positioning that we previously included in the semiannual shareholder letters. The Securities and Exchange Commission (SEC) adopted new rules in January that will require fund reports to transition to a new format known as a Tailored Shareholder Report. This change will require a much more concise summary of performance rather than the level of detail we have provided historically while also aiming to be more visually engaging. As we prepare to make changes to the annual reports to meet the new report regulatory requirements by mid-2024, we felt the time was right to discontinue the optional six-month semiannual fund letter to focus on the changes to come.

While semiannual fund letters will no longer be produced, you may continue to access current fund information as well as insights and perspectives from our investment team on our personal investing website.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert Sharps
CEO and President

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Portfolio Summary

SECTOR DIVERSIFICATION				
	Percent of Net Assets 12/31/22 6/30/23			
Financials	21.0%	20.7%		
Health Care	17.8	17.4		
Industrials and Business Services	10.8	11.8		
Energy	8.6	8.1		
Information Technology	6.9	8.0		
Consumer Staples	7.0	7.7		
Utilities	8.3	7.3		
Consumer Discretionary	5.0	5.0		
Communication Services	5.1	4.6		
Real Estate	3.9	4.1		
Materials	4.2	3.5		
Other and Reserves	1.4	1.8		
Total	100.0%	100.0%		

Historical weightings reflect current industry/sector classifications.

TWENTY-FIVE LARGEST HOLDINGS	
	Percent of Net Assets 6/30/23
Southern	3.1%
Wells Fargo	2.9
TotalEnergies	2.8
General Electric	2.4
QUALCOMM	2.4
American International Group	2.3
Elevance Health	2.2
Becton Dickinson & Company	2.1
Johnson & Johnson	2.1
Chubb	1.9
News	1.8
Philip Morris International	1.8
Microsoft	1.7
Weyerhaeuser	1.7
L3Harris Technologies	1.7
CF Industries Holdings	1.6
Equitable Holdings	1.6
Exxon Mobil	1.5
Equity Residential	1.5
Dominion Energy	1.4
United Parcel Service	1.4
Zimmer Biomet Holdings	1.4
MetLife	1.3
Conagra Brands	1.3
Boeing	1.2
Total	47.1%

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.

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. The 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.

| Expenses | Expenses | Beginning | Account | Account | Period* | Value | Value | 1/1/23 to 1/1/23 | 6/30/23 | 6/30/23 | Equity Income Portfolio | Actual | \$1,000.00 | \$1,024.60 | \$3.71

EQUITY INCOME PORTFOLIO

Equity Income Portfolio			
Actual	\$1,000.00	\$1,024.60	\$3.71
Hypothetical (assumes 5% return			
before expenses)	1,000.00	1,021.12	3.71
Equity Income Portfolio	· II		
Actual	1,000.00	1,023.10	4.97
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 half-year period. The annualized expense ratio of the Equity Income Portfolio was 0.74% and the Equity Income Portfolio - II was 0.99%.

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Equity Income Portfolio Class									
		6 Months	Year						
		Ended	Ended						
	(6/30/23	12/31/22	1	2/31/21	12/31/20	12/31/19	1	2/31/18
NET ASSET VALUE									
Beginning of period	. \$	27.01	\$ 30.07	\$	26.21	\$ 27.13	\$ 23.36	\$	29.27
Investment activities									
Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/		0.28	0.57		0.48	0.54	0.61		0.58
loss		0.37	(1.60)		6.12	(0.34)	5.49		(3.28)
Total from investment activities		0.65	 (1.03)		6.60	 0.20	 6.10		(2.70)
Distributions									
Net investment income		(0.29)	(0.55)		(0.48)	(0.55)	(0.62)		(0.59)
Net realized gain		-	(1.48)		(2.26)	(0.57)	(1.71)		(2.62)
Total distributions		(0.29)	 (2.03)		(2.74)	 (1.12)	 (2.33)		(3.21)
NET ASSET VALUE									
End of period	\$	27.37	\$ 27.01	\$	30.07	\$ 26.21	\$ 27.13	\$	23.36
Ratios/Supplemental Data									
Total return(2)(3)		2.46%	 (3.34)%		25.55%	 1.18%	 26.40%		(9.50)%
Ratios to average net assets: ⁽²⁾ Gross expenses before waivers/									
payments by Price Associates ⁽⁴⁾ Net expenses after waivers/		0.85%(5)	 0.85%		0.85%	 0.85%	 0.85%		0.80%
payments by Price Associates		0.74%(5)	0.74%		0.74%	0.74%	0.74%		0.80%
Net investment income		2.07%(5)	 1.96%		1.60%	 2.30%	 2.31%		2.01%
Portfolio turnover rate		9.9%	18.3%		19.8%	27.7%	19.5%		16.5%
Net assets, end of period (in millions)	\$	423	\$ 434	\$	491	\$ 430	\$ 477	\$	428

⁽¹⁾ Per share amounts calculated using average shares outstanding method.

 $[\]ensuremath{^{(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

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Equity Income Portfolio - II Class	6 Months Ended		Year Ended							
	6/30/23		12/31/22		12/31/21		12/31/20		12/31/19	12/31/18
NET ASSET VALUE Beginning of period	\$ 26.85	\$_	29.91	\$_	26.10	\$_	27.01	\$_	23.27	\$ 29.16
Investment activities Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	0.24		0.50		0.41		0.48		0.55	0.51
loss	0.37		(1.60)		6.08		(0.33)		5.45	(3.26)
Total from investment activities	 0.61		(1.10)		6.49		0.15		6.00	 (2.75)
Distributions	 									
Net investment income	(0.26)		(0.48)		(0.42)		(0.49)		(0.55)	(0.52)
Net realized gain	 -		(1.48)		(2.26)		(0.57)		(1.71)	 (2.62)
Total distributions	 (0.26)		(1.96)		(2.68)		(1.06)		(2.26)	 (3.14)
NET ASSET VALUE										
End of period	\$ 27.20	\$	26.85	\$	29.91	\$	26.10	\$	27.01	\$ 23.27
Ratios/Supplemental Data										
Total return(2)(3)	 2.31%		(3.59)%		25.22%		0.96%		26.04%	 (9.69)%
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%	 1.05%
payments by Price Associates	0.99%(5)		0.99%		0.99%		0.99%		0.99%	1.05%
Net investment income	 1.83%(5)		1.73%		1.36%		2.05%		2.07%	 1.77%
Portfolio turnover rate Net assets, end of period (in	 9.9%		18.3%		19.8%		27.7%		19.5%	 16.5%
thousands)	\$ 288,896	\$	283,936	\$	295,512	\$	236,856	\$	238,540	\$ 183,383

⁽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, 2023 (Unaudited)

PORTFOLIO OF INVESTMENTS [‡]	Shares	\$ Value		Shares	\$ Value
Cost and value in \$000s)			(Cost and value in \$000s)		
COMMON STOCKS 95.8%			Kimberly-Clark	62,694	8,656
COMMUNICATION SERVICES 4.6%			Personal Care Products 0.2%		12,008
Diversified Telecommunication			Kenvue (1)	44,783	1,183
Services 0.8%					1,183
4T&T	64,010	1,021	Tobacco 1.8%		
Verizon Communications	126,702	4,712	Philip Morris International	130,600	12,749
Entertainment 1.2%		5,733			12,749
	93,204	0 201	Total Consumer Staples		54,783
Walt Disney (1)	93,204	8,321	ENERGY 8.1%		
nteractive Media & Services 0.3%		8,321	Oil, Gas & Consumable Fuels 8.1%		
Meta Platforms, Class A (1)	6,300	1,808	Chevron	15,070	2,371
weta Flationnis, Olass A (1)			Enbridge	46,400	1,724
Media 2.3%		1,808	EOG Resources	54,396	6,225
	70.000	0.055	EQT	38,695	1,591
Comcast, Class A	78,333	3,255	Exxon Mobil	97,520	10,459
News, Class A	597,630	11,654	Hess	45,945	6,246
News, Class B	64,303	1,268	Suncor Energy	31,500	924
Paramount Global, Class B	19,300	307	TC Energy	150,120	6,066
		16,484	TotalEnergies (EUR)	276,025	15,845
Total Communication Services		32,346	TotalEnergies, ADR	68,941	3,974
CONSUMER DISCRETIONARY 3.1%			Williams	64,100	2,092
Broadline Retail 0.4%			Total Energy		57,517
Kohl's	135,893	3,132	FINANCIALS 20.7%		
		3,132	Banks 7.9%		
Hotels, Restaurants & Leisure 1.0%		3,132	Bank of America	119,175	3,419
			Citigroup	69,462	3,198
as Vegas Sands (1)	123,562	7,167	Fifth Third Bancorp	280,906	7,362
		7,167	Huntington Bancshares	612,211	6,600
eisure Products 0.7%			JPMorgan Chase	47,089	6,849
Mattel (1)	260,220	5,085	PNC Financial Services Group	10,953	1,379
		5,085	U.S. Bancorp	200,516	6,625
Specialty Retail 1.0%			Wells Fargo	487,436	20,804
Best Buy	40,156	3,291			56,236
TJX	48,943	4,150	Capital Markets 2.4%		
		7,441	Carlyle Group	77,200	2,467
			Charles Schwab	59,289	3,360
Total Consumer Discretionary		22,825	Franklin Resources	25,940	693
CONSUMER STAPLES 7.8%			Goldman Sachs Group	6,286	2,027
Beverages 0.6%			Morgan Stanley	54,623	4,665
Constellation Brands, Class A	17,400	4,283	Raymond James Financial	20,550	2,132
		4,283	State Street	22,815	1,670
Consumer Staples Distribution &					17,014
Retail 1.2%			Financial Services 3.0%		
Target	7,101	936	Apollo Global Management	26,021	1,998
Nalmart	47,282	7,432	Equitable Holdings	415,531	11,286
		8,368	Fiserv (1)	66,324	8,367
Food Products 2.3%			- 40/		21,651
Conagra Brands	274,301	9,249	Insurance 7.4%		
Mondelez International, Class A	14,969	1,092	American International Group	281,409	16,192
Tyson Foods, Class A	114,626	5,851	Chubb	69,177	13,321
		16,192	Hartford Financial Services Group	93,155	6,709

	Shares	\$ Value		Shares	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
MetLife	163,685	9,253	General Electric	158,009	17,358
		52,573	Siemens (EUR)	48,039	8,008
Total Financials					26,707
Total Financials HEALTH CARE 17.3%		147,474	Machinery 1.6%		
Biotechnology 1.2%			Cummins	8,700	2,133
AbbVie	48,593	6,547	Flowserve	22,166	823
Biogen (1)	8,106	2,309	Stanley Black & Decker	86,563	8,112
blogen (1)	0,100	8,856			11,068
Health Care Equipment &		0,000	Passenger Airlines 0.9%		
Supplies 5.1%			Southwest Airlines	185,237	6,707
Becton Dickinson & Company	57,450	15,167			6,707
GE HealthCare Technologies	55,336	4,496	Total Industrials & Business Services		84,192
Medtronic	81,495	7,180	INFORMATION TECHNOLOGY 7.9%		
Zimmer Biomet Holdings	66,100	9,624	Communications Equipment 0.2%		
		36,467	Cisco Systems	29,828	1,543
Health Care Providers &			Olaco dystema	25,020	1,543
Services 4.9%			Electronic Equipment, Instruments		1,040
Cardinal Health	28,000	2,648	& Components 0.4%		
Centene (1)	22,680	1,530	TE Connectivity	20,720	2,904
Cigna Group	25,571	7,175	TE Connectivity	20,720	
CVS Health	107,909	7,460	17.0 : 0.5%		2,904
Elevance Health	35,426	15,739	IT Services 0.5%		
Humana	1,100	492	Accenture, Class A	11,405	3,519
		35,044			3,519
Pharmaceuticals 6.1%			Semiconductors & Semiconductor		
AstraZeneca, ADR	60,400	4,323	Equipment 4.4%		
Johnson & Johnson	89,296	14,780	Applied Materials	53,229	7,694
Merck	60,357	6,965	QUALCOMM	144,458	17,196
Pfizer	196,325	7,201	Texas Instruments	35,498	6,390
Sanofi (EUR)	47,111	5,072			31,280
Sanofi, ADR	13,900	749	Software 1.7%		
Viatris	406,900	4,061	Microsoft	36,497	12,429
		43,151			12,429
Total Health Care		123,518	Technology Hardware, Storage &		
INDUSTRIALS & BUSINESS			Peripherals 0.7%		
SERVICES 11.8%			Samsung Electronics (KRW)	90,529	4,985
Aerospace & Defense 2.9%					4,985
Boeing (1)	41,676	8,800	Total Information Technology		56,660
L3Harris Technologies	61,422	12,025	MATERIALS 3.5%		
		20,825	Chemicals 2.4%		
Air Freight & Logistics 1.4%			CF Industries Holdings	165,957	11,521
United Parcel Service, Class B	55,446	9,939	DuPont de Nemours	4,856	347
		9,939	International Flavors & Fragrances	36,306	2,889
Commercial Services &			RPM International	22,300	2,001
Supplies 0.5%					16,758
Stericycle (1)	81,757	3,797	Containers & Packaging 1.1%		
		3,797	International Paper	257,739	8,199
Ground Transportation 0.7%					8,199
Norfolk Southern	8,600	1,950	Total Materials		24,957
Union Pacific	15,634	3,199	างเลา เพลเซาเสเจ		24,807
		5,149			
Industrial Conglomerates 3.8%					
3M	13,400	1,341			

	Shares	\$ Value
(Cost and value in \$000s)		
REAL ESTATE 4.2%		
Health Care Real Estate Investment Trusts 0.2%		
Welltower, REIT	13,700	1,108
Office Real Estate Investment Trusts 0.0%		1,108
Vornado Realty Trust, REIT	11,600	210
Residential Real Estate Investment Trusts 1.5%		210
Equity Residential, REIT	158,096	10,430
Specialized Real Estate Investment Trusts 2.5%		10,430
Rayonier, REIT	178,252	5,597
Weyerhaeuser, REIT	361,565	12,116
		17,713
Total Real Estate UTILITIES 6.8%		29,461
Electric Utilities 3.5%		
NextEra Energy	31,400	2,330
PG&E (1) Southern	58,100 310,512	1,004 21,813
		25,147
Multi-Utilities 3.3%		
Ameren	50,509	4,125
Dominion Energy	195,384	10,119
NiSource Sempra Energy	63,494 49,408	1,737 7,193
		23,174
Total Utilities		48,321
Total Common Stocks (Cost \$495,984)		682,054
CONVERTIBLE PREFERRED STOCKS	0.5%	
UTILITIES 0.5%		
Electric Utilities 0.2%	00.000	4 000
NextEra Energy, 6.926%, 9/1/25	29,299	
Multi-Utilities 0.3%		1,332
NiSource, 7.75%, 3/1/24	20.959	2,129
		2,129
Total Utilities		3,461
Total Convertible Preferred Stocks (Cost \$3,524)		3,461
PREFERRED STOCKS 1.8%		
CONSUMER DISCRETIONARY 1.8% Automobiles 1.8%		
Dr. Ing. h.c. F. Porsche (EUR)	47,938	5,956

	Shares	\$ Value
(Cost and value in \$000s)		
Volkswagen (EUR)	52,948	7,120
Total Consumer Discretionary		13,076
Total Preferred Stocks (Cost \$12,601)		13,076
SHORT-TERM INVESTMENTS 1.6%		
Money Market Funds 1.6%		
T. Rowe Price Government Reserve Fund, 5.13% (2)(3)	11,057,868	11,058
Total Short-Term Investments (Cost \$11,058)		11,058
Total Investments in Securities 99.7% of Net Assets		
(Cost \$523,167)	\$	709,649

- ‡ Shares are denominated in U.S. dollars unless otherwise noted.
- (1) Non-income producing
- (2) Seven-day yield
- (3) Affiliated Companies
- ADR American Depositary Receipts
- EUR Euro
- KRW South Korean Won
- 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, 2023. 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.

Affiliate		Net Realized Gain (Loss)	hange in Net Unrealized Gain/Loss	Investment Income
T. Rowe Price Government Reserve Fund, 5.13%	\$	-# \$	- \$	186+
Supplementary Investment Schedule				
	Value	Purchase	Sales	Value
Affiliate	12/31/22	Cost	Cost	06/30/23
T. Rowe Price Government Reserve Fund, 5.13%	\$ 8,005	α	¤ \$	11,058^

- # Capital gain distributions from underlying Price funds represented \$0 of the net realized gain (loss).
- + Investment income comprised \$186 of dividend income and \$0 of interest income.
- X
 Purchase and sale information not shown for cash management funds.
- ^ The cost basis of investments in affiliated companies was \$11,058.

June 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts) **Assets** \$ 709.649 Investments in securities, at value (cost \$523,167) Dividends receivable 1,352 Receivable for shares sold 585 Receivable for investment securities sold 240 137 Foreign currency (cost \$137) Other assets 359 712,322 Total assets Liabilities Investment management and administrative fees payable 470 Payable for investment securities purchased 133 Payable for shares redeemed 94 Other liabilities 82 Total liabilities 779 **NET ASSETS** 711,543 **Net Assets Consist of:** \$ Total distributable earnings (loss) 206,738 Paid-in capital applicable to 26,062,134 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized 504,805 **NET ASSETS** 711,543 **NET ASSET VALUE PER SHARE Equity Income Portfolio Class** (Net assets: \$422,647; Shares outstanding: 15,441,979) 27.37 **Equity Income Portfolio - II Class** (Net assets: \$288,896; Shares outstanding: 10,620,155) 27.20

(Unaudited)

STATEMENT OF OPERATIONS

\$000s)

(\$000s)	
	6 Months Ended 6/30/23
Investment Income (Loss)	
Dividend income (net of foreign taxes of \$323)	\$ 9,907
Expenses	
Investment management and administrative expense	2,999
Rule 12b-1 fees - Equity Income Portfolio - II Class	348
Waived / paid by Price Associates	(388)
Net expenses	2,959
Net investment income	6,948
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	19,085
Foreign currency transactions	18
Net realized gain	19,103
Change in net unrealized gain / loss	
Securities	(9,204)
Other assets and liabilities denominated in foreign currencies Change in net unrealized gain / loss	(7)
Net realized and unrealized gain / loss	9,892
Totalized and amounted gami, 1000	
INCREASE IN NET ASSETS FROM OPERATIONS	\$ 16,840

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

P	Λ	N	n	c)	
Ψ	U	U	U	ار ت	

(\$000s)		
	6 Months	Year
	Ended	Ended
	6/30/23	12/31/22
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 6,948	\$ 13,879
Net realized gain	19,103	32,962
Change in net unrealized gain / loss	(9,211)	(73,949)
Increase (decrease) in net assets from operations	16,840	(27,108)
Distributions to shareholders		
Net earnings		
Equity Income Portfolio Class	(4,558)	(30,925)
Equity Income Portfolio - II Class	(2,773)	(19,622)
Decrease in net assets from distributions	(7,331)	(50,547)
Capital share transactions*		
Shares sold		
Equity Income Portfolio Class	12,742	36,700
Equity Income Portfolio - II Class	15,492	54,484
Distributions reinvested		
Equity Income Portfolio Class	4,558	30,925
Equity Income Portfolio - II Class	2,773	19,621
Shares redeemed		
Equity Income Portfolio Class	(34,373)	(77,003)
Equity Income Portfolio - II Class	(17,203)	(55,445)
Increase (decrease) in net assets from capital share transactions	(16,011)	9,282
Net Assets		
Decrease during period	(6,502)	(68,373)
Beginning of period	718,045	786,418
End of period	\$ 711,543	\$ 718,045
*Share information (000s)		
Shares sold		
Equity Income Portfolio Class	466	1,267
Equity Income Portfolio - II Class	576	1,874
Distributions reinvested		
Equity Income Portfolio Class	171	1,146
Equity Income Portfolio - II Class	105	732
Shares redeemed		
Equity Income Portfolio Class	(1,269)	(2,664)
Equity Income Portfolio - II Class	(636)	(1,910)
Increase (decrease) in shares outstanding	(587)	445

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 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 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 other investment companies 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 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. Proceeds from litigation payments, if any, are included in either net realized gain (loss) or change in net unrealized gain/loss from securities. 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, if any, 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.

New Accounting Guidance In June 2022, the FASB issued Accounting Standards Update (ASU), ASU 2022-03, Fair Value Measurement (Topic 820) – Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions, which clarifies that a contractual restriction on the sale of an equity security is not considered part of the unit of account of the equity security and, therefore, is not considered in measuring fair value. The amendments under this ASU are effective for fiscal years beginning after December 15, 2023; however, the fund opted to early adopt, as permitted, effective December 1, 2022. Adoption of the guidance did 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 fund's Board of Directors (the Board) has designated T. Rowe Price Associates, Inc. as the fund's valuation designee (Valuation Designee). Subject to oversight by the Board, the Valuation Designee performs the following functions in performing fair value determinations: assesses and manages valuation risks; establishes and applies fair value methodologies; tests fair value methodologies; and evaluates pricing vendors and pricing agents. The duties and responsibilities of the Valuation Designee are performed by its Valuation Committee. The Valuation Designee 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 Valuation Designee's 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 Valuation Designee 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 the fund's portfolio securities. Each business day, the Valuation Designee uses information from outside pricing services to evaluate the quoted prices of portfolio securities 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 Valuation Designee uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The Valuation Designee 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 are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Designee. The Valuation Designee has adopted methodologies for determining the fair value of investments for which market quotations are not readily available or deemed unreliable, including the use of other pricing sources. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Designee 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 Designee 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. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions. Fair value prices determined by the Valuation Designee could differ from those of other market participants, and it is possible that the fair value determined for a security may be materially different from the value that could be realized upon the sale of that security.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2023 (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	\$ 648,144 \$	33,910 \$	- \$	682,054
Convertible Preferred Stocks	_	3,461	_	3,461
Preferred Stocks	_	13,076	_	13,076
Short-Term Investments	11,058	_	_	11,058
Total	\$ 659,202 \$	50,447 \$	- \$	709,649

NOTE 3 - OTHER INVESTMENT TRANSACTIONS

Purchases and sales of portfolio securities other than short-term securities aggregated \$69,594,000 and \$88,059,000, respectively, for the six months ended June 30, 2023.

NOTE 4 - FEDERAL INCOME TAXES

Generally, 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, 2023, the cost of investments (including derivatives, if any) for federal income tax purposes was \$525,453,000. Net unrealized gain aggregated \$184,197,000 at period-end, of which \$202,304,000 related to appreciated investments and \$18,107,000 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, extraordinary expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2024 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 \$388,000 and allocated ratably in the amounts of \$232,000 and \$156,000 for the Equity Income Portfolio Class and Equity Income Portfolio-II Class, respectively, for the six months ended June 30, 2023.

In addition, the fund has entered into service agreements with Price Associates and a wholly owned subsidiary of Price Associates, each an affiliate of the fund. Price Associates provides certain accounting and administrative services to the fund. T. Rowe Price Services, Inc. provides shareholder and administrative services in its capacity as the fund's transfer and dividend-disbursing agent. Pursuant to the all-inclusive fee arrangement under the investment management and administrative agreement, expenses incurred by the funds pursuant to these service agreements are paid by Price Associates.

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 (together, 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. 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, 2023, 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, 2023, this reimbursement amounted to \$12,000, 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 the 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.

In March 2023, the collapse of some US regional and global banks as well as overall concerns around the soundness and stability of the global banking sector has sparked concerns of a broader financial crisis impacting the overall global banking sector. In certain cases, government agencies have assumed control or otherwise intervened in the operations of certain banks due to liquidity and solvency concerns. The extent of impact of these events on the US and global markets is highly uncertain.

These are recent examples of global events which may have a negative impact on the values of certain portfolio holdings or the fund's overall performance. 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.

RESULTS OF PROXY VOTING

A Special Meeting of Shareholders was held on July 24, 2023 for shareholders of record on April 7, 2023, to elect the following director-nominees to serve on the Board of all Price Funds. The newly elected Directors took office effective July 24, 2023.

The results of the voting were as follows:

	Votes For	Votes Withheld
Melody Bianchetto	74,096,003	4,864,479
Mark J. Parrell	76,629,190	2,346,625
Kellye L. Walker	76,708,663	2,268,629
Eric L. Veiel	76,898,359	2,090,473

Teresa Bryce Bazemore, Bruce W. Duncan, Robert J. Gerrard, Jr., Paul F. McBride and David Oestreicher continue to serve as Directors on the Board of all Price Funds.

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 6–7, 2023 (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 continuation of 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 the information it considered with respect to the nature, quality, and extent of the services provided by the Adviser, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and detailed reports that it regularly receives throughout the year on relative and absolute performance for the T. Rowe Price funds. In connection with the Meeting, the Board reviewed information provided by the Adviser that compared the fund's total returns, as well as a wide variety of other previously agreed-upon performance measures and market data, against relevant benchmark indexes and peer groups of funds with similar investment programs for various periods through December 31, 2022. Additionally, the Board reviewed the fund's relative performance information as of September 30, 2022, which ranked the returns of the fund's Investor Class for various periods against a universe of funds with similar investment programs selected by Broadridge, an independent provider of mutual fund data. In the course of its deliberations, the Board considered performance information provided throughout the year and in connection with the Advisory Contract review at the Meeting, as well as information provided during investment review meetings conducted with portfolio managers and senior investment personnel during the course of the year regarding the fund's performance. The Board also considered relevant factors, such as overall market conditions and trends that could adversely impact the fund's performance, length of the fund's performance track record, and how closely the fund's strategies align with its benchmarks and peer groups. The Board concluded that the information it considered with respect to the fund's performance, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract.

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 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

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

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 fund's investors 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. In addition, the 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.

In addition, the Board noted that the fund potentially shares in indirect economies of scale through the Adviser's ongoing investments in its business in support of the T. Rowe Price funds, including investments in trading systems, technology, and regulatory support enhancements, and the ability to possibly negotiate lower fee arrangements with third-party service providers. The Board concluded that the advisory fee structure for the fund provides for a reasonable sharing of benefits from any economies of scale with the fund's investors.

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 (which reflects the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement), and total expenses (which reflect the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement) 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 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).

The Adviser 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. The Board reviewed and considered the information provided relating to the fund, including other funds in the peer group, 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 INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

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).

















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SEMIANNUAL REPORT

June 30, 2023

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Market Commentary

Dear Investor

Most major global stock and bond indexes produced positive returns during the first half of your fund's fiscal year, the sixmonth period ended June 30, 2023. Despite turmoil in the banking sector and a protracted debt ceiling standoff, markets were resilient as growth remained positive in the major economies and corporate earnings results came in stronger than expected.

For the six-month period, the technology-oriented Nasdaq Composite Index gained more than 30%, the strongest result of the major benchmarks, as tech companies benefited from investor enthusiasm for artificial intelligence applications. Growth stocks outperformed value shares, and developed market stocks generally outpaced their emerging market counterparts. Currency movements were mixed over the period, although a weaker dollar versus major European currencies was beneficial for U.S. investors in European securities.

Within the S&P 500 Index, the information technology, communication services, and consumer discretionary sectors were all lifted by the tech rally and recorded significant gains. Conversely, the defensive utilities sector had the weakest returns in the growth-focused environment, and the energy sector also lost ground amid declining oil prices. The financials sector partly recovered from the failure of three large regional banks during the period but still finished with modest losses.

Cheaper oil contributed to slowing inflation, although core inflation readings—which exclude volatile food and energy prices—remained stubbornly high. In response, the Federal Reserve raised its short-term lending benchmark rate to a target range of 5.00% to 5.25% by early May, the highest level since 2007. The Fed held rates steady at its June meeting, but policymakers indicated that two more rate hikes could come by the end of the year.

In the fixed income market, returns were generally positive across most sectors as investors benefited from the higher interest rates that have become available over the past year. Investment-grade corporate bonds were supported by generally solid balance sheets and were among the strongest performers.

Global economies and markets showed surprising resilience in recent months, but, moving into the second half of 2023, we believe investors could face potential challenges. The impact of the Fed's rate hikes has yet to be fully felt in the economy, and while the regional banking turmoil appears to have been contained by the swift actions of regulators, it could weigh on credit conditions. Moreover, market consensus still seems to point to a coming recession, although hopes have emerged that such a downturn could be more modest.

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 securities that can add value to your portfolio over the long term.

You may notice that this report no longer contains the commentary on your fund's performance and positioning that we previously included in the semiannual shareholder letters. The Securities and Exchange Commission (SEC) adopted new rules in January that will require fund reports to transition to a new format known as a Tailored Shareholder Report. This change will require a much more concise summary of performance rather than the level of detail we have provided historically while also aiming to be more visually engaging. As we prepare to make changes to the annual reports to meet the new report regulatory requirements by mid-2024, we felt the time was right to discontinue the optional six-month semiannual fund letter to focus on the changes to come.

While semiannual fund letters will no longer be produced, you may continue to access current fund information as well as insights and perspectives from our investment team on our personal investing website.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert Sharps
CEO and President

flolet fle. Glumpe

Portfolio Summary

SECTOR DIVERSIFICATION			
	Percent of Net Assets 12/31/22 6/30/2		
Information Technology	16.5%	16.4%	
Financials	17.6	16.1	
Health Care	15.8	15.4	
Industrials and Business Services	13.0	15.2	
Consumer Discretionary	10.5	10.8	
Consumer Staples	10.2	10.7	
Communication Services	7.4	6.1	
Materials	3.4	3.7	
Energy	1.5	1.8	
Utilities	1.5	1.4	
Real Estate	0.0	0.2	
Other and Reserves	2.6	2.2	
Total	100.0%	100.0%	

Historical weightings reflect current industry/sector classifications.

Company	Country	Percent o Net Assets 6/30/23
Taiwan Semiconductor		0.70
Manufacturing	Taiwan	3.7%
ASML Holding	Netherlands	2.6
Prosus	Netherlands	2.3
Samsung Electronics	South Korea	1.9
Nestle	Switzerland	1.9
Alcon	Switzerland	1.7
AIA Group	Hong Kong	1.7
Housing Development Finance	India	1.5
Deutsche Telekom	Germany	1.5
Unilever	United Kingdom	1.4
TMX Group	Canada	1.4
Akzo Nobel	Netherlands	1.4
Axis Bank	India	1.4
NTPC	India	1.4
Alibaba Group Holding	China	1.3
Linde	United States	1.3
Canadian Pacific Kansas City	Canada	1.3
London Stock Exchange Group	United Kingdom	1.3
Suncor Energy	Canada	1.2
Roche Holding	Switzerland	1.2
Novo Nordisk	Denmark	1.2
Seven & i Holdings	Japan	1.2
Capgemini	France	1.2
Partners Group Holding	Switzerland	1.1
Constellation Software	Canada	1.1
Total		39.29

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.

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 1/1/23	Ending Account Value 6/30/23	Expenses Paid During Period* 1/1/23 to 6/30/23						
Actual	\$1,000.00	\$1,112.70	\$4.98						
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.

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

NET ASSET VALUE	6 Months Ended 6/30/23	Year Ended 12/31/22	12/31/21		12/31/20	12/31/19	12/31/18
Beginning of period	\$ 13.04	\$ 16.01	\$ 17.08	\$_	15.62	\$ 13.04	\$ 17.35
Investment activities							
Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	0.11	0.11	0.11		0.08	0.34(3)	0.21
loss	1.36	(2.64)	0.09		2.17	3.27	(2.67)
Total from investment activities	 1.47	 (2.53)	 0.20		2.25	 3.61	 (2.46)
Distributions							
Net investment income	_	(0.11)	(0.11)		(0.09)	(0.37)	(0.23)
Net realized gain	_	(0.33)	(1.16)		(0.70)	(0.66)	(1.62)
Total distributions	 -	 (0.44)	 (1.27)		(0.79)	 (1.03)	 (1.85)
NET ASSET VALUE							
End of period	\$ 14.51	\$ 13.04	\$ 16.01	\$	17.08	\$ 15.62	\$ 13.04
Ratios/Supplemental Data							
Total return(2)(4)	 11.27%	 (15.81)%	 1.32%		14.45%	 27.77%	 (14.20)%
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%	 1.05%	 1.00%
payments by Price Associates	0.95%(6)	0.95%	0.95%		0.95%	0.95%	1.00%
Net investment income	 1.54%(6)	 0.79%	 0.59%		0.56%	 2.31%(3)	 1.28%
Portfolio turnover rate Net assets, end of period (in	 15.9%	 31.1%	 29.1%		30.6%	 33.8%	 36.3%
thousands)	\$ 242,016	\$ 223,011	\$ 291,749	\$	300,544	\$ 295,743	\$ 271,207

 $[\]ensuremath{^{(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

June 30, 2023 (Unaudited)

PORTFOLIO OF INVESTMENTS [‡]	Shares	\$ Value		Shares	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
ARGENTINA 0.6%			Common Stocks - China A Shares 2.7%		
			Inner Mongolia Yili Industrial Group,		
Common Stocks 0.6%			A Shares (CNH)	351,900	1,374
MercadoLibre (USD) (1)	1,200	1,422	Kweichow Moutai, A Shares (CNH)	5,870	1,369
Total Argentina (Cost \$1,288)		1,422	NARI Technology, A Shares (CNH) Shandong Pharmaceutical Glass, A	505,896	1,612
BRAZIL 1.6%			Shares (CNH)	202,700	761
BIAZIC 1.070			Shenzhen Inovance Technology, A		
Common Stocks 1.6%			Shares (CNH)	168,600	1,496
Localiza Rent a Car	87,875	1,257			6,612
Raia Drogasil	209,768	1,294	Total China (Cost \$14,304)		16,173
Suzano	142,510	1,317			
Total Brazil (Cost \$3,047)		3,868	DENMARK 1.7%		
04N4D4 0 00/			Common Stocks 1.7%		
CANADA 8.6%			Genmab (1)	3,423	1,297
Common Stocks 8.6%			Novo Nordisk, ADR (USD)	17,900	2,897
	15.000	1.000			4,194
Canadian National Railway (USD) Canadian Pacific Kansas City	15,600	1,889	Total Denmark (Cost \$3,585)		4,194
(USD) (2)	38,800	3,134	FRANCE 7.4%		
Constellation Software	1,296	2,685	Common Stocks 7.4%		
Definity Financial Descartes Systems Group (USD) (1)	26,358 11,289	699 904		14.700	0.700
Element Fleet Management	25,714	392	Capgemini	14,738	2,790
National Bank of Canada	26,900	2,004	Dassault Aviation	12,541	2,513
Shopify, Class A (USD) (1)	32,630	2,108	EssilorLuxottica Eurofins Scientific (2)	6,401 22,542	1,207 1,432
Suncor Energy	102,358	3,003	Kering	4,246	2,345
TELUS International CDA (1)	34,920	530	LVMH Moet Hennessy Louis Vuitton	1,483	1,398
TMX Group	154,615	3,479	Safran	16,266	2,549
Total Canada (Cost \$19,549)	·	20,827	Teleperformance	7,719	1,295
Total Gallada (Gost \$13,543)		20,021	Thales	16,171	2,423
CAYMAN ISLANDS 0.5%			Total France (Cost \$13,553)		17,952
Convertible Preferred			GERMANY 6.4%		
Stocks 0.5% ByteDance, Series E, Acquisition			Common Stocks 5.7%		
Date: 7/8/19, Cost \$273 (USD) (1) (3)(4)	5,545	1,098	Bayer	13,011	720
	0,040		Daimler Truck Holding	32,722	1,179
Total Cayman Islands (Cost		1 000	Deutsche Boerse	6,937	1,281
\$273)		1,098	Deutsche Telekom	165,594	3,613
CHINA 6.7%			Evotec (1) Infineon Technologies	84,092 23,824	1,894 981
G			Puma	31,387	1,892
Common Stocks 4.0%			SAP	16,246	2,219
58.com (USD) (1)(3)	65,164	_		-	13,779
Alibaba Group Holding, ADR			Preferred Stocks 0.7%		
(USD) (1)	38,961	3,247	Sartorius	4,843	1,678
BeiGene, ADR (USD) (1)	3,572	637			
JD Health International (HKD) (1)	167,000	1,061	T.1.10		1,678
Silergy (TWD)	54,000	673	Total Germany (Cost \$13,760)		15,457
Tencent Holdings (HKD)	44,500	1,887	HONG KONG 2 10/		
Yum China Holdings (USD)	36,400	2,056	HONG KONG 2.1%		
		9,561	Common Stocks 2.1%		

