

# ANNUAL REPORT

## VIRTUS VARIABLE INSURANCE TRUST



December 31, 2020

Virtus Duff & Phelps Real Estate Securities Series<sup>\*</sup>

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Virtus KAR Capital Growth Series

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Virtus KAR Equity Income Series  
(f/k/a: Virtus Rampart Enhanced Core Equity Series)<sup>\*</sup>

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Virtus KAR Small-Cap Growth Series

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Virtus KAR Small-Cap Value Series

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Virtus Newfleet Multi-Sector Intermediate Bond Series

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Virtus SGA International Growth Series<sup>\*</sup>

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Virtus Strategic Allocation Series

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<sup>\*</sup>Prospectus supplement applicable to this series appears at the back of this annual report.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, you may no longer receive paper copies of the Series' shareholder reports from your insurance company unless you specifically request paper copies from the insurance company. If your insurance company elects to use this method of delivery, the shareholder reports will be made available on a website, and the insurance company will notify you by mail each time a report is posted and provide you with a website link to access the report. Instructions for requesting paper copies will be provided by your insurance company.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the insurance company electronically by following the instructions provided by the insurance company.

You may elect to receive paper copies of all future shareholder reports free of charge from the insurance company. You can do so by contacting the insurance company. Your election to receive reports in paper likely will apply to all of the funds available in your insurance product, but you should ask your insurance company whether this is the case.

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### Proxy Voting Procedures and Voting Record (Form N-PX)

The subadvisers vote proxies, if any, relating to portfolio securities in accordance with procedures that have been approved by the Board of Trustees of the Trust (“Trustees”, or the “Board”). You may obtain a description of these procedures, along with information regarding how the Series voted proxies during the most recent 12-month period ended June 30, free of charge, by calling toll-free 1-800-367-5877. This information is also available through the Securities and Exchange Commission’s (the “SEC”) website at <https://www.sec.gov>.

### PORTFOLIO HOLDINGS INFORMATION

The Trust files a complete schedule of portfolio holdings for each Series with the SEC for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT-P. Form N-PORT-P is available on the SEC’s website at <https://www.sec.gov>.

## MESSAGE TO SHAREHOLDERS

To Virtus Variable Insurance Trust Investors:



I am pleased to present this annual report, which reviews the performance of your Series for the 12 months ended December 31, 2020.

During 2020, the markets experienced unpredictable events and unforeseen challenges. The coronavirus pandemic effectively shut down the global economy in the early months of the year, leading to sharp market declines. Policymakers quickly introduced supportive monetary and fiscal measures that helped most asset classes recover and erase their first-quarter losses by the summer. Although financial markets saw renewed volatility in the autumn as the U.S. elections approached and COVID-19 cases rose, the year ended with optimism about new vaccines and strong financial market performance.

Despite the turmoil, many indexes were able to post positive returns for the 12 months ended December 31, 2020. U.S. large-capitalization stocks returned 18.40%, as measured by the S&P 500<sup>®</sup> Index. Small-cap stocks gained 19.96%, as measured by the Russell 2000<sup>®</sup> Index. Within international equities, developed markets returned 7.82%, as measured by the MSCI EAFE<sup>®</sup> Index (net), but were outpaced by emerging markets, which gained 18.31% for the year, as measured by the MSCI Emerging Markets Index (net).

In fixed income markets, monetary easing by the Federal Reserve drove interest rates lower for the year. The yield on the 10-year Treasury fell to 0.93% at December 31, 2020, from 1.92% on December 31, 2019. The broader U.S. fixed income market, as represented by the Bloomberg Barclays U.S. Aggregate Bond Index, returned 7.51%. Non-investment grade bonds were up 7.11% for the period, as measured by the Bloomberg Barclays U.S. Corporate High Yield Bond Index.

Our investment teams maintained their disciplined approach throughout this volatile year, and remain focused on helping you achieve your long-term goals. Whatever 2021 brings, you can depend on us to continue investing your assets with skill and care. To learn more about the other investment strategies we offer, please visit [Virtus.com](https://www.virtus.com).

On behalf of our investment managers, I thank you for entrusting Virtus with your assets. Please call our customer service team at 800-367-5877 if you have questions about your investment or require assistance. We appreciate your business and remain committed to your long-term financial success.