AIA Group

402,000

4,083

	Shares	\$ Value		Shares	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
Hong Kong Exchanges & Clearing	24,800	940	Shimadzu	38,700	1,196
Total Hong Kong (Cost \$1,798)		5,023	SMC	800	445
Total Florig Rollg (Oost \$1,730)		3,020	Sony Group	22,500	2,031
INDIA 6.0%			Stanley Electric	47,400	961
			Sumitomo Metal Mining	31,100	1,004
Common Stocks 6.0%			Suzuki Motor	24,100	874
Axis Bank	273,941	3,301	Z Holdings	618,800	1,491
HDFC Life Insurance	185,583	1,468	Total Japan (Cost \$29,744)		34,100
Housing Development Finance	105,284	3,630			
Larsen & Toubro	68,591	2,074	NETHERLANDS 7.0%		
NTPC	1,419,859	3,277			
Varun Beverages	81,056	797	Common Stocks 7.0%		
Total India (Cost \$7,951)		14,547	Adyen (1)	446	772
10tal Illaia (000t \$7,501)			Akzo Nobel	41,417	3,386
INDONESIA 1.5%			ASML Holding	8,724	6,328
			Koninklijke Philips (1)	39,115	848
Common Stocks 1.5%			Prosus	75,661	5,541
Bank Central Asia	3,964,100	2,431	Total Netherlands (Cost \$10,746)		16,875
Sarana Menara Nusantara	15,598,400	1,106	(
Total Indonesia (Cost \$1,098)	10,000,400	3,537	PHILIPPINES 0.5%		
Total illuollesia (Cost \$1,096)		3,557			
IRELAND 0.5%			Common Stocks 0.5%		
			SM Investments	77,165	1,297
Common Stocks 0.5%			Total Philippines (Cost \$1,234)		1,297
Kerry Group, Class A	12,953	1,266	PORTUGAL 1.3%		
Total Ireland (Cost \$1,197)		1,266	PORTOGAL 1.570		
ITALY 2.1%			Common Stocks 1.3%		
117121 21170			Galp Energia	114,191	1,335
Common Stocks 2.1%			Jeronimo Martins	64,403	1,774
Amplifon	31,119	1,141	Total Portugal (Cost \$2,130)		3,109
Banca Mediolanum	172.721	1,562	,		
DiaSorin	12,593	1,312	RUSSIA 0.0%		
Ermenegildo Zegna (USD)	83,404	1,058			
			Common Stocks 0.0%		
Total Italy (Cost \$4,580)		5,073	TCS Group Holding, GDR (USD) (1)		
JAPAN 14.1%			(3)	7,243	_
			Total Russia (Cost \$434)		_
Common Stocks 14.1%					
Calbee	35,800	677	SAUDI ARABIA 0.1%		
Chugai Pharmaceutical	82,900	2,361			
Daiichi Sankyo	52,400	1,665	Common Stocks 0.1%		
Daikin Industries	7,900	1,619	Saudi National Bank	24,924	246
Disco	10,000	1,585	Total Saudi Arabia (Cost \$245)		246
Hikari Tsushin	4,900	703			
Keyence	5,300	2,518	SINGAPORE 0.4%		
Mitsui Fudosan	26,100	520			
Murata Manufacturing	32,600	1,873	Common Stocks 0.4%		
Nextage	43,700	849	Sea, ADR (USD) (1)	16,700	969
Nippon Telegraph & Telephone	1,997,500	2,364	Total Singapore (Cost \$936)		969
Olympus	126,600	2,004	. Tan omgaporo (ocot poco)		
Otsuka Holdings (2)	37,500	1,376			
Outsourcing	103,800	990			
Persol Holdings	69,300	1,254			
Recruit Holdings	27,300	871			
Seven & i Holdings	66,400	2,869			

	Shares	\$ Value		Shares	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
SOUTH AFRICA 0.3%			UNITED KINGDOM 6.2%		
Common Stocks 0.3%			Common Stocks 6.1%		
Capitec Bank Holdings	9,958	830	Ashtead Group	32,936	2,284
Total South Africa (Cost \$596)		830	AstraZeneca, ADR (USD)	31,111	2,227
τοιαί σομίτη πίτου (σουί φοσο)			Bridgepoint Group	240,976	620
SOUTH KOREA 2.5%			London Stock Exchange Group	28,566	3,040
			Rightmove	139,015	924
Common Stocks 2.5%			Smith & Nephew	139,676	2,253
NAVER	9,930	1,390	Unilever (EUR)	67,212	3,503
Samsung Electronics	85,112	4,687			14,851
			Convertible Preferred		
Total South Korea (Cost \$3,366)		6,077	Stocks 0.1%		
SPAIN 1.7%			Yulife Holdings, Acquisition Date:		
SPAIN 1.1 70			10/11/22, Cost \$103 (1)(3)(4)	5,222	118
Common Stocks 1.7%					118
Amadeus IT Group, Class A (1)	31,614	2,407	Total United Kingdom (Cost		44.000
Fluidra (2)	89,418	1,744	\$11,914)		14,969
Total Spain (Cost \$4,075)		4,151	UNITED STATES 2.9%		
			UNITED STATES 2.9%		
SWEDEN 2.4%			Common Stocks 2.9%		
Common Stocks 2.4%			Canva, Acquisition Date: 8/16/21 -	070	400
Assa Abloy, Class B	71,446	1,718	11/4/21, Cost \$470 (1)(3)(4)	276	196
Essity, Class B	90,351	2,406	Linde	8,233	3,137
Olink Holding, ADR (USD) (1)	30,668	575	Mastercard, Class A	4,621	1,818
Swedbank, Class A	61,526	1,038	Waste Connections	13,645	1,950
Total Sweden (Cost \$4,952)		5,737			7,101
10tal 0110a011 (000t \$ 1,002)			Convertible Preferred		
SWITZERLAND 8.5%			Stocks 0.0%		
			Canva, Series A, Acquisition Date:		
Common Stocks 8.5%			11/4/21, Cost \$27 (1)(3)(4)	16	11
Alcon	50,290	4,172			11
Barry Callebaut	985	1,903	Total United States (Cost \$3,867)		7,112
			Total Officed States (Cost \$5,007)		
Julius Baer Group	40,477	2,555	SHORT-TERM INVESTMENTS 1.8%		
Lonza Group	2,629	1,571	SHORT-TERMITINVESTIMENTS 1.0%		
Nestle	38,473	4,628	Monoy Market Funda 1 9%		
Partners Group Holding	2,935	2,767	Money Market Funds 1.8%		
Roche Holding	9,598	2,932	T. Rowe Price Government Reserve	4 400 400	4 400
Total Switzerland (Cost \$14,943)		20,528	Fund, 5.13% (5)(6)	4,408,488	4,408
TAIWAN 3.7%			Total Short-Term Investments (Cost \$4,408)		4,408
Common Stocks 3.7%					
Taiwan Semiconductor					
Manufacturing	482,000	8,904			
Total Taiwan (Cost \$1,290)		8,904			
THAILAND 0.5%					
Common Stocks 0.5%					
Bumrungrad Hospital	36,900	235			
CP ALL	603,200	1,066			
Total Thailand (Cost \$884)		1,301			

Shares \$ Value

(Cost and value in \$000s)

SECURITIES LENDING COLLATERAL 2.2%

INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH JPMORGAN CHASE BANK 2.2%

Money Market Funds 2.2%

T. Rowe Price Government Reserve

Fund, 5.13% (5)(6) 5,347,010 5,347

Total Investments in a Pooled Account through Securities Lending Program with JPMorgan Chase

5,347

Bank
Total Securities Lending Collateral

5,347

Total Investments in Securities

101.8% of Net Assets

(Cost \$5,347)

(Cost \$187,094)

246,397

- ‡ 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, 2023.
- (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 \$1,423 and represents 0.6% of net assets.
- (5) Seven-day yield
- (6) Affiliated Companies
- ADR American Depositary Receipts
- CNH Offshore China Renminbi
- EUR Euro
- 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, 2023. 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)	Unrealized Gain/Loss	Investment Income	
T. Rowe Price Government Reserve Fund, 5.13%	\$	– \$	– \$	133++	
Totals	\$	-# \$	- \$	133+	
Supplementary Investment Schedule	Value	Purchase	Sales	Walter	
	value	Purchase	Sales		
Affiliate	12/31/22	Cost	Cost		
Affiliate T. Rowe Price Government Reserve Fund, 5.13%	\$ 12/31/22 11,036	Cost ¤	Cost	Value 06/30/23 9,755	

- # Capital gain distributions from underlying Price 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 \$133 of dividend income and \$0 of interest income.
- purchase and sale information not shown for cash management funds.
- ^ The cost basis of investments in affiliated companies was \$9,755.

June 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

NET ASSET VALUE PER SHARE

(\$000s, except shares and per share amounts) **Assets** \$ 246.397 Investments in securities, at value (cost \$187,094) Foreign currency (cost \$1,199) 1,198 Receivable for investment securities sold 638 Dividends receivable 117 Receivable for shares sold 26 Other assets 609 Total assets 248,985 Liabilities 5,347 Obligation to return securities lending collateral Payable for investment securities purchased 853 Investment management and administrative fees payable 227 Payable for shares redeemed 86 Other liabilities 456 Total liabilities 6,969 **NET ASSETS** 242,016 **Net Assets Consist of:** Total distributable earnings (loss) 56,531 Paid-in capital applicable to 16,673,620 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized 185,485 **NET ASSETS** 242,016

14.51

(Unaudited)

STATEMENT OF OPERATIONS

(\$000s)

Investment Income (Loss)	6 Months Ended 6/30/23
Income Dividend (net of foreign taxes of \$183)	\$ 2,936
Securities lending	12
Total income	2,948
Expenses	
Investment management and administrative expense	1,245
Waived / paid by Price Associates	(118)
Net expenses Net investment income	1,127 1,821
Net investment income	1,021
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities (net of foreign taxes of \$6)	5,217
Options written	14
Foreign currency transactions Net realized gain	(27) 5,204
Net realized gain	5,204
Change in net unrealized gain / loss	
Securities (net of increase in deferred foreign taxes of \$145)	18,075
Options written	(10)
Other assets and liabilities denominated in foreign currencies	(1)
Change in net unrealized gain / loss	18,064
Net realized and unrealized gain / loss	23,268
INCREASE IN NET ASSETS FROM OPERATIONS	\$ 25,089

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

(\$000s)			
		6 Months	Year
		Ended	Ended
Inavegee (Degreese) in Net Accets		6/30/23	12/31/22
Increase (Decrease) in Net Assets Operations			
Net investment income	\$	1,821 \$	1,873
Net realized gain (loss)	φ	5,204	(3,672)
Change in net unrealized gain / loss		18,064	(43,229)
Increase (decrease) in net assets from operations		25,089	(45,229)
increase (decrease) in het assets nom operations		25,069	(43,026)
Distributions to shareholders			
Net earnings		-	(7,240)
Capital share transactions*			
Shares sold		5,223	11,944
Distributions reinvested		_	7,240
Shares redeemed		(11,307)	(35,654)
Decrease in net assets from capital share transactions		(6,084)	(16,470)
Net Assets			
Increase (decrease) during period		19,005	(68,738)
Beginning of period		223,011	291,749
End of period	\$	242,016 \$	223,011
*Share information (000s)			
Shares sold		372	871
Distributions reinvested		312	556
Shares redeemed		(801)	(2,552)
Decrease in shares outstanding		(429)	(2,552)
Decrease in shares outstanding		(429)	(1,125)

Unaudited

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 other investment companies 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. Proceeds from litigation payments, if any, are included in either net realized gain (loss) or change in net unrealized gain/loss from securities. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid annually. A capital gain distribution, if any, 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 June 2022, the FASB issued Accounting Standards Update (ASU), ASU 2022-03, Fair Value Measurement (Topic 820) – Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions, which clarifies that a contractual restriction on the sale of an equity security is not considered part of the unit of account of the equity security and, therefore, is not considered in measuring fair value. The amendments under this ASU are effective for fiscal years beginning after December 15, 2023; however, the fund opted to early adopt, as permitted, effective December 1, 2022. Adoption of the guidance did 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 fund's Board of Directors (the Board) has designated T. Rowe Price Associates, Inc. as the fund's valuation designee (Valuation Designee). Subject to oversight by the Board, the Valuation Designee performs the following functions in performing fair value determinations: assesses and manages valuation risks; establishes and applies fair value methodologies; tests fair value methodologies; and evaluates pricing vendors and pricing agents. The duties and responsibilities of the Valuation Designee are performed by its Valuation Committee. The Valuation Designee 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 Valuation Designee's 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 Valuation Designee 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 the fund's portfolio securities. Each business day, the Valuation Designee uses information from outside pricing services to evaluate the quoted prices of portfolio securities 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 Valuation Designee uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The Valuation Designee 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 are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Designee. The Valuation Designee has adopted methodologies for determining the fair value of investments for which market quotations are not readily available or deemed unreliable, including the use of other pricing sources. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Designee 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 Designee 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. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions. Fair value prices determined by the Valuation Designee could differ from those of other market participants, and it is possible that the fair value determined for a security may be materially different from the value that could be realized upon the sale of that security.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2023 (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	\$ 30,028 \$	203,513 \$	196 \$	233,737
Convertible Preferred Stocks	_	_	1,227	1,227
Preferred Stocks	_	1,678	_	1,678
Short-Term Investments	4,408	_	_	4,408
Securities Lending Collateral	5,347	_	_	5,347

Total	\$ 39,783 \$	205,191 \$	1,423 \$	246,397

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2023, 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 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, 2023, 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, 2023, 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	
		Options Written
Realized Gain (Loss)		
Equity derivatives		\$ 14
Total		\$ 14
Change in Unrealized Gain (Loss)		
Equity derivatives		\$ (10)
Total		\$ (10)

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, 2023, 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, tend to have economic structures that are less diverse and mature, less developed legal and regulatory regimes, and political systems that are less stable, than those of developed countries. These markets may be subject to greater political, economic, and social uncertainty and differing accounting standards and regulatory environments that may potentially impact the fund's ability to buy or sell certain securities or repatriate proceeds to U.S. dollars. Emerging markets securities exchanges are more likely to experience delays with the clearing and settling of trades, as well as the custody of holdings by local banks, agents, and depositories. 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 typically 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 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, 2023, the value of loaned securities was \$5,354,000; the value of cash collateral and related investments was \$5,347,000.

Other Purchases and sales of portfolio securities other than short-term securities aggregated \$36,697,000 and \$40,763,000, respectively, for the six months ended June 30, 2023.

NOTE 5 - FEDERAL INCOME TAXES

Generally, 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, 2022, the fund had \$5,133,000 of available capital loss carryforwards.

At June 30, 2023, the cost of investments (including derivatives, if any) for federal income tax purposes was \$188,811,000. Net unrealized gain aggregated \$57,586,000 at period-end, of which \$68,368,000 related to appreciated investments and \$10,782,000 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, extraordinary 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 \$118,000 for the six months ended June 30, 2023.

In addition, the fund has entered into service agreements with Price Associates and a wholly owned subsidiary of Price Associates, each an affiliate of the fund. Price Associates provides certain accounting and administrative services to the fund. T. Rowe Price Services, Inc. provides shareholder and administrative services in its capacity as the fund's transfer and dividend-disbursing agent. Pursuant to the all-inclusive fee arrangement under the investment management and administrative agreement, expenses incurred by the funds pursuant to these service agreements are paid by Price Associates.

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 (together, 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. 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, 2023, 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, 2023, this reimbursement amounted to \$3,000, 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 the 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.

In March 2023, the collapse of some US regional and global banks as well as overall concerns around the soundness and stability of the global banking sector has sparked concerns of a broader financial crisis impacting the overall global banking sector. In certain cases, government agencies have assumed control or otherwise intervened in the operations of certain banks due to liquidity and solvency concerns. The extent of impact of these events on the US and global markets is highly uncertain.

These are recent examples of global events which may have a negative impact on the values of certain portfolio holdings or the fund's overall performance. 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.

RESULTS OF PROXY VOTING

A Special Meeting of Shareholders was held on July 24, 2023 for shareholders of record on April 7, 2023, to elect the following director-nominees to serve on the Board of all Price Funds. The newly elected Directors took office effective July 24, 2023.

The results of the voting were as follows:

	Votes For	Votes Withheld
Melody Bianchetto	10,496,225	581,095
Mark J. Parrell	10,578,230	504,735
Kellye L. Walker	10,589,490	494,319
Eric L. Veiel	10,524,167	559,071

Teresa Bryce Bazemore, Bruce W. Duncan, Robert J. Gerrard, Jr., Paul F. McBride and David Oestreicher continue to serve as Directors on the Board of all Price Funds.

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 6–7, 2023 (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 continuation of 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 the information it considered with respect to the nature, quality, and extent of the services provided by the Adviser, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and detailed reports that it regularly receives throughout the year on relative and absolute performance for the T. Rowe Price funds. In connection with the Meeting, the Board reviewed information provided by the Adviser that compared the fund's total returns, as well as a wide variety of other previously agreed-upon performance measures and market data, against relevant benchmark indexes and peer groups of funds with similar investment programs for various periods through December 31, 2022. Additionally, the Board reviewed the fund's relative performance information as of September 30, 2022, which ranked the returns of the fund's Investor Class for various periods against a universe of funds with similar investment programs selected by Broadridge, an independent provider of mutual fund data. In the course of its deliberations, the Board considered performance information provided throughout the year and in connection with the Advisory Contract review at the Meeting, as well as information provided during investment review meetings conducted with portfolio managers and senior investment personnel during the course of the year regarding the fund's performance. The Board also considered relevant factors, such as overall market conditions and trends that could adversely impact the fund's performance, length of the fund's performance track record, and how closely the fund's strategies align with its benchmarks and peer groups. The Board concluded that the information it considered with respect to the fund's performance, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract.

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. While the Board did not review information regarding profits realized from managing the fund in particular because the fund had either not achieved sufficient portfolio asset size or not recognized sufficient revenues to produce meaningful profit margin percentages, the Board concluded that the Adviser's profits were reasonable in light of the services provided to the T. Rowe Price funds.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

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 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 fund's investors 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. In addition, the 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.

In addition, the Board noted that the fund potentially shares in indirect economies of scale through the Adviser's ongoing investments in its business in support of the T. Rowe Price funds, including investments in trading systems, technology, and regulatory support enhancements, and the ability to possibly negotiate lower fee arrangements with third-party service providers. The Board concluded that the advisory fee structure for the fund provides for a reasonable sharing of benefits from any economies of scale with the fund's investors.

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 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 (which reflects the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement), and total expenses (which reflect the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement) 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 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 fourth quintile (Expense Group), the fund's actual management fee rate ranked in the fifth quintile (Expense Group and 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.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT (CONTINUED)

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).















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SEMIANNUAL REPORT

June 30, 2023

T. ROWE PRICE

Limited-Term Bond Portfolio

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Market Commentary

Dear Investor

Most major global stock and bond indexes produced positive returns during the first half of your fund's fiscal year, the sixmonth period ended June 30, 2023. Despite turmoil in the banking sector and a protracted debt ceiling standoff, markets were resilient as growth remained positive in the major economies and corporate earnings results came in stronger than expected.

For the six-month period, the technology-oriented Nasdaq Composite Index gained more than 30%, the strongest result of the major benchmarks, as tech companies benefited from investor enthusiasm for artificial intelligence applications. Growth stocks outperformed value shares, and developed market stocks generally outpaced their emerging market counterparts. Currency movements were mixed over the period, although a weaker dollar versus major European currencies was beneficial for U.S. investors in European securities.

Within the S&P 500 Index, the information technology, communication services, and consumer discretionary sectors were all lifted by the tech rally and recorded significant gains. Conversely, the defensive utilities sector had the weakest returns in the growth-focused environment, and the energy sector also lost ground amid declining oil prices. The financials sector partly recovered from the failure of three large regional banks during the period but still finished with modest losses.

Cheaper oil contributed to slowing inflation, although core inflation readings—which exclude volatile food and energy prices—remained stubbornly high. In response, the Federal Reserve raised its short-term lending benchmark rate to a target range of 5.00% to 5.25% by early May, the highest level since 2007. The Fed held rates steady at its June meeting, but policymakers indicated that two more rate hikes could come by the end of the year.

In the fixed income market, returns were generally positive across most sectors as investors benefited from the higher interest rates that have become available over the past year. Investment-grade corporate bonds were supported by generally solid balance sheets and were among the strongest performers.

Global economies and markets showed surprising resilience in recent months, but, moving into the second half of 2023, we believe investors could face potential challenges. The impact of the Fed's rate hikes has yet to be fully felt in the economy, and while the regional banking turmoil appears to have been contained by the swift actions of regulators, it could weigh on credit conditions. Moreover, market consensus still seems to point to a coming recession, although hopes have emerged that such a downturn could be more modest.

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 securities that can add value to your portfolio over the long term.

You may notice that this report no longer contains the commentary on your fund's performance and positioning that we previously included in the semiannual shareholder letters. The Securities and Exchange Commission (SEC) adopted new rules in January that will require fund reports to transition to a new format known as a Tailored Shareholder Report. This change will require a much more concise summary of performance rather than the level of detail we have provided historically while also aiming to be more visually engaging. As we prepare to make changes to the annual reports to meet the new report regulatory requirements by mid-2024, we felt the time was right to discontinue the optional six-month semiannual fund letter to focus on the changes to come.

While semiannual fund letters will no longer be produced, you may continue to access current fund information as well as insights and perspectives from our investment team on our personal investing website.

Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert Sharps
CEO and President

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Portfolio Summary

CREDIT QUALITY DIVERSIFICAT	TION	
	Percent of 12/31/22	Net Assets 6/30/23
Quality Rating		
U.S. Government Agency Securities*	3%	5%
U.S. Treasury**	19	21
AAA	14	12
AA	10	11
A	25	24
BBB	27	26
BB and Below	1	_
Reserves	1	1
Total	100%	100%

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. A rating of AAA represents the highest-rated securities, and a rating of D represents the lowest-rated securities. 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 (NR). 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 0.09% of the portfolio at the end of the reporting period.

- * 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.

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before expenses)

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. The 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 Expenses Beginning Ending Paid During Account Account Period* 1/1/23 to Value Value 1/1/23 6/30/23 6/30/23 **Limited-Term Bond Portfolio** Actual \$1,000.00 \$1,013.00 \$2.50 Hypothetical (assumes 5% return before expenses) 1,000.00 1,022.32 2.51 Limited-Term Bond Portfolio-II Actual 1,000.00 1,011.70 3.74 Hypothetical (assumes 5% return

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%.

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Limited-Term Bond Portfolio Clas	SS								
		6 Months	Year						
		Ended	Ended						
		6/30/23	12/31/22	12/31/21	12/31/20		12/31/19		12/31/18
NET ASSET VALUE						_		_	
Beginning of period	. \$	4.59	\$ 4.91	\$ 5.00	\$ 4.87	\$_	4.78	\$	4.82
Investment activities									
Net investment income ⁽¹⁾⁽²⁾		0.07	0.09	0.07	0.10		0.11		0.09
Net realized and unrealized gain/									
loss		(0.01)	 (0.31)	 (0.06)	 0.13		0.10		(0.03)
Total from investment activities		0.06	 (0.22)	 0.01	 0.23		0.21		0.06
Distributions									
Net investment income		(0.07)	(0.09)	(0.07)	(0.10)		(0.12)		(0.10)
Net realized gain		-	 (0.01)	 (0.03)	 _		.		_
Total distributions		(0.07)	 (0.10)	 (0.10)	 (0.10)		(0.12)		(0.10)
NET ASSET VALUE									
End of period	\$	4.58	\$ 4.59	\$ 4.91	\$ 5.00	\$	4.87	\$	4.78
Ratios/Supplemental Data									
Total return(2)(3)		1.30%	 (4.52)%	 0.13%	 4.71%		4.35%		1.18%
Ratios to average net assets:(2)									
Gross expenses before waivers/									
payments by Price Associates ⁽⁴⁾		0.70%(5)	 0.70%	 0.70%	 0.70%		0.70%		0.60%
Net expenses after waivers/									
payments by Price Associates		0.50%(5)	 0.50%	 0.50%	 0.50%		0.50%		0.60%
Net investment income		3.04%(5)	 1.93%	 1.31%	 2.04%		2.37%		1.93%
Portfolio turnover rate Net assets, end of period (in		29.5%	 86.3%	 64.3%	 70.4%		61.1%		52.6%
thousands)	\$	160,348	\$ 161,043	\$ 171,166	\$ 139,173	\$	455,521	\$	434,175

 $[\]ensuremath{^{(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

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

Limited-Term Bond Portfolio-II Class										
Class	6 Months Ended		Year Ended				10/01/00		10/01/10	40/04/40
NET 400ET VALUE	6/30/23	1	2/31/22	1	12/31/21	,	12/31/20		12/31/19	12/31/18
NET ASSET VALUE Beginning of period	\$ 4.57	\$	4.89	\$\$	4.98	\$	4.85	_\$_	4.76	\$ 4.80
Investment activities Net investment income ⁽¹⁾⁽²⁾ Net realized and unrealized gain/	0.06		0.08		0.05		0.08		0.10	0.08
loss	(0.01)		(0.31)		(0.06)		0.13		0.09	(0.04)
Total from investment activities	 0.05		(0.23)		(0.01)		0.21		0.19	 0.04
Distributions	(0.00)		(0.00)		(0.05)		(0.00)		(0.40)	(0.00)
Net investment income	(0.06)		(0.08)		(0.05)		(80.0)		(0.10)	(80.0)
Net realized gain	 		(0.01)		(0.03)					
Total distributions	 (0.06)		(0.09)		(0.08)		(0.08)		(0.10)	 (80.0)
NET ASSET VALUE										
End of period	\$ 4.56	\$	4.57	\$	4.89	\$	4.98	\$	4.85	\$ 4.76
Ratios/Supplemental Data										
Total return(2)(3)	 1.17%		(4.78)%		(0.13)%		4.46%		4.10%	 0.93%
Ratios to average net assets:(2)										
Gross expenses before waivers/										
payments by Price Associates ⁽⁴⁾	0.95%(5)		0.95%		0.95%		0.95%		0.95%	0.84%
Net expenses after waivers/	 									
payments by Price Associates	0.75%(5)		0.75%		0.75%		0.75%		0.75%	0.84%
Net investment income	 2.78%(5)		1.69%		1.06%		1.68%		2.11%	 1.72%
D 16 11 1	00.50		00.051		0.4.004		70.40/		04.404	50.001
Portfolio turnover rate	 29.5%		86.3%		64.3%		70.4%		61.1%	 52.6%
Net assets, end of period (in thousands)	\$ 16,526	\$	17,217	\$	18,786	\$	15,503	\$	16,613	\$ 15,247

⁽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, 2023 (Unaudited)

PORTFOLIO OF INVESTMENTS [‡]	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
ASSET-BACKED SECURITIES 13.0%			Enterprise Fleet Financing		
			Series 2023-2, Class A2		
Car Loan 7.1%			5.56%, 4/22/30 (1)	360	358
AmeriCredit Automobile Receivables Trust			Exeter Automobile Receivables Trust		
Series 2020-1, Class C			Series 2021-3A, Class D	455	140
1.59%, 10/20/25	395	388	1.55%, 6/15/27	155	142
AmeriCredit Automobile Receivables Trust			Exeter Automobile Receivables Trust Series 2022-2A, Class C		
Series 2020-1, Class D	445	007	3.85%, 7/17/28	305	294
1.80%, 12/18/25	415	397	Exeter Automobile Receivables Trust		
AmeriCredit Automobile Receivables Trust Series 2020-2, Class B			Series 2022-4A, Class D		
0.97%, 2/18/26	52	52	5.98%, 12/15/28	140	137
AmeriCredit Automobile Receivables Trust			Exeter Automobile Receivables Trust		
Series 2020-3, Class C			Series 2022-5A, Class C		
1.06%, 8/18/26	115	108	6.51%, 12/15/27	450	449
AmeriCredit Automobile Receivables Trust			Ford Credit Auto Lease Trust		
Series 2021-1, Class C			Series 2022-A, Class C		
0.89%, 10/19/26	190	176	4.18%, 10/15/25	465	451
AmeriCredit Automobile Receivables Trust			Ford Credit Auto Lease Trust		
Series 2021-1, Class D			Series 2023-A, Class C	100	00
1.21%, 12/18/26	115	105	5.54%, 12/15/26	100	98
AmeriCredit Automobile Receivables Trust			Ford Credit Auto Owner Trust		
Series 2021-2, Class D	225	211	Series 2020-2, Class C 1.74%, 4/15/33 (1)	145	131
1.29%, 6/18/27	235	211	Ford Credit Auto Owner Trust		
AmeriCredit Automobile Receivables Trust			Series 2023-A, Class B		
Series 2022-1, Class D	420	385	5.07%, 1/15/29	410	403
3.23%, 2/18/28 Ari Fleet Lease Trust	420	365	Ford Credit Floorplan Master Owner Trust		
Series 2020-A, Class B			Series 2020-1, Class C		
2.06%, 11/15/28 (1)	475	471	1.42%, 9/15/25	220	215
Avis Budget Rental Car Funding AESOP			Ford Credit Floorplan Master Owner Trust		
Series 2018-1A, Class D			Series 2023-1, Class C		
5.25%, 9/20/24 (1)	158	157	5.75%, 5/15/28 (1)	115	113
Avis Budget Rental Car Funding AESOP			Ford Credit Floorplan Master Owner Trust		
Series 2018-2A, Class C			Series 2023-1, Class D	405	400
4.95%, 3/20/25 (1)	260	257	6.62%, 5/15/28 (1)	135	133
Avis Budget Rental Car Funding AESOP			GM Financial Automobile Leasing Trust		
Series 2019-2A, Class A			Series 2022-3, Class C	615	603
3.35%, 9/22/25 (1)	475	461	5.13%, 8/20/26 GM Financial Automobile Leasing Trust		
Avis Budget Rental Car Funding AESOP			Series 2023-1, Class C		
Series 2019-2A, Class B	415	401	5.76%, 1/20/27	270	267
3.55%, 9/22/25 (1)	415	401	GM Financial Consumer Automobile		
Avis Budget Rental Car Funding AESOP Series 2020-1A, Class A			Receivables Trust		
2.33%, 8/20/26 (1)	340	316	Series 2020-2, Class A3		
Carmax Auto Owner Trust	040		1.49%, 12/16/24	18	18
Series 2023-2, Class C			GM Financial Consumer Automobile		
5.57%, 11/15/28	265	261	Receivables Trust		
Carmax Auto Owner Trust			Series 2020-4, Class C		
Series 2023-2, Class D			1.05%, 5/18/26	105	99
6.55%, 10/15/29	175	173	GM Financial Consumer Automobile		
CarMax Auto Owner Trust			Receivables Trust		
Series 2020-4, Class D			Series 2023-1, Class B	40	20
1.75%, 4/15/27	145	135	5.03%, 9/18/28 Hyundai Auto Receivables Trust	4 U	
Carvana Auto Receivables Trust			Series 2020-B, Class C		
Series 2021-P4, Class B	100	101	1.60%, 12/15/26	175	167
1.98%, 2/10/28	190	164	JPMorgan Chase Bank		
Carvana Auto Receivables Trust Series 2022-N1, Class C			Series 2021-2, Class D		
3.32%, 12/11/28 (1)	133	128	1.138%, 12/26/28 (1)	69	67
0.02/0, 12/11/20(1)		120			

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
Nissan Auto Receivables Owner Trust Series 2020-A, Class A3			BRE Grand Islander Timeshare Issuer Series 2019-A, Class A		
1.38%, 12/16/24	36	36	3.28%, 9/26/33 (1)	92	86
Santander Bank			Cedar Funding XIV		
Series 2021-1A, Class B			Series 2021-14A, Class A, CLO, FRN		
1.833%, 12/15/31 (1)	89	87	3M USD LIBOR + 1.10%, 6.36%,		
Santander Bank Auto Credit-Linked Notes			7/15/33 (1)	290	286
Series 2022-B, Class C			CIFC Funding		
5.916%, 8/16/32 (1)	148	147	Series 2021-4A, Class A, CLO, FRN		
Santander Consumer Auto Receivables			3M USD LIBOR + 1.05%, 6.31%,		
Trust			7/15/33 (1)	250	248
Series 2020-BA, Class C			Dryden		
1.29%, 4/15/26 (1)	115	112	Series 2020-86A, Class A1R, CLO, FRN		
Santander Drive Auto Receivables Trust			3M USD LIBOR + 1.10%, 6.36%,	0.50	0.45
Series 2020-4, Class C			7/17/34 (1)	250	245
1.01%, 1/15/26	27	27	Elara HGV Timeshare Issuer		
Santander Drive Auto Receivables Trust			Series 2016-A, Class A	100	107
Series 2021-4, Class D	255	005	2.73%, 4/25/28 (1) Elara HGV Timeshare Issuer	128	127
1.67%, 10/15/27	200	235	Series 2017-A, Class A		
Santander Drive Auto Receivables Trust Series 2022-1, Class C			2.69%, 3/25/30 (1)	43	42
2.56%, 4/17/28	415	396	Elara HGV Timeshare Issuer		
Santander Drive Auto Receivables Trust			Series 2019-A, Class A		
Series 2022-2, Class C			2.61%, 1/25/34 (1)	221	205
3.76%, 7/16/29	365	347	FirstKey Homes Trust		
Santander Drive Auto Receivables Trust			Series 2020-SFR1, Class D		
Series 2022-5, Class C			2.241%, 8/17/37 (1)	500	453
4.74%, 10/16/28	330	320	Hardee's Funding		
Santander Retail Auto Lease Trust			Series 2018-1A, Class A2II		
Series 2021-A, Class C			4.959%, 6/20/48 (1)	200	186
1.14%, 3/20/26 (1)	430	415	Hilton Grand Vacations Trust		
Santander Retail Auto Lease Trust			Series 2017-AA, Class A		
Series 2021-B, Class D			2.66%, 12/26/28 (1)	31	
1.41%, 11/20/25 (1)	185	177	Hilton Grand Vacations Trust		
Santander Retail Auto Lease Trust			Series 2017-AA, Class B		
Series 2021-C, Class C	455	4.40	2.96%, 12/26/28 (1)		11
1.11%, 3/20/26 (1)	155	148	HPEFS Equipment Trust		
Santander Retail Auto Lease Trust			Series 2023-1A, Class C	100	98
Series 2022-B, Class B 3.85%, 3/22/27 (1)	75	72	5.91%, 4/20/28 (1) KKR		90
World Omni Auto Receivables Trust			Series 29A, Class A, CLO, FRN		
Series 2019-C, Class C			3M USD LIBOR + 1.20%, 6.46%,		
2.40%, 6/15/26	460	455	1/15/32 (1)	250	248
World Omni Auto Receivables Trust			Madison Park Funding XXIII		
Series 2020-A, Class C			Series 2017-23A, Class AR, CLO, FRN		
1.64%, 8/17/26	295	286	3M USD LIBOR + 0.97%, 6.262%,		
World Omni Auto Receivables Trust			7/27/31 (1)	280	277
Series 2022-A, Class C			Madison Park Funding XXXIII		
2.55%, 9/15/28	155	142	Series 2019-33A, Class AR, CLO, FRN		
World Omni Select Auto Trust			3M TSFR + 1.29%, 6.276%, 10/15/32 (1)	485	477
Series 2020-A, Class B			Madison Park Funding XXXV		
0.84%, 6/15/26	128	126	Series 2019-35A, Class A1R, CLO, FRN		
World Omni Select Auto Trust			3M USD LIBOR + 0.99%, 6.24%,	455	4.40
Series 2020-A, Class C			4/20/32 (1)	455	448
1.25%, 10/15/26	160	152	Madison Park Funding XXXVII		
Other Asset Basis d Commun. 5 CC		12,610	Series 2019-37A, Class AR, CLO, FRN		
Other Asset-Backed Securities 5.3%			3M USD LIBOR + 1.07%, 6.33%, 7/15/33 (1)	465	460
Blackbird Capital Aircraft Lease Securitization			1/10/00 (1)	400	400
Series 2016-1A, Class AA, STEP					
2.487%, 12/16/41 (1)	70	67			

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)	-		(Amounts in 000s)	-	
Magnetite XXV Series 2020-25A, Class A, CLO, FRN			Sierra Timeshare Receivables Funding Series 2019-1A, Class A		
3M USD LIBOR + 1.20%, 6.455%,			3.20%, 1/20/36 (1)	53	51
1/25/32 (1)	500	496	Symphony Static I		
MMAF Equipment Finance			Series 2021-1A, Class B, CLO, FRN		
Series 2022-B, Class A3			3M USD LIBOR + 1.45%, 6.705%,		
5.61%, 7/10/28 (1)	155	155	10/25/29 (1)	350	340
MVW			Symphony XXIII		
Series 2020-1A, Class B			Series 2020-23A, Class AR, CLO, FRN		
2.73%, 10/20/37 (1)	93	87	3M USD LIBOR + 1.02%, 6.28%,	450	440
MVW			1/15/34 (1)	450	443
Series 2023-1A, Class A	010	010	Symphony XXVI		
4.93%, 10/20/40 (1)	319	312	Series 2021-26A, Class AR, CLO, FRN		
MVW Owner Trust			3M USD LIBOR + 1.08%, 6.33%, 4/20/33 (1)	250	245
Series 2017-1A, Class B 2.75%, 12/20/34 (1)	10	10	4/20/33(1)	230	9,373
MVW Owner Trust			Student Loan 0.6%		
Series 2017-1A, Class C			Navient Private Education Refi Loan Trust		
2.99%, 12/20/34 (1)	17	17	Series 2019-D, Class A2A		
Neuberger Berman Loan Advisers			3.01%, 12/15/59 (1)	88	81
Series 2017-26A, Class BR, CLO, FRN			Navient Private Education Refi Loan Trust		
3M USD LIBOR + 1.40%, 6.662%,			Series 2019-GA, Class A		
10/18/30 (1)	255	246	2.40%, 10/15/68 (1)	65	60
Neuberger Berman Loan Advisers			Navient Private Education Refi Loan Trust		
Series 2019-32A, Class AR, CLO, FRN			Series 2020-DA, Class A		
3M USD LIBOR + 0.99%, 6.255%,			1.69%, 5/15/69 (1)	44	39
1/20/32 (1)	400	394	Navient Private Education Refi Loan Trust		
Neuberger Berman XVII			Series 2020-FA, Class A		
Series 2014-17A, Class AR2, CLO, FRN			1.22%, 7/15/69 (1)	120	107
3M USD LIBOR + 1.03%, 6.303%,	400	405	Navient Private Education Refi Loan Trust		
4/22/29 (1)	438	435	Series 2020-GA, Class A		40
OCP			1.17%, 9/16/69 (1)	56	49
Series 2017-13A, Class A1AR, CLO, FRN 3M USD LIBOR + 0.96%, 6.22%,			Nelnet Student Loan Trust		
7/15/30 (1)	250	247	Series 2005-4, Class A4, FRN	061	050
OCP			SOFR90A + 0.442%, 5.408%, 3/22/32 Nelnet Student Loan Trust	261	252
Series 2017-13A, Class A2R, CLO, FRN			Series 2020-1A, Class A, FRN		
3M USD LIBOR + 1.55%, 6.81%,			1M USD LIBOR + 0.74%, 5.89%,		
7/15/30 (1)	315	307	3/26/68 (1)	134	131
Octane Receivables Trust			Nelnet Student Loan Trust		
Series 2021-2A, Class A			Series 2021-CA, Class AFX		
1.21%, 9/20/28 (1)	70	68	1.32%, 4/20/62 (1)	269	239
Octane Receivables Trust			SMB Private Education Loan Trust		
Series 2022-1A, Class B			Series 2020-PTB, Class A2A		
4.90%, 5/22/28 (1)	180	175	1.60%, 9/15/54 (1)	102	90
Octane Receivables Trust					1,048
Series 2022-2A, Class A	010	007	Total Asset-Backed Securities		
5.11%, 2/22/28 (1)	210	207	(Cost \$23,775)		23,031
Octane Receivables Trust Series 2023-1A, Class A					
5.87%, 5/21/29 (1)	84	83	CORPORATE BONDS 46.7%		
Palmer Square					
Series 2020-3A, Class A1AR, CLO, FRN			FINANCIAL INSTITUTIONS 19.4%		
3M USD LIBOR + 1.08%, 6.401%, 11/15/31 (1)	480	476	Banking 12.3%		
Progress Residential Trust	400	470	American Express, 2.25%, 3/4/25	445	421
Series 2020-SFR2, Class A			Banco Bilbao Vizcaya Argentaria, 0.875%,		
2.078%, 6/17/37 (1)	395	366	9/18/23	400	396
Progress Residential Trust			Banco Santander, 3.496%, 3/24/25	200	192
Series 2022-SFR6, Class A			Banco Santander, VR, 5.77%, 6/30/24 (2)	400	397
4.451%, 7/20/39 (1)	230	218	Bank of America, VR, 0.81%, 10/24/24 (2)		133
			Bank of America, VR, 0.976%, 4/22/25 (2)	255	244

	Par/Shares	\$ Value		Par/Shares	\$ Value
Amounts in 000s)			(Amounts in 000s)		
Bank of America, VR, 1.734%, 7/22/27 (2)	190	170	Mitsubishi UFJ Financial Group, VR,		
Bank of America, VR, 1.843%, 2/4/25 (2)	215	209	0.953%, 7/19/25 (2)	400	377
Bank of America, VR, 3.384%, 4/2/26 (2)	265	254	Morgan Stanley, FRN, SOFR + 0.455%,		
Bank of America, VR, 3.841%, 4/25/25 (2)	190	186	5.519%, 1/25/24	125	125
Bank of America, VR, 5.08%, 1/20/27 (2)	200	197	Morgan Stanley, FRN, SOFR + 0.466%,	005	001
Bank of Ireland Group, 4.50%, 11/25/23 (1)		861	5.555%, 11/10/23	295	295
Bank of Montreal, 3.70%, 6/7/25	350	337	Morgan Stanley, VR, 1.164%, 10/21/25 (2)	195	182
Bank of Montreal, 5.30%, 6/5/26	220	219	Morgan Stanley, VR, 2.63%, 2/18/26 (2)	250	237
Bank of Montreal, Series H, 4.25%, 9/14/24	390	383	Morgan Stanley, VR, 3.62%, 4/17/25 (2)	220 105	215 104
Bank of New York Mellon, VR, 4.414%,	005	010	Morgan Stanley, VR, 5.05%, 1/28/27 (2) Morgan Stanley, VR, 6.138%, 10/16/26 (2)	250	252
7/24/26 (2)	225	219	Morgan Stanley Bank, 4.754%, 4/21/26	250	246
Bank of New York Mellon, VR, 4.947%, 4/26/27 (2)	255	252	Northern Trust, 3.95%, 10/30/25	155	149
Bank of New York Mellon, VR, 5.148%,	233		PNC Financial Services Group, VR, 4.758%		
5/22/26 (2)	250	250	1/26/27 (2)	265	259
Banque Federative du Credit Mutuel,			PNC Financial Services Group, VR, 5.671%		
0.65%, 2/27/24 (1)	235	227	10/28/25 (2)	355	352
Banque Federative du Credit Mutuel,			PNC Financial Services Group, VR, 5.812%		
0.998%, 2/4/25 (1)	280	259	6/12/26 (2)	100	99
Banque Federative du Credit Mutuel,			Royal Bank of Canada, 4.95%, 4/25/25	445	438
4.935%, 1/26/26 (1)	200	196	Santander Holdings USA, VR, 2.49%,		
Barclays, VR, 1.007%, 12/10/24 (2)	245	239	1/6/28 (2)	190	164
Barclays, VR, 5.304%, 8/9/26 (2)	200	195	Standard Chartered, VR, 1.822%,		
Barclays, VR, 7.325%, 11/2/26 (2)	205	209	11/23/25 (1)(2)	200	187
BPCE, 5.70%, 10/22/23 (1)	1,010	1,003	State Street, VR, 4.857%, 1/26/26 (2)	115	113
CaixaBank, VR, 6.208%, 1/18/29 (1)(2)	270	268	State Street, VR, 5.104%, 5/18/26 (2)	180	179
Capital One Financial, 3.90%, 1/29/24	145	142	Synchrony Financial, 4.25%, 8/15/24	485	465
Capital One Financial, 4.25%, 4/30/25	60	58	Toronto-Dominion Bank, 0.70%, 9/10/24	350	330
Capital One Financial, VR, 2.636%,			Toronto-Dominion Bank, 4.285%, 9/13/24	460	451
3/3/26 (2)	265	247	Truist Financial, FRN, SOFR + 0.40%,	165	160
Capital One Financial, VR, 4.985%,	005	100	5.49%, 6/9/25	165 505	160 483
7/24/26 (2)	205	198	U.S. Bancorp, VR, 4.548%, 7/22/28 (2)	145	145
Capital One Financial, VR, 6.312%, 6/8/29 (2)	120	119	U.S. Bancorp, VR, 5.727%, 10/21/26 (2) UBS, 0.70%, 8/9/24 (1)	205	193
Citigroup, VR, 0.981%, 5/1/25 (2)	200	191	UBS Group, VR, 1.494%, 8/10/27 (1)(2)	200	171
Citigroup, VR, 3.106%, 4/8/26 (2)	240	229	UBS Group, VR, 4.488%, 5/12/26 (1)(2)	200	193
Citigroup, VR, 4.14%, 5/24/25 (2)	255	250	UBS Group, VR, 4.49%, 8/5/25 (1)(2)	235	229
Credicorp, 2.75%, 6/17/25 (1)	200	189	Wells Fargo, VR, 2.188%, 4/30/26 (2)	205	192
Danske Bank, 5.375%, 1/12/24 (1)	350	348	Wells Fargo, VR, 3.526%, 3/24/28 (2)	170	159
Danske Bank, VR, 3.773%, 3/28/25 (1)(2)	200	196	Wells Fargo, VR, 3.908%, 4/25/26 (2)	280	271
Discover Bank, 4.20%, 8/8/23	250	249	Wells Fargo, VR, 4.54%, 8/15/26 (2)	275	269
Fifth Third Bank, 2.25%, 2/1/27	250	219			21,719
Fifth Third Bank, VR, 5.852%, 10/27/25 (2)	335	327	Brokerage Asset Managers		
Goldman Sachs Group, 3.50%, 4/1/25	250	240	Exchanges 0.5%		
Goldman Sachs Group, VR, 0.925%,			Charles Schwab, 2.45%, 3/3/27	575	516
10/21/24 (2)	325	319	Charles Schwab, 3.20%, 3/2/27	135	124
Goldman Sachs Group, VR, 1.757%,			LSEGA Financing, 0.65%, 4/6/24 (1)	320	306
1/24/25 (2)	265	258	Nasdaq, 5.65%, 6/28/25	45	45
Goldman Sachs Group, VR, 4.482%,					991
8/23/28 (2)	210	203	Finance Companies 1.7%		
HDFC Bank, 5.686%, 3/2/26	250	250	AerCap Ireland Capital, 1.65%, 10/29/24	635	596
HSBC Holdings, 4.25%, 3/14/24	200	197	AerCap Ireland Capital, 4.50%, 9/15/23	78	77
HSBC Holdings, VR, 1.162%, 11/22/24 (2)	200	196	AerCap Ireland Capital, 4.875%, 1/16/24	300	298
HSBC Holdings, VR, 2.099%, 6/4/26 (2)	375	347	Avolon Holdings Funding, 2.125%,		
JPMorgan Chase, FRN, SOFR + 0.885%,	75	75	2/21/26 (1)	200	177
5.934%, 4/22/27	75	75	Avolon Holdings Funding, 2.875%,	050	000
JPMorgan Chase, VR, 0.824%, 6/1/25 (2) JPMorgan Chase, VR, 2.083%, 4/22/26 (2)	225 460	214 430	2/15/25 (1)	250	232
or morgan onase, vn, 2.003%, 4/22/20 (2)	400	430	Avolon Holdings Funding, 3.95%, 7/1/24 (1)) 75	73

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
Avolon Holdings Funding, 5.125%,			Public Storage, FRN, SOFR + 0.47%,		
10/1/23 (1)	325	324	5.519%, 4/23/24	115	115
Avolon Holdings Funding, 6.375%,			Realty Income, 3.875%, 7/15/24	450	439
5/4/28 (1)	90	89	Realty Income, 5.05%, 1/13/26	65	64
GATX, 3.25%, 9/15/26	342	316	WP Carey, 4.00%, 2/1/25	465	450
GATX, 4.35%, 2/15/24	360	356			1,522
SMBC Aviation Capital Finance, 3.55%,			Total Financial Institutions		34,413
4/15/24 (1)	235	230	INDUSTRIAL 24.4%		
SMBC Aviation Capital Finance, 4.125%,					
7/15/23 (1)	200	200	Basic Industry 1.6%		
		2,968	ArcelorMittal, 3.60%, 7/16/24	100	98
Financial Other 0.2%			Celanese U.S. Holdings, 5.90%, 7/5/24	440	439
LeasePlan, 2.875%, 10/24/24 (1)	400	381	Celanese U.S. Holdings, 6.05%, 3/15/25	545	543
		381	Celulosa Arauco y Constitucion, 4.50%,		
Insurance 3.9%			8/1/24	200	197
American International Group, 2.50%,			Ecolab, 1.65%, 2/1/27	100	90
6/30/25	220	207	Ecolab, 5.25%, 1/15/28	290	294
Athene Global Funding, 1.716%, 1/7/25 (1)) 435	403	LYB International Finance III, 1.25%,		
Athene Global Funding, 2.514%, 3/8/24 (1)		521	10/1/25	177	159
Brighthouse Financial Global Funding,			Nucor, 2.00%, 6/1/25	80	75
1.00%, 4/12/24 (1)	200	192	Nucor, 3.95%, 5/23/25	125	121
CNO Global Funding, 1.65%, 1/6/25 (1)	240	223	Nutrien, 4.90%, 3/27/28	110	108
CNO Global Funding, 1.75%, 10/7/26 (1)	355	313	POSCO, 4.375%, 8/4/25	450	437
Corebridge Financial, 3.50%, 4/4/25	205	195	Sherwin-Williams, 4.25%, 8/8/25	110	108
Elevance Health, 5.35%, 10/15/25	85	85	Westlake, 0.875%, 8/15/24	205	193
Equitable Financial Life Global Funding,					2,862
0.80%, 8/12/24 (1)	255	241	Capital Goods 0.9%		
Equitable Financial Life Global Funding,		T	Amcor Flexibles North America, 4.00%,		
1.10%, 11/12/24 (1)	360	337	5/17/25	210	202
Equitable Financial Life Global Funding,			Amphenol, 2.05%, 3/1/25	220	208
1.40%, 7/7/25 (1)	35	32	Amphenol, 4.75%, 3/30/26	95	94
First American Financial, 4.60%, 11/15/24	450	439	Carrier Global, 2.242%, 2/15/25	64	61
Health Care Service Corp A Mutual Legal			Martin Marietta Materials, 0.65%, 7/15/23	195	195
Reserve, 1.50%, 6/1/25 (1)	325	298	Parker-Hannifin, 3.65%, 6/15/24	400	392
Humana, 0.65%, 8/3/23	135	135	Regal Rexnord, 6.05%, 2/15/26 (1)	170	170
Humana, 1.35%, 2/3/27	90	78	Republic Services, 2.50%, 8/15/24	220	212
Humana, 3.85%, 10/1/24	180	176	Republic Services, 4.875%, 4/1/29	80	80
Humana, 4.50%, 4/1/25	145	142	· -		1,614
Humana, 5.75%, 3/1/28	85	86	Communications 4.4%		
Jackson Financial, 1.125%, 11/22/23	270	265	American Tower, 2.40%, 3/15/25	170	160
Jackson National Life Global Funding,	-		Charter Communications Operating,		
1.75%, 1/12/25 (1)	290	269	4.908%, 7/23/25	955	936
Marsh & McLennan, 3.75%, 3/14/26	45	44	Comcast, 5.25%, 11/7/25	105	106
Metropolitan Life Global Funding I, 4.05%,			Cox Communications, 3.15%, 8/15/24 (1)	450	436
8/25/25 (1)	335	322	Cox Communications, 3.50%, 8/15/27 (1)	100	93
Northwestern Mutual Global Funding,			Crown Castle, 1.05%, 7/15/26	255	223
4.35%, 9/15/27 (1)	215	209	Crown Castle, 1.03%, 7/13/20	220	201
Principal Life Global Funding II, 0.75%,			Crown Castle, 3.15%, 7/15/23	345	345
4/12/24 (1)	165	159			
Trinity Acquisition, 4.625%, 8/15/23	343	340	Crown Castle, 5.00%, 1/11/28		83
UnitedHealth Group, 3.70%, 5/15/27	280	270	Crown Castle Towers, 4.241%, 7/15/28 (1)		74
UnitedHealth Group, 4.25%, 1/15/29	350	340	GTP Acquisition Partners I, 3.482%,	405	4 4 4
	245		6/16/25 (1)	465	444
UnitedHealth Group, 5.15%, 10/15/25		246	KT, 4.00%, 8/8/25 (1)	450	436
UnitedHealth Group, 5.25%, 2/15/28	175	178	Meta Platforms, 4.60%, 5/15/28	185	183
Willis North America, 3.60%, 5/15/24	90	87	NTT Finance, 4.142%, 7/26/24 (1)	200	196
Pool Estate Investment Trusts 0.00/		6,832	NTT Finance, 4.239%, 7/25/25 (1)	200	194
Real Estate Investment Trusts 0.8%	405	454	Rogers Communications, 2.95%,	100	
Kimco Realty OP, 2.70%, 3/1/24	465	454	3/15/25 (1)	430	408

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)	-	
Rogers Communications, 3.20%,			Nordstrom, 2.30%, 4/8/24	35	34
3/15/27 (1)	310	287	Ross Stores, 0.875%, 4/15/26	155	137
SBA Tower Trust, 1.631%, 11/15/26 (1)	115	99	Ross Stores, 4.60%, 4/15/25	670	657
SBA Tower Trust, 1.884%, 1/15/26 (1)	85	76	Starbucks, 4.75%, 2/15/26	215	213
SBA Tower Trust, 2.836%, 1/15/25 (1)	325	306	Stellantis Finance U.S., 1.711%, 1/29/27 (1)	200	175
SBA Tower Trust, 6.599%, 1/15/28 (1)	155	157	Volkswagen Group of America Finance,		
SBA Tower Trust, Series 2014-2A, Class C,			3.95%, 6/6/25 (1)	200	194
STEP, 3.869%, 10/15/49 (1)	110	107			6,207
T-Mobile USA, 2.25%, 2/15/26	195	179	Consumer Non-Cyclical 7.3%		
T-Mobile USA, 3.50%, 4/15/25	265	255	AbbVie, 2.60%, 11/21/24	715	686
Take-Two Interactive Software, 3.30%,	0	0	AbbVie, 2.95%, 11/21/26	510	476
3/28/24	9	9	AbbVie, 3.20%, 5/14/26	45	43
Take-Two Interactive Software, 3.55%, 4/14/25	150	1/15	Amgen, 5.25%, 3/2/25	95	95
Take-Two Interactive Software, 5.00%,		145	Astrazeneca Finance, 1.20%, 5/28/26	320	289
3/28/26	265	262	BAT International Finance, 1.668%, 3/25/26		202
Verizon Communications, 1.45%, 3/20/26	270	244	BAT International Finance, 4.448%, 3/16/28		434
Verizon Communications, 2.625%, 8/15/26		367	Baxter International, 0.868%, 12/1/23	350	343
Warnermedia Holdings, 3.755%, 3/15/27	700	653	Bayer U.S. Finance II, 3.875%, 12/15/23 (1)	250	248
Warnermedia Holdings, 6.412%, 3/15/26	125	125	Becton Dickinson & Company, 3.363%,	220	200
		7,789	6/6/24 Becton Dickinson & Company, 3.734%,	336	329
Consumer Cyclical 3.5%			12/15/24	78	76
7-Eleven, 0.80%, 2/10/24 (1)	135	131	Becton Dickinson & Company, 4.693%,		
Advance Auto Parts, 5.90%, 3/9/26	60	59	2/13/28	375	370
Aptiv, 2.396%, 2/18/25	205	194	Brunswick, 0.85%, 8/18/24	290	273
AutoZone, 3.625%, 4/15/25	120	116	Cardinal Health, 3.079%, 6/15/24	180	175
Daimler Truck Finance North America,			Cardinal Health, 3.50%, 11/15/24	215	208
1.625%, 12/13/24 (1)	260	245	Coca-Cola Europacific Partners, 0.80%,		
Daimler Truck Finance North America,			5/3/24 (1)	680	652
5.15%, 1/16/26 (1)	150	149	Constellation Brands, 3.60%, 5/9/24	225	220
Daimler Truck Finance North America,			CSL Finance, 3.85%, 4/27/27 (1)	90	86
5.20%, 1/17/25 (1)	150	149	CVS Health, 2.875%, 6/1/26	115	108
General Motors Financial, 2.90%, 2/26/25	485	460	CVS Health, 3.00%, 8/15/26	105	98
General Motors Financial, 5.40%, 4/6/26	135	133	CVS Health, 5.00%, 2/20/26	255	254
Genuine Parts, 1.75%, 2/1/25	105	98	Diageo Capital, 5.20%, 10/24/25	200	200
Hyatt Hotels, 1.30%, 10/1/23	140	139	HCA, 3.125%, 3/15/27 (1)	260	239
Hyundai Capital America, 0.80%, 1/8/24 (1) 160	156	HCA, 5.375%, 2/1/25	165	163
Hyundai Capital America, 0.875%,			Imperial Brands Finance, 3.125%,		
6/14/24 (1)		76	7/26/24 (1)	480	463
Hyundai Capital America, 1.00%,	440	400	Imperial Brands Finance, 4.25%,		
9/17/24 (1)	110	103	7/21/25 (1)	200	191
Hyundai Capital America, 5.50%, 3/30/26 (1)	120	110	JDE Peet's, 0.80%, 9/24/24 (1)	150	140
Hyundai Capital America, 5.60%,	120	119	Kenvue, 5.35%, 3/22/26 (1)	115	116
3/30/28 (1)	160	159	Mars, 2.70%, 4/1/25 (1)	175	167
Hyundai Capital Services, 2.125%,			Mars, 4.55%, 4/20/28 (1)	355	349
4/24/25 (1)	200	187	Mondelez International, 2.625%, 3/17/27	190	175
Lowe's, 3.35%, 4/1/27	80	76	Mondelez International Holdings	000	404
Lowe's, 4.40%, 9/8/25	305	298	Netherlands, 4.25%, 9/15/25 (1)	200	194
Lowe's, 4.80%, 4/1/26	175	173	PeaceHealth Obligated Group, Series 2020,	, 50	15
Marriott International, 3.60%, 4/15/24	425	418	1.375%, 11/15/25 Perrigo Finance Unlimited, 3.90%, 12/15/24		45 651
Marriott International, 3.75%, 3/15/25	55	53	Pfizer Investment Enterprises, 4.45%,	- 0/3	
Marriott International, 4.90%, 4/15/29	55	54	5/19/26	910	897
Marriott International, 5.75%, 5/1/25	55	55	Pfizer Investment Enterprises, 4.45%,		
Mercedes-Benz Finance North America,			5/19/28	275	268
4.80%, 3/30/26 (1)	190	188	Philip Morris International, 4.875%, 2/13/26		228
Mercedes-Benz Finance North America,			Philip Morris International, 5.00%, 11/17/25		139
4.95%, 3/30/25 (1)	150	149	Philip Morris International, 5.125%,		
Nissan Motor, 3.043%, 9/15/23 (1)	665	660	11/15/24	270	269

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
Revvity, 0.85%, 9/15/24	715	673	Roper Technologies, 3.65%, 9/15/23	75	75
Royalty Pharma, 0.75%, 9/2/23	215	213	S&P Global, 2.45%, 3/1/27	510	470
Shire Acquisitions Investments Ireland,			Texas Instruments, 4.60%, 2/15/28	55	5
2.875%, 9/23/23	168	167	VMware, 0.60%, 8/15/23	165	16
Utah Acquisition, 3.95%, 6/15/26	435	413	Western Union, 2.85%, 1/10/25	525	500
Viatris, 1.65%, 6/22/25	285	262	Workday, 3.50%, 4/1/27	120	110
Viterra Finance, 4.90%, 4/21/27 (1)	280	269			4,07
Zoetis, 5.40%, 11/14/25	260	261	Transportation 1.4%		
Energy 3.0%		12,817	American Airlines PTT, Series 2017-2, Class B, 3.70%, 10/15/25	s 274	25
Canadian Natural Resources, 2.05%,			Canadian Pacific Railway, 1.35%, 12/2/24	315	29
7/15/25	335	312	Canadian Pacific Railway, 1.75%, 12/2/26	135	12
Cheniere Corpus Christi Holdings, 5.875%,			ERAC USA Finance, 4.60%, 5/1/28 (1)	345	33
3/31/25	395	393	HPHT Finance, 2.875%, 11/5/24	600	578
DCP Midstream Operating, 5.375%,			Penske Truck Leasing, 3.45%, 7/1/24 (1)	172	16
7/15/25	485	480	Penske Truck Leasing, 5.75%, 5/24/26 (1)	230	227
Devon Energy, 8.25%, 8/1/23	130	130	Triton Container International, 0.80%,		
Enbridge, 2.15%, 2/16/24	315	307	8/1/23 (1)	325	324
Enbridge, 2.50%, 1/15/25	265	252	United Airlines PTT, Series 2019-2, Class B	,	
Enbridge, 2.50%, 2/14/25	150	142	3.50%, 5/1/28	170	150
Energy Transfer, 2.90%, 5/15/25	65	62			2,45
Energy Transfer, 4.25%, 4/1/24	15	15	Total Industrial		43,110
Energy Transfer, 4.90%, 2/1/24	175	174	UTILITY 2.9%		
Energy Transfer, 5.875%, 1/15/24	610	609	Electric 2.3%		
Energy Transfer, Series 5Y, 4.20%, 9/15/23	85	85	AES, 3.30%, 7/15/25 (1)	190	179
Eni, Series X-R, 4.00%, 9/12/23 (1)	470	467	Alexander Funding Trust, 1.841%,		
Gray Oak Pipeline, 2.00%, 9/15/23 (1)	50	49	11/15/23 (1)	225	220
Gray Oak Pipeline, 2.60%, 10/15/25 (1)	105	96	Constellation Energy Generation, 5.60%,		
Ovintiv, 5.65%, 5/15/25	215	213	3/1/28	145	146
Pioneer Natural Resources, 5.10%, 3/29/26		164	DTE Energy, STEP, 4.22%, 11/1/24	240	234
Sabine Pass Liquefaction, 5.625%, 3/1/25	320	318	Enel Finance International, 1.375%,		
Sabine Pass Liquefaction, 5.75%, 5/15/24	300	300	7/12/26 (1)	265	23
Schlumberger Finance Canada, 1.40%,	00	70	Enel Finance International, 2.65%,		
9/17/25 TransCanada PipeLines, 6.203%, 3/9/26	80 415	73	9/10/24 (1)	405	389
		415	Enel Finance International, 6.80%,		
Williams, 4.30%, 3/4/24	75 160	74	10/14/25 (1)	200	203
Williams, 5.40%, 3/2/26	100	159 5,289	NextEra Energy Capital Holdings, 1.875%,		
Technology 2.3%		3,203	1/15/27	310	276
Analog Devices, FRN, SOFR + 0.25%,			NextEra Energy Capital Holdings, 4.45%,	000	004
5.342%, 10/1/24	70	70	6/20/25	230	220
CDW, 5.50%, 12/1/24	75	74	NextEra Energy Capital Holdings, 6.051%,	115	11/
Fidelity National Information Services,			3/1/25 NRG Energy, 3.75%, 6/15/24 (1)	115 155	110 150
0.60%, 3/1/24	130	125	Pacific Gas & Electric, 3.50%, 6/15/25	220	208
Fidelity National Information Services,			Vistra Operations, 3.55%, 7/15/24 (1)	1,150	1,11
4.50%, 7/15/25	135	132	Vistra Operations, 5.125%, 7/13/24 (1)	285	27
Fortinet, 1.00%, 3/15/26	160	143	VISITA OPERATIONS, 3.125%, 3/13/23 (1)	203	3,968
Intel, 4.875%, 2/10/26	180	179	Natural Gas 0.6%		
Microchip Technology, 0.972%, 2/15/24	300	291	APA Infrastructure, 4.20%, 3/23/25 (1)	625	604
Microchip Technology, 0.983%, 9/1/24	220	208	NiSource, 5.25%, 3/30/28	60	609 60
Microchip Technology, 2.67%, 9/1/23	250	249	Sempra Energy, 3.30%, 4/1/25	175	168
Micron Technology, 5.375%, 4/15/28	260	258	Sempra Energy, 5.30%, 4/1/25	125	125
NXP, 2.70%, 5/1/25	205	194	Southern California Gas, 2.95%, 4/15/27	185	172
NXP, 3.875%, 6/18/26	155	148	33 21 3 21 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3		1,130
NXP, 4.40%, 6/1/27	35	34	Total Utility		5,098
NXP, 4.875%, 3/1/24	250	248	•		
Oracle, 5.80%, 11/10/25	140	142	Total Corporate Bonds		00.60
Qorvo, 1.75%, 12/15/24 (1)	125	116	(Cost \$85,582)		82,621
Roper Technologies, 2.35%, 9/15/24	90	87			

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
FOREIGN GOVERNMENT OBLIGATION	S&		Bayview MSR Opportunity Master Fund		
MUNICIPALITIES 1.8%			Trust		
			Series 2021-2, Class A5, CMO, ARM		
Government Sponsored 0.3%			2.50%, 6/25/51 (1)	195	166
Federal Home Loan Banks, 5.00%, 2/28/25	630	628	Bayview MSR Opportunity Master Fund		
		628	Trust Series 2021-5, Class A5, CMO, ARM		
Owned No Guarantee 1.5%			2.50%, 11/25/51 (1)	147	125
Bank Mandiri Persero, 5.50%, 4/4/26	260	260	BINOM Securitization Trust		
DAE Funding, 1.55%, 8/1/24 (1)	200	190	Series 2021-INV1, Class A2, CMO, ARM		
Israel Electric, Series 6, 5.00%, 11/12/24	450	445	2.37%, 6/25/56 (1)	271	230
Korea Housing Finance, 4.625%, 2/24/28 (1)	440	434	BINOM Securitization Trust		
Korea Hydro & Nuclear Power, 4.25%,	440	434	Series 2021-INV1, Class A3, CMO, ARM		
7/27/27 (1)	490	475	2.625%, 6/25/56 (1)		72
NBN, 1.45%, 5/5/26 (1)	405	364	BRAVO Residential Funding Trust		
QNB Finance, 2.625%, 5/12/25	450	428	Series 2021-NQM3, Class A1, CMO, ARM 1.699%, 4/25/60 (1)	130	114
		2,596	CIM Trust		
Total Foreign Government Obligations &			Series 2020-INV1, Class A2, CMO, ARM		
Municipalities			2.50%, 4/25/50 (1)	78	63
(Cost \$3,292)		3,224	CIM Trust		
			Series 2021-INV1, Class A8, CMO, ARM		
MUNICIPAL SECURITIES 0.1%			2.50%, 7/1/51 (1)	95	81
			Citigroup Mortgage Loan Trust		
California 0.1%			Series 2020-EXP2, Class A3, CMO, ARM		
Golden State Tobacco Securitization,			2.50%, 8/25/50 (1)	57	47
Series A-1, 1.711%, 6/1/24	200	193	COLT Mortgage Loan Trust Series 2021-1, Class A2, CMO, ARM		
Total Municipal Securities			1.167%, 6/25/66 (1)	105	84
(Cost \$200)		193	Connecticut Avenue Securities		
			Series 2017-C05, Class 1ED3, CMO, ARM		
NON-U.S. GOVERNMENT MORTGAGE-	BACKED		1M USD LIBOR + 1.20%, 6.35%, 1/25/30	10	10
SECURITIES 11.3%			Connecticut Avenue Securities Trust		
			Series 2022-R01, Class 1M1, CMO, ARM		
Collateralized Mortgage			SOFR30A + 1.00%, 6.067%, 12/25/41 (1)	227	224
Obligations 6.1%			Connecticut Avenue Securities Trust		
Angel Oak Mortgage Trust Series 2020-3, Class A3, CMO, ARM			Series 2022-R03, Class 1M1, CMO, ARM	193	193
2.872%, 4/25/65 (1)	25	23	SOFR30A + 2.10%, 7.167%, 3/25/42 (1) Connecticut Avenue Securities Trust	190	193
Angel Oak Mortgage Trust			Series 2022-R04, Class 1M1, CMO, ARM		
Series 2020-5, Class A2, CMO, ARM			SOFR30A + 2.00%, 7.067%, 3/25/42 (1)	123	124
1.579%, 5/25/65 (1)	34	31	Connecticut Avenue Securities Trust		
Angel Oak Mortgage Trust			Series 2022-R06, Class 1M1, CMO, ARM		
Series 2021-1, Class A1, CMO, ARM			SOFR30A + 2.75%, 7.817%, 5/25/42 (1)	213	217
0.909%, 1/25/66 (1)	122	100	Connecticut Avenue Securities Trust		
Angel Oak Mortgage Trust			Series 2022-R07, Class 1M1, CMO, ARM	200	000
Series 2021-1, Class A2, CMO, ARM	35	28	SOFR30A + 2.95%, 8.017%, 6/25/42 (1)	222	228
1.115%, 1/25/66 (1) Angel Oak Mortgage Trust		20	Connecticut Avenue Securities Trust Series 2022-R08, Class 1M1, CMO, ARM		
Series 2021-2, Class A1, CMO, ARM			SOFR30A + 2.55%, 7.617%, 7/25/42 (1)	91	92
0.985%, 4/25/66 (1)	104	85	Deephaven Residential Mortgage Trust		· -
Angel Oak Mortgage Trust			Series 2021-1, Class A2, CMO, ARM		
Series 2021-3, Class A1, CMO, ARM			0.973%, 5/25/65 (1)	29	26
1.068%, 5/25/66 (1)	83	68	Deephaven Residential Mortgage Trust		
Angel Oak Mortgage Trust			Series 2021-2, Class A1, CMO, ARM		
Series 2021-6, Class A2, CMO, ARM	40=	2.4	0.899%, 4/25/66 (1)	52	44
1.581%, 9/25/66 (1)	107	84	Deephaven Residential Mortgage Trust		
Angel Oak Mortgage Trust Series 2021-6, Class A3, CMO, ARM			Series 2021-2, Class A3, CMO, ARM	E0	11
1.714%, 9/25/66 (1)	100	78	1.26%, 4/25/66 (1)	52	44

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)	<u> </u>		(Amounts in 000s)		
Eagle			JPMorgan Mortgage Trust		
Series 2021-2, Class M1A, CMO, ARM			Series 2020-INV1, Class A15, CMO, ARM		
SOFR30A + 1.55%, 6.617%, 4/25/34 (1)	80	80	3.50%, 8/25/50 (1)	99	86
Ellington Financial Mortgage Trust			MFA Trust		
Series 2019-2, Class A3, CMO, ARM			Series 2021-INV1, Class A1, CMO, ARM		
3.046%, 11/25/59 (1)	20	18	0.852%, 1/25/56 (1)	53	47
Ellington Financial Mortgage Trust			MFA Trust		
Series 2021-1, Class A1, CMO, ARM			Series 2021-NQM2, Class A2, CMO, ARM		
0.797%, 2/25/66 (1)	32	26	1.317%, 11/25/64 (1)	53	44
Ellington Financial Mortgage Trust			New Residential Mortgage Loan Trust		
Series 2021-1, Class A3, CMO, ARM			Series 2021-INV1, Class A6, CMO, ARM		
1.106%, 2/25/66 (1)	32	26	2.50%, 6/25/51 (1)	129	111
Ellington Financial Mortgage Trust			New Residential Mortgage Loan Trust		
Series 2021-2, Class A1, CMO, ARM			Series 2021-INV2, Class A7, CMO, ARM		
0.931%, 6/25/66 (1)	216	170	2.50%, 9/25/51 (1)	379	324
Ellington Financial Mortgage Trust			NLT Trust		
Series 2021-2, Class A3, CMO, ARM			Series 2021-INV2, Class A3, CMO, ARM		
1.291%, 6/25/66 (1)	63	49	1.52%, 8/25/56 (1)	97	76
Flagstar Mortgage Trust			OBX Trust		
Series 2020-1INV, Class A11, CMO, ARM			Series 2019-EXP2, Class 2A2, CMO, ARM		
1M USD LIBOR + 0.85%, 5.988%,			1M USD LIBOR + 1.20%, 5.035%,		
3/25/50 (1)	137	127	6/25/59 (1)	21	20
Flagstar Mortgage Trust			OBX Trust		
Series 2021-5INV, Class A5, CMO, ARM	405	407	Series 2020-EXP1, Class 2A2, CMO, ARM		
2.50%, 7/25/51 (1)	195	167	1M USD LIBOR + 0.95%, 6.10%,	00	0.1
Freddie Mac Whole Loan Securities Trust			2/25/60 (1)	33	
Series 2017-SC01, Class M1, CMO, ARM	50	EG	OBX Trust		
3.645%, 12/25/46 (1)	59		Series 2020-EXP2, Class A8, CMO, ARM	101	96
Freddie Mac Whole Loan Securities Trust			3.00%, 5/25/60 (1)		
Series 2017-SC02, Class M1, CMO, ARM	31	29	OBX Trust Series 2020-EXP2, Class A9, CMO, ARM		
3.865%, 5/25/47 (1)		29	3.00%, 5/25/60 (1)	26	22
Galton Funding Mortgage Trust Series 2018-1, Class A33, CMO, ARM			OBX Trust		
3.50%, 11/25/57 (1)	43	38	Series 2020-INV1, Class A5, CMO, ARM		
Galton Funding Mortgage Trust			3.50%, 12/25/49 (1)	56	50
Series 2019-1, Class A21, CMO, ARM			Oceanview Mortgage Trust		
4.50%, 2/25/59 (1)	14	14	Series 2022-1, Class A5, CMO, ARM		
Galton Funding Mortgage Trust			2.50%, 12/25/51 (1)	201	171
Series 2019-1, Class A32, CMO, ARM			Sequoia Mortgage Trust		
4.00%, 2/25/59 (1)	22	20	Series 2018-CH2, Class A21, CMO, ARM		
Galton Funding Mortgage Trust		 .	4.00%, 6/25/48 (1)	30	27
Series 2019-H1, Class M1, CMO, ARM			Sequoia Mortgage Trust		
3.339%, 10/25/59 (1)	230	207	Series 2018-CH3, Class A19, CMO, ARM		
Galton Funding Mortgage Trust			4.50%, 8/25/48 (1)	5	5
Series 2020-H1, Class M1, CMO, ARM			Sequoia Mortgage Trust		
2.832%, 1/25/60 (1)	380	283	Series 2018-CH4, Class A2, CMO, ARM		
GS Mortgage-Backed Securities Trust			4.00%, 10/25/48 (1)	2	1
Series 2014-EB1A, Class 2A1, CMO, ARM			SG Residential Mortgage Trust		
3.952%, 7/25/44 (1)	4	4	Series 2020-2, Class A1, CMO, ARM		
GS Mortgage-Backed Securities Trust			1.381%, 5/25/65 (1)	43	37
Series 2021-GR2, Class A6, CMO, ARM			SG Residential Mortgage Trust		
2.50%, 2/25/52 (1)	211	180	Series 2022-1, Class A1, CMO, ARM		
GS Mortgage-Backed Securities Trust			3.166%, 3/27/62 (1)	134	118
Series 2022-GR1, Class A5, CMO, ARM			Starwood Mortgage Residential Trust		
2.50%, 6/25/52 (1)	432	367	Series 2019-INV1, Class A3, CMO, ARM		
Imperial Fund Mortgage Trust			2.916%, 9/27/49 (1)	236	222
Series 2021-NQM2, Class A3, CMO, ARM			Starwood Mortgage Residential Trust		
1.516%, 9/25/56 (1)	108	83	Series 2021-2, Class A1, CMO, ARM		
Imperial Fund Mortgage Trust			0.943%, 5/25/65 (1)	99	87
Series 2022-NQM4, Class A1, CMO, STEP					
4.767%, 6/25/67 (1)	351	335			