Sincerely,



George R. Aylward  
President, Virtus Variable Insurance Trust

February 2021

*Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above.*

**VIRTUS VARIABLE INSURANCE TRUST**  
**DISCLOSURE OF SERIES EXPENSES (Unaudited)**  
**FOR THE SIX-MONTH PERIOD OF JULY 1, 2020 TO DECEMBER 31, 2020**

We believe it is important for you to understand the impact of costs on your investment. All mutual funds have operating expenses. As an investor in a Virtus Variable Insurance Trust series (each, a "Series"), you incur ongoing costs, including investment advisory fees and other expenses. These examples are intended to help you understand your ongoing costs (in dollars) of investing in Series and to compare these costs with the ongoing costs of investing in other mutual funds. These examples are based on an investment of \$1,000 invested at the beginning of the period and held for the entire six-month period. The Annualized Expense Ratios may be different from the expense ratios in the Financial Highlights which are for the fiscal year ended December 31, 2020.

Please note that the expenses shown in the accompanying tables are meant to highlight your ongoing costs only and do not reflect additional fees and expenses associated with the annuity or life insurance policy through which you invest. Therefore, the accompanying tables are useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if the annuity or life insurance policy costs were included, your costs would have been higher. 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.

**Actual Expenses**

The table below provides information about actual account values and actual expenses. You may use the information below, 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 table under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

		<b>Beginning Account Value July 1, 2020</b>	<b>Ending Account Value December 31, 2020</b>	<b>Annualized Expense Ratio</b>	<b>Expenses Paid During Period*</b>
Duff & Phelps Real Estate Securities Series .....					
	Class A	\$1,000.00	\$1,139.80	1.13%	\$6.08
	Class I	1,000.00	1,140.50	0.88	4.73
KAR Capital Growth Series .....					
	Class A	1,000.00	1,291.70	1.03	5.93
KAR Equity Income Series .....					
	Class A	1,000.00	1,214.50	0.98	5.46
KAR Small-Cap Growth Series .....					
	Class A	1,000.00	1,301.80	1.16	6.71
	Class I	1,000.00	1,303.90	0.91	5.27
KAR Small-Cap Value Series .....					
	Class A	1,000.00	1,292.10	1.10	6.34
Newfleet Multi-Sector Intermediate Bond Series .....					
	Class A	1,000.00	1,073.20	0.94	4.90
	Class I	1,000.00	1,075.70	0.69	3.60
SGA International Growth Series .....					
	Class A	1,000.00	1,229.10	1.19	6.67
	Class I	1,000.00	1,230.10	0.94	5.27
Strategic Allocation Series .....					
	Class A	1,000.00	1,227.40	0.98	5.49

\* Expenses are equal to the relevant Series' annualized expense ratio, which is net of waived fees and reimbursed expenses, if applicable, multiplied by the average account value over the period, multiplied by the number of days (184) expenses were accrued in the most recent fiscal half-year, then divided by 366 to reflect the one-half year period.

For Series which may invest in other funds, the annualized expense ratios noted above do not reflect fees and expenses associated with any underlying funds. If such fees and expenses had been included, the expenses would have been higher.

You can find more information about a Series' expenses in the Financial Statements section that follows. For additional information on operating expenses and other shareholder costs, refer to that Series' prospectus.

**VIRTUS VARIABLE INSURANCE TRUST**  
**DISCLOSURE OF SERIES EXPENSES (Unaudited) (Continued)**  
**FOR THE SIX-MONTH PERIOD OF JULY 1, 2020 TO DECEMBER 31, 2020**

**Hypothetical Example for Comparison Purposes**

The table below provides information about hypothetical account values and hypothetical expenses based on a Series' actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not your Series' 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 your Series and other funds. To do so, compare these 5% hypothetical examples with the 5% hypothetical examples that appear in the shareholder reports of other mutual funds.

		<b>Beginning Account Value July 1, 2020</b>	<b>Ending Account Value December 31, 2020</b>	<b>Annualized Expense Ratio</b>	<b>Expenses Paid During Period*</b>
Duff & Phelps Real Estate Securities Series .....					
	Class A	\$1,000.00	\$1,019.46	1.13%	\$5.74
	Class I	1,000.00	1,020.71	0.88	4.47
KAR Capital Growth Series .....					
	Class A	1,000.00	1,019.96	1.03	5.23
KAR Equity Income Series .....					
	Class A	1,000.00	1,020.21	0.98	4.98
KAR Small-Cap Growth Series .....					
	Class A	1,000.00	1,019.30	1.16	5.89
	Class I	1,000.00	1,020.56	0.91	4.62
KAR Small-Cap Value Series .....					
	Class A	1,000.00	1,019.61	1.10	5.58
Newfleet Multi-Sector Intermediate Bond Series .....					
	Class A	1,000.00	1,020.41	0.94	4.77
	Class I	1,000.00	1,021.67	0.69	3.51
SGA International Growth Series .....					
	Class A	1,000.00	1,019.15	1.19	6.04
	Class I	1,000.00	1,020.41	0.94	4.77
Strategic Allocation Series .....					
	Class A	1,000.00	1,020.21	0.98	4.98

\* Expenses are equal to the relevant Series' annualized expense ratio, which is net of waived fees and reimbursed expenses, if applicable, multiplied by the average account value over the period, multiplied by the number of days (184) expenses were accrued in the most recent fiscal half-year, then divided by 366 to reflect the one-half year period.