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)		
Starwood Mortgage Residential Trust			Verus Securitization Trust		
Series 2021-4, Class A1, CMO, ARM			Series 2021-1, Class A3, CMO, ARM		
1.162%, 8/25/56 (1)	259	214	1.155%, 1/25/66 (1)	37	31
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2021-DNA5, Class M2, CMO, ARM			Series 2021-2, Class A1, CMO, ARM		
SOFR30A + 1.65%, 6.717%, 1/25/34 (1)	80	80	1.031%, 2/25/66 (1)	69	58
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2021-DNA7, Class M2, CMO, ARM			Series 2021-5, Class A3, CMO, ARM		
SOFR30A + 1.80%, 6.867%, 11/25/41 (1)	90	87	1.373%, 9/25/66 (1)	93	72
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2022-DNA1, Class M1A, CMO, ARM			Series 2021-7, Class A1, CMO, ARM		
SOFR30A + 1.00%, 6.067%, 1/25/42 (1)	157	154	1.829%, 10/25/66 (1)	345	292
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2022-DNA3, Class M1A, CMO, ARM			Series 2021-R1, Class A2, CMO, ARM		
SOFR30A + 2.00%, 7.067%, 4/25/42 (1)	243	244	1.057%, 10/25/63 (1)	23	21
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2022-DNA4, Class M1A, CMO, ARM			Series 2021-R2, Class A1, CMO, ARM		
SOFR30A + 2.20%, 7.267%, 5/25/42 (1)	282	284	0.918%, 2/25/64 (1)		63
Structured Agency Credit Risk Debt Notes			Verus Securitization Trust		
Series 2022-DNA5, Class M1A, CMO, ARM			Series 2022-1, Class A3, CMO, ARM		
SOFR30A + 2.95%, 8.017%, 6/25/42 (1)	267	272	3.288%, 1/25/67 (1)	302	257
Structured Agency Credit Risk Debt Notes			Wells Fargo Mortgage Backed Securities		
Series 2022-DNA6, Class M1A, CMO, ARM			Trust		
SOFR30A + 2.15%, 7.217%, 9/25/42 (1)			Series 2021-RR1, Class A3, CMO, ARM	242	
Structured Agency Credit Risk Debt Notes			2.50%, 12/25/50 (1)	242	208
Series 2022-HQA1, Class M1A, CMO, ARM		00.4			10,856
SOFR30A + 2.10%, 7.167%, 3/25/42 (1)	293	294	Commercial Mortgage-Backed		
Structured Agency Credit Risk Debt Notes			Securities 4.9%		
Series 2022-HQA3, Class M1A, CMO, ARM		105	BAMLL Commercial Mortgage Securities		
SOFR30A + 2.30%, 7.367%, 8/25/42 (1)	134	135	Trust		
Toorak Mortgage			Series 2021-JACX, Class C, ARM		
Series 2021-INV1, Class A2, CMO, ARM	60	50	1M USD LIBOR + 2.00%, 7.193%,	100	100
1.409%, 7/25/56 (1)	62	52	9/15/38 (1)	190	162
Towd Point Mortgage Trust			BCP Trust		
Series 2022-4, Class A1, CMO	411	276	Series 2021-330N, Class A, ARM		
3.75%, 9/25/62 (1)	411	376	1M USD LIBOR + 0.799%, 5.992%,	120	107
UWM Mortgage Trust			6/15/38 (1) BFLD	120	
Series 2021-INV2, Class A4, CMO, ARM 2.50%, 9/25/51 (1)	66	57	Series 2019-DPLO, Class B, ARM		
			1M TSFR + 1.454%, 6.601%, 10/15/34 (1)	510	503
UWM Mortgage Trust Series 2021-INV5, Class A4, CMO, ARM			BPR Trust		
2.50%, 1/25/52 (1)	411	350	Series 2021-TY, Class B, ARM		
Verus Securitization Trust		350	1M USD LIBOR + 1.15%, 6.343%,		
Series 2019-4, Class A3, CMO, STEP			9/15/38 (1)	200	186
3.00%, 11/25/59 (1)	182	173	BSREP Commercial Mortgage Trust		
Verus Securitization Trust			Series 2021-DC, Class D, ARM		
Series 2019-INV3, Class A3, CMO, ARM			1M USD LIBOR + 1.90%, 7.094%,		
3.10%, 11/25/59 (1)	159	152	8/15/38 (1)	175	148
Verus Securitization Trust			BX Commercial Mortgage Trust		
Series 2020-1, Class A3, CMO, STEP			Series 2019-XL, Class A, ARM		
2.724%, 1/25/60 (1)	234	218	1M TSFR + 1.034%, 6.181%, 10/15/36 (1)	99	98
Verus Securitization Trust			BX Commercial Mortgage Trust		
Series 2020-5, Class A3, CMO, STEP			Series 2021-SOAR, Class D, ARM		
1.733%, 5/25/65 (1)	29	26	1M USD LIBOR + 1.40%, 6.594%,		
Verus Securitization Trust			6/15/38 (1)	141	135
Series 2021-1, Class A1, CMO, ARM			BX Commercial Mortgage Trust		
0.815%, 1/25/66 (1)	38	32	Series 2022-AHP, Class A, ARM		
Verus Securitization Trust			1M TSFR + 0.99%, 6.137%, 1/17/39 (1)	190	185
Series 2021-1, Class A2, CMO, ARM			BX Commercial Mortgage Trust		
1.052%, 1/25/66 (1)	51	43	Series 2022-CSMO, Class B, ARM		
			1M TSFR + 3.141%, 8.288%, 6/15/27 (1)	260	259

Series 2013-375P. Class A 3JPMorgan Chase Commercial Mortgage Tust Series 2009-609M, Class C, ARM Series 2009-609M, Class C, ARM Series 2014-757P. Class D, ARM Series 2014-757P. Class C, ARM Series 2014-757P. Class D,		Par/Shares	\$ Value		Par/Shares	\$ Value
Series 2021-ARIA, Clase C, ARM	(Amounts in 000s)			(Amounts in 000s)		
Series 2021-ARIA, Clase C, ARM	BX Trust			JPMorgan Chase Commercial Mortaace		
MUSD LIBOR + 1.646%, 6.839%, 155 139 MUSD LIBOR + 1.77%, 6.964%, 255 2 2 2 2 2 2 2 2						
Displaying Commercial Mortgage Trust				Series 2020-609M, Class B, ARM		
Series 2013-375P, Class A 32519, 5710/35 (1) 482 447 Securities Trust Series 2020-600M, Class C, ARM Series 2013-375P Class B, ARM Series 2013-375P Class B, ARM Series 2013-375P Class B, ARM Series 2013-375P Class C, ARM Series	10/15/36 (1)	145	139	1M USD LIBOR + 1.77%, 6.964%,		
3,251%, 5/10/35 (1)	Citigroup Commercial Mortgage Trust				255	223
Series 2012-00-009M. Class C, ARM Series 2012-00-009M. Class C, ARM Series 2013-375P. Class B, ARM Series 2013-375P. Class B, ARM Series 2013-375P. Class C, ARM Series 2013-375P. Class C, CARM Series 2014-NDI. Class C, CARM Series 2021-NDI. Class C, CARM Series 2014-NDI. Cl	Series 2013-375P, Class A			JPMorgan Chase Commercial Mortgage		
Series 2013-37P. Class B, ARM 1M USD LIBOR + 2.17%, 7.364%, 8.858%, 5/10/35 (1) 210 1 1 1 1 1 1 1 1 1	3.251%, 5/10/35 (1)	482	447	Securities Trust		
1,015/35 (1) 205 186 10/15/35 (1) 210 1	Citigroup Commercial Mortgage Trust			Series 2020-609M, Class C, ARM		
Citigroup Commercial Mortgage Trust	Series 2013-375P, Class B, ARM					
Series 2014-ND, Class C, ARM 365%, 5/10/35 (1) 150 131 1M TSFR + 1.864%, 7.011%, 8/15/38 (1) 243 2 2 2 2 2 3 3 3 3	3.635%, 5/10/35 (1)	205	186		210	177
6.835%, \$710/35 (1) 150 131 1M TSFR + 1.864%, 7.011%, 8/16/38 (1) 243 2 Cold Storage Trust Series 2020-CE5, Class B, ARM 1M USD LIBOR + 1.30%, 6.493%, 1M TSFR + 1.114%, 6.261%, 12/15/37 (1) 188 1 1/15/37 (1) 256 251 KKR Industrial Portfolio Trust Series 2014-CR19, Class AM 1M TSFR + 1.114%, 6.261%, 12/15/37 (1) 75 76 Series 2014-CR19, Class AM 20 LSTAR Commercial Mortgage Trust Series 2014-CR19, Class D, ARM 14021%, 9/10/50 (1) 145 1 Series 2014-CR19, Class D, ARM 4021%, 9/10/50 (1) 145 1 1 145 1 Series 2014-CR19, Class D, ARM 4021%, 9/10/50 (1) 145 1 4021%, 9/10/50 (1) 145 1 Series 2014-GR19, Class D, ARM 4074 (1) 250 212 Morgan Stanley Capital Trust 1	Citigroup Commercial Mortgage Trust					
Scries 2010-LOSC, Class B, ARM	Series 2013-375P, Class C, ARM					
Series 2021-KDIP. Class B, ARM MUSD LIBOR + 1.30%, 6.493%, 1/15/37 (1) 256 251 KKR Industrial Portfolio Trust Series 2021-KDIP. Class D, ARM MISPR + 1.114%, 6.261%, 1/2/15/37 (1) 188 1 1/15/37 (1) 256 251 KKR Industrial Portfolio Trust Series 2021-KDIP. Class D, ARM MISPR + 1.14%, 6.261%, 1/2/15/37 (1) 75 75 75 75 75 75 75 7		150	131		243	228
MUSD LIBOR + 1.30%, 6.493%,	<u> </u>					
1/15/37 (1) 256 251					400	404
Series 2014-KD19, Class D, ARM		252	054		188	181
Series 2014-CR19, Class AM		256	251			
A.08%, 8/10/47					7.5	
Series 2014-CR19, Class D, ARM					75	72
Series 2014-CR19, Class D, ARM		210	202	5 5		
A 853%, 8/10/47 (1) 250 212 Morgan Stanley Capital I Trust Series 2014-150E, Class A Series 2014-UBS2, Class A 3,912%, 9/9/32 (1) 340 2 3,916%, 3/10/47 280 276 Morgan Stanley Capital I Trust Series 2014-UBS2, Class D A701%, 3/10/47 440 426 Morgan Stanley Capital I Trust Series 2014-UBS2, Class B 3,283%, 11/10/36 (1) 710 6 6 4,701%, 3/10/47 440 426 Morgan Stanley Capital I Trust Series 2014-UBS2, Class D, ARM Series 2015-UBS2, Class D, ARM Series 2015-UBS2, Class D, ARM Series 2015-UBS2, Class D, ARM MUSD LIBOR + 1.80%, 6.993%, 3/10/48 100 90 12/15/36 (1) 130				•		
Series 2014-ISDE, Class A Series 2014-ISDE, Class D ARM Series 2015-INXS2,					145	129
Series 2014-UBS2, Class A5 3.912%, 9/9/32 (1) 340 2		250	212			
3.961%, 3/10/47 280 276						
Series 2019-MEAD, Class D, ARM Series 2019-MEAD, Class D, ARM Series 2014-UBS2, Class B 3, 283%, 11/10/36 (1) 710 6 6 4/701%, 3/10/47 440 426 Morgan Stanley Capital I Trust Series 2015-CR22, Class B, ARM Series 2019-NUGS, Class D, ARM Series 2019-NUGS, Class D, ARM Series 2019-NUGS, Class D, ARM M USD LIBOR + 1,80%, 6,993%, 3,926%, 3/10/48 100 90 12/15/36 (1) 130 130 12/15/36 (1) 130	•				340	274
Series 2014-UBS2, Class B 3.283%, 11/10/36 (1) 710 6		280	276			
4.701%, 3/10/47 Commercial Mortgage Trust Series 2019-NUGS, Class D, ARM 3.926%, 3/10/48 100 90 12/15/36 (1) 130 Commercial Mortgage Trust Series 2017-PANW, Class D, ARM 3.926%, 3/10/48 100 90 12/15/36 (1) 130 Commercial Mortgage Trust Series 2017-PANW, Class D, ARM 4.343%, 10/10/29 (1) 100 90 11/ TSFR + 1.064%, 6.211%, 3/15/36 (1) 315 2 Credit Suisse Mortgage Trust Series 2021-PARK, Class B, ARM 4.343%, 10/10/29 (1) 100 90 11/ TSFR + 1.064%, 6.211%, 3/15/36 (1) 315 2 Credit Suisse Mortgage Trust Series 2021-PARK, Class C, ARM Series 2021-PARK, Class C, ARM 11/ SERF + 1.214%, 6.361%, 3/15/36 (1) 112 101 11/ MTSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Series 2021-ESH, Class C, ARM 1M USD LIBOR + 1.70%, 6.894%, 7/15/38 (1) 188 183 183 187 188 189 189 189 189 189 189 189 189 189					7.0	
Series 2019-NUGS, Class D, ARM Series 2019-NUGS, Class D, ARM Series 2015-CR22, Class B, ARM 1M USD LIBOR + 1.80%, 6.993%, 3.926%, 3/10/48 100 90 12/15/36(1) 130 130 Commercial Mortgage Trust ONE Mortgage Trust Series 2017-PANW, Class D, ARM Series 2021-PARK, Class B, ARM 4.343%, 10/10/29 (1) 100 90 1M TSFR + 1.064%, 6.211%, 3/15/36 (1) 315 2 2 2 2 2 2 2 2 2	•				710	623
Series 2015-CR22, Class B, ARM 1M USD LIBOR + 1.80%, 6.993%, 3.926%, 3/10/48 100 90 12/15/36 (1) 130		440	426			
3.926%, 3/10/48 100 90 12/15/36 (1) 130 Commercial Mortgage Trust Series 2021-PARK, Class B, ARM 4.343%, 10/10/29 (1) 100 90 1M TSFR + 1.064%, 6.211%, 3/15/36 (1) 315 2 Credit Suisse Mortgage Trust Series 2021-PARK, Class C, ARM 2.257%, 8/15/37 (1) 112 101 1M TSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Series 2021-ESH, Class C, ARM 3.02%, 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 MI TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Great Wolf Trust Series 2019-WOLF, Class C, ARM MI TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Great Wolf Trust Series 2019-WOLF, Class C, ARM MI TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Great Wolf Trust Series 2019-WOLF, Class C, ARM MI TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2021-BCMB, Class C, ARM MI SER + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2021-ROSS, Class B, ARM MI USD LIBOR + 1.60%, 6.794%, 5/15/26 (1) 160 137 JPMorgan Chase Commercial Mortgage Trust Series 2017-1, Class A, CMO, ARM Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust Series Series 2017-1, Class A, CMO, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust						
Commercial Mortgage Trust Series 2017-PANW, Class D, ARM Series 2017-PANK, Class B, ARM					400	00
Series 2017-PANW, Class D, ARM		100	90		130	69
4.343%, 10/10/29 (1) 100 90 1M TSFR + 1.064%, 6.211%, 3/15/36 (1) 315 2 Credit Suisse Mortgage Trust Series 2020-NET, Class A Series 2021-PARK, Class C, ARM 2.257%, 8/15/37 (1) 112 101 1M TSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Series 2021-ESH, Class C, ARM Series 2021-ESH, Class C, ARM MUSD LIBOR + 1.70%, 6.894%, 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Series 2019-WOLF, Class A, ARM Series 2019-WOLF, Class A, ARM MTSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Great Wolf Trust Series 2019-WOLF, Class C, ARM MTSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM MTSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM MTSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2021-HOS, Class B, ARM MUSD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM Series 2017-1A, Class A, CMO, ARM Series 2018-KWD, Class C, ARM MUSD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust Series 2018-MCN, ARM Series 2018-KWD, Class C, ARM Series 2017-1A, Class A, CMO, ARM 2.75%, 10/25/56 (1) 30 30 30 30 30 30 30 30 30 30 30 30 30	5 5			5 5		
Credit Suisse Mortgage Trust ONE Mortgage Trust Series 2020-NET, Class A Series 2021-PARK, Class C, ARM 2.257%, 8/15/37 (1) 112 101 1M TSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 1		400			045	000
Series 2020-NET, Class A Series 2021-PARK, Class C, ARM 2.257%, 8/15/37 (1) 112 101 1M TSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Wells Fargo Commercial Mortgage Trust Series 2015-NXS2, Class A2 1		100	90		315	292
2.257%, 8/15/37 (1) 112 101 1M TSFR + 1.214%, 6.361%, 3/15/36 (1) 170 1 Extended Stay America Trust Series 2021-ESH, Class C, ARM Series 2015-NXS2, Class A2 1M USD LIBOR + 1.70%, 6.894%, 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Series 2019-WOLF, Class A, ARM 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Great Wolf Trust Series 2019-WOLF, Class C, ARM 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 325 321 Residential Mortgage 0.3% Series 2019-WOLF, Class C, ARM 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2021-BOSS, Class B, ARM 1M USD LIBOR + 1.60%, 6.794%, 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 30 1 JPMorgan Chase Commercial Mortgage Securities Trust Series 2019-BKWD, Class C, ARM Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust Series 2017-1A, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust Towd Point Mortgage Trust Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust	5 5			5 5		
Extended Stay America Trust Series 2021-ESH, Class C, ARM 1M USD LIBOR + 1.70%, 6.894%, 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Series 2019-WOLF, Class A, ARM 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 1M USD LIBOR + 1.60%, 6.794%, 1M USD LIBOR + 1.60%, 6.794%, 5/15/26 (1) 1BO 1A7 Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, 188 183 WFRBS Commercial Mortgage Trust Series 2014-LC14, Class A5 Series 2014-LC14, Class A1 Series 2017-MORTgage Trust Series 2017-1A, Class A1, CMO, ARM Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust	,	440	404		170	155
Series 2021-ESH, Class C, ARM Series 2015-NXS2, Class A2 1M USD LIBOR + 1.70%, 6.894%, 3.02%, 7/15/58 55 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Great Wolf Trust Series 2014-LC14, Class A5 Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 MT SFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Residential Mortgage 0.3% Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-10, Class A, CMO, ARM 5/15/26 (1) 10 13 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Series 2017-1, Class A1, CMO, ARM 2.75%, 10/25/56 (1) 30 1 Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1 Towd Point Mortgage Trust		112	101			155
1M USD LIBOR + 1.70%, 6.894%, 3.02%, 7/15/58 55 7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Great Wolf Trust Series 2014-LC14, Class A5 440 4 Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Residential Mortgage 0.3% Gerat Wolf Trust Residential Mortgage 0.3% Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 Towd Point Mortgage Trust						
7/15/38 (1) 188 183 WFRBS Commercial Mortgage Trust Great Wolf Trust Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 Residential Mortgage 0.3% Great Wolf Trust Residential Mortgage 0.3% Finance of America HECM Buyout 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Series 2017-1, Class A1, CMO, ARM 2.75%, 10/25/56 (1) 30 Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 Towd Point Mortgage Trust					55	E 2
Great Wolf Trust Series 2014-LC14, Class A5 Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 8,5 Great Wolf Trust Residential Mortgage 0.3% 8 Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Series 2017-1, Class A1, CMO, ARM Series 2017-1, Class A1, CMO, ARM 2.75%, 10/25/56 (1) 30 Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust		100	100			53
Series 2019-WOLF, Class A, ARM 4.045%, 3/15/47 440 4 1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 8,5 Great Wolf Trust Residential Mortgage 0.3% 8 Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 8 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust 5 120 1 Series 2017-1, Class A1, CMO, ARM 2.75%, 10/25/56 (1) 30 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust 30 1			183	0 0		
1M TSFR + 1.148%, 6.295%, 12/15/36 (1) 325 321 8,5 Great Wolf Trust Residential Mortgage 0.3% Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust					440	434
Great Wolf Trust Residential Mortgage 0.3% Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust		205	201	4.045%, 3/15/47		
Series 2019-WOLF, Class C, ARM Finance of America HECM Buyout 1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust			321	Pasidential Martagae 0.29/		8,576
1M TSFR + 1.747%, 6.894%, 12/15/36 (1) 390 383 Series 2022-HB2, Class A1A, ARM GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust						
GS Mortgage Securities Trust 4.00%, 8/1/32 (1) 379 3 Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust		200	202			
Series 2021-ROSS, Class B, ARM MetLife Securitization Trust 1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust					070	004
1M USD LIBOR + 1.60%, 6.794%, Series 2017-1A, Class A, CMO, ARM 5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust	0 0				379	364
5/15/26 (1) 160 137 3.00%, 4/25/55 (1) 120 1 JPMorgan Chase Commercial Mortgage Towd Point Mortgage Trust Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust						
JPMorgan Chase Commercial Mortgage Securities Trust Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust		160	107		100	440
Securities Trust Series 2017-1, Class A1, CMO, ARM Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust			131		120	110
Series 2019-BKWD, Class C, ARM 2.75%, 10/25/56 (1) 30 1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust				8 8		
1M USD LIBOR + 1.85%, 7.043%, Towd Point Mortgage Trust					00	00
					30	
9/19/20(1) Series 2017-2, Class A1, CMO, ARM		255	300			
	0/ 10/ 20 (1)		300		17	10
2.75%, 4/25/57 (1) 17				2.1070, 4/20/01 (1)		16

	Par/Shares	\$ Value		Par/Shares	\$ Value
(Amounts in 000s)			(Amounts in 000s)	-	
Towd Point Mortgage Trust			Federal National Mortgage Assn., UMBS		
Series 2018-1, Class A1, CMO, ARM			2.00%, 10/1/50	107	88
3.00%, 1/25/58 (1)	62	60	2.50%, 1/1/52	194	164
		579	3.00%, 1/1/27 - 6/1/52	424	379
Total Non-U.S. Government Mortgage-			3.50%, 3/1/28 - 1/1/52	123	114
Backed Securities			4.00%, 11/1/49 - 9/1/52	651	612
(Cost \$22,193)		20,011	4.50%, 12/1/40 - 8/1/52	1,075	1,041
•			5.00%, 9/1/23 - 10/1/52	265	264
U.S. GOVERNMENT & AGENCY MORTO	AGE-BACKED		5.50%, 9/1/23 - 5/1/40	199	204
SECURITIES 4.5%			6.00%, 3/1/34 - 4/1/40	373	387
323323			6.50%, 7/1/32 - 12/1/32	45	47
U.S. Government Agency			UMBS, TBA (3)		
Obligations 2.9%			4.50%, 7/1/38	180	176
Federal Home Loan Mortgage				235	234
3.50%, 3/1/46	89	83	5.50%, 7/1/53 6.00%, 7/1/53		429
			6.00%, 7/ 1/55	425	
5.00%, 12/1/23 - 7/1/25	-		U.S. Covernment Obligations 160/		5,050
5.50%, 10/1/38	2	2	U.S. Government Obligations 1.6%		
6.00%, 9/1/34 - 9/1/35	61	64	Government National Mortgage Assn.		
7.00%, 3/1/39		56	2.00%, 3/20/52	21	17
7.50%, 6/1/38	49	51	3.00%, 9/20/47	684	619
Federal Home Loan Mortgage, ARM	_	_	3.50%, 10/20/52	790	729
12M USD LIBOR + 1.625%, 4.85%, 4/1/37	5	5	4.00%, 10/20/50 - 10/20/52	201	191
12M USD LIBOR + 1.625%, 5.259%, 6/1/38		10	4.50%, 10/20/52	342	330
12M USD LIBOR + 1.726%, 4.074%, 7/1/35	2	2	5.00%, 12/20/34 - 11/20/47	236	239
12M USD LIBOR + 1.733%, 4.294%,			5.50%, 3/20/48 - 3/20/49	39	40
10/1/36	5	5	Government National Mortgage Assn.,		
12M USD LIBOR + 1.74%, 4.91%, 5/1/38	5	5	TBA (3)		
12M USD LIBOR + 1.75%, 4.127%, 2/1/35	1	1	5.00%, 7/20/53	235	231
12M USD LIBOR + 1.775%, 5.225%, 5/1/37	3	3	5.50%, 7/20/53	365	363
12M USD LIBOR + 1.827%, 4.201%, 2/1/37	2	2	6.50%, 7/20/53	140	142
12M USD LIBOR + 1.842%, 4.091%, 1/1/37	2	2			2,901
12M USD LIBOR + 2.03%, 4.276%, 11/1/36	2	2	Total U.S. Government & Agency		
12M USD LIBOR + 2.083%, 4.582%, 2/1/38	7	7	Mortgage-Backed Securities		
1Y CMT + 2.245%, 4.37%, 1/1/36	4	5	(Cost \$8,328)		7,951
1Y CMT + 2.25%, 4.782%, 10/1/36	1	1	• • • •		
Federal Home Loan Mortgage, CMO,			U.S. GOVERNMENT AGENCY OBLIGAT	TIONS (EXCLUE	DING
2.00%, 2/15/40	39	37	MORTGAGE-BACKED) 20.7%		
Federal Home Loan Mortgage, UMBS			merrana Bronz J zon /		
2.50%, 1/1/52 - 4/1/52	312	266	Treasuries 20.7%		
3.00%, 11/1/34	148	139	U.S. Treasury Notes, 2.75%, 5/15/25	10,380	9,970
4.00%, 12/1/49	34	32	U.S. Treasury Notes, 2.875%, 6/15/25	10,000	
4.50%, 9/1/37 - 5/1/50	85	83			9,619
Federal National Mortgage Assn., ARM			U.S. Treasury Notes, 3.875%, 3/31/25	3,655	3,583
12M USD LIBOR + 1.34%, 3.59%, 12/1/35	2	2	U.S. Treasury Notes, 3.875%, 4/30/25	1,140	1,118
12M USD LIBOR + 1.553%, 3.807%, 7/1/35		1	U.S. Treasury Notes, 4.00%, 12/15/25	1,525	1,501
12M USD LIBOR + 1.584%, 3.834%,			U.S. Treasury Notes, 4.25%, 5/31/25 (4)(5)	6,405	6,325
12/1/35	5	5	U.S. Treasury Notes, 4.50%, 11/15/25	2,635	2,621
12M USD LIBOR + 1.601%, 4.222%, 7/1/36		5	U.S. Treasury Notes, 4.625%, 6/30/25	1,765	1,757
12M USD LIBOR + 1.655%, 3.905%, 8/1/37		1	Total U.S. Government Agency		
12M USD LIBOR + 1.77%, 4.145%, 12/1/35		· <u>-</u> :	Obligations (Excluding Mortgage-Backed)	
		5	(Cost \$37,402)		36,494
12M USD LIBOR + 1.78%, 4.03%, 1/1/34	5				
12M USD LIBOR + 1.788%, 4.538%, 5/1/38		2			
12M USD LIBOR + 1.83%, 5.082%, 4/1/38	12	12			
12M USD LIBOR + 1.853%, 4.103%, 8/1/38	6	6			
12M USD LIBOR + 1.892%, 4.142%,	•				
12/1/35	2	1			
12M USD LIBOR + 1.922%, 5.20%, 5/1/38	6	6			
12M USD LIBOR + 2.04%, 4.29%, 12/1/36	1	1			

Par/Shares \$ Value

(Amounts in 000s)

SHORT-TERM INVESTMENTS 1.6%

Money Market Funds 1.6%

T. Rowe Price Government Reserve Fund,

5.13% (6)(7) 2,898 2,898

Total Short-Term Investments

(Cost \$2,898) 2,898

SECURITIES LENDING COLLATERAL 3.2%

INVESTMENTS IN A POOLED ACCOUNT THROUGH SECURITIES LENDING PROGRAM WITH STATE STREET BANK **AND TRUST COMPANY 3.2%**

Money Market Funds 3.2%

T. Rowe Price Government Reserve Fund,

5.623 5,623 5.13% (6)(7)

Total Investments in a Pooled Account through Securities Lending Program with

State Street Bank and Trust Company 5,623

Total Securities Lending Collateral

(Cost \$5,623) 5,623

Total Investments in Securities

102.9% of Net Assets

(Cost \$189,293) 182,046

- ‡ 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 \$58,939 and represents 33.3% 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. To-Be-Announced purchase commitment. Total value of such securities at period-end amounts to \$1,575 and represents 0.9% of net assets.
- (4) See Note 4. All or a portion of this security is on loan at June 30, 2023.
- (5) At June 30, 2023, 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)

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

PTT Pass-Through Trust

SOFR Secured overnight financing rate

SOFR30A 30-day Average SOFR (Secured overnight financing rate)

SOFR90A 90-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	(5)	(4)	(1)
Barclays Bank, Protection Bought (Relevant Credit: Omnicom Group), Pay 1.00% Quarterly,				
Receive upon credit default, 12/20/24	1,250	(15)	(12)	(3)
Citibank, Protection Bought (Relevant Credit: General Mills), Pay 1.00% Quarterly, Receive				
upon credit default, 12/20/24	596	(8)	(6)	(2)
Goldman Sachs, Protection Bought (Relevant Credit: General Mills), Pay 1.00% Quarterly,				
Receive upon credit default, 12/20/24	1,220	(15)	(11)	(4)
Morgan Stanley, Protection Bought (Relevant Credit: Markit CMBX.NA.AAA-S13, 50 Year				
Index), Pay 0.50% Monthly, Receive upon credit default, 12/16/72	4,298	65	120	(55)
Total Bilateral Credit Default Swaps, Protection Bought			87	(65)
Total Bilateral Swaps			87	(65)

FUTURES CONTRACTS (\$000s) Value and Unrealized Expiration Notional Date Amount Gain (Loss) Short, 30 U.S. Treasury Notes five year contracts 9/23 (3,213)61 Short, 20 U.S. Treasury Notes ten year contracts 9/23 (2,245)38 9/23 Long, 172 U.S. Treasury Notes two year contracts 34,975 (497)Short, 18 Ultra U.S. Treasury Notes ten year contracts 9/23 (2,132)26 Net payments (receipts) of variation margin to date 358 \$ (14) Variation margin receivable (payable) on open futures contracts

AFFILIATED COMPANIES

(\$000s)

Total

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, 2023. 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)	Unrealized Gain/Loss	Investment Income
T. Rowe Price Government Reserve Fund, 5.13%	\$	_ \$	\$	53++
Totals	\$	-# \$	- \$	53+
Supplementary Investment Schedule				
Affiliate	Value 12/31/22	Purchase Cost	Sales Cost	Value 06/30/23
T. Rowe Price Government Reserve Fund, 5.13%	\$ 1,885	۵	¤ \$	8,521

- # Capital gain distributions from underlying Price 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 \$53 of dividend income and \$0 of interest income.
- purchase and sale information not shown for cash management funds.
- ^ The cost basis of investments in affiliated companies was \$8,521.

June 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)		
Assets Investments in securities, at value (cost \$189,293) Interest receivable Receivable for investment securities sold Cash Receivable for shares sold Bilateral swap premiums paid Other assets Total assets	\$	182,046 1,152 434 340 195 120 32 184,319
Liabilities Obligation to return securities lending collateral Payable for investment securities purchased Investment management and administrative fees payable Unrealized loss on bilateral swaps Bilateral swap premiums received Variation margin payable on futures contracts Payable for shares redeemed Other liabilities Total liabilities NET ASSETS	· \$	5,623 1,584 112 65 33 14 11 3 7,445
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 38,617,247 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the Corporation authorized NET ASSETS	\$ \$	(12,118) 188,992 176,874
NET ASSET VALUE PER SHARE Limited-Term Bond Portfolio Class		
(Net assets: \$160,348; Shares outstanding: 34,994,553) Limited-Term Bond Portfolio-II Class (Net assets: \$16,526; Shares outstanding: 3,622,694)	\$ \$	4.58 4.56

(Unaudited)

STATEMENT OF OPERATIONS

(\$000s)

	6 Months
	Ended
	6/30/23
Investment Income (Loss)	, ,
Income	
Interest	\$ 3,060
Dividend	53
Securities lending	1
Total income	 3,114
Expenses	
Investment management and administrative expense	618
Rule 12b-1 fees - Limited-Term Bond Portfolio-II Class	21
Waived / paid by Price Associates	 (176)
Net expenses	 463
Net investment income	 2,651
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	(1,111)
Futures	(180)
Swaps	(100)
Net realized loss	 (1,284)
THE FOUNDED TOO	
Change in net unrealized gain / loss	
Securities	1,555
Futures	(415)
Swaps	(72)
Change in net unrealized gain / loss	 1,068
Net realized and unrealized gain / loss	 (216)
INCREASE IN NET ASSETS FROM OPERATIONS	\$ 2,435

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

P	Λ	N	n	c)	
Ψ	U	U	U	ار ت	

(\$000s)		
	6 Month	s Year
	Ende	d Ended
	6/30/2	3 12/31/22
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 2,65	1 \$ 3,444
Net realized loss	(1,28	(3,103)
Change in net unrealized gain / loss	1,06	8 (9,031)
Increase (decrease) in net assets from operations	2,43	5 (8,690)
Distributions to shareholders		
Net earnings		
Limited-Term Bond Portfolio Class	(2,42	(3,413)
Limited-Term Bond Portfolio-II Class	(22	9) (328)
Decrease in net assets from distributions	(2,65	7) (3,741)
Capital share transactions*		
Shares sold		
Limited-Term Bond Portfolio Class	13,71	7 59,524
Limited-Term Bond Portfolio-II Class	2,18	1 7,474
Distributions reinvested		
Limited-Term Bond Portfolio Class	2,43	2 3,428
Limited-Term Bond Portfolio-II Class	22	9 329
Shares redeemed		
Limited-Term Bond Portfolio Class	(16,63	(61,847)
Limited-Term Bond Portfolio-II Class	(3,08	(8,169)
Increase (decrease) in net assets from capital share transactions	(1,16	
Net Assets		
Decrease during period	(1,38	(6) (11,692)
Beginning of period	178,26	0 189,952
End of period	\$ 176,87	4 \$ 178,260
*Share information (000s)		
Shares sold		
Limited-Term Bond Portfolio Class	2,97	0 12,646
Limited-Term Bond Portfolio-II Class	47	6 1,605
Distributions reinvested		
Limited-Term Bond Portfolio Class	52	8 735
Limited-Term Bond Portfolio-II Class	5	0 71
Shares redeemed		
Limited-Term Bond Portfolio Class	(3,60	5) (13,157)
Limited-Term Bond Portfolio-II Class	(67	
Increase (decrease) in shares outstanding	(25	
	(20	-,

Unaudited

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 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. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from other investment companies 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 by each class daily and paid monthly. A capital gain distribution, if any, 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 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 in March 2020 and ASU 2021-01 in January 2021 which provided further amendments and clarifications to Topic 848. These ASUs provide 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, through December 31, 2022. In December 2022, FASB issued ASU 2022-06 which defers the sunset date of Topic 848 from December 31, 2022 to December 31, 2024, after which entities will no longer be permitted to apply the relief in Topic 848. Management intends to rely upon the relief provided under Topic 848, which is not expected to 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 fund's Board of Directors (the Board) has designated T. Rowe Price Associates, Inc. as the fund's valuation designee (Valuation Designee). Subject to oversight by the Board, the Valuation Designee performs the following functions in performing fair value determinations: assesses and manages valuation risks; establishes and applies fair value methodologies; tests fair value methodologies; and evaluates pricing vendors and pricing agents. The duties and responsibilities of the Valuation Designee are performed by its Valuation Committee. The Valuation Designee 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 Valuation Designee's 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 factors such as, but not limited to, 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 are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Designee. The Valuation Designee has adopted methodologies for determining the fair value of investments for which market quotations are not readily available or deemed unreliable, including the use of other pricing sources. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Designee 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 Designee 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. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions. Fair value prices determined by the Valuation Designee could differ from those of other market participants, and it is possible that the fair value determined for a security may be materially different from the value that could be realized upon the sale of that security.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2023 (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	\$ - \$	173,525 \$	- \$	173,525
hort-Term Investments	2,898	_	_	2,898
ecurities Lending Collateral	5,623	_	_	5,623
otal Securities	 8,521	173,525	-	182,046
waps	_	65	_	65
futures Contracts*	 125	_	_	125
otal	\$ 8,646 \$	173,590 \$	- \$	182,236
iabilities				
Swaps	\$ - \$	43 \$	- \$	43
utures Contracts*	 497	_	_	497
otal	\$ 497 \$	43 \$	- \$	540

¹ Includes Asset-Backed Securities, Corporate Bonds, Foreign Government Obligations & Municipalities, Municipal Securities, Non-U.S. Government Mortgage-Backed Securities and U.S. Government Agency Obligations (Excluding Mortgage-Backed).

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2023, 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 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, 2023, and the related location on the accompanying Statement of Assets and Liabilities, presented by primary underlying risk exposure:

^{*} 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.

(\$000s)	Location on Statement of Assets and Liabilities	Fair Value*
Assets		
Interest rate derivatives	Futures	\$ 125
Credit derivatives	Bilateral Swaps and Premiums	 65
Total		\$ 190
Liabilities		
Interest rate derivatives	Futures	\$ 497
Credit derivatives	Bilateral Swaps and Premiums	 43
Total		\$ 540

^{*} 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, 2023, 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		\$ (180)	\$ _	\$ (180)
Credit derivatives		 –	 7	 7
Total		\$ (180)	\$ 7	\$ (173)
Change in Unrealized Gain (Loss)				
Interest rate derivatives		\$ (415)	\$ _	\$ (415)
Credit derivatives		 _	 (72)	 (72)
Total		\$ (415)	\$ (72)	\$ (487)

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 non-cleared 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, 2023, no collateral was pledged by either the fund or counterparties for bilateral derivatives. As of June 30, 2023, securities valued at \$225,000 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 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, 2023, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between 23% 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 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 credit. For credit default swaps where the underlying credit is an index, a specified credit event may affect all or individual underlying securities included in the index and will be settled based upon the relative weighting of the affected underlying security(ies) within the index. 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 swap investments, and potential losses in excess of the fund's initial investment.

During the six months ended June 30, 2023, the volume of the fund's activity in swaps, based on underlying notional amounts, was generally between 2% and 6% 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, 2023, no collateral was pledged by the fund or counterparties for MSFTA Transactions.

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, 2023, the value of loaned securities was \$5,491,000; the value of cash collateral and related investments was \$5,623,000.

Other Purchases and sales of portfolio securities other than short-term and U.S. government securities aggregated \$21,717,000 and \$29,008,000, respectively, for the six months ended June 30, 2023. Purchases and sales of U.S. government securities aggregated \$30,181,000 and \$25,125,000, respectively, for the six months ended June 30, 2023.

NOTE 5 - FEDERAL INCOME TAXES

Generally, 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, 2022, the fund had \$3,257,000 of available capital loss carryforwards.

At June 30, 2023, the cost of investments (including derivatives, if any) for federal income tax purposes was \$189,380,000. Net unrealized loss aggregated \$7,684,000 at period-end, of which \$207,000 related to appreciated investments and \$7,891,000 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, extraordinary expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2024 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 \$176,000 and allocated ratably in the amounts of \$160,000 and \$16,000 for the Limited-Term Bond Portfolio Class and Limited-Term Bond Portfolio-II Class, respectively, for the six months ended June 30, 2023.

In addition, the fund has entered into service agreements with Price Associates and a wholly owned subsidiary of Price Associates, each an affiliate of the fund. Price Associates provides certain accounting and administrative services to the fund. T. Rowe Price Services, Inc. provides shareholder and administrative services in its capacity as the fund's transfer and dividend-disbursing agent. Pursuant to the all-inclusive fee arrangement under the investment management and administrative agreement, expenses incurred by the funds pursuant to these service agreements are paid by Price Associates.

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 (together, 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. 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, 2023, 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 the 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.

In March 2023, the collapse of some US regional and global banks as well as overall concerns around the soundness and stability of the global banking sector has sparked concerns of a broader financial crisis impacting the overall global banking sector. In certain cases, government agencies have assumed control or otherwise intervened in the operations of certain banks due to liquidity and solvency concerns. The extent of impact of these events on the US and global markets is highly uncertain.

These are recent examples of global events which may have a negative impact on the values of certain portfolio holdings or the fund's overall performance. 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.

RESULTS OF PROXY VOTING

A Special Meeting of Shareholders was held on July 24, 2023 for shareholders of record on April 7, 2023, to elect the following director-nominees to serve on the Board of all Price Funds. The newly elected Directors took office effective July 24, 2023.

The results of the voting were as follows:

	Votes For	Votes Withheld
Melody Bianchetto	19,894,920	222,940
Mark J. Parrell	19,889,624	222,251
Kellye L. Walker	19,933,770	187,352
Eric L. Veiel	19,892,380	222,251

Teresa Bryce Bazemore, Bruce W. Duncan, Robert J. Gerrard, Jr., Paul F. McBride and David Oestreicher continue to serve as Directors on the Board of all Price Funds.

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

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 agreements (Subadvisory Contracts) that the Adviser has entered into with T. Rowe Price International Ltd and T. Rowe Price Hong Kong Limited (Subadvisers) on behalf of the fund. In that regard, at a meeting held on March 6–7, 2023 (Meeting), the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract and Subadvisory Contracts. At the Meeting, the Board considered the factors and reached the conclusions described below relating to the selection of the Adviser and Subadvisers and the approval of the Advisory Contract and Subadvisory Contracts. The independent directors were assisted in their evaluation of the Advisory Contract and Subadvisory Contracts 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 continuation of the Advisory Contract and Subadvisory Contracts, 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 Subadvisers 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 Subadvisers

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser and Subadvisers. 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 Subadvisers' senior management teams and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board concluded that the information it considered with respect to the nature, quality, and extent of the services provided by the Adviser and Subadvisers, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract and Subadvisory Contracts.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and detailed reports that it regularly receives throughout the year on relative and absolute performance for the T. Rowe Price funds. In connection with the Meeting, the Board reviewed information provided by the Adviser that compared the fund's total returns, as well as a wide variety of other previously agreed-upon performance measures and market data, against relevant benchmark indexes and peer groups of funds with similar investment programs for various periods through December 31, 2022. Additionally, the Board reviewed the fund's relative performance information as of September 30, 2022, which ranked the returns of the fund's Investor Class for various periods against a universe of funds with similar investment programs selected by Broadridge, an independent provider of mutual fund data. In the course of its deliberations, the Board considered performance information provided throughout the year and in connection with the Advisory Contract review at the Meeting, as well as information provided during investment review meetings conducted with portfolio managers and senior investment personnel during the course of the year regarding the fund's performance. The Board also considered relevant factors, such as overall market conditions and trends that could adversely impact the fund's performance, length of the fund's performance track record, and how closely the fund's strategies align with its benchmarks and peer groups. The Board concluded that the information it considered with respect to the fund's performance, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract and Subadvisory Contracts.

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. While the Board did not review information regarding profits realized from managing the fund in particular because the fund had either not achieved sufficient portfolio asset size or not recognized sufficient revenues to produce meaningful profit margin percentages, the Board concluded that the Adviser's profits were reasonable in light of the services provided to the T. Rowe Price funds.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

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 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 0.50% 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. Under each 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 fund's investors 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. In addition, the 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.

In addition, the Board noted that the fund potentially shares in indirect economies of scale through the Adviser's ongoing investments in its business in support of the T. Rowe Price funds, including investments in trading systems, technology, and regulatory support enhancements, and the ability to possibly negotiate lower fee arrangements with third-party service providers. The Board concluded that the advisory fee structure for the fund provides for a reasonable sharing of benefits from any economies of scale with the fund's investors.

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 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 (which reflects the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement), and total expenses (which reflect the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement) 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 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).

The Adviser 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. The Board reviewed and considered the information provided relating to the fund, including other funds in the peer group, 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

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

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 Contracts

As noted, the Board approved the continuation of the Advisory Contract and Subadvisory Contracts. 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 Contracts (including the fees to be charged for services thereunder).



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.

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SEMIANNUAL REPORT

June 30, 2023

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Market Commentary

Dear Investor

Most major global stock and bond indexes produced positive returns during the first half of your fund's fiscal year, the sixmonth period ended June 30, 2023. Despite turmoil in the banking sector and a protracted debt ceiling standoff, markets were resilient as growth remained positive in the major economies and corporate earnings results came in stronger than expected.

For the six-month period, the technology-oriented Nasdaq Composite Index gained more than 30%, the strongest result of the major benchmarks, as tech companies benefited from investor enthusiasm for artificial intelligence applications. Growth stocks outperformed value shares, and developed market stocks generally outpaced their emerging market counterparts. Currency movements were mixed over the period, although a weaker dollar versus major European currencies was beneficial for U.S. investors in European securities.

Within the S&P 500 Index, the information technology, communication services, and consumer discretionary sectors were all lifted by the tech rally and recorded significant gains. Conversely, the defensive utilities sector had the weakest returns in the growth-focused environment, and the energy sector also lost ground amid declining oil prices. The financials sector partly recovered from the failure of three large regional banks during the period but still finished with modest losses.

Cheaper oil contributed to slowing inflation, although core inflation readings—which exclude volatile food and energy prices—remained stubbornly high. In response, the Federal Reserve raised its short-term lending benchmark rate to a target range of 5.00% to 5.25% by early May, the highest level since 2007. The Fed held rates steady at its June meeting, but policymakers indicated that two more rate hikes could come by the end of the year.

In the fixed income market, returns were generally positive across most sectors as investors benefited from the higher interest rates that have become available over the past year. Investment-grade corporate bonds were supported by generally solid balance sheets and were among the strongest performers.

Global economies and markets showed surprising resilience in recent months, but, moving into the second half of 2023, we believe investors could face potential challenges. The impact of the Fed's rate hikes has yet to be fully felt in the economy, and while the regional banking turmoil appears to have been contained by the swift actions of regulators, it could weigh on credit conditions. Moreover, market consensus still seems to point to a coming recession, although hopes have emerged that such a downturn could be more modest.

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 securities that can add value to your portfolio over the long term.

You may notice that this report no longer contains the commentary on your fund's performance and positioning that we previously included in the semiannual shareholder letters. The Securities and Exchange Commission (SEC) adopted new rules in January that will require fund reports to transition to a new format known as a Tailored Shareholder Report. This change will require a much more concise summary of performance rather than the level of detail we have provided historically while also aiming to be more visually engaging. As we prepare to make changes to the annual reports to meet the new report regulatory requirements by mid-2024, we felt the time was right to discontinue the optional six-month semiannual fund letter to focus on the changes to come.

While semiannual fund letters will no longer be produced, you may continue to access current fund information as well as insights and perspectives from our investment team on our personal investing website.

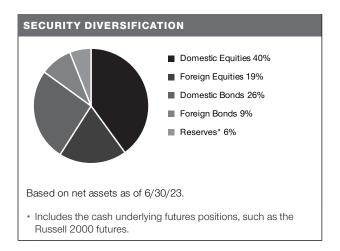
Thank you for your continued confidence in T. Rowe Price.

Sincerely,

Robert Sharps
CEO and President

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Portfolio Summary



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

Actual	Beginning Account Value 1/1/23	Ending Account Value 6/30/23	Expenses Paid During Period* 1/1/23 to 6/30/23		
Actual	\$1,000.00	\$1,087.40	\$3.62		
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.

(Unaudited)

FINANCIAL HIGHLIGHTS

For a share outstanding throughout each period

		6 Months		Year							
		Ended		Ended		10/01/01	10/01/00		10/01/10		10/01/10
NET ACCET VALUE		6/30/23		12/31/22		12/31/21	12/31/20		12/31/19		12/31/18
NET ASSET VALUE	ф	17.81	\$	22.63	\$	00.00	\$ 20.96	\$	18.31	\$	21.09
Beginning of period	. \$	17.81	ф	22.03	- -	22.92	 20.96	Ф	18.31	Ф	21.09
Investment activities											
Net investment income ⁽¹⁾⁽²⁾		0.21		0.31		0.24	0.28		0.38		0.39
Net realized and unrealized gain/		0.2.		0.0 .		0.2 .	0.20		0.00		0.00
loss		1.34		(4.45)		2.02	2.72		3.22		(1.44)
Total from investment activities		1.55		(4.14)		2.26	 3.00		3.60		(1.05)
Distributions											
Net investment income		(0.20)		(0.30)		(0.24)	(0.29)		(0.40)		(0.38)
Net realized gain				(0.38)		(2.31)	 (0.75)		(0.55)		(1.35)
Total distributions		(0.20)		(0.68)		(2.55)	 (1.04)		(0.95)		(1.73)
NET ASSET VALUE											
End of period	\$	19.16	\$	17.81	\$	22.63	\$ 22.92	\$	20.96	\$	18.31
Ratios/Supplemental Data											
Total return(2)(3)		8.74%		(18.31)%		10.06%	 14.54%		19.80%		(5.08)%
Ratios to average net assets:(2)											
Gross expenses before waivers/											
payments by Price Associates ⁽⁴⁾		0.90%(5)		0.90%		0.90%	0.90%		0.90%		0.88%
Net expenses after waivers/							 				
payments by Price Associates		0.70%(5)		0.70%		0.71%	0.72%		0.72%		0.76%
Net investment income		2.23%(5)		1.60%		1.00%	 1.32%		1.88%		1.84%
Portfolio turnover rate		42.3%		98.9%		82.3%	65.5%		91.2%		77.0%
Net assets, end of period (in							 				
thousands)	\$	170,908	\$	161,984	\$	209,296	\$ 200,870	\$	184,645	\$	166,744

 $^{^{\}mbox{\scriptsize (1)}}$ 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, 2023 (Unaudited)

PORTFOLIO OF INVESTMENTS [‡]	Shares/Par	\$ Value		Shares/Par	\$ Value
Cost and value in \$000s)			(Cost and value in \$000s)		
ASSET-BACKED SECURITIES 1.3%			MVW		
			Series 2023-1A, Class A		
AmeriCredit Automobile Receivables Trust			4.93%, 10/20/40 (1)	96,585	95
Series 2020-3, Class D			Octane Receivables Trust		
1.49%, 9/18/26	20,000	18	Series 2023-1A, Class A	00.004	
AmeriCredit Automobile Receivables Trust			5.87%, 5/21/29 (1)	83,894	
Series 2021-1, Class D	22.000	01	Santander Drive Auto Receivables Trust		
1.21%, 12/18/26 AmeriCredit Automobile Receivables Trust	23,000	21	Series 2021-4, Class D 1.67%, 10/15/27	25,000	23
Series 2023-1, Class C			Santander Drive Auto Receivables Trust	23,000	
5.80%, 12/18/28	35,000	35	Series 2022-2, Class C		
Amur Equipment Finance Receivables X			3.76%, 7/16/29	40,000	38
Series 2022-1A, Class D			Santander Drive Auto Receivables Trust		
2.91%, 8/21/28 (1)	100,000	89	Series 2022-5, Class C		
Carlyle U.S.			4.74%, 10/16/28	20,000	19
Series 2019-4A, Class A11R, CLO, FRN			Santander Drive Auto Receivables Trust		
3M TSFR + 1.32%, 6.306%, 4/15/35 (1)	250,000	244	Series 2022-6, Class B		
Carmax Auto Owner Trust			4.72%, 6/15/27	90,000	88
Series 2021-1, Class D			Santander Retail Auto Lease Trust		
1.28%, 7/15/27	90,000	82	Series 2021-A, Class D		
CarMax Auto Owner Trust			1.38%, 3/22/27 (1)	50,000	48
Series 2022-1, Class D			SMB Private Education Loan Trust		
2.47%, 7/17/28	20,000	18	Series 2018-A, Class A2A		
Carvana Auto Receivables Trust			3.50%, 2/15/36 (1)	44,327	42
Series 2022-P1, Class C	05.000	04	SMB Private Education Loan Trust		
3.30%, 4/10/28	35,000	31	Series 2018-C, Class A2A	40.470	44
CIFC Funding			3.63%, 11/15/35 (1)	42,473	41
Series 2020-1A, Class A1R, CLO, FRN 3M USD LIBOR + 1.15%, 6.41%,			SMB Private Education Loan Trust Series 2021-A, Class B		
7/15/36 (1)	250,000	246	2.31%, 1/15/53 (1)	100,000	90
Driven Brands Funding	200,000	270	Verizon Master Trust		
Series 2020-2A, Class A2			Series 2023-1, Class C		
3.237%, 1/20/51 (1)	63,538	55	4.98%, 1/22/29	20,000	19
Exeter Automobile Receivables Trust			Total Asset-Backed Securities (Cost		
Series 2022-2A, Class C			\$2,253)		2,161
3.85%, 7/17/28	75,000	72	Ψ2,200)		
Exeter Automobile Receivables Trust			BOND MUTUAL FUNDS 13.6%		
Series 2022-3A, Class C			BOND MOTOAL FONDO 10.070		
5.30%, 9/15/27	50,000	49	T. Rowe Price Inflation Protected Bond		
Exeter Automobile Receivables Trust			Fund - I Class, 7.97% (2)(3)	519	6
Series 2023-1A, Class D			T. Rowe Price Institutional Emerging		
6.69%, 6/15/29	10,000	10	Markets Bond Fund, 6.47% (2)(3)	1,090,725	6,937
Ford Credit Auto Owner Trust			T. Rowe Price Institutional Floating Rate		
Series 2018-1, Class C	100.000	00	Fund - Institutional Class, 8.76% (2)(3)	40,784	380
3.49%, 7/15/31 (1)	100,000	96	T. Rowe Price Institutional High Yield Fund	- -	
Ford Credit Auto Owner Trust			Institutional Class, 8.16% (2)(3)	1,251,416	9,411
Series 2022-C, Class C	25,000	25	T. Rowe Price International Bond Fund - I		
5.22%, 3/15/30 Ford Credit Auto Owner Trust	25,000	25	Class, 4.42% (2)(3)	456,877	3,230
Series 2023-1, Class A			T. Rowe Price International Bond Fund		
4.85%, 8/15/35 (1)	100,000	98	(USD Hedged) - I Class, 4.35% (2)(3)	414,414	3,369
Hardee's Funding			T. Rowe Price Limited Duration Inflation		
Series 2018-1A, Class A2II			Focused Bond Fund - I Class, 7.84% (2)(3)	1,401	6
4.959%, 6/20/48 (1)	52,388	49	Total Bond Mutual Funds (Cost \$26,953)		23,339
HPEFS Equipment Trust					
Series 2022-1A, Class D			COMMON STOCKS 51.9%		
	100,000	93			
•			COMMUNICATION OFFINIOFO COM		
2.40%, 11/20/29 (1)			COMMUNICATION SERVICES 3.2%		
2.40%, 11/20/29 (1) HPS Loan Management			Diversified Telecommunication		
2.40%, 11/20/29 (1) HPS Loan Management Series 2021-16A, Class A1, CLO, FRN 3M USD LIBOR + 1.14%, 6.413%, 1/23/35 (1)					

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
Nippon Telegraph & Telephone (JPY)	285,000	337	Rover Group, Acquisition Date: 8/2/21,		
Verizon Communications	3,007	112	Cost \$— (4)(5)	823	_
		524	Service Corp International	1,147	74
Entertainment 0.2%			Strategic Education	447	30
Netflix (4)	641	282			257
Sea, ADR (4)	933		Hotels, Restaurants & Leisure 1.1%		
Walt Disney (4)	850	76	Amadeus IT Group (EUR) (4)	1,563	119
Trail Biology (1)			BJ's Restaurants (4)	1,045	33
Intercetive Media 9 Commisse O 00/		412	Booking Holdings (4)	193	521
Interactive Media & Services 2.2%			Cava Group, Acquisition Date: 6/23/20 -		
Alphabet, Class A (4)	2,117	254	3/26/21, Cost \$31 (4)(5)	3,267	134
Alphabet, Class C (4)	19,400	2,347	Chipotle Mexican Grill (4)	97	208
Meta Platforms, Class A (4)	3,435	986	Chuy's Holdings (4)	1,002	41
NAVER (KRW)	364	51	Compass Group (GBP)	7,715	216
Tencent Holdings (HKD)	1,000	42	DoorDash, Class A (4)	591	45
Vimeo (4)	4,881	20	Dutch Bros, Class A (4)	252	7
Z Holdings (JPY)	20,900	50	Fiesta Restaurant Group (4)	2,043	16
		3,750	Marriott Vacations Worldwide	147	18
Media 0.1%			McDonald's	1,347	402
CyberAgent (JPY)	8,900	65	Papa John's International	1,016	75
WPP (GBP)	14,719	154	Red Rock Resorts, Class A	529	25
		219	Wyndham Hotels & Resorts	447	31
Wireless Telecommunication		210			1,891
Services 0.4%			Household Durables 0.3%		
T-Mobile U.S. (4)	4,196	583	Installed Building Products	135	19
Vodafone Group, ADR	9,564	90	Panasonic Holdings (JPY)	11,100	136
Todalono diodp, 1211			Persimmon (GBP)	4,269	56
		673	Skyline Champion (4)	651	42
Total Communication Services CONSUMER DISCRETIONARY 5.3%		5,578	Sony Group (JPY)	2,300	208
Automobile Components 0.3%					461
Autoliv, SDR (SEK)	1.258	107	Specialty Retail 0.9%		
Denso (JPY)	2,200	148	AutoZone (4)	52	130
Dowlais Group (GBP) (4)	22,216	36	Bath & Body Works	700	26
Magna International	2,530	143	Best Buy	755	62
Stanley Electric (JPY)	2,700	55	Burlington Stores (4)	482	76
			Caleres	889	21
Automobiles 0.00/		489	Farfetch, Class A (4)	2,616	16
Automobiles 0.6%			Five Below (4)	161	32
General Motors	2,270	87	Floor & Decor Holdings, Class A (4)	122	13
Honda Motor (JPY)	1,600	48	Home Depot	225	70
Rivian Automotive, Class A (4)	2,270	38	Kingfisher (GBP)	52,239	154
Suzuki Motor (JPY)	2,500	91	Monro	989	40
Tesla (4)	2,180	571	O'Reilly Automotive (4)	199	190
Toyota Motor (JPY)	15,000	241	RH (4)	66	22
		1,076	Ross Stores	1,020	114
Broadline Retail 1.7%			Savers Value Village (4)	335	
Alibaba Group Holding, ADR (4)	354	30	TJX	1,806	153
Amazon.com (4)	20,036	2,612	Ulta Beauty (4)	673	317
Kohl's	649	15	Warby Parker, Class A (4)	2,264	26
Next (GBP)	1,356	119	Zalando (EUR) (4)	1,943	56
Ollie's Bargain Outlet Holdings (4)	1,440	83			1,526
		2,859	Textiles, Apparel & Luxury Goods 0.3%		
Diversified Consumer Services 0.1%			Dr. Martens (GBP)	13,255	21
Bright Horizons Family Solutions (4)	622	58	Kering (EUR)	211	117
Clear Secure, Class A	2,046	47	Lululemon Athletica (4)	244	92
Duolingo (4)	336	48	Moncler (EUR)	2,097	145

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
NIKE, Class B	658	73	ENERGY 1.9%		
Samsonite International (HKD) (4)	21,300	60	Energy Equipment & Services 0.2%		
Skechers USA, Class A (4)	766	40	0 , 1, 1	401	0.1
		548	Cactus, Class A Halliburton	491 900	21 30
Total Consumer Discretionary		9,107	Liberty Energy, Class A	2,498	33
CONSUMER STAPLES 3.6%			NexTier Oilfield Solutions (4)	4,158	37
			NOV	1,600	26
Beverages 0.6%			Schlumberger	5,110	251
Boston Beer, Class A (4)	191	59	Comunicorgo		398
Coca-Cola	5,189	313	Oil, Gas & Consumable Fuels 1.7%		
Coca-Cola Consolidated	43	27	·	0.070	0.50
Diageo (GBP)	4,683	201	Chevron	2,279	359
Heineken (EUR)	1,678	173	Devon Energy	760	37
Kirin Holdings (JPY)	4,100 891	60 165	Diamondback Energy EQT	491 8,980	64 369
PepsiCo	091		Equinor (NOK)	8,864	258
		998	Exxon Mobil	4,264	457
Consumer Staples Distribution & Retail 0.6%			Kimbell Royalty Partners	4,264	457 7
			Kinder Morgan	10,646	<u>'</u> 183
Dollar General	708	120	Magnolia Oil & Gas, Class A	3,385	71
Fresh Market, EC (4)(6)	590	_	Range Resources	6,470	
Seven & i Holdings (JPY)	4,400	190	Shell, ADR	2,675	161
Target	1,626	214	Southwestern Energy (4)	12,582	76
Walmart	2,571	404	TotalEnergies (EUR)	5,173	297
Welcia Holdings (JPY)	1,900	40	Venture Global LNG, Series B, Acquisition		
		968	Date: 3/8/18, Cost \$3 (4)(5)(6)	1	18
Food Products 1.3%			Venture Global LNG, Series C, Acquisition		
Barry Callebaut (CHF)	46	89	Date: 5/25/17 - 3/8/18, Cost \$18 (4)(5)(6)	5	90
General Mills	3,884	298	Williams	7,066	231
Hershey	867	216			2,868
Kraft Heinz	3,336	118	Total Energy		3,266
Mondelez International, Class A	7,973	582	FINANCIALS 8.8%		
Nestle (CHF)	5,236	630	Banks 2.9%		
Nomad Foods (4)	1,058	19		5.000	00
Post Holdings (4)	516	45	ANZ Group Holdings (AUD)	5,636	89
Simply Good Foods (4)	560	20	Bank of America BankUnited	21,282 973	611 21
TreeHouse Foods (4) Utz Brands	474	24	Blue Foundry Bancorp (4)	655	7
Wilmar International (SGD)	1,956	32 135	BNP Paribas (EUR)	2,152	
William international (SGD)	48,100		Cadence Bank	1,348	26
		2,208	Capitol Federal Financial	2,256	
Household Products 0.4%			Columbia Banking System	1,578	32
Colgate-Palmolive	1,786	138	CRB Group, Acquisition Date: 4/14/22,		
Procter & Gamble	3,898	591	Cost \$2 (4)(5)(6)	23	2
		729	CrossFirst Bankshares (4)	1,190	12
Personal Care Products 0.5%			DBS Group Holdings (SGD)	4,375	102
BellRing Brands (4)	2,103	77	Dime Community Bancshares	929	16
Kenvue (4)	6,511	172	DNB Bank (NOK)	12,171	228
L'Oreal (EUR)	449	210	Dogwood State Bank, Non-Voting Shares,		
Unilever (GBP)	7,089	369	Acquisition Date: 5/6/19, Cost \$3 (4)(5)(6)	307	6
		828	Dogwood State Bank, Voting Shares,		_
Tobacco 0.2%			Acquisition Date: 5/6/19, Cost \$1 (4)(5)(6)	151	
Philip Morris International	4,220	412	Dogwood State Bank, Warrants, 5/6/24,	46	
· · · · · · · · · · · · · · · · · · ·			Acquisition Date: 5/6/19, Cost \$— (4)(5)(6)	46	1
		412	East West Bancorp Eastern Bankshares	1,473 1,409	78 17
Total Consumer Staples		6,143	Equity Bancshares, Class A	1,409 621	1 <u>/</u> 14
			Erste Group Bank (EUR)	1,541	
			FB Financial		
			ו ים ו ווומווטומו	091	20

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
First Bancshares	917	24	ANT International, Class C, Acquisition		
Five Star Bancorp	621	14	Date: 6/7/18, Cost \$61 (4)(5)(6)	16,076	28
Grasshopper Bancorp, Acquisition Date:			Berkshire Hathaway, Class B (4)	1,856	633
10/12/18 - 5/2/19, Cost \$5 (4)(5)(6)	528	1	Block, Class A (4)	465	31
Grasshopper Bancorp, Warrants, 10/12/28	3,		Challenger (AUD)	8,977	39
Acquisition Date: 10/12/18, Cost \$- (4)(5)			Conyers Park III Acquisition (4)	1,070	11
(6)	104		Corebridge Financial	3,515	62
Heritage Commerce	2,477	21	Element Fleet Management (CAD)	12,152	185
Home BancShares	1,202	27	Essent Group	420	20
ING Groep (EUR)	18,857	254	Fidelity National Information Services	1,305	71
Intesa Sanpaolo (EUR)	22,218	58	Fiserv (4)	3,491	440
JPMorgan Chase	6,012	874	FleetCor Technologies (4)	326	82
Kearny Financial	1,315	9	Housing Development Finance (INR)	3,257	112
Live Oak Bancshares	1,060	28	Mastercard, Class A	1,333	524
Lloyds Banking Group (GBP)	188,471	104	Mitsubishi HC Capital (JPY)	10,200	61
Mitsubishi UFJ Financial Group (JPY)	21,900	161	PennyMac Financial Services	1,154	81
National Bank of Canada (CAD)	2,710	202	Toast, Class A (4)	1,502	34
Origin Bancorp	1,005	29	Visa, Class A	4,927	1,170
Pacific Premier Bancorp	925	19			3,711
Pinnacle Financial Partners	603	34	Insurance 2.7%		
PNC Financial Services Group	3,595	453			
Popular	340	21	AIA Group (HKD)	8,800	
SouthState	651	43	Allstate	2,522	275
Standard Chartered (GBP)	9,022	79	Assurant	471	59
Sumitomo Mitsui Trust Holdings (JPY)	1,935	69	AXA (EUR)	10,400	307
Svenska Handelsbanken, Class A (SEK)	15,004	126	Axis Capital Holdings	1,167	63
Texas Capital Bancshares (4)	446	23	Chubb	2,932	565
U.S. Bancorp	7,621	252	Definity Financial (CAD)	1,501	40
United Overseas Bank (SGD)	7,900	164	First American Financial	512	29
Veritex Holdings	941	17	Hanover Insurance Group	367	42
Wells Fargo	7,644	326	Hartford Financial Services Group	3,539	255
Western Alliance Bancorp	583	21	Kemper	546	26
			Marsh & McLennan	696	131
O		4,947	MetLife	8,762	495
Capital Markets 0.8%			Munich Re (EUR)	887	333
Bridgepoint Group (GBP)	19,176	49	PICC Property & Casualty, Class H (HKD)	72,000	80
Brookfield (CAD)	2,900	98	Ping An Insurance Group, Class H (HKD)	7,000	45
Cboe Global Markets	1,374	190	Progressive	4,172	552
Charles Schwab	1,055	60	Sampo, Class A (EUR)	3,691	166
Goldman Sachs Group	1,073	346	Selective Insurance Group	1,009	97
Julius Baer Group (CHF)	1,871	118	Storebrand (NOK)	14,124	110
Macquarie Group (AUD)	866	103	Sun Life Financial (CAD)	3,530	184
Morgan Stanley	1,091	93	Tokio Marine Holdings (JPY)	7,900	182
MSCI	59	28	Travelers	1,298	225
P10, Class A	1,936	22	Zurich Insurance Group (CHF)	441	210
S&P Global	263	105			4,560
StepStone Group, Class A	1,136	28	Total Changelale		
TMX Group (CAD)	1,330	30	Total Financials		14,805
XP, Class A (4)	2,236	52	HEALTH CARE 8.1%		
		1,322	Biotechnology 0.9%		
Consumer Finance 0.2%		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Abcam, ADR (4)	2,968	73
	1.050	000	Agios Pharmaceuticals (4)	415	12
American Express	1,259	220	Amgen	1,474	327
Encore Capital Group (4)	472	23	Apellis Pharmaceuticals (4)	965	88
PRA Group (4)	976	22	Argenx, ADR (4)	146	57
		265	Ascendis Pharma, ADR (4)	479	43
Financial Services 2.2%			Avid Bioservices (4)	1,759	25
Adyen (EUR) (4)	67	116	Blueprint Medicines (4)	656	<u>23</u> 41
		11	=	000	

Shares/Par	\$ Value		Shares/Par	\$ Value
		(Cost and value in \$000s)		
410	7	AmerisourceBergen	3,957	762
280	16	dentalcorp Holdings (CAD) (4)	1,237	
551	18	Elevance Health	2,253	1,001
997	5	Fresenius (EUR)	3,885	108
150	57	Guardant Health (4)	645	23
360		HCA Healthcare	713	216
852		Humana	589	263
704				23
2.072				276
				36
				43
				<u>-</u> 9
				 5
				150
				44
		UnitedHealth Group	2,252	1,083
				4,115
		Health Care Technology 0.1%		
	304	Certara (4)	1.103	20
422	5			
373	4			49
		veeva dystems, diass A (4)		
87	- .			
1,161	9	Life Sciences Tools & Services 0.9%		
465	23	10X Genomics, Class A (4)	465	26
651	229	Adaptive Biotechnologies (4)	492	3
517	10	Agilent Technologies	1,133	136
733	18	Bruker	898	67
483	14	Danaher	2,272	545
	1 625	Evotec (EUR) (4)	2.180	49
	1,025			17
				36
				14
				 718
	217	THOMAS TIGHTO COLORING		
10,172	79			1,611
1,296	28	Pharmaceuticals 2.6%		
713	134	Astellas Pharma (JPY)	14,200	211
2,369	192	AstraZeneca, ADR	8,056	576
292	52	Bayer (EUR)	3,264	181
982	336	Catalent (4)	695	30
5,571	121		1,601	751
228	38		3,049	109
1,020				478
2.089				528
				334
				222
3 864	2			95
				362
				382
				3
		Zoetis	653	112
				4,387
107	26	Total Health Care		13,905
	2,079			
	410 280 551 997 150 360 852 704 2,072 708 235 237 1,250 278 2,191 987 319 457 423 422 373 87 1,161 465 651 517 733 483 1,160 83 823 10,172 1,296 713 2,369 292 982 5,571 228	410 7 280 16 551 18 997 5 150 57 360 6 852 8 704 8 2,072 44 708 29 235 51 237 5 1,250 7 278 16 2,191 16 987 2 319 22 457 9 423 304 422 5 373 4 87 — 1,161 9 465 23 651 229 517 10 733 18 483 14 1,625 1,160 96 83 29 823 217 10,172 79 1,296 28 713 134 2,369 192 292 52 982 336 5,571 121 228 38 1,020 90 2,089 45 1,424 31 3,864 2 57 20 1,258 45 479 40 3,166 179 683 154 4411 125 107 26	(Cost and value in \$000s) 410 7 AmerisourceBergen 280 16 dentalcorp Holdings (CAD) (4) 551 18 Elevance Health 997 5 Fresenius (EUR) 150 57 Guardant Health (4) 150 57 Guardant Health (4) 150 66 HCA Healthcare 152 8 Humana 1704 8 ModivCare (4) 1708 29 NeoGenomics (4) 1709 10 NeoGenomics (10 NeoGenomics	(Cost and value in \$000s) 410 7 AmerisourceBergen 3,957 280 16 dentalcorp Holdings (CAD) (4) 1,237 551 18 Elevance Health 2,253 997 5 Fresenius (EUR) 3,885 150 57 Quardant Health (4) 645 360 6 HCA Healthcare 713 852 8 Humana 589 704 8 ModivCare (4) 517 2,072 44 Molina Healthcare (4) 917 708 29 NeoGenomics (4) 2,260 235 51 Option Care Health (4) 1,309 237 5 Pennant Group (4) 745 1,250 7 Privia Health Group (4) 745 1,250 7 Privia Health Group (4) 2,086 278 16 Quest Diagnostics 1,070 2,191 16 U.S. Physical Therapy 365 987 2 UnitedHealth Group 2,252 319 22 457 9 Health Care Technology 0,1% 423 304 Certara (4) 1,103 737 4 Cortara (4) 1,103 737 4 Doximity, Class A (4) 558 661 229 Adaptive Biotechnologies (1) 492 517 10 Aglient Technologies 1,133 733 18 Bruker 898 483 14 Danaher 2,272 1,625 Evote (EUR) (4) 905 83 29 Repligen (4) 905 1,160 96 Pacific Biosciences of California (4) 995 1,160 99 90 Johnson 2,288 1,100 99 Johnson 3,264 1,226 999 345 Merck 4,575 1,227 1,238 477 1,314 Astellas Pharma (JPY) 1,200 1,000 90 Johnson 3,264 1,256 45 Sanofi (EUR) 3,309 1,306 179 Ventys Biosciences (4) 195 1,256 10 1,373 1,384 10 1,373 1,384 10 1,373 1,384 11 1,250 1,376 1,377 1,377 1,377 1,374 1,374 1,376 1,377 1,377 1,374 1,374 1,376 1,377 1