For Series which may invest in other funds, the annualized expense ratios noted above do not reflect fees and expenses associated with any underlying funds. If such fees and expenses had been included, the expenses would have been higher.

You can find more information about a Series' expenses in the Financial Statements section that follows. For additional information on operating expenses and other shareholder costs, refer to that Series' prospectus.

**VIRTUS VARIABLE INSURANCE TRUST**  
**KEY INVESTMENT TERMS (Unaudited)**  
**DECEMBER 31, 2020**

***American Depositary Receipt (“ADR”)***

Represents shares of foreign companies traded in U.S. dollars on U.S. exchanges that are held by a U.S. bank or a trust. Foreign companies use ADRs in order to make it easier for Americans to buy their shares.

***Asset-Backed Securities (“ABS”)***

Asset-backed securities represent interests in pools of underlying assets such as motor vehicle installment sales or installment loan contracts, leases of various types of real and personal property, and receivables from credit card arrangements.

***Bloomberg Barclays U.S. Aggregate Bond Index***

The Bloomberg Barclays U.S. Aggregate Bond Index measures the U.S. investment-grade fixed-rate bond market. The index is calculated on a total return basis. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Bloomberg Barclays U.S. Corporate High Yield Bond Index***

The Bloomberg Barclays U.S. Corporate High Yield Bond Index measures the U.S. dollar-denominated, high yield, fixed-rate corporate bond market. The index is calculated on a total return basis. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Brexit***

A combination of the words “Britain” and “exit” which refers to Britain’s withdrawal from the European Union.

***Exchange-Traded Fund (“ETF”)***

An open-end fund that is traded on a stock exchange. Most ETFs have a portfolio of stocks or bonds that track a specific market index.

***Federal Reserve (the “Fed”)***

The Central Bank of the U.S., the Fed is responsible for controlling the money supply, interest rates, and credit with the goal of keeping the U.S. economy and currency stable. Governed by a seven-member board, the system includes 12 regional Federal Reserve Banks, 25 branches, and all national and state banks that are part of the system.

***FTSE Nareit Equity REITs Index***

The FTSE Nareit Equity REITs Index is a free-float market capitalization-weighted index measuring equity tax-qualified real estate investment trusts, which meet minimum size and liquidity criteria, that are listed on the New York Stock Exchange (“NYSE”), the American Stock Exchange and the NASDAQ National Market System. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Gross Domestic Product (“GDP”)***

The GDP represents the market value of all goods and services produced by the economy during the period measured, including personal consumption, government purchases, private inventories, paid-in construction costs, and the foreign trade balance.

***London Interbank Offered Rate (“LIBOR”)***

A benchmark rate that some of the world’s leading banks charge each other for short-term loans and that serves as the first step to calculating interest rates on various loans throughout the world.

***MSCI ACWI ex USA SMID Cap Index (net)***

The MSCI ACWI ex USA SMID Cap Index (net) is a free float-adjusted market capitalization-weighted index that measures mid- and small-cap performance across 22 of 23 Developed Market countries (excluding the U.S.) and 24 Emerging Markets countries. The index is calculated on a total return basis with net dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and is not available for direct investment.

***MSCI All Country World ex USA Index (net)***

The MSCI All Country World ex USA Index (net) is a free float-adjusted market capitalization-weighted index that measures equity performance of developed and emerging markets, excluding the United States. The index is calculated on a total return basis with net dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and is not available for direct investment.

**VIRTUS VARIABLE INSURANCE TRUST**  
**KEY INVESTMENT TERMS (Unaudited) (Continued)**  
**DECEMBER 31, 2020**

***MSCI EAFE® Index (net)***

The MSCI EAFE® (Europe, Australasia, Far East) Index (net) is a free float-adjusted market capitalization-weighted index that measures developed foreign market equity performance, excluding the U.S. and Canada. The index is calculated on a total return basis with net dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***MSCI Emerging Markets Index (net)***

The MSCI Emerging Markets Index (net) is a free float-adjusted market capitalization-weighted index designed to measure equity market performance in the global emerging markets. The index is calculated on a total return basis with net dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***MSCI USA High Dividend Yield Index (net)***

The MSCI USA High Dividend Yield Index is based on the MSCI USA Index, its parent index, and includes large and mid cap stocks. The index is designed to reflect the performance of equities in the parent index (excluding REITs) with higher dividend income and quality characteristics than average dividend yields that are both sustainable and persistent.