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
INDUSTRIALS & BUSINESS			Siemens (EUR)	3,775	629
SERVICES 5.7% Aerospace & Defense 0.6%			Machinery 0.9%		1,448
•	0.40	47	•	407	•
Bombardier, Class B (CAD) (4) Cadre Holdings	343 516	17 11	ATS (4)	197	9.10
General Dynamics	1,110	239	Cummins	1,288	316
L3Harris Technologies	1,364	267	Deere Dover	120 263	49
Melrose Industries (GBP)	22,519				39
Northrop Grumman	155	145 71	Enerpac Tool Group EnPro Industries	1,731 221	47
Parsons (4)	1,047				
Safran (EUR)	1,047	158	Esab	378 391	25
TransDigm Group	55	49	ESCO Technologies		41
Transbigin Group			Federal Signal	1,093	70
		1,007	Graco	557 691	48
Building Products 0.3%			Helios Technologies		46
AZZ	1,100	48	Ingersoll Rand	1,797	117
Carrier Global	6,903	343	John Bean Technologies	414	50
CSW Industrials	262	43	KION Group (EUR) Marel (ISK)	1,849	
		434		2,004	
Commercial Services & Supplies 0.1%			Mueller Water Products, Class A	2,659	43
Casella Waste Systems, Class A (4)	331	30	RBC Bearings (4)	209	45
	72		SMC (JPY)	100	56
Cintas	6,239	36	SPX Technologies (4)	859	73
Rentokil Initial (GBP)	6,239	49	THK (JPY)	2,100	43
Stericycle (4) Tetra Tech	174	29	Toro	267	27
Tetra recir		28	Westinghouse Air Brake Technologies	3,286	360
		172			1,614
Construction & Engineering 0.1%			Passenger Airlines 0.0%		
WillScot Mobile Mini Holdings (4)	341	16	Allegiant Travel (4)	334	42
Worley (AUD)	11,690	124			42
		140	Professional Services 0.6%		
Electrical Equipment 1.1%			Booz Allen Hamilton Holding	2.141	239
ABB (CHF)	5,981	235	Broadridge Financial Solutions	1,037	172
AMETEK	2,633	426	Checkr, Acquisition Date: 6/29/18 -	1,007	112
Eaton	1,552	312	12/2/19, Cost \$4 (4)(5)(6)	594	3
Hubbell	1,051	349	Clarivate (4)	3,131	30
Legrand (EUR)	1,683	167	Huron Consulting Group (4)	166	14
Mitsubishi Electric (JPY)	13,900	197	Legalzoom.com (4)	943	<u>:</u> 7. 11
Prysmian (EUR)	4,576	191	Paycom Software	65	21
Thermon Group Holdings (4)	475	13	Paycor HCM (4)	1,345	32
Thomas Group Holdings (1)			Recruit Holdings (JPY)	3,700	118
O		1,890	SS&C Technologies Holdings	717	43
Ground Transportation 0.8%			TechnoPro Holdings (JPY)	4,000	87
Central Japan Railway (JPY)	700		Teleperformance (EUR)	499	
Convoy, Warrants, 03/15/33, Acquisition			Verisk Analytics	764	173
Date: 3/24/23, Cost \$— (4)(5)(6)	94	-	Vollocy mary too		
CSX	16,596	566	Tradical Communica & Distributors 0.40/		1,027
Landstar System	171	33	Trading Companies & Distributors 0.4%		_
Norfolk Southern	460	104	Air Lease	871	
Old Dominion Freight Line	857	317	Ashtead Group (GBP)	2,303	160
Saia (4)	201	69	Beacon Roofing Supply (4)	635	53
Union Pacific	1,101	225	Bunzl (GBP)	2,402	92
		1,402	Mitsubishi (JPY)	3,100	150
Industrial Conglomerates 0.8%			Rush Enterprises, Class A	563	34
DCC (GBP)	1,559	87	SiteOne Landscape Supply (4)	433	72
General Electric	4,260	468	Sumitomo (JPY)	6,700	142
Honeywell International	598	124			
Roper Technologies					

Cost and value in \$000ts Sometry, Class A (4)		Shares/Par	\$ Value		Shares/Par	\$ Value
Total Industrials & Business Services	(Cost and value in \$000s)			(Cost and value in \$000s)		
Total Industrials & Business Services	Xometry, Class A (4)	586	12	Onto Innovation (4)	511	60
Total Industrials & Business Services 9,927 Reineass Electronics (JPY) (4) 5,500 104 100 108 100 100 108 100 100 108 100 100 108 100 100 108 100						
Strain S						
NROMATION TECHNOLOGY 1.7% Symposis Solutions 1,593 176 Communications Equipment 0.1% 1,348 7 (TWD) 32,321 429 176			9,927			
Communications Equipment 0.1%	INFORMATION TECHNOLOGY 11.7%					
Infinition (4)	Communications Equipment 0.1%					
Tales Anticologies LM Ericsson, Class B (SEK) 23,581 128 Tales Anticuments 3,141 565 70 10 10 10 15 10 10 10 15 10 10 10 15 10 10 10 15 10 10 10 15 10 10 10 15 10 10 10 10 15 10 10 10 10 15 10 10 10 10 10 15 10 10 10 10 10 10 10 10 10 10 10 10 10	Infinera (4)	1.348	7	9	23.219	429
SEK 23,581 128 Taxas Instruments 3,141 585 586 58				· ` '		
Tokyo Electronic Equipment, Instruments & Components 0.8%	,	23.581	128			
Peterbonic Equipment, Instruments & Components 0.8%	(0=1.)					
Components 0.8% Software 3.9% CTS 1,89 51 Agbyesy (4) 471 32 CTS 1,189 51 Agbyesy (4) 471 32 Lamamatsu Protonics (JPY) 2,100 103 Amplitude, Class A (4) 421 69 Litterliuse 195 57 Autodesk (4) 685 140 Mirota Manufacturing (JPY) 2,200 126 Braze, Class A (4) 254 111 Murata Manufacturing (JPY) 2,200 126 Braze, Class A (4) 254 111 Novaria (4) 229 42 Cance, Class A (4) 254 11 Novaria (4) 229 42 Cance, Class A (4) 530 124 Novaria (4) 229 42 Cance, Class A (4) 530 124 PAR Technology (4) 1,648 54 Confluent, Class A (4) 30 22 28 Telestyne Technologies (4) 175 72 Datados, Class A (4) 38 34 24 Vontier	Electronic Environment Instruments 0		135	Tokyo Licotron (or 1)		
CTS Hamamats Photonics (JPY) Largan Precision (TWD) 1.000 68 Largan Precision (TWD) 1.000 68 Largan Precision (TWD) 1.000 68 Atlassian, Class A (4) 412 69 Littlefuse 195 57 Autodesk (4) 685 140 Minor Technologies (4) 685 Murata Manufacturing (JPY) 2.200 126 Braze, Class A (4) 229 42 Carva, Acquisition Date: 4/16/21 Ormono (JPY) 1.200 74 12/17(21, Cost \$24) (4)5(6) 2.00 147 PAR Technology (4) 1.648 54 Techyne Technologies (4) 1.648 54 Techyne Technologies (4) 1.648 54 Techyne Technologies (4) 1.659 1.269 40 Descartes Systems (4) 2.29 42 Carva, Acquisition Date: 4/16/21 Ormono (JPY) 1.200 74 12/17(21, Cost \$24) (4)5(6) 2.00 14 PAR Techynology (4) 1.648 54 Techyne Technologies (4) 1.659 1.6				Software 3.9%		7,554
CTS Hamamats Photonics (JPY) Largan Precision (TWD) 1.000 68 Largan Precision (TWD) 1.000 68 Largan Precision (TWD) 1.000 68 Atlassian, Class A (4) 412 69 Littlefuse 195 57 Autodesk (4) 685 140 Minor Technologies (4) 685 Murata Manufacturing (JPY) 2.200 126 Braze, Class A (4) 229 42 Carva, Acquisition Date: 4/16/21 Ormono (JPY) 1.200 74 12/17(21, Cost \$24) (4)5(6) 2.00 147 PAR Technology (4) 1.648 54 Techyne Technologies (4) 1.648 54 Techyne Technologies (4) 1.648 54 Techyne Technologies (4) 1.659 1.269 40 Descartes Systems (4) 2.29 42 Carva, Acquisition Date: 4/16/21 Ormono (JPY) 1.200 74 12/17(21, Cost \$24) (4)5(6) 2.00 14 PAR Techynology (4) 1.648 54 Techyne Technologies (4) 1.659 1.6	Amphenol, Class A	3,040	258	Adobe (4)	107	52
Hamanatsu Pictonicis (JPY)	CTS	1,189	51		471	
Largan Precision (TWD)	Hamamatsu Photonics (JPY)	2,100	103			
Littelfuse 195 57 Autodesk (4) 685 140 Mirrion Technologies (4) 4827 41 BILL Holdings (4) 577 688 Murata Manufacturing (JPY) 2,200 126 BILL Holdings (4) 577 688 Murata Manufacturing (JPY) 2,200 126 BILL Holdings (4) 550 577 688 Murata Manufacturing (JPY) 2,200 126 BILL Holdings (4) 550 124 Napoca Security Technologies 628 22 Cadence Design Systems (4) 550 124 Napoca Security Technologies (628 22 Cadence Design Systems (4) 550 124 Napoca Security Technologies (628 22 Cadence Design Systems (4) 550 124 Napoca Security Technology (4) 1,200 74 12/17/21, Cost \$34 (4)5(6)6 20 14 12/17/21, Cost \$34 (4)5(6) 20 14/21, Cost \$34 (4)5(6) 20 14/2	Largan Precision (TWD)	1,000	68			
Mirrion Technologies (4)		195	57			
Murata Manufacturing (JPY)						
Napos Security Technologies 6.28 b. 2.29 b. Cadence Design Systems (4) 530 124 Nomanta (4) 2.29 b. 42 b. Carwa, Acquisition Date: 8/16/21- 300 14 PAR Technology (4) 1.548 54 b. Confluent, Class A (4) 829 29 TE Connectivity 2.645 s. 371 Crowdstrike Holdings, Class A (4) 380 37 Telectyne Technologies (4) 175 72 Datadog, Class A (4) 380 37 Vontier 1.250 40 Descartes Systems Group (4) 848 68 Accenture, Class A 925 285 Frivel (4) 398 24 Accenture, Class A 925 285 Frivel (4) 296 22 MngoDB (4) 308 126 Frivel (4) 296 22 NTT Data Group (JPY) 11,700 164 Cost \$10 (4)(5)(6) 364 7 ServiceThan, Acquisition Date: 11/9/18- 26 2 Intuit 52 239 Monpify, Class A (4) 251 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Novanta (4) 229 42						
Omnon (JPY)						124
PART Technology (4)				• • •	20	1/
TE Connectivity						
Teledyne Technologies (4)						
Vonitier 1,250 40 Descartes Systems Group (4) 848 68 1,379 Double/verify Holdings (4) 2,138 83 IT Services 0.4% Freesthet (4) 398 24 Accenture, Class A 925 285 Five9 (4) 766 65 MongoDB (3) 308 126 Fortinet (4) 296 22 NTT Data Group (JPY) 11,700 164 Gusto, Acquisition Date: 10/4/21, 364 7 ServiceTitan, Acquisition Date: 11/9/18-5/4/21, Cost \$1 (4)(5)(6) 26 2 Intit (1) (4)(5)(6) 364 7 Shopify, Class A (4) 1,855 120 Manhattan Associates (4) 219 44 Shopify, Class A (4) 231 41 Microsoft 1,333 4,542 Showllake, Class A (4) 231 41 Microsoft 1,750 239 Herris Solutions, Acquisition Date: 24 Socure, Acquisition Date: 12/22/21, 789 444 Semiconductors & Semiconductor 56 110 Agricular Associates (4) 50						
1,379						
Envestnet (4) 398 24 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Fortinet (4) 296 22 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 285 Five 6 (4) 786 65 Accenture, Class A 925 786 786 786 786 Accenture, Class A 925 786 786 786 786 Accenture, Class A 925 786 786 786 786 786 Accenture, Class A 925 786 786 786 786 786 786 Accenture, Class A 925 786 7	vontier	1,250	40			
Accenture, Class A 925 285 Five 9 (4) 786 65			1,379			
Accentifier Claise A 925 265 Fortinet (4) 296 22 22 23 24 25 24 25 25 24 25 25	IT Services 0.4%					
MongoDB (4) 308 126 Fortinet (4) 296 22 NTT Data Group (JPY) 11,700 164 Gusto, Acquisition Date: 10/4/21, ServiceTitan, Acquisition Date: 11/9/18 54/21, Cost \$1 (4)(5)(6) 26 2 Intuit 552 239 Shopfiy, Class A (4) 1,855 120 Manutant Associates (4) 219 44 Snowflake, Class A (4) 231 41 Microsoft 13,336 4,542 Snowflake, Class A (4) 110 2 ServiceNow (4) 789 444 Yameria Solutions, Acquisition Date: 12/22/21, Cost \$2 (4)(5)(6) 110 2 ServiceNow (4) 789 444 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductors & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Semiconductor 270 Cost \$2 (4)(5)(6) 117 1 Semiconductor & Se	Accenture, Class A	925	285			
NTT Data Group (JPY)		308			296	22
ServiceTitan, Acquisition Date: 11/9/18- 1/15/16 26 2 239 24 24 24 24 24 24 24 2		11.700	164			_
5/4/21, Cost \$1 (4)(5)(6) 26 2 Infulit Associates (4) 219 44 Shopfly, Class A (4) 1,855 120 Manhattan Associates (4) 219 4,44 Shopfly, Class A (4) 13,336 4,542 3,6452 3,6652 3,6652 3,6693 3,6452 3,6693						
Shopify, Class A (4)		26	2			
Snowflake, Class A (4) 231 41 Microsoft 13,336 4,542		1.855				44
SAP (EUR) 1,750 239 239 244 241 24					13,336	4,542
A/14/21, Cost \$2 (4)(5)(6)				SAP (EUR)	1,750	239
Semiconductors & Semiconductor Semiconductor & Semiconductor & Semiconductor & Semiconductor & Semiconductor & Semiconductor & Synopsys (4) Synopsys (4) 520 227		110	2	ServiceNow (4)	789	444
Semiconductors & Semiconductor Equipment 4.4%						
Equipment 4.4% Sylicips (4) 568 58 568 58 568 58 568 58 5	Comissandustous & Comissandustou				117	
Advanced Micro Devices (4) 1,534 175 Analog Devices 564 110 Applied Materials 3,344 483 ASML Holding (EUR) 553 401 ASML Holding (EUR) 370 268 Broadcom 906 786 Credo Technology Group Holding (4) 1,459 25 Entegris 672 74 Lam Research 581 282 Lam Research 525 338 Lattice Semiconductor (4) 863 83 MACOM Technology Solutions Holdings (4) 605 40 MACOM Technology Solutions Holdings (4) 605 40 Marvell Technology 966 58 Moron Technology 7,050 445 Monolithic Power Systems 1,624 332 NXP Semiconductors 1,624 Agyle 17,248 3,345 Peripherals 2.1% Apple 17,248 3,345 Apple 17,248 3,345 Apple 17,248 3,345 Apple 17,248 3,345 Chemicals 0.9% Alr Liquide (EUR) 1,036 186 Akzo Nobel (EUR) 1,036 186 Akzo Nobel (EUR) 1,500 123 Asahi Kasei (JPY) 10,600 72 BASF (EUR) 2,105 102 Covestro (EUR) (4) 2,211 115 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332				Synopsys (4)	520	227
Analog Devices 564 110 Technology Hardware, Storage & Peripherals 2.1% Applied Materials 3,344 483 Applied Materials 3,344 483 Applied Materials Applie 17,248 3,345 Applie 17,248 A				Workiva (4)	568	58
Analog Devices 564 110 Technology Hardware, Storage & Peripherals 2.1% Applied Materials 3,344 483 Peripherals 2.1% ASML Holding (EUR) 370 268 Samsung Electronics (KRW) 17,248 3,345 ASML Holding 370 268 Samsung Electronics (KRW) 4,663 257 Credo Technology Group Holding (4) 1,459 25 3,602 Entegris 672 74 Total Information Technology 20,103 KLA 581 282 MATERIALS 1.5% Chemicals 0.9% Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Marvell Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Micron Technology 7,050 445 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors <td< td=""><td>Advanced Micro Devices (4)</td><td></td><td></td><td></td><td></td><td>6,693</td></td<>	Advanced Micro Devices (4)					6,693
Applied Materials 3,344 483 Peripherals 2.1% ASML Holding (EUR) 553 401 Apple 17,248 3,345 ASML Holding 370 268 Samsung Electronics (KRW) 4,663 257 Broadcom 906 786 Samsung Electronics (KRW) 4,663 257 Credo Technology Group Holding (4) 1,459 25 Total Information Technology 20,103 KLA 581 282 MATERIALS 1.5% Chemicals 0.9% Air Liquide (EUR) 1,036 186 Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Micron Technology 7,050 445 BASF (EUR) 2,105 102 Monolithic Power Systems 214 116 Covestro (EUR) (4) 2,211 115 NVIDIA 4,429 1,874 Element Solutions 4,622 89	Analog Devices			Technology Hardware, Storage &		
ASML Holding 370 268 Apple 17,248 3,345 Broadcom 906 786 Samsung Electronics (KRW) 4,663 257 Credo Technology Group Holding (4) 1,459 25 3,602 Entegris 672 74 Total Information Technology 20,103 KLA 581 282 MATERIALS 1.5% Chemicals 0.9% Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Micron Technology 7,050 445 BASF (EUR) 2,105 102 Monolithic Power Systems 214 116 Covestro (EUR) (4) 2,211 115 NVIDIA 4,429 1,874 Element Solutions 4,622 89	Applied Materials	3,344		Peripherals 2.1%		
ASML Holding 370 268 Samsung Electronics (KRW) 4,663 257 Broadcom 906 786 Samsung Electronics (KRW) 4,663 257 Credo Technology Group Holding (4) 1,459 25 33602 3,602 20,103 KLA 581 282 MATERIALS 1.5% 40	ASML Holding (EUR)	553	401	Annia	17 2/18	3 3/15
Broaccom 906 786 Credo Technology Group Holding (4) 1,459 25 Entegris 672 74 Total Information Technology 20,103 KLA 581 282 MATERIALS 1.5% Chemicals 0.9% Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Marvell Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 Covestro (EUR) (4) 2,105 102 NVIDIA 4,429 1,874 Element Solutions 4,622 89	ASML Holding	370	268			
Entegris 672 74 Total Information Technology 20,103 KLA 581 282 MATERIALS 1.5% Lam Research 525 338 Lattice Semiconductor (4) 863 83 MACOM Technology Solutions Holdings (4) 605 40 Marvell Technology 966 58 Micron Technology 7,050 445 Monolithic Power Systems 214 116 NVIDIA 4,429 1,874 NXP Semiconductors 1,624 332 MATERIALS 1.5% Chemicals 0.9% Air Liquide (EUR) 1,036 186 Akzo Nobel (EUR) 1,500 123 Asahi Kasei (JPY) 10,600 72 BASF (EUR) 2,105 102 Covestro (EUR) (4) 2,211 115 Element Solutions 4,622 89	Broadcom	906	786	Samsung Liectronics (KIW)	4,003	
KLA 581 282 MATERIALS 1.5% Lam Research 525 338 Chemicals 0.9% Lattice Semiconductor (4) 863 83 MACOM Technology Solutions Holdings (4) 605 40 Marvell Technology 966 58 Micron Technology 7,050 445 Monolithic Power Systems 214 116 NVIDIA 4,429 1,874 NXP Semiconductors 1,624 332 MATERIALS 1.5% Chemicals 0.9% Air Liquide (EUR) Akzo Nobel (EUR) Akzo Nobel (EUR) Akzo Nobel (EUR) BASF (EUR) Covestro (EUR) (4) 2,105 102 Covestro (EUR) (4) 2,211 115 Element Solutions 4,622 89	Credo Technology Group Holding (4)	1,459	25			3,602
Lam Research 525 338 Chemicals 0.9% Lattice Semiconductor (4) 863 83 MACOM Technology Solutions Holdings (4) 605 40 Marvell Technology 966 58 Micron Technology 7,050 445 Monolithic Power Systems 214 116 NVIDIA 4,429 1,874 NXP Semiconductors 1,624 332 Chemicals 0.9% Air Liquide (EUR) Akzo Nobel (EUR) Akzo Nobel (EUR) BASF (EUR) Covestro (EUR) (4) 2,105 2,211 115 Element Solutions 4,622 89	Entegris	672	74	Total Information Technology		20,103
Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Marvell Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89	KLA	581	282	MATERIALS 1.5%		
Lattice Semiconductor (4) 863 83 Air Liquide (EUR) 1,036 186 MACOM Technology Solutions Holdings (4) 605 40 Akzo Nobel (EUR) 1,500 123 Marvell Technology 966 58 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89	Lam Research	525	338	Chemicals 0.9%		
MACOM Technology Solutions Holdings (4) 605 40 Air Liquide (EUR) 1,036 186 Marvell Technology 966 58 Akzo Nobel (EUR) 1,500 123 Micron Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89	Lattice Semiconductor (4)	863	83		1 000	100
Marvell Technology 966 58 Akzo Nobel (EUR) 1,500 123 Micron Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89) 605				
Micron Technology 7,050 445 Asahi Kasei (JPY) 10,600 72 Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89						
Monolithic Power Systems 214 116 BASF (EUR) 2,105 102 NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89						
NVIDIA 4,429 1,874 Covestro (EUR) (4) 2,211 115 NXP Semiconductors 1,624 332 Element Solutions 4,622 89						
NXP Semiconductors 1.624 332 Element Solutions 4,622 89						
HB Fuller 293 21						
				HB Fuller	293	21

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)	<u> </u>		(Cost and value in \$000s)	<u> </u>	
Johnson Matthey (GBP) Linde	3,979		Residential Real Estate Investment Trusts 0.1%		
Nutrien	3,071	181	Equity LifeStyle Properties, REIT	1,434	96
Quaker Chemical	262	51	Flagship Communities REIT	659	
Sherwin-Williams	337	90		2,093	<u>11</u> 38
Tosoh (JPY)	1,000	12	Independence Realty Trust, REIT	2,093	
Umicore (EUR)	3,197				145
Officore (LOT)			Retail Real Estate Investment		
		1,488	Trusts 0.1%		
Containers & Packaging 0.0%			Scentre Group (AUD)	58,954	104
Amcor, CDI (AUD)	3,916	39			104
		39	Specialized Real Estate Investment		
Metals & Mining 0.5%			Trusts 0.3%		
•	6 440	100		1 000	5 7
Antofagasta (GBP)	6,440	120	CubeSmart, REIT	1,283	57
BHP Group (AUD)	1,770	53	Life Storage, REIT	467	62
BHP Group (GBP)	4,806	143	Public Storage, REIT	1,116	326
Compass Minerals International	261	9	Weyerhaeuser, REIT	3,113	104
Constellium (4)	3,252	56			549
ERO Copper (CAD) (4)	907	18	Total Real Estate		1,459
Freeport-McMoRan	2,400	96	UTILITIES 1.2%		1,400
Haynes International	661	34			
IGO (AUD)	26,217	268	Electric Utilities 0.7%		
Rio Tinto (AUD)	579	44	Constellation Energy	4,184	383
South32 (AUD)	32,920	83	Entergy	457	45
		924	Evergy	1,137	66
Paper & Forest Products 0.1%			FirstEnergy	1,239	48
•			IDACORP	525	54
Stora Enso, Class R (EUR)	8,762	102	MGE Energy	275	22
West Fraser Timber (CAD)	232	20	NextEra Energy	2,299	<u>22</u> . 171
		122	Southern	4,985	350
Total Materials		2,573	Journal	4,303	
REAL ESTATE 0.9%		2,570	0 14884 0 40/		1,139
			Gas Utilities 0.1%		
Health Care Real Estate Investment			Beijing Enterprises Holdings (HKD)	10,500	38
Trusts 0.0%			Chesapeake Utilities	452	54
Community Healthcare Trust, REIT	467	15	ONE Gas	271	21
		15	Southwest Gas Holdings	885	56
Industrial Real Estate Investment					169
Trusts 0.2%			Independent Power & Renewable		
EastGroup Properties, REIT	529	92	Electricity Producers 0.1%		
	901	110	<u>-</u>	4 000	60
Prologis, REIT	1,000	52	Electric Power Development (JPY)	4,200	62
Rexford Industrial Realty, REIT			NextEra Energy Partners	617	36
Terreno Realty, REIT	411	25			98
		279	Multi-Utilities 0.3%		
Office Real Estate Investment			Ameren	455	37
Trusts 0.0%			DTE Energy	216	24
Great Portland Estates (GBP)	9,297	49	Engie (EUR)	15,100	252
		49	National Grid (GBP)	10,727	142
Real Estate Management &			radional dila (dBi)		
Development 0.2%			M-1 India		455
•	007	•	Water Utilities 0.0%		
Altus Group (CAD) (7)	227	8	California Water Service Group	490	25
DigitalBridge Group	1,063	16			25
FirstService	718	111	Total Litilities		
Mitsui Fudosan (JPY)	7,700	153	Total Utilities		1,886
Tricon Residential	3,441	30	Total Miscellaneous Common		_
		318	Stocks 0.0% (8)		63
			Total Common Stocks (Cost \$54,616)		88,815

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)	<u> </u>		(Cost and value in \$000s)	<u> </u>	
CONVERTIBLE BONDS 0.0%			INDUSTRIALS & BUSINESS SERVICES 0.0%		
Convoy, 15.00%, 9/30/26, Acquisition Date:			Aerospace & Defense 0.0%		
3/24/23, Cost \$1 (4)(5)(6)	653		ABL Space Systems, Series B, Acquisition		
Total Convertible Bonds (Cost \$1)		<u>1</u> .	Date: 3/24/21, Cost \$6 (4)(5)(6) Epirus, Series C-2, Acquisition Date:	126	4
CONVERTIBLE PREFERRED STOCKS	0.2%		1/28/22, Cost \$11 (4)(5)(6)	1,914	10
CONSUMER DISCRETIONARY 0.0%			Air Freight & Logistics 0.0%		14
Specialty Retail 0.0%			FLEXE, Series C, Acquisition Date:		
1661, Series F, Acquisition Date: 5/28/21, Cost \$10 (4)(5)(6)	1,674	3	11/18/20, Cost \$5 (4)(5)(6) FLEXE, Series D, Acquisition Date: 4/7/22,	445	8
Total Consumer Discretionary		3	Cost \$3 (4)(5)(6)	138	3
CONSUMER STAPLES 0.0%					11
Food Products 0.0%			Electrical Equipment 0.0%		
Farmers Business Network, Series D,			CELLINK, Series D, Acquisition Date:	050	
Acquisition Date: 11/3/17, Cost \$14 (4)(5) (6)	733	37	1/20/22, Cost \$5 (4)(5)(6)	252	3
Total Consumer Staples		37	Ground Transportation 0.0%		3
FINANCIALS 0.0%			Convoy, Series C, Acquisition Date:		
Banks 0.0%			9/14/18, Cost \$9 (4)(5)(6)	1,241	6
CRB Group, Series D, Acquisition Date:			Convoy, Series D, Acquisition Date:		
1/28/22, Cost \$9 (4)(5)(6)	81	6	10/30/19, Cost \$10 (4)(5)(6)	764	4
Total Financials		6	D () 10) 000		10
HEALTH CARE 0.1%			Professional Services 0.0%		
Biotechnology 0.0%			Checkr, Series C, Acquisition Date: 4/10/18, Cost \$4 (4)(5)(6)	900	5
Caris Life Sciences, Series C, Acquisition	4.750	•	Checkr, Series D, Acquisition Date: 9/6/19,		- -
Date: 8/14/20, Cost \$5 (4)(5)(6) Caris Life Sciences, Series D, Acquisition	1,752		Cost \$12 (4)(5)(6)	1,200	6
Date: 5/11/21, Cost \$7 (4)(5)(6)	895	5			11
		14	Total Industrials & Business Services		49
Health Care Equipment & Supplies 0.0%			INFORMATION TECHNOLOGY 0.1%		
Kardium, Series D-6, Acquisition Date:			IT Services 0.0%		
1/8/21, Cost \$5 (4)(5)(6)	5,305		Haul Hub, Series B, Acquisition Date:		
		5	2/14/20 - 3/3/21, Cost \$4 (4)(5)(6) Haul Hub, Series C, Acquisition Date:	303	
Health Care Providers & Services 0.0%			4/14/22, Cost \$2 (4)(5)(6)	90	1
Honor Technology, Series D, Acquisition	4 107	E	ServiceTitan, Series D, Acquisition Date:		
Date: 10/16/20, Cost \$10 (4)(5)(6)	4,107	5	11/9/18, Cost \$5 (4)(5)(6)	184	13
Life Sciences Tools & Services 0.1%		5	ServiceTitan, Series F, Acquisition Date: 3/25/21, Cost \$1 (4)(5)(6)	10	1
Cleerly, Series C, Acquisition Date: 7/8/22,			Themis Solutions, Series AA, Acquisition		1
Cost \$5 (4)(5)(6)	413	5	Date: 4/14/21, Cost \$1 (4)(5)(6)	30	1
Inscripta, Series E, Acquisition Date:			Themis Solutions, Series AB, Acquisition		
3/30/21, Cost \$6 (4)(5)(6)	636	2	Date: 4/14/21, Cost \$— (4)(5)(6)	10	- -
National Resilience, Series B, Acquisition Date: 10/23/20, Cost \$7 (4)(5)(6)	524	32	Themis Solutions, Series B, Acquisition Date: 4/14/21, Cost \$— (4)(5)(6)	10	_
National Resilience, Series C, Acquisition			Themis Solutions, Series E, Acquisition		
Date: 6/9/21, Cost \$11 (4)(5)(6)	237	14	Date: 4/14/21, Cost \$7 (4)(5)(6)	320	6
		53			26
Total Health Care		77	Software 0.1%		
			Databricks, Series G, Acquisition Date:	100	4.4
			2/1/21, Cost \$11 (4)(5)(6) Databricks, Series H, Acquisition Date:	192	
			8/31/21, Cost \$30 (4)(5)(6)	411	30

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value in \$000s)		
Gusto, Series E, Acquisition Date: 7/13/21,			Baltimore Gas & Electric, 5.40%, 6/1/53	20,000	20
Cost \$15 (4)(5)(6)	504	9	Bank of America, 3.248%, 10/21/27	70,000	65
Nuro, Series C, Acquisition Date: 10/30/20			Bank of America, VR, 1.898%, 7/23/31 (9)	210,000	167
3/2/21, Cost \$12 (4)(5)(6)	921	6	Bank of America, VR, 1.922%, 10/24/31 (9)	40,000	32
Nuro, Series D, Acquisition Date: 10/29/21,			Bank of America, VR, 2.496%, 2/13/31 (9)	105,000	88
Cost \$5 (4)(5)(6)	242		Bank of America, VR, 2.592%, 4/29/31 (9)	50,000	42
SecurityScorecard, Series E, Acquisition		_	Bank of America, VR, 3.419%, 12/20/28 (9)	80,000	73
Date: 3/5/21, Cost \$5 (4)(5)(6)	1,032	5	Bank of America, VR, 4.271%, 7/23/29 (9)	65,000	62
Seismic Software, Series E, Acquisition	4 445	10	Barclays, VR, 5.501%, 8/9/28 (9)	200,000	194
Date: 12/13/18, Cost \$7 (4)(5)(6)	1,115	10	BAT International Finance, 1.668%, 3/25/26	2,000	
Seismic Software, Series F, Acquisition	95	1	Becton Dickinson & Company, 2.823%,		
Date: 9/25/20, Cost \$1 (4)(5)(6)	85		5/20/30	25,000	22
Socure, Series A, Acquisition Date: 12/22/21, Cost \$2 (4)(5)(6)	142	1	Becton Dickinson & Company, 3.70%,		
Socure, Series A-1, Acquisition Date:	142		6/6/27	33,000	3.
12/22/21, Cost \$2 (4)(5)(6)	117	1	Berkshire Hathaway Finance, 2.50%,		
Socure, Series B, Acquisition Date:			1/15/51	60,000	
12/22/21, Cost \$— (4)(5)(6)	2	_	Berkshire Hathaway Finance, 2.85%,	05.000	
Socure, Series E, Acquisition Date:	-		10/15/50	25,000	
10/27/21, Cost \$4 (4)(5)(6)	270	2	Berkshire Hathaway Finance, 3.85%,	00.000	,
,,,			3/15/52	20,000	17
		80	Boardwalk Pipelines, 3.40%, 2/15/31	28,000	24
Total Information Technology		106	Boardwalk Pipelines, 4.45%, 7/15/27	2,000	
MATERIALS 0.0%			Boardwalk Pipelines, 5.95%, 6/1/26	10,000	10
Chemicals 0.0%			Boston Properties, 2.90%, 3/15/30	60,000	48
Redwood Materials, Series C, Acquisition			Brixmor Operating Partnership, 3.90%,	05.000	0.0
Date: 5/28/21, Cost \$6 (4)(5)(6)	135	6	3/15/27	35,000	
Sila Nano, Series F, Acquisition Date:			Brixmor Operating Partnership, 4.05%,	05.000	0/
1/7/21, Cost \$9 (4)(5)(6)	228	5	7/1/30	35,000	
		11	Brixmor Operating Partnership, 4.125%,	33,000	20
Metals & Mining 0.0%			5/15/29	50,000	29
•			Capital One Financial, 3.65%, 5/11/27 Capital One Financial, 3.75%, 3/9/27	50,000	46
Kobold Metals, Series B-1, Acquisition Date		0	Capital One Financial, VR, 2.359%,	50,000	46
1/10/22, Cost \$6 (4)(5)(6)	201	9	7/29/32 (9)	55,000	39
		9	Capital One Financial, VR, 3.273%,		
Total Materials		20	3/1/30 (9)	25.000	2
Total Convertible Preferred Stocks (Cost			Capital One Financial, VR, 5.247%,		
\$290)		298	7/26/30 (9)	15,000	14
,,			Capital One Financial, VR, 5.468%,		
CORPORATE BONDS 4.3%			2/1/29 (9)	75,000	72
			Carvana, 10.25%, 5/1/30 (1)	55,000	42
AbbVie, 3.20%, 11/21/29	55,000	50	CBRE Services, 5.95%, 8/15/34	40,000	39
AbbVie, 4.05%, 11/21/39	25,000	22	Celanese U.S. Holdings, 6.05%, 3/15/25	40,000	40
AbbVie, 4.70%, 5/14/45	55,000	50	Celanese U.S. Holdings, 6.165%, 7/15/27	10,000	10
AbbVie, 4.875%, 11/14/48	88,000	83	Centene, 2.625%, 8/1/31	110,000	88
AerCap Ireland Capital, 4.875%, 1/16/24	175,000	174	Charter Communications Operating, 2.25%.		
Alexandria Real Estate Equities, 3.375%,			1/15/29	25,000	2
3/15/31	45,000	39	Charter Communications Operating,		
Alexandria Real Estate Equities, 4.70%,			5.125%, 7/1/49	15,000	12
7/1/30	15,000	14	Charter Communications Operating,		
Ally Financial, 4.75%, 6/9/27	55,000	51	6.484%, 10/23/45	12,000	11
Amgen, 4.875%, 3/1/53	15,000	14	Cheniere Corpus Christi Holdings, 5.125%,		
Anheuser-Busch InBev Worldwide, 4.50%,			6/30/27	15,000	15
6/1/50	29,000	27	Citigroup, VR, 3.106%, 4/8/26 (9)	22,000	21
Anheuser-Busch InBev Worldwide, 5.55%,			Citigroup, VR, 5.61%, 9/29/26 (9)	55,000	55
1/23/49	65,000	68	Citigroup, VR, 6.174%, 5/25/34 (9)	20,000	20
Aon, 2.80%, 5/15/30	15,000	13	Citigroup, Series VAR, VR, 3.07%,		
Arrow Electronics, 4.00%, 4/1/25	50,000	48	2/24/28 (9)	50,000	46
AT&T, 3.50%, 9/15/53	105,000	74	CNO Financial Group, 5.25%, 5/30/25	15,000	15

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)		-	(Cost and value in \$000s)		
Comcast, 3.90%, 3/1/38	60,000	52	Kilroy Realty, 4.375%, 10/1/25	13,000	12
Corebridge Financial, 3.90%, 4/5/32	15,000	13	Las Vegas Sands, 3.50%, 8/18/26	25,000	23
Crown Castle, 2.25%, 1/15/31	95,000	77	Lowe's, 4.25%, 4/1/52	25,000	20
Crown Castle Towers, 3.663%, 5/15/25 (1)	85,000	80	Lowe's, 5.625%, 4/15/53	15,000	15
CSL Finance, 4.05%, 4/27/29 (1)	25,000	23	Lowe's, 5.75%, 7/1/53	15,000	15
CVS Health, 3.25%, 8/15/29	10,000	9	LSEGA Financing, 2.50%, 4/6/31 (1)	200,000	167
CVS Health, 5.05%, 3/25/48	84,000	77	Marriott International, 4.90%, 4/15/29	10,000	10
CVS Health, 5.625%, 2/21/53	45,000	45	Marriott International, 5.00%, 10/15/27	30,000	30
CVS Health, 5.875%, 6/1/53	25,000	26	Marsh & McLennan, 2.25%, 11/15/30	15,000	12
Duke Energy, 5.00%, 8/15/52	70,000	64	Merck, 5.00%, 5/17/53	25,000	25
Duke Energy Indiana, 5.40%, 4/1/53	15,000	15	Meta Platforms, 5.60%, 5/15/53	65,000	67
Ecolab, 4.80%, 3/24/30	5,000	5	Micron Technology, 5.327%, 2/6/29	22,000	22
Edison International, 4.95%, 4/15/25	5,000	5	Micron Technology, 5.875%, 9/15/33	30,000	30
Elevance Health, 5.125%, 2/15/53	20,000	19	Micron Technology, 6.75%, 11/1/29	20,000	21
Energy Transfer, 2.90%, 5/15/25	60,000	57	Morgan Stanley, VR, 1.593%, 5/4/27 (9)	20,000	18
Enterprise Products Operating, 3.20%,			Morgan Stanley, VR, 3.217%, 4/22/42 (9)	15,000	11
2/15/52	30,000	21	Morgan Stanley, VR, 4.431%, 1/23/30 (9)	25,000	24
Equifax, 5.10%, 12/15/27	30,000	29	Morgan Stanley, VR, 5.123%, 2/1/29 (9)	95,000	94
Equitable Holdings, 4.35%, 4/20/28	105,000	98	Nasdaq, 5.95%, 8/15/53	10,000	10
Fifth Third Bancorp, 2.375%, 1/28/25	10,000	9	Nasdaq, 6.10%, 6/28/63	10,000	10
Fifth Third Bancorp, 2.55%, 5/5/27	5,000	4	Netflix, 6.375%, 5/15/29	55,000	58
Fifth Third Bancorp, 3.95%, 3/14/28	12,000		NextEra Energy Capital Holdings, 2.44%,		
Fifth Third Bancorp, VR, 4.772%,	45.000		1/15/32	35,000	28
7/28/30 (9)	15,000	14	NextEra Energy Capital Holdings, 3.00%,	05.000	00
General Motors Financial, 4.00%, 10/6/26	5,000	5	1/15/52	35,000	23
General Motors Financial, 4.30%, 7/13/25	25,000	24	NextEra Energy Capital Holdings, 5.00%,	15 000	15
Georgia Power, 4.95%, 5/17/33	45,000	44	7/15/32	15,000	15
GLP Capital, 3.35%, 9/1/24	10,000	10	NextEra Energy Capital Holdings, 5.25%, 2/28/53	15,000	15
Goldman Sachs Group, 3.50%, 11/16/26	70,000	66	NiSource, 5.25%, 3/30/28	10,000	13 10
Goldman Sachs Group, VR, 1.542%, 9/10/27 (9)	50,000	44	Nissan Motor Acceptance, 1.85%,		
Goldman Sachs Group, VR, 3.615%,	30,000		9/16/26 (1)	15,000	13
3/15/28 (9)	45,000	42	NRG Energy, 4.45%, 6/15/29 (1)	15,000	13
Goldman Sachs Group, VR, 4.482%,			Occidental Petroleum, 8.875%, 7/15/30	15,000	
8/23/28 (9)	20,000	19	Oracle, 5.55%, 2/6/53	35,000	34
Hasbro, 3.55%, 11/19/26	25,000	23	Pacific Gas & Electric, 2.10%, 8/1/27	20,000	17
HCA, 2.375%, 7/15/31	20,000	16	Pacific Gas & Electric, 2.50%, 2/1/31	40,000	31
HCA, 3.125%, 3/15/27 (1)	20,000	18	Pacific Gas & Electric, 4.55%, 7/1/30	45,000	41
HCA, 3.375%, 3/15/29 (1)	5,000	4	Pacific Gas & Electric, 5.90%, 6/15/32	10,000	10
HCA, 3.50%, 9/1/30	25,000	22	Pacific Gas & Electric, 6.70%, 4/1/53	10,000	10
HCA, 5.375%, 9/1/26	11,000	11	Pfizer Investment Enterprises, 4.75%,		
HCA, 5.875%, 2/15/26	18,000	18	5/19/33	30,000	30
Healthcare Realty Holdings, 2.05%, 3/15/3	1 15,000	11	Pfizer Investment Enterprises, 5.30%,		
Healthcare Realty Holdings, 3.625%,			5/19/53	30,000	31
1/15/28	60,000	53	Philip Morris International, 5.125%, 2/15/30	25,000	25
Humana, 4.875%, 4/1/30	42,000	41	Pioneer Natural Resources, 5.10%, 3/29/26	15,000	15
Humana, 5.50%, 3/15/53	20,000	20	PNC Financial Services Group, 2.55%,		
Hyundai Capital America, 1.80%,			1/22/30	15,000	13
10/15/25 (1)	20,000	18	PNC Financial Services Group, VR, 6.037%	•	
Hyundai Capital America, 5.50%,			10/28/33 (9)	40,000	41
3/30/26 (1)	10,000	10	Realty Income, 3.95%, 8/15/27	35,000	33
Indiana Michigan Power, 5.625%, 4/1/53	5,000	5	Revvity, 1.90%, 9/15/28	35,000	30
Intercontinental Exchange, 4.35%, 6/15/29	40,000	39	Revvity, 2.25%, 9/15/31	15,000	12
JPMorgan Chase, VR, 1.578%, 4/22/27 (9)	35,000	31	Revvity, 3.30%, 9/15/29	19,000	17
JPMorgan Chase, VR, 2.182%, 6/1/28 (9)	60,000	53	Reynolds American, 4.45%, 6/12/25	7,000	
JPMorgan Chase, VR, 2.522%, 4/22/31 (9)	10,000	8	Rogers Communications, 3.20%,	44.000	
JPMorgan Chase, VR, 2.739%, 10/15/30 (9		20	3/15/27 (1)	14,000	13
JPMorgan Chase, VR, 2.956%, 5/13/31 (9)	69,000	59	Rogers Communications, 3.80%,	25 000	00
JPMorgan Chase, VR, 3.54%, 5/1/28 (9)	25,000	23	3/15/32 (1)	25,000	22

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)	_		(Cost and value in \$000s)	-	
Rogers Communications, 4.35%, 5/1/49	5,000	4	FOREIGN GOVERNMENT OBLIGATION	S &	
Rogers Communications, 4.55%,			MUNICIPALITIES 0.2%		
3/15/52 (1)	94,000	76			
Ross Stores, 1.875%, 4/15/31	45,000	36	State of Israel, Series 0347, 3.75%, 3/31/47		
Santander Holdings USA, VR, 2.49%,			(ILS)	1,110,000	286
1/6/28 (9)	12,000	10	Total Foreign Government Obligations &		
Santander Holdings USA, VR, 6.499%,	2.222		Municipalities (Cost \$294)		286
3/9/29 (9)	6,000	6			
SBA Tower Trust 0.502% 10./15/27 (1)	50,000	43	NON-U.S. GOVERNMENT MORTGAGE-	BACKED	
SBA Tower Trust, 2.593%, 10/15/31 (1)	40,000	31	SECURITIES 0.7%		
Sempra Energy, 3.70%, 4/1/29	15,000	14	Assert Oals Mantagas Trust Oadas 0000 F		
Southern, 5.20%, 6/15/33	60,000	59	Angel Oak Mortgage Trust, Series 2020-5,	0.616	0
Southern California Edison, 5.70%, 3/1/53	20,000	20	Class A3, CMO, ARM, 2.041%, 5/25/65 (1)	9,616 ,	9
Southern California Edison, Series D, 4.70%, 6/1/27	30,000	30	BBCMS Mortgage Trust, Series 2019-BWAY Class D, ARM, 1M TSFR + 2.274%, 7.421%.		
Standard Chartered, VR, 2.608%,	30,000		11/15/34 (1)	, 25,000	12
1/12/28 (1)(9)	200,000	177	BINOM Securitization Trust, Series 2021-	20,000	'-
Sutter Health, 5.164%, 8/15/33	15,000	15	INV1, Class A1, CMO, ARM, 2.034%,		
Sutter Health, 5.547%, 8/15/53	10,000	10	6/25/56 (1)	71,231	61
T-Mobile USA, 5.75%, 1/15/54	45,000	46	BX Commercial Mortgage Trust,		
Targa Resources Partners, 5.50%, 3/1/30	57,000	55	Series 2022-CSMO, Class B, ARM, 1M		
Targa Resources Partners, 6.875%, 1/15/20		20	TSFR + 3.141%, 8.288%, 6/15/27 (1)	100,000	100
Transcontinental Gas Pipe Line, 4.60%,		· ·	BXSC Commercial Mortgage Trust,		
3/15/48	5,000	4	Series 2022-WSS, Class B, ARM, 1M TSFR		
Truist Financial, VR, 4.123%, 6/6/28 (9)	45,000	42	+ 2.092%, 7.239%, 3/15/35 (1)	100,000	98
U.S. Bancorp, VR, 4.839%, 2/1/34 (9)	20,000	19	CIM Trust, Series 2021-INV1, Class A29,		
UnitedHealth Group, 2.00%, 5/15/30	105,000	88	CMO, ARM, 2.50%, 7/1/51 (1)	84,359	65
UnitedHealth Group, 4.50%, 4/15/33	40,000	39	Commercial Mortgage Trust, Series 2016-	00.507	0.5
UnitedHealth Group, 5.05%, 4/15/53	60,000	59	CR28, Class AHR, 3.651%, 2/10/49	26,537	25
UnitedHealth Group, 5.875%, 2/15/53	32,000	36	Connecticut Avenue Securities,		
Utah Acquisition, 3.95%, 6/15/26	101,000	96	Series 2017-C06, Class 2ED1, CMO, ARM, 1M USD LIBOR + 1.00%, 6.15%, 2/25/30	13,299	13
Verizon Communications, 1.75%, 1/20/31	25,000	20	Connecticut Avenue Securities Trust,	10,200	
Verizon Communications, 2.55%, 3/21/31	80,000	67	Series 2022-R04, Class 1M1, CMO, ARM,		
Verizon Communications, 2.65%, 11/20/40	77,000	53	SOFR30A + 2.00%, 7.067%, 3/25/42 (1)	21,783	22
Verizon Communications, 3.55%, 3/22/51	45,000	34	Finance of America HECM Buyout,		
Vistra Operations, 5.125%, 5/13/25 (1)	45,000	44	Series 2022-HB2, Class A1A, ARM, 4.00%,		
Volkswagen Group of America Finance,			8/1/32 (1)	85,096	82
3.20%, 9/26/26 (1)	205,000	191	Galton Funding Mortgage Trust,		
Warnermedia Holdings, 3.755%, 3/15/27	60,000	56	Series 2018-1, Class A23, CMO, ARM,		
Wells Fargo, 4.30%, 7/22/27	35,000		3.50%, 11/25/57 (1)	6,248	6
Wells Fargo, VR, 2.393%, 6/2/28 (9)	115,000	103	Galton Funding Mortgage Trust,		
Wells Fargo, VR, 2.572%, 2/11/31 (9)	225,000	190	Series 2018-2, Class A22, CMO, ARM,	4.001	4
Wells Fargo, VR, 2.879%, 10/30/30 (9)	100,000	87	4.00%, 10/25/58 (1)	4,661	4
Westlake, 1.625%, 7/17/29 (EUR)	100,000		Great Wolf Trust, Series 2019-WOLF, Class		
Woodside Finance, 3.70%, 9/15/26 (1)	10,000	9.	A, ARM, 1M TSFR + 1.148%, 6.295%, 12/15/36 (1)	40,000	39
Woodside Finance, 3.70%, 3/15/28 (1)	24,000		Great Wolf Trust, Series 2019-WOLF, Class		
Workday, 3.70%, 4/1/29	10,000	9	C, ARM, 1M TSFR + 1.747%, 6.894%,		
Xcel Energy, 3.40%, 6/1/30	45,000	40	12/15/36 (1)	35,000	34
Yara International, 4.75%, 6/1/28 (1)	25,000	24	GS Mortgage-Backed Securities Trust,		
Total Corporate Bonds (Cost \$8,079)		7,325	Series 2021-GR1, Class A4, CMO, ARM, 2.50%, 11/25/51 (1)	83,227	64
EQUITY MUTUAL FUNDS 7.0%			JPMorgan Chase Commercial Mortgage		
			Securities Trust, Series 2018-WPT, Class		
T. Rowe Price Institutional Emerging			AFX, 4.248%, 7/5/33 (1)	20,000	18
Markets Equity Fund (2)	213,085	7,074	JPMorgan Mortgage Trust, Series 2020-5,		
T. Rowe Price Real Assets Fund - I Class (2)	356,039	4,828	Class B2, CMO, ARM, 3.578%, 12/25/50 (1) 23,390	19
Total Equity Mutual Funds (Cost \$9,746)		11,902	JPMorgan Mortgage Trust, Series 2020-		
			INV1, Class A11, CMO, ARM, 1M USD		
			LIBOR + 0.83%, 5.968%, 8/25/50 (1)	6,313	6

	Shares/Par	\$ Value		Shares/Par	\$ Value
(Cost and value in \$000s)	<u> </u>		(Cost and value in \$000s)		
JPMorgan Mortgage Trust, Series 2020-			PREFERRED STOCKS 0.1%		
INV1, Class A3, CMO, ARM, 3.50%,	8,417	7	CONSUMER DISCRETIONARY 0.1%		
8/25/50 (1) JPMorgan Mortgage Trust, Series 2020-	0,417	7			
LTV1, Class A15, CMO, ARM, 3.50%,			Automobiles 0.1%		
6/25/50 (1)	1,139	1	Dr. Ing. h.c. F. Porsche (EUR)	1,078	134
JPMorgan Mortgage Trust, Series 2020-			Total Consumer Discretionary		134
LTV1, Class A3, CMO, ARM, 3.50%,			Total Preferred Stocks (Cost \$87)		134
6/25/50 (1)	2,278	2	• • •		
JPMorgan Mortgage Trust, Series 2020-			U.S. GOVERNMENT & AGENCY MORTO	AGE-BACKED	
LTV1, Class B1A, CMO, ARM, 3.286%,	00.005	0.4	SECURITIES 7.8%		
6/25/50 (1)	28,235	24			
New Residential Mortgage Loan Trust, Series 2021-INV2, Class A4, CMO, ARM,			U.S. Government Agency		
2.50%, 9/25/51 (1)	85,449	66	Obligations 6.2%		
OBX Trust, Series 2020-EXP1, Class 1A8,			Federal Home Loan Mortgage		
CMO, ARM, 3.50%, 2/25/60 (1)	28,182	25	2.50%, 4/1/30	13,250	
Sequoia Mortgage Trust, Series 2013-4,			3.00%, 12/1/42 - 4/1/43	61,974	56
Class B1, CMO, ARM, 3.442%, 4/25/43	19,698	18	3.50%, 8/1/42 - 3/1/44	86,360	81
Sequoia Mortgage Trust, Series 2017-CH2,			4.00%, 8/1/40 - 8/1/45	41,567	40
Class A19, CMO, ARM, 4.00%, 12/25/47 (1) 6,351	6	4.50%, 6/1/39 - 5/1/42	41,541	40
SG Residential Mortgage Trust,			5.00%, 1/1/24 - 8/1/40	13,998	13 3
Series 2019-3, Class A1, CMO, ARM,	0.400	•	6.00%, 10/1/32 - 8/1/38	3,554 538	
2.703%, 9/25/59 (1)	2,192	2	7.00%, 6/1/32 Federal Home Loan Mortgage, ARM		 .
Structured Agency Credit Risk Debt Notes, Series 2020-DNA2, Class M2, CMO,			12M USD LIBOR + 1.827%, 4.201%, 2/1/37	1,945	2
ARM, 1M USD LIBOR + 1.85%, 7.00%,			12M USD LIBOR + 1.842%, 4.091%, 1/1/37		<u>-</u> . 1
2/25/50 (1)	28,261	28	Federal Home Loan Mortgage, UMBS		· ' ·
Structured Agency Credit Risk Debt Notes,			1.50%, 4/1/37	14,411	12
Series 2021-DNA2, Class M2, CMO, ARM,			2.00%, 3/1/42 - 5/1/52	481,317	396
SOFR30A + 2.30%, 7.367%, 8/25/33 (1)	24,236	24	2.50%, 3/1/42 - 5/1/52	658,523	561
Structured Agency Credit Risk Debt Notes,			3.00%, 1/1/33 - 8/1/52	413,634	372
Series 2022-DNA3, Class M1A, CMO, ARM,			3.50%, 6/1/47 - 10/1/51	141,667	131
SOFR30A + 2.00%, 7.067%, 4/25/42 (1)	22,437	23	4.00%, 8/1/37 - 2/1/50	86,250	82
Structured Agency Credit Risk Debt Notes,			4.50%, 5/1/50	8,052	8
Series 2022-DNA4, Class M1A, CMO, ARM, SOFR30A + 2.20%, 7.267%, 5/25/42 (1)	30,938	31	Federal National Mortgage Assn.		
Structured Agency Credit Risk Debt Notes,	30,930		3.00%, 8/1/43 - 2/1/44	9,280	8
Series 2022-HQA1, Class M1A, CMO, ARM,			3.50%, 6/1/42 - 1/1/44	86,901	81
SOFR30A + 2.10%, 7.167%, 3/25/42 (1)	46,501	47	4.00%, 11/1/40	17,703	17
Towd Point Mortgage Trust, Series 2019-			Federal National Mortgage Assn., ARM,		
HY3, Class A1A, CMO, ARM, 1M USD			12M USD LIBOR + 1.869%, 4.119%, 8/1/36	1,382	1
LIBOR + 1.00%, 6.15%, 10/25/59 (1)	30,154	30	Federal National Mortgage Assn., CMO, IO,	274	
Vista Point Securitization Trust, Series 2020	-		6.50%, 2/25/32 Federal National Mortgage Assn., UMBS	374	- -
2, Class A1, CMO, ARM, 1.475%,	00.000	0.1	1.50%, 4/1/37 - 1/1/42	256,990	219
4/25/65 (1)	23,962	21	2.00%, 4/1/37 - 4/1/52	2,186,784	1,805
Wells Fargo Commercial Mortgage Trust, Series 2017-C39, Class B, 4.025%, 9/15/50	125,000	109	2.50%, 1/1/32 - 9/1/52	1,184,305	1,023
Wells Fargo Commercial Mortgage Trust,	123,000	109	3.00%, 6/1/27 - 10/1/51	713,032	645
Series 2019-JWDR, Class A, ARM, 2.584%,			3.50%, 11/1/32 - 1/1/52	366,638	342
9/15/31 (1)	100,000	89	4.00%, 7/1/35 - 9/1/52	343,521	328
Total Non-U.S. Government Mortgage-			4.50%, 7/1/39 - 8/1/52	197,549	192
Backed Securities (Cost \$1,371)		1,230	5.00%, 8/1/23 - 10/1/52	154,630	156
(300.4.,0)			5.50%, 12/1/34 - 9/1/41	51,511	53
			6.00%, 4/1/33 - 2/1/53	214,522	220
			6.50%, 7/1/32 - 5/1/40	18,970	20
			7.00%, 4/1/32	177	
			UMBS, TBA (10)		
			2.00%, 7/1/38 - 7/1/53	1,350,000	1,123
			2.50%, 7/1/53	920,000	780
			3.00%, 7/1/53	375,000	330

	Shares/Par	\$ Value				Shares/Par	\$ Value
(Cost and value in \$000s)			(Cost and value	ie in \$000s)			
3.50%, 7/1/53	300,000	273	U.S. Treasur	y Notes, 4.00%, 12	/15/25	1,085,000	1,06
4.00%, 7/1/53	270,000	253		y Notes, 4.00%, 2/		320,000	31
4.50%, 7/1/53	200,000	192		y Notes, 4.125%, 9		830,000	82
5.00%, 7/1/53	220,000	216		y Notes, 4.125%, 1		695,000	710
5.50%, 7/1/53	290,000	289					11,97
6.00%, 7/1/53	90,000	91	Total U.S. G	overnment Agenc	v		
6.50%, 7/1/53	130,000	133		(Excluding Mortg	•		
		10,600	(Cost \$12,1		,		11,97
U.S. Government Obligations 1.6%							
Government National Mortgage Assn.			SHORT-TER	RM INVESTMENT	rs 8.2%		
1.50%, 5/20/37	47,302	41					
2.00%, 3/20/51 - 3/20/52	552,673	466	Money Mark	cet Funds 8.2%			
2.50%, 8/20/50 - 3/20/52	526,525	455	T. Rowe Pric	e Treasury Reserv	e Fund,		
3.00%, 7/15/43 - 6/20/52	487,795	439	5.11% (2)(12	!)		14,012,596	14,01
3.50%, 12/20/42 - 10/20/49	289,478	271	Total Short-	Term Investments	(Cost		
4.00%, 7/20/42 - 10/20/52	257,142	245	\$14,013)		•		14,013
4.50%, 10/20/39 - 10/20/52	191,719	187					
5.00%, 3/20/34 - 6/20/49	89,852	91	SECURITIE	S LENDING COL	LATERAL 0	.0%	
5.50%, 10/20/32 - 3/20/49	50,712	51					
6.00%, 4/15/36 - 12/20/38	7,625	8	INVESTMEN	ITS IN A POOLED	ACCOUNT T	HROUGH SECI	IRITIES
6.50%, 3/15/26 - 4/15/26	1,544	1	_	ROGRAM WITH J			_
7.00%, 9/20/27 - 1/20/53	30,403	31					• , •
8.00%, 4/15/26	81	.	-	et Funds 0.0%			
Government National Mortgage Assn., CMC)			e Government Res	serve Fund,		
3.00%, 11/20/47 - 12/20/47	5,061	5	5.13% (2)(12	!)		6,235	
3.50%, 10/20/50	25,000	21		ments in a Pooled			
Government National Mortgage Assn.,				curities Lending P	rogram with		
TBA (10)	05.000	00	JPMorgan C				
2.00%, 7/20/53	35,000	29		ties Lending Colla	ateral (Cost		
2.50%, 7/20/53	40,000	35	\$6)				
5.00%, 7/20/53	45,000	44					
5.50%, 7/20/53	300,000	299					
6.00%, 7/20/53	65,000	65	(Amounts in 0	00s, except for cont	racts)		
6.50%, 7/20/53	55,000	56	OPTIONS P	URCHASED 0.0%			
		2,840					
Total U.S. Government & Agency			OTC Option	s Purchased 0.0%	0		
Mortgage-Backed Securities (Cost		13,440				Notional	
\$14,211)		13,440	Counterpa	rty Description	Contracts	Amount	\$ Value
U.S. GOVERNMENT AGENCY OBLIGAT	IONS (EXCLUD	ING		USD / JPY			
MORTGAGE-BACKED) 7.0%	.0.10 (2/0202		Bank of	Put, 7/6/23 @		F.C.O.	
merrial brenza, mere			America	JPY127.00 (4)		560	-
U.S. Treasury Obligations 7.0%							
U.S. Treasury Bonds, 3.00%, 8/15/52	790,000	672					
0.3. Heasury Bullus, 3.00%, 6/13/32							
	1.000.000	907					
U.S. Treasury Bonds, 3.375%, 8/15/42	1,000,000 690.000	907					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53	690,000	662					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43	690,000 365,000	662 356					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42	690,000 365,000 710,000	662 356 706					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52	690,000 365,000 710,000 440,000	662 356 706 452					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26	690,000 365,000 710,000 440,000 400,000	662 356 706 452 357					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27	690,000 365,000 710,000 440,000 400,000 1,135,000	662 356 706 452 357 1,028					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27 U.S. Treasury Notes, 1.875%, 2/15/32	690,000 365,000 710,000 440,000 400,000 1,135,000 455,000	662 356 706 452 357 1,028 390					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27 U.S. Treasury Notes, 1.875%, 2/15/32 U.S. Treasury Notes, 2.25%, 1/31/24	690,000 365,000 710,000 440,000 400,000 1,135,000 455,000 1,395,000	662 356 706 452 357 1,028 390 1,369					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27 U.S. Treasury Notes, 1.875%, 2/15/32 U.S. Treasury Notes, 2.25%, 1/31/24 U.S. Treasury Notes, 2.75%, 2/15/24	690,000 365,000 710,000 440,000 400,000 1,135,000 455,000 1,395,000 205,000	662 356 706 452 357 1,028 390 1,369 202					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27 U.S. Treasury Notes, 1.875%, 2/15/32 U.S. Treasury Notes, 2.25%, 1/31/24 U.S. Treasury Notes, 2.75%, 2/15/24 U.S. Treasury Notes, 3.75%, 4/15/26	690,000 365,000 710,000 440,000 400,000 1,135,000 455,000 1,395,000 205,000 270,000	662 356 706 452 357 1,028 390 1,369 202 264					
U.S. Treasury Bonds, 3.375%, 8/15/42 U.S. Treasury Bonds, 3.625%, 2/15/53 U.S. Treasury Bonds, 3.875%, 2/15/43 U.S. Treasury Bonds, 4.00%, 11/15/42 U.S. Treasury Bonds, 4.00%, 11/15/52 U.S. Treasury Notes, 0.75%, 8/31/26 U.S. Treasury Notes, 1.50%, 1/31/27 U.S. Treasury Notes, 1.875%, 2/15/32 U.S. Treasury Notes, 2.25%, 1/31/24 U.S. Treasury Notes, 2.75%, 2/15/24	690,000 365,000 710,000 440,000 400,000 1,135,000 455,000 1,395,000 205,000	662 356 706 452 357 1,028 390 1,369 202					

(Amounts in 000s, except for contracts)

(Cost \$144,094)

Counterpart	y Description	Contracts	 otional mount	\$ Value
	Credit Default			<u> </u>
	Swap,			
	Protection			
	Bought			
	(Relevant			
	Credit: Markit			
	CDX.NA.IG-S40	,		
	5 Year Index,			
	6/20/28),			
	Pay 1.00%			
	Quarterly,			
	Receive upon			
	credit default,			
JPMorgan				
Chase	0.80%* (4)	1	 1,450	-
Total Options	Purchased (Cost	t \$9)		
Total Investme	ents in Securities	3		
102.3% of Ne	t Assets			

‡ Shares/Par and Notional Amount are denominated in U.S. dollars unless otherwise noted.

174,920

- Exercise Spread
- (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 \$3,718 and represents 2.2% of net assets.
- (2) Affiliated Companies
- (3) SEC 30-day yield
- (4) Non-income producing
- (5) 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 \$613 and represents 0.4% of net assets.
- (6) See Note 2. Level 3 in fair value hierarchy.
- (7) See Note 4. All or a portion of this security is on loan at June 30, 2023.
- (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 \$4,208 and represents 2.5% of net assets.
- (11) At June 30, 2023, 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
- ILS Israeli Shekel
- 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
- OTC Over-the-counter
- PLN Polish Zloty
- 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.

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SWAPS 0.0%

		Upfront	
Notional		Payments/	Unrealized
Amount	\$ Value	\$ (Receipts)**	\$ Gain/(Loss)
366	10	10	
	_	10	
10	-		
			_
		10	
	Amount 366	Amount \$ Value	Notional Amount

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: Markit CDX.NA.HY-S40, 5 Year Index), Receive 5.00%				
Quarterly, Pay upon credit default, 6/20/28	370	11	5	6
Protection Sold (Relevant Credit: MetLife, A3*), Receive 1.00% Quarterly, Pay upon credit				
default, 6/20/28	9	_	_	_
Protection Sold (Relevant Credit: Republic of Indonesia, Baa2*), Receive 1.00% Quarterly, Pay				
upon credit default, 6/20/28	185	1	(2)	3
Protection Sold (Relevant Credit: United Mexican States, Baa2*), Receive 1.00% Quarterly, Pay				
upon credit default, 6/20/28	220		(4)	4
Total Centrally Cleared Credit Default Swaps, Protection Sold				13
Total Centrally Cleared Swaps				13
Net payments (receipts) of variation margin to date				(10)

^{*} Credit ratings as of June 30, 2023. 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.

Variation margin receivable (payable) on centrally cleared swaps

^{**} Includes interest purchased or sold but not yet collected of less than \$1.

(Amounts in 000s)

FORWARD CURRENCY EXCHANGE CONTRACTS

					Un	realized
Counterparty	Settlement	Receive	l	Deliver	Gair	n/(Loss)
Bank of America	7/21/23	CAD	245	USD	183 \$	2
Bank of America	7/21/23	USD	181	JPY	25,445	4
Bank of America	8/25/23	GBP	100	USD	125	2
BNP Paribas	7/14/23	DKK	1,650	USD	244	(2)
BNP Paribas	7/14/23	USD	244	DKK	1,650	2
BNP Paribas	8/25/23	USD	87	EUR	80	_
Citibank	8/18/23	PLN	1,580	USD	378	9
Citibank	8/18/23	USD	377	PLN	1,580	(11)
Goldman Sachs	8/25/23	USD	250	GBP	200	(4)
RBC Dominion Securities	7/21/23	CAD	250	USD	188	1
RBC Dominion Securities	7/21/23	USD	366	CAD	495	(8)
State Street	7/20/23	USD	297	ILS	1,081	6
State Street	7/21/23	JPY	25,445	USD	184	(7)
State Street	8/25/23	GBP	100	USD	125	1
Net unrealized gain (loss) on open forward						
currency exchange contracts					.\$	(5)

FUTURES CONTRACTS (\$000s) Value and Unrealized Expiration Notional Date Amount Gain (Loss) Long, 20 U.S. Treasury Notes ten year contracts 9/23 2,245 \$ (35)Short, 4 Ultra U.S. Treasury Bonds contracts 9/23 (545) (6) 3,080 Long, 26 Ultra U.S. Treasury Notes ten year contracts 9/23 (20) Net payments (receipts) of variation margin to date 61

Variation margin receivable (payable) on open futures contracts

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, 2023. 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 Inflation Protected Bond Fund - I Class, 7.97%	\$ _ \$	-	\$ -
T. Rowe Price Institutional Emerging Markets Bond Fund, 6.47%	(100)	186	190
T. Rowe Price Institutional Emerging Markets Equity Fund	(134)	436	_
T. Rowe Price Institutional Floating Rate Fund - Institutional Class, 8.76%	_	6	16
T. Rowe Price Institutional High Yield Fund - Institutional Class, 8.16%	(211)	424	320
T. Rowe Price International Bond Fund - I Class, 4.42%	(1,074)	1,118	47
T. Rowe Price International Bond Fund (USD Hedged) - I Class, 4.35%	_	33	36
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class, 7.84%	_	_	_
T. Rowe Price Real Assets Fund - I Class	_	61	_
T. Rowe Price Government Reserve Fund, 5.13%	_	_	_++
T. Rowe Price Treasury Reserve Fund, 5.11%	_	_	267
Affiliates not held at period end	 (192)	201	_
Totals	\$ (1,711)# \$	2,465	\$ 876+

Supplementary Investment Schedule				
	Value	Purchase	Sales	Value
Affiliate	12/31/22	Cost	Cost	06/30/23
T. Rowe Price Inflation Protected Bond Fund - I Class, 7.97%	\$ 6 \$	- \$	- \$	6
T. Rowe Price Institutional Emerging Markets Bond Fund, 6.47%	6,935	191	375	6,937
T. Rowe Price Institutional Emerging Markets Equity Fund	7,172	_	534	7,074
T. Rowe Price Institutional Floating Rate Fund - Institutional Class, 8.76%	359	15	_	380
T. Rowe Price Institutional High Yield Fund - Institutional Class, 8.16%	9,978	320	1,311	9,411
T. Rowe Price International Bond Fund - I Class, 4.42%	6,438	48	4,374	3,230
T. Rowe Price International Bond Fund (USD Hedged) - I Class, 4.35%	_	3,336	_	3,369
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class, 7.84%	6	_	_	6
T. Rowe Price Real Assets Fund - I Class	4,767	_	_	4,828
T. Rowe Price U.S. Large-Cap Core Fund - I Class	2,483	_	2,684	_
T. Rowe Price Government Reserve Fund, 5.13%	424	۵	¤	6
T. Rowe Price Treasury Reserve Fund, 5.11%	 10,661	۵	¤	14,013
Total			\$	49,260^

- # Capital gain distributions from underlying Price 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 \$876 of dividend income and \$0 of interest income.
- Purchase and sale information not shown for cash management funds.
- [^] The cost basis of investments in affiliated companies was \$50,718.

June 30, 2023 (Unaudited)

STATEMENT OF ASSETS AND LIABILITIES

(\$000s, except shares and per share amounts)

Assets Investments in securities, at value (cost \$144,094) Receivable for investment securities sold	\$ 174,920 976
Interest and dividends receivable	324
Receivable for shares sold	54 53
Foreign currency (cost \$53) Unrealized gain on forward currency exchange contracts	27
Bilateral swap premiums paid	10
Variation margin receivable on centrally cleared swaps	3
Cash Other assets	1 137
Total assets	 176,505
Liabilities	
Payable for investment securities purchased	5,369 163
Investment management and administrative fees payable Unrealized loss on forward currency exchange contracts	32
Payable for shares redeemed	27
Obligation to return securities lending collateral	 6
Total liabilities	 5,597
NET ASSETS	\$ 170,908
Net Assets Consist of: Total distributable earnings (loss) Paid-in capital applicable to 8,921,976 shares of \$0.0001 par value capital stock outstanding; 1,000,000,000 shares of the	\$ 28,207
Corporation authorized	 142,701
NET ASSETS	\$ 170,908
NET ASSET VALUE PER SHARE	\$ 19.16

The accompanying notes are an integral part of these financial statements.

(Unaudited)

STATEMENT OF OPERATIONS

(\$000s)

Investment Income (Loss)	6 Months Ended 6/30/23
Income Dividend (net of foreign taxes of \$64)	\$ 1,751
Interest	661
Securities lending	4
Total income	2,416
Expenses	
Investment management and administrative expense	742
Waived / paid by Price Associates	(162)
Net expenses Net investment income	580 1,836
Net investment income	1,030
Realized and Unrealized Gain / Loss	
Net realized gain (loss)	
Securities	615
Futures	(285)
Swaps	8
Forward currency exchange contracts	336
Net realized gain	330
Change in net unrealized gain / loss	
Securities	11,765
Futures	(39)
Swaps	3
Forward currency exchange contracts	(2)
Other assets and liabilities denominated in foreign currencies	2
Change in net unrealized gain / loss Net realized and unrealized gain / loss	11,729 12,065
Net realized and unrealized yann, 1055	12,000
INCREASE IN NET ASSETS FROM OPERATIONS	\$ 13,901

The accompanying notes are an integral part of these financial statements.

(Unaudited)

STATEMENT OF CHANGES IN NET ASSETS

(DU	00s)	

(\$000s)		
	6 Months	Year
	Ended	Ended
	6/30/23	12/31/22
Increase (Decrease) in Net Assets		
Operations		
Net investment income	\$ 1,836 \$	2,807
Net realized gain (loss)	336	(1,176)
Change in net unrealized gain / loss	 11,729	(39,492)
Increase (decrease) in net assets from operations	 13,901	(37,861)
Distributions to shareholders		
Net earnings	 (1,790)	(6,064)
Capital share transactions*		
Shares sold	9,054	15,092
Distributions reinvested	1,790	6,064
Shares redeemed	 (14,031)	(24,543)
Decrease in net assets from capital share transactions	 (3,187)	(3,387)
Net Assets		
Increase (decrease) during period	8,924	(47,312)
Beginning of period	 161,984	209,296
End of period	\$ 170,908 \$	161,984
*Share information (000s)		
Shares sold	483	779
Distributions reinvested	96	335
Shares redeemed	 (754)	(1,265)
Decrease in shares outstanding	(175)	(151)

The accompanying notes are an integral part of these financial statements.

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. Income tax-related interest and penalties, if incurred, are recorded as income tax expense. Dividends received from other investment companies 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 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. Proceeds from litigation payments, if any, are included in either net realized gain (loss) or change in net unrealized gain/loss from securities. Distributions to shareholders are recorded on the ex-dividend date. Income distributions, if any, are declared and paid quarterly. A capital gain distribution, if any, 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 June 2022, the FASB issued Accounting Standards Update (ASU), ASU 2022-03, Fair Value Measurement (Topic 820) – Fair Value Measurement of Equity Securities Subject to Contractual Sale Restrictions, which clarifies that a contractual restriction on the sale of an equity security is not considered part of the unit of account of the equity security and, therefore, is not considered in measuring fair value. The amendments under this ASU are effective for fiscal years beginning after December 15, 2023; however, the fund opted to early adopt, as permitted, effective December 1, 2022. Adoption of the guidance did not have a material impact on the fund's financial statements.

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 in March 2020 and ASU 2021-01 in January 2021 which provided further amendments and clarifications to Topic 848. These ASUs provide 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, through December 31, 2022. In December 2022, FASB issued ASU 2022-06 which defers the sunset date of Topic 848 from December 31, 2022 to December 31, 2024, after which entities will no longer be permitted to

apply the relief in Topic 848. Management intends to rely upon the relief provided under Topic 848, which is not expected to 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 fund's Board of Directors (the Board) has designated T. Rowe Price Associates, Inc. as the fund's valuation designee (Valuation Designee). Subject to oversight by the Board, the Valuation Designee performs the following functions in performing fair value determinations: assesses and manages valuation risks; establishes and applies fair value methodologies; tests fair value methodologies; and evaluates pricing vendors and pricing agents. The duties and responsibilities of the Valuation Designee are performed by its Valuation Committee. The Valuation Designee 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 Valuation Designee's 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 Valuation Designee 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 the fund's portfolio securities. Each business day, the Valuation Designee uses information from outside pricing services to evaluate the quoted prices of portfolio securities 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 Valuation Designee uses outside pricing services to provide it with quoted prices and information to evaluate or adjust those prices. The Valuation Designee 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 factors such as, but not limited to, 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. Listed options, and OTC options with a listed equivalent, are valued at the mean of the closing bid and asked prices and exchange-traded options on futures contracts are valued at closing settlement prices. 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 are not readily available or deemed unreliable are valued at fair value as determined in good faith by the Valuation Designee. The Valuation Designee has adopted methodologies for determining the fair value of investments for which market quotations are not readily available or deemed unreliable, including the use of other pricing sources. Factors used in determining fair value vary by type of investment and may include market or investment specific considerations. The Valuation Designee 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 Designee 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. Because any fair value determination involves a significant amount of judgment, there is a degree of subjectivity inherent in such pricing decisions. Fair value prices determined by the Valuation Designee could differ from those of other market participants, and it is possible that the fair value determined for a security may be materially different from the value that could be realized upon the sale of that security.

Valuation Inputs The following table summarizes the fund's financial instruments, based on the inputs used to determine their fair values on June 30, 2023 (for further detail by category, please refer to the accompanying Portfolio of Investments):

		Level 1	Level 2	Level 3	Total Value
Assets					
Fixed Income Securities ¹	\$	- \$	36,412 \$	- \$	36,412
Bond Mutual Funds		23,339	_	_	23,339
Common Stocks		68,006	20,629	180	88,815
Convertible Bonds		_	_	1	1
Convertible Preferred Stocks		_	-	298	298
Equity Mutual Funds		11,902	-	_	11,902
Preferred Stocks		_	134	_	134
Short-Term Investments		14,013	_	_	14,013
Securities Lending Collateral		6	_	_	6
Options Purchased		_	-	_	_
Total Securities	***************************************	117,266	57,175	479	174,920
Swaps*		_	23	_	23
Forward Currency Exchange Contracts		_	27	_	27
Total	\$	117,266 \$	57,225 \$	479 \$	174,970
Liabilities					
Forward Currency Exchange Contracts	\$	- \$	32 \$	- \$	32
Futures Contracts*		61	_	_	61
Total	\$	61 \$	32 \$	- \$	93

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).

NOTE 3 - DERIVATIVE INSTRUMENTS

During the six months ended June 30, 2023, 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 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

^{*}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.

collateral. The following table summarizes the fair value of the fund's derivative instruments held as of June 30, 2023, 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			
Foreign exchange derivatives	Forwards, Securities^	\$	27
Credit derivatives	Bilateral Swaps and Premiums, Centrally Cleared Swaps, Securities^		23
Total		\$	50
Liabilities			
Interest rate derivatives	Futures	\$	61
Foreign exchange derivatives	Forwards		32
Total		\$	93

^{*} 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.

Additionally, the amount of gains and losses on derivative instruments recognized in fund earnings during the six months ended June 30, 2023, 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	rations						
		Secu	rities^	Futures	Cı Exc	orward urrency change ntracts	Swaps	Total
Realized Gain (Loss)								
Interest rate derivatives		\$	_	\$ (285)	\$	_	\$ 2	\$ (283)
Foreign exchange derivatives			_	-		(2)	_	(2)
Credit derivatives			-	 _		<u>-</u>	 6	 6
Total		\$	_	\$ (285)	\$	(2)	\$ 8	\$ (279)
Change in Unrealized Gain (Loss)								
Interest rate derivatives		\$	_	\$ (39)	\$	_	\$ _	\$ (39)
Foreign exchange derivatives			(8)	_		(2)	-	(10)
Credit derivatives			(1)	 _		_	 3	 2
Total		\$	(9)	\$ (39)	\$	(2)	\$ 3	\$ (47)

[^] Options purchased are reported as securities.

[^] Options purchased are reported as securities and are reflected in the accompanying Portfolio of Investments.

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 non-cleared 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, 2023, no collateral was pledged by either the fund or counterparties for bilateral derivatives. As of June 30, 2023, securities valued at \$391,000 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 may use forward currency exchange contracts (forwards) primarily to protect its non-U.S. dollar-denominated securities from adverse currency movements or to increase exposure to a particular foreign currency, to shift the fund's foreign currency exposure from one country to another, or to enhance the fund's return. 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 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, 2023, 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, 2023, the volume of the fund's activity in futures, based on underlying notional amounts, was generally between 1% and 4% of net assets.

Options The fund is subject to foreign currency exchange rate risk and credit risk in the normal course of pursuing its investment objectives and uses options to help manage such risks. 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, currency options give the holder the right, but not the obligation, to buy and sell currency at a specified exchange rate; although certain currency options may be settled by exchanging only the net gain or loss on the contract. In return for a premium paid, options on swaps give the holder the right, but not the obligation, to enter a specified swap contract on predefined terms. The exercise price of an option on a credit default swap is stated in terms of a specified spread that represents the cost of credit protection on the reference asset, including both the upfront premium to open the position and future periodic payments. The exercise price of an interest rate swap is stated in terms of a fixed interest rate; generally, there is no upfront payment to open the position. 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, currency values and credit ratings; and, for options written, the potential for losses to exceed any premium received by the fund. During the six months ended June 30, 2023, 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 interest rate risk and credit risk in the normal course of pursuing its investment objectives and uses swap contracts to help manage such risks. 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 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.

Interest rate swaps are agreements to exchange cash flows based on the difference between specified interest rates applied to a notional principal amount for a specified period of time. Risks related to the use of interest rate swaps include the potential for unanticipated movements in interest or currency rates, 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 swap investments, and potential losses in excess of the fund's initial investment.

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 credit. For credit default swaps where the underlying credit is an index, a specified credit event may affect all or individual 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, 2023, the notional amount of protection sold by the fund totaled \$795,000 (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 swap investments, and potential losses in excess of the fund's initial investment.

During the six months ended June 30, 2023, 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, tend to have economic structures that are less diverse and mature, less developed legal and regulatory regimes, and political systems that are less stable, than those of developed countries. These markets may be subject to greater political, economic, and social uncertainty and differing accounting standards and regulatory environments that may potentially impact the fund's ability to buy or sell certain securities or repatriate proceeds to U.S. dollars. Emerging markets securities exchanges are more likely to experience delays with the clearing and settling of trades, as well as the custody of holdings by local banks, agents, and depositories. 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 typically 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, 2023, no collateral was pledged by the fund or counterparties for MSFTA Transactions.

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, 2023, the value of loaned securities was \$6,000; the value of cash collateral and related investments was \$6,000.

Other Purchases and sales of portfolio securities other than short-term and U.S. government securities aggregated \$34,303,000 and \$43,856,000, respectively, for the six months ended June 30, 2023. Purchases and sales of U.S. government securities aggregated \$31,767,000 and \$28,353,000, respectively, for the six months ended June 30, 2023.

NOTE 5 - FEDERAL INCOME TAXES

Generally, 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, 2022, the fund had \$1,135,000 of available capital loss carryforwards.

At June 30, 2023, the cost of investments (including derivatives, if any) for federal income tax purposes was \$146,026,000. Net unrealized gain aggregated \$28,851,000 at period-end, of which \$38,116,000 related to appreciated investments and \$9,265,000 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, extraordinary expenses. Effective July 1, 2018, Price Associates has contractually agreed, at least through April 30, 2024 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 \$42,000 for the six months ended June 30, 2023.

In addition, the fund has entered into service agreements with Price Associates and a wholly owned subsidiary of Price Associates, each an affiliate of the fund. Price Associates provides certain accounting and administrative services to the fund. T. Rowe Price Services, Inc. provides shareholder and administrative services in its capacity as the fund's transfer and dividend-disbursing agent. Pursuant to the all-inclusive fee arrangement under the investment management and administrative agreement, expenses incurred by the funds pursuant to these service agreements are paid by Price Associates.

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 (together, 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. 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 related to the fund's investment therein. Annual management fee rates and amounts waived related to investments in the underlying Price Fund(s) for the six months ended June 30, 2023, 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%	24
T. Rowe Price Institutional Emerging Markets Equity Fund	1.00%	39
T. Rowe Price Institutional Floating Rate Fund - Institutional Class	0.55%	1
T. Rowe Price Institutional High Yield Fund - Institutional Class	0.50%	24
T. Rowe Price International Bond Fund - I Class	0.49%	9
T. Rowe Price International Bond Fund (USD Hedged) - I Class	0.49%	6
T. Rowe Price Limited Duration Inflation Focused Bond Fund - I Class	0.25%	-
T. Rowe Price Real Assets Fund - I Class	0.64%	15
T. Rowe Price U.S. Large-Cap Core Fund - I Class	0.54%	2
Total Management Fee Waived		\$ 120

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, 2023, 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, 2023, these reimbursements 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 the 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.

In March 2023, the collapse of some US regional and global banks as well as overall concerns around the soundness and stability of the global banking sector has sparked concerns of a broader financial crisis impacting the overall global banking sector. In certain cases, government agencies have assumed control or otherwise intervened in the operations of certain banks due to liquidity and solvency concerns. The extent of impact of these events on the US and global markets is highly uncertain.

These are recent examples of global events which may have a negative impact on the values of certain portfolio holdings or the fund's overall performance. 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.

RESULTS OF PROXY VOTING

A Special Meeting of Shareholders was held on July 24, 2023 for shareholders of record on April 7, 2023, to elect the following director-nominees to serve on the Board of all Price Funds. The newly elected Directors took office effective July 24, 2023.

The results of the voting were as follows:

	Votes For	Votes Withheld
Melody Bianchetto	74,096,003	4,864,479
Mark J. Parrell	76,629,190	2,346,625
Kellye L. Walker	76,708,663	2,268,629
Eric L. Veiel	76,898,359	2,090,473

Teresa Bryce Bazemore, Bruce W. Duncan, Robert J. Gerrard, Jr., Paul F. McBride and David Oestreicher continue to serve as Directors on the Board of all Price Funds.

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

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 agreements (Subadvisory Contracts) that the Adviser has entered into with T. Rowe Price Investment Management, Inc. (TRPIM), T. Rowe Price International Ltd, and T. Rowe Price Hong Kong Limited (collectively, the Subadvisers) on behalf of the fund. In that regard, at a meeting held on March 6–7, 2023 (Meeting), the Board, including all of the fund's independent directors, approved the continuation of the fund's Advisory Contract and Subadvisory Contracts. At the Meeting, the Board considered the factors and reached the conclusions described below relating to the selection of the Adviser and Subadvisers and the approval of the Advisory Contract and Subadvisory Contracts. The independent directors were assisted in their evaluation of the Advisory Contract and Subadvisory Contracts 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 continuation of the Advisory Contract and Subadvisory Contracts, 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 Subadvisers about various topics. The Board also considered that TRPIM has its own investment platform and investment management leadership, and that TRPIM has implemented information barriers restricting the sharing of investment information and voting activity with the Adviser and other Subadvisers. 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 Subadvisers

The Board considered the nature, quality, and extent of the services provided to the fund by the Adviser and Subadvisers. 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. However, the Board noted that there are information barriers between investment personnel of TRPIM and the Adviser and the other Subadvisers that restrict the sharing of certain information, such as investment research, trading, and proxy voting. The Board also reviewed the background and experience of the Adviser's and Subadvisers' senior management teams and investment personnel involved in the management of the fund, as well as the Adviser's compliance record. The Board concluded that the information it considered with respect to the nature, quality, and extent of the services provided by the Adviser and Subadvisers, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract and Subadvisory Contracts.

Investment Performance of the Fund

The Board took into account discussions with the Adviser and detailed reports that it regularly receives throughout the year on relative and absolute performance for the T. Rowe Price funds. In connection with the Meeting, the Board reviewed information provided by the Adviser that compared the fund's total returns, as well as a wide variety of other previously agreed-upon performance measures and market data, against relevant benchmark indexes and peer groups of funds with similar investment programs for various periods through December 31, 2022. Additionally, the Board reviewed the fund's relative performance information as of September 30, 2022, which ranked the returns of the fund's Investor Class for various periods against a universe of funds with similar investment programs selected by Broadridge, an independent provider of mutual fund data. In the course of its deliberations, the Board considered performance information provided throughout the year and in connection with the Advisory Contract review at the Meeting, as well as information provided during investment review meetings conducted with portfolio managers and senior investment personnel during the course of the year regarding the fund's performance. The Board also considered relevant factors, such as overall market conditions and trends that could adversely impact the fund's performance, length of the fund's performance track record, and how closely the fund's strategies align with its benchmarks and peer groups. The Board concluded that the information it considered with respect to the fund's performance, as well as the other factors considered at the Meeting, supported the Board's approval of the continuation of the Advisory Contract and Subadvisory Contracts.

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

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. While the Board did not review information regarding profits realized from managing the fund, in particular, because the fund had either not achieved sufficient portfolio asset size or not recognized sufficient revenues to produce meaningful profit margin percentages, the Board concluded that the Adviser's profits were reasonable in light of the services provided to the T. Rowe Price funds.

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 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 0.85% 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 each 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 fund's investors 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. In addition, the 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.

In addition, the Board noted that the fund potentially shares in indirect economies of scale through the Adviser's ongoing investments in its business in support of the T. Rowe Price funds, including investments in trading systems, technology, and regulatory support enhancements, and the ability to possibly negotiate lower fee arrangements with third-party service providers. The Board concluded that the advisory fee structure for the fund provides for a reasonable sharing of benefits from any economies of scale with the fund's investors.

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 (which reflects the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement and any applicable waivers relating to investments in other T. Rowe Price funds), and total expenses (which reflect the fund's all-inclusive management fee rate reduced by the fund's management fee waiver arrangement and any applicable waivers relating to investments in other T. Rowe Price funds) 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 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) and fourth quintile (Expense Universe), and the fund's total expenses ranked in the fourth quintile (Expense Group and Expense Universe).

APPROVAL OF INVESTMENT MANAGEMENT AGREEMENT AND SUBADVISORY AGREEMENTS (CONTINUED)

The Adviser 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. The Board reviewed and considered the information provided relating to the fund, including other funds in the peer group, 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 and Subadvisory Contracts

As noted, the Board approved the continuation of the Advisory Contract and Subadvisory Contracts. 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 Contracts (including the fees to be charged for services thereunder).









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.



Semiannual Report | June 30, 2023

Vanguard Variable Insurance Funds

Money Market Portfolio

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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, 2023

	Beginning	Ending	Expenses
	Account Value	Account Value	Paid During
Money Market Portfolio	12/31/2022	6/30/2023	Period
Based on Actual Portfolio Return	\$1,000.00	\$1,023.30	\$0.75
Based on Hypothetical 5% Yearly Return	1,000.00	1,024.05	0.75

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 0.15%. 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, 2023

1 - 7 Days	78.2%
8 - 30 Days	6.0
31 - 60 Days	7.1
61 - 90 Days	2.4
91 - 180 Days	4.2
Over 180 Days	2.1

¹ Percentage of investments.

Financial Statements (unaudited)

Schedule of Investments

As of June 30, 2023

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)
	Government and Agency O	bligations (50.2%)					Federal Home Loan Banks	E 00.40/	0/05/00	0.000	0.010
2	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes Federal Home Loan Banks		8/25/23	9,889	9,813
2	0.018%	5.078%	7/3/23	2,700	2,700		Discount Notes Federal Home Loan Banks	5.274%	8/30/23	390	387
2	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes	5.217%	9/5/23	1,000	991
2	0.025% Federal Farm Credit Banks	5.085%	7/3/23	6,000	5,999		Federal Home Loan Banks Discount Notes	5.115%-5.274%	9/6/23	2,450	2,427
	Funding Corp., SOFR + 0.025%	5.085%	7/3/23	960	960		Federal Home Loan Banks Discount Notes	5.300%	9/11/23	2,300	2,277
2	Federal Farm Credit Banks	5.065 %	1/3/23	900	900		Federal Home Loan Banks Discount Notes	5 158%	9/13/23	1,908	1,889
	Funding Corp., SOFR + 0.035%	5.095%	7/3/23	6,000	5,999		Federal Home Loan Banks			,	·
2	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes Federal Home Loan Banks		9/15/23	357	353
2	0.040%	5.100%	7/3/23	6,000	6,000		Discount Notes Federal Home Loan Banks	5.300%-5.315%	9/20/23	3,352	3,314
	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes	5.366%	9/22/23	5,211	5,150
2	0.040% Federal Farm Credit Banks	5.100%	7/3/23	2,000	2,000		Federal Home Loan Banks Discount Notes	5.369%	9/26/23	1,764	1,742
	Funding Corp., SOFR + 0.040%	5.100%	7/3/23	837	837		Federal Home Loan Banks Discount Notes	5.359%	10/13/23	3,945	3,887
2	Federal Farm Credit Banks	0.10070	7,0,20	007	007		Federal Home Loan Banks Discount Notes	5.462%	10/18/23	5,100	5,020
	Funding Corp., SOFR + 0.045%	5.105%	7/3/23	3,300	3,299		Federal Home Loan Banks			,	
2	Federal Farm Credit Banks Funding Corp., SOFR +						Discount Notes Federal Home Loan Banks		10/20/23	8,500	8,365
2	0.045% Federal Farm Credit Banks	5.105%	7/3/23	3,000	2,998		Discount Notes Federal Home Loan Banks	5.078%	2/8/24	3,671	3,564
	Funding Corp., SOFR +	E 10E0/	7/0/00	1 000	1 000	2	Discount Notes	5.065%	2/9/24	11,034	10,710
2	0.045% Federal Farm Credit Banks	5.105%	7/3/23	1,000	1,000		Federal Home Loan Banks, SOFR + 0.015%	5.075%	7/3/23	4,890	4,890
	Funding Corp., SOFR + 0.045%	5.105%	7/3/23	925	925	2	Federal Home Loan Banks, SOFR + 0.020%	5.080%	7/3/23	5,400	5,400
2	Federal Farm Credit Banks Funding Corp., SOFR +					2	Federal Home Loan Banks, SOFR + 0.020%	5.080%	7/3/23	1,500	1,500
2	0.050%	5.110%	7/3/23	9,125	9,124	2	Federal Home Loan Banks,			•	
2	Federal Farm Credit Banks Funding Corp., SOFR +					2	SOFR + 0.025% Federal Home Loan Banks,	5.085%	7/3/23	6,600	6,600
2	0.050% Federal Farm Credit Banks	5.110%	7/3/23	8,650	8,648	2	SOFR + 0.025% Federal Home Loan Banks,	5.085%	7/3/23	5,800	5,800
	Funding Corp., SOFR + 0.060%	5.120%	7/3/23	1,500	1,500	2	SOFR + 0.025% Federal Home Loan Banks,	5.085%	7/3/23	3,400	3,400
2	Federal Farm Credit Banks	0.12070	,,0,20	.,000	1,000	2	SOFR + 0.025%	5.085%	7/3/23	2,570	2,570
0	Funding Corp., SOFR + 0.080%	5.140%	7/3/23	1,576	1,576		Federal Home Loan Banks, SOFR + 0.025%	5.085%	7/3/23	1,400	1,400
2	Federal Farm Credit Banks Funding Corp., SOFR +					2	Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	8,530	8,530
2	0.120% Federal Farm Credit Banks	5.180%	7/3/23	10,000	10,003	2	Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	7,100	7,100
	Funding Corp., SOFR + 0.120%	5.180%	7/3/23	960	960	2	Federal Home Loan Banks,			,	•
	Federal Home Loan Banks	5.020%	12/14/23	5,500	5,500	2	SOFR + 0.030% Federal Home Loan Banks,	5.090%	7/3/23	5,700	5,700
	Federal Home Loan Banks Federal Home Loan Banks	5.510% 5.500%	4/1/24 4/1/24	5,845 2,500	5,845 2,500	2	SOFR + 0.030% Federal Home Loan Banks,	5.090%	7/3/23	4,800	4,800
	Federal Home Loan Banks		5/30/24	3,575	3,575	2	SOFR + 0.030%	5.090%	7/3/23	4,300	4,300
	Federal Home Loan Banks Discount Notes	4.278%	7/3/23	699	699		Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	4,100	4,100
	Federal Home Loan Banks Discount Notes	5.140%	7/14/23	541	540	2	Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	3,800	3,800
	Federal Home Loan Banks Discount Notes		7/21/23	361	360	2	Federal Home Loan Banks, SOFR + 0.030%	5.090%		3,600	3,600
	Federal Home Loan Banks					2	Federal Home Loan Banks,				
	Discount Notes Federal Home Loan Banks	5.043%-5.084%		1,106	1,103	2	SOFR + 0.030% Federal Home Loan Banks,	5.090%	7/3/23	3,500	3,500
	Discount Notes Federal Home Loan Banks	5.144%-5.146%	7/26/23	1,139	1,135	2	SOFR + 0.030% Federal Home Loan Banks,	5.090%	7/3/23	3,000	3,000
	Discount Notes Federal Home Loan Banks	5.249%	7/28/23	12,700	12,606	2	SOFR + 0.030%	5.090%	7/3/23	3,000	3,000
	Discount Notes	4.971%	8/9/23	1,000	995		Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	2,915	2,915
	Federal Home Loan Banks Discount Notes	5.217%	8/16/23	1,032	1,026	2	Federal Home Loan Banks, SOFR + 0.030%	5.090%	7/3/23	2,890	2,890
	Federal Home Loan Banks Discount Notes	5.169%-5.171%		6,066	6,027	2	Federal Home Loan Banks, SOFR + 0.030%	5.090%		1,715	1,715
	Federal Home Loan Banks				•	2	Federal Home Loan Banks,		, - ,		
	Discount Notes	5.284%	8/21/23	5,100	5,064		SOFR + 0.030%	5.090%	7/3/23	1,035	1,035

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.095% 5.095% 5.095% 5.095% 5.095% 5.100% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23	8,640 5,800 5,160 1,715 1,400 1,300 8,500 1,800	8,640 5,800 5,160 1,715 1,400 1,300 8,500	Federal Home Loan Banks, SOFR + 0.090% 5.150% 7/3/23 9,80 Federal Home Loan Banks, SOFR + 0.090% 5.150% 7/3/23 3,60 Federal Home Loan Banks, SOFR + 0.095% 5.155% 7/3/23 12,03 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 15,00 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 1,00 Federal Home L	0 3 0 12 0 15
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040%	5.095% 5.095% 5.095% 5.095% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23	5,160 1,715 1,400 1,300 8,500 1,800	5,160 1,715 1,400 1,300 8,500	Federal Home Loan Banks, SOFR + 0.090% 5.150% 7/3/23 3,60 Federal Home Loan Banks, SOFR + 0.095% 5.155% 7/3/23 12,00 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 15,00 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 1,00 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 1,00	0 12 0 15
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040%	5.095% 5.095% 5.095% 5.095% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23	5,160 1,715 1,400 1,300 8,500 1,800	5,160 1,715 1,400 1,300 8,500	 Federal Home Loan Banks, SOFR + 0.095% Federal Home Loan Banks, SOFR + 0.120% Federal Home Loan Banks, SOFR + 0.120% Federal Home Loan Banks, SOFR + 0.120% Federal Home Loan Banks, 	0 12 0 15
2 2 2 2 2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.095% 5.095% 5.095% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23 7/3/23 7/3/23	1,715 1,400 1,300 8,500 1,800	1,715 1,400 1,300 8,500	Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 15,000 Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 1,000 Federal Home Loan Banks,	0 15
2 2 2 2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.040%	5.095% 5.095% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23 7/3/23	1,400 1,300 8,500 1,800	1,400 1,300 8,500	Federal Home Loan Banks, SOFR + 0.120% 5.180% 7/3/23 1,02 Federal Home Loan Banks,	
2 2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.035% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.040%	5.095% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23 7/3/23	1,300 8,500 1,800	1,300 8,500	² Federal Home Loan Banks,	
2 2 2 2 2 2	Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.100% 5.100% 5.100% 5.100%	7/3/23 7/3/23 7/3/23	8,500 1,800	8,500		
2 2 2 2	Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.100% 5.100% 5.100%	7/3/23 7/3/23	1,800		SOFR + 0.120% 5.180% 7/3/23 13 Federal Home Loan Banks,	
2 2 2 2	SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.100% 5.100%	7/3/23		1 000	SOFR + 0.120% 1.000% 7/5/23 1,39 Federal Home Loan	0
2 2 2	SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5.100%		4 700	1,800	Mortgage Corp. 0.250% 8/24/23 28 Federal Home Loan	0
2 2 2	SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%			1,760	1,760	Mortgage Corp. 0.125% 10/16/23 2,08	9 : 3
2	SOFR + 0.040% Federal Home Loan Banks, SOFR + 0.045%	5 100%	7/3/23	1,325	1,325	United States Treasury Bill 4.855%-4.902% 7/27/23 8,05	9
2	SOFR + 0.045%	0.10070	7/3/23	995	995	United States Treasury Bill 4.230%–4.234% 8/1/23 14,77 United States Treasury Bill 4.936% 8/3/23 1,00	
	Fadend Henry Land Dealer	5.105%	7/3/23	3,555	3,555	United States Treasury Bill 4.970% 8/10/23 26,00 United States Treasury Bill 4.757%—4.789% 8/29/23 25,99	
2	Federal Home Loan Banks, SOFR + 0.050%	5.110%	7/3/23	19,200	19,200	United States Treasury Bill 5.324% 8/31/23 4,42	5 .
	Federal Home Loan Banks, SOFR + 0.050%	5.110%	7/3/23	5,900	5,900	United States Treasury Bill 5.162%-5.163% 9/28/23 7,8 United States Treasury Bill 5.102%-5.107% 10/10/23 5,88	5
2	Federal Home Loan Banks,					United States Treasury Bill 5.068%–5.074% 10/17/23 3,78 United States Treasury Bill 5.479% 11/9/23 12,00	
2	SOFR + 0.050% Federal Home Loan Banks,	5.110%	7/3/23	3,910	3,910	United States Treasury Bill 5.451% 11/30/23 7,79 United States Treasury	8
2	SOFR + 0.050% Federal Home Loan Banks,	5.110%	7/3/23	3,600	3,600	Floating Rate Note, United States Treasury	
2	SOFR + 0.050% Federal Home Loan Banks,	5.110%	7/3/23	2,900	2,900	3M Bill Money Market	2
2	SOFR + 0.050% Federal Home Loan Banks,	5.110%	7/3/23	730	730	United States Treasury	3
2	SOFR + 0.055%	5.115%	7/3/23	7,100	7,100	Floating Rate Note, United States Treasury	
2	Federal Home Loan Banks, SOFR + 0.055%	5.115%	7/3/23	6,000	6,000	3M Bill Money Market Yield + 0.037% 5.286% 7/3/23 5,00	0
	Federal Home Loan Banks, SOFR + 0.055%	5.115%	7/3/23	2,900	2,900	Total U.S. Government and Agency Obligations (Cost \$618,950)	61
2	Federal Home Loan Banks, SOFR + 0.060%	5.120%	7/3/23	7,000	7,000	Repurchase Agreements (53.0%)	
2	Federal Home Loan Banks, SOFR + 0.060%	5.120%	7/3/23	3,900	3,900	Bank of Montreal (Dated 6/15/23,	
2	Federal Home Loan Banks, SOFR + 0.060%	5.120%	7/3/23	3,900	3,900	Repurchase Value \$2,009,000,	
2	Federal Home Loan Banks,					collateralized by U.S. Treasury Inflation	
2	SOFR + 0.060% Federal Home Loan Banks,	5.120%	7/3/23	2,700	2,699	Indexed Note/Bond 1.000%-2.125%,	
2	SOFR + 0.060% Federal Home Loan Banks,	5.120%	7/3/23	2,000	2,000	2/15/41–2/15/49, with a value of \$2,040,000) 5.060% 7/17/23 2,00	0
2	SOFR + 0.060% Federal Home Loan Banks,	5.120%	7/3/23	1,400	1,400	Bank of Montreal	O
2	SOFR + 0.060% Federal Home Loan Banks.	5.120%	7/3/23	725	725	(Dated 6/23/23, Repurchase Value	
2	SOFR + 0.065%	5.125%	7/3/23	7,300	7,300	\$1,004,000, collateralized by	
2	Federal Home Loan Banks, SOFR + 0.065%	5.125%	7/3/23	4,000	4,000	U.S. Treasury Inflation Indexed Note/Bond	
2	Federal Home Loan Banks, SOFR + 0.065%	5.125%	7/3/23	3,000	3,000	0.125%-2.500%, 1/15/29-2/15/51, with a	
2	Federal Home Loan Banks, SOFR + 0.065%	5.125%	7/3/23	2,800	2,800	value of \$1,020,000) 5.060% 7/21/23 1,00 Bank of Montreal	0
2	Federal Home Loan Banks, SOFR + 0.065%	5.125%	7/3/23	2,000	2,000	(Dated 6/26/23, Repurchase Value	
2	Federal Home Loan Banks,	5.130%				\$2,008,000, collateralized by	
2	SOFR + 0.070% Federal Home Loan Banks,		7/3/23	5,600	5,600	Collateralized by U.S. Treasury Inflation Indexed Note/Bond	
2	SOFR + 0.070% Federal Home Loan Banks,	5.130%	7/3/23	3,000	3,000	2.125%,	
2	SOFR + 0.070% Federal Home Loan Banks,	5.130%	7/3/23	2,000	2,000	2/15/40-2/15/41, with a value of \$2,040,000) 5.060% 7/24/23 2,00	0
2	SOFR + 0.070% Federal Home Loan Banks,	5.130%	7/3/23	2,000	2,000		
2	SOFR + 0.070%	5.130%	7/3/23	2,000	2,000		
	Federal Home Loan Banks, SOFR + 0.075%	5.135%	7/3/23	4,000	4,000		
2	Federal Home Loan Banks, SOFR + 0.075%	5.135%	7/3/23	3,700	3,700		
2	Federal Home Loan Banks, SOFR + 0.080%	5.140%	7/3/23	12,000	12,000		
2	Federal Home Loan Banks, SOFR + 0.085%	5.145%	7/3/23	11,900	11,900		
2	Federal Home Loan Banks, SOFR + 0.085%	5.145%	7/3/23	7,300	7,300		

	Yield ¹	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Yield	Maturity Date	Face Amount (\$000)	Market Value* (\$000)
BNP Paribas Securities					Nomura International plc			
Corp. (Dated 6/29/23, Repurchase Value \$6,006,000, collateralized by U.S. Treasury Bill 0.000%, 7/11/23–9/26/23, U.S. Treasury Inflation Indexed Note/Bond 0.125%–3.625%, 4/15/26–4/15/28, and U.S. Treasury Note/Bond 1.250%–6.250%, 8/15/23–2/15/52, with a value of \$6,120,000)	5.055%	7/6/23	6,000	6,000	(Dated 6/30/23, Repurchase Value \$2,001,000, collateralized by U.S. Treasury Bill 0.000%, 3/21/24, and U.S. Treasury Note/Bond 2.875%, 10/31/23, with a value of \$2,040,000) RBC Capital Markets LLC (Dated 6/15/23, Repurchase Value \$6,035,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.875%, 1/15/29–2/15/47, and U.S. Treasury	7/3/23	2,000	2,000
Canadian Imperial Bank of	5.055%	7/6/23	6,000	6,000	and U.S. Ireasury Note/Bond			
Commerce (Dated 6/15/23, Repurchase Value \$21,124,000, collateralized by U.S. Treasury Inflation Indexed Note/Bond 0.250%-2.125%,					1.750%–4.125%, 6/15/26–11/15/41, with a	7/27/23	6,000	6,000
1/15/28-2/15/53, and					U.S. Treasury Note/Bond			
U.S. Treasury Note/Bond 1.250%–4.250%, 12/31/24–8/15/50, with a value of \$21,420,000)	5.060%	7/27/23	21,000	21,000	2.625%, 5/31/27, with a value of \$20,400,000) 5.060% Standard Chartered Bank (Dated 6/30/23.	7/27/23	20,000	20,000
Federal Reserve Bank of New York (Dated 6/30/23, Repurchase Value \$535,225,000, collateralized by U.S. Treasury Note/Bond 1.375%-2.500%, 8/15/23-8/15/50, with a	5.050%	7/0/00	505.000	505.000	Repurchase Value \$5,002,000, collateralized by U.S. Treasury Note/Bond 0.375%-2.750%, 7/15/24-8/15/31, with a value of \$5,102,000) 5.060% TD Securities (USA) LLC (Dated 6/30/23,	7/3/23	5,000	5,000
value of \$535,225,000) Fixed Income Clearing Corp. (Dated 6/30/23, Repurchase Value \$28,012,000, collateralized by	5.050%	7/3/23	535,000	535,000	Repurchase Value \$1,000,000, collateralized by U.S. Treasury Note/Bond 0.250%-4.250%, 8/15/23-8/15/30, with a value of \$1,020,000) 5.080%	7/3/23	1,000	1,000
U.S. Treasury Note/Bond 5.060%, 7/3/23, with a					Total Repurchase Agreements (Cost \$653,000)		.,	653,000
value of \$28,700,000)	5.060%	7/3/23	28,000	28,000	Total Investments (103.2%) (Cost \$1,271,950)			1,271,950
Fixed Income Clearing Corp.					Other Assets and Liabilities – Net (-3.2%)			(39,822)
(Dated 6/30/23,					Net Assets (100%)			1,232,128
Repurchase Value \$22,009,000,					Cost is in \$000.			
collateralized by U.S. Treasury Note/Bond 1.500%, 11/30/28, with a value of \$22,440,000) MUFG Securities America Inc (Dated 6/30/23, Repurchase Value \$2,001,000, collateralized by U.S. Treasury Note/Bond 3.000%-3.625%, 5/15/45-2/15/53, with a	5.060%	7/3/23	22,000	22,000	See Note A in Notes to Financial Statements. Represents annualized yield at date of purchase for discount coupon-bearing securities. Variable-rate security, rate shown is effective rate at period on the based on a published reference rate and spread but are don current market conditions. The issuer was placed under federal conservatorship in Septe operations have been managed by the Federal Housing Finanthe U.S. Treasury, as needed to maintain a positive net worth 3M—3-month. SOFR—Secured Overnight Financing Rate.	end. Certain v etermined by ember 2008; s ce Agency an	variable-rate v the issuer of since that tind it receives	securities are or agent based me, its daily s capital from
value of \$2,040,000)	5.060%	7/3/23	2,000	2,000				

Statement of Assets and Liabilities As of June 30, 2023

(\$000s, except shares, footnotes, and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$618,950)	618,950
Repurchase Agreements (Cost \$653,000)	653,000
Total Investments in Securities	1,271,950
Investment in Vanguard	45
Cash	1
Receivables for Accrued Income	2,889
Receivables for Capital Shares Issued	10
Total Assets	1,274,895
Liabilities	
Payables for Investment Securities Purchased	41,904
Payables for Capital Shares Redeemed	787
Payables to Vanguard	76
Total Liabilities	42,767
Net Assets	1,232,128
At June 30, 2023, net assets consisted of: Paid-in Capital	1,232,104
Total Distributable Earnings (Loss)	1,232,104
Net Assets	
Net Assets	1,232,128
Net Assets	
Applicable to 1,231,705,289 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,232,128
Net Asset Value Per Share	\$1.00

Statement of Operations

Six Months Ended June 30, 2023 (\$000) Investment Income Income Interest Total Income 29,217 Expenses The Vanguard Group—Note B Investment Advisory Services 3 Management and Administrative 809 Marketing and Distribution 48 Custodian Fees 41 Shareholders' Reports 13 Trustees' Fees and Expenses _ Other Expenses 4 Total Expenses 918 Expenses Paid Indirectly (7) 911 Net Expenses Net Investment Income 28,306 Realized Net Gain (Loss) on Investment

Net Increase (Decrease) in Net Assets Resulting from Operations

28,332

Statement of Changes in Net Assets

	Six Months Ended June 30, 2023	Year Ended December 31, 2022
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	28,306	18,135
Realized Net Gain (Loss)	26	15
Net Increase (Decrease) in Net Assets Resulting from Operations	28,332	18,150
Distributions		
Total Distributions	(28,320)	(18,174)
Capital Share Transactions (at \$1.00 per share)		
Issued	172,057	368,640
Issued in Lieu of Cash Distributions	28,319	18,174
Redeemed	(185,242)	(275,627)
Net Increase (Decrease) from Capital Share Transactions	15,134	111,187
Total Increase (Decrease)	15,146	111,163
Net Assets		
Beginning of Period	1,216,982	1,105,819
End of Period	1,232,128	1,216,982

Financial Highlights

	Six Months Ended					
For a Share Outstanding	June 30,			Year En	ided Decer	mber 31,
Throughout Each Period	2023	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Investment Operations						
Net Investment Income ¹	.0231	.0154	.0001	.005	.022	.020
Net Realized and Unrealized Gain (Loss) on Investments	_	(.0004)	_	_	_	_
Total from Investment Operations	.0231	.0150	.0001	.005	.022	.020
Distributions						
Dividends from Net Investment Income	(.0231)	(.0150)	(.0001)	(.005)	(.022)	(.020)
Distributions from Realized Capital Gains	(.0000)2	(.0000) ²	_	_	_	_
Total Distributions	(.0231)	(.0150)	(.0001)	(.005)	(.022)	(.020)
Net Asset Value, End of Period	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
Total Return	2.33%	1.51%	0.02%	0.52%	2.26%	1.97%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$1,232	\$1,217	\$1,106	\$1,301	\$1,243	\$1,218
Ratio of Expenses to Average Net Assets ³	0.15%4	0.14%4	0.07%	0.15%	0.15%	0.15%
Ratio of Net Investment Income to Average Net Assets	4.66%	1.54%	0.01%	0.49%	2.23%	1.97%

The expense ratio and net investment income ratio for the current period have been annualized.

¹ Calculated based on average shares outstanding.

² Distribution was less than \$0.0001 per share.

³ 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 six months ended June 30, 2023, and the years ended December 31, 2019, and 2018, there were no expense reductions.

⁴ The ratio of expenses to average net assets for the period net of reduction from custody fee offset arrangements was 0.15% and 0.14%, respectively.

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.

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 virtually 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 \$4.3 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, 2023, 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, 2023, the portfolio had contributed to Vanguard capital in the amount of \$45,000, 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.** The portfolio's custodian bank has agreed to reduce its fees when the portfolio maintains cash on deposit in the non-interest-bearing custody account. For the six months ended June 30, 2023, custodian fee offset arrangements reduced the portfolio's expenses by \$7,000 (an annual rate of less than 0.01% of average net assets).
- D. 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, 2023, 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.

E. As of June 30, 2023, gross unrealized appreciation and depreciation for investments based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	1,271,950
Gross Unrealized Appreciation	
Gross Unrealized Depreciation	
Net Unrealized Appreciation (Depreciation)	_

F. 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.

To the extent the portfolio's investment portfolio reflects concentration in a particular market, industry, sector, country or asset class, the portfolio may be adversely affected by the performance of these concentrations and may be subject to increased price volatility and other risks.

Credit risk is the risk that a counterparty to a transaction or an issuer of a financial instrument will fail to pay interest and principal when due, or that perceptions of the issuer's ability to make such payments will cause the price of an investment to decline. Investment in debt securities will generally increase credit risk.

At June 30, 2023, 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 87% 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, 2023, 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 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 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 reasonable compared with the average expense ratio charged by funds in its peer group and that the portfolio's advisory expenses were 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.

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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.



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