***Payment-in-Kind Security (“PIK”)***

A bond which pays interest in the form of additional bonds, or preferred stock which pays dividends in the form of additional preferred stock.

***Prime Rate***

The federal funds rate commercial banks charge their most creditworthy corporate customers.

***Real Estate Investment Trust (“REIT”)***

A publicly traded company that owns, develops, and operates income-producing real estate such as apartments, office buildings, hotels, shopping centers, and other commercial properties.

***Risk Assets***

Risk assets are those that tend to demonstrate price volatility, such as equities, high yield bonds, currencies, and commodities.

***Russell 1000® Growth Index***

The Russell 1000® Growth Index is a market capitalization-weighted index of growth-oriented stocks of the 1,000 largest companies in the Russell Universe, which comprises the 3,000 largest U.S. companies. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Russell 2000® Growth Index***

The Russell 2000® Growth Index is a market capitalization-weighted index of growth-oriented stocks of the smallest 2,000 companies in the Russell Universe, which comprises the 3,000 largest U.S. companies. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Russell 2000® Index***

The Russell 2000® Index is a market capitalization-weighted index of the 2,000 smallest companies in the Russell Universe, which comprises the 3,000 largest U.S. companies. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Russell 2000® Value Index***

The Russell 2000® Value Index is a market capitalization-weighted index of value-oriented stocks of the smallest 2,000 companies in the Russell Universe, which comprises the 3,000 largest U.S. companies. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.



**VIRTUS VARIABLE INSURANCE TRUST**  
**KEY INVESTMENT TERMS (Unaudited) (Continued)**  
**DECEMBER 31, 2020**

***S&P 500® Index***

The S&P 500® Index is a free-float market capitalization-weighted index of 500 of the largest U.S. companies. The index is calculated on a total return basis with dividends reinvested. The index is unmanaged, its returns do not reflect any fees, expenses, or sales charges, and it is not available for direct investment.

***Sponsored ADR***

An ADR which is issued with the cooperation of the company whose stock will underlie the ADR. Sponsored ADRs generally carry the same rights normally given to stockholders, such as voting rights. ADRs must be sponsored to be able to trade on a major U.S. exchange such as the New York Stock Exchange ("NYSE").

***Strategic Allocation Series Linked Benchmark***

Effective June 4, 2019, the Strategic Allocation Series Linked Benchmark consists of an allocation of 45% Russell 1000® Growth Index, 15% MSCI ACWI ex USA SMID Cap Index, and 40% Bloomberg Barclays U.S. Aggregate Bond Index. Performance of the Strategic Allocation Series Linked Benchmark from September 7, 2016, to June 3, 2019, consists of an allocation of 45% Russell 1000® Growth Index, 15% MSCI EAFE® Index, and 40% Bloomberg Barclays U.S. Aggregate Bond Index; and performance of the Strategic Allocation Series Linked Benchmark prior to September 7, 2016, consists of an allocation of 60% S&P 500® Index and 40% Bloomberg Barclays U.S. Aggregate Bond Index. The indexes are unmanaged and not available for direct investment.

***Yield Curve***

A line that plots the interest rates, at a set point in time, of bonds having equal credit quality, but differing maturity dates. The most frequently reported yield curve compares the three-month, two-year, five-year and 30-year U.S. Treasury debt. This yield curve is used as a benchmark for other debt in the market, such as mortgage rates or bank lending rates. The curve is also used to predict changes in economic output and growth.



# Duff & Phelps Real Estate Securities Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Duff & Phelps Investment Management Co.

■ The Series is diversified and has investment objectives of capital appreciation and income with approximately equal emphasis. *There is no guarantee that the Series will meet its objectives.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned -1.55% and Class I shares at NAV returned -1.33%. For the same period, the FTSE Nareit Equity REITs Index, which serves as the Series' broad-based and style-specific benchmark appropriate for comparison, returned -8.00%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The S&P 500<sup>®</sup> Index delivered a strong recovery from its COVID-19-driven March 2020 lows. The market benefited from significant monetary and fiscal stimulus and was led by a sharp upward move in technology stocks. Real Estate Investment Trusts (REITs) recovered as well, yet the sector remained a laggard for the year due to the impact of COVID-19. In the fourth quarter of 2020, the FTSE Nareit Equity REITs Index rose 11.6%, which was close to the S&P 500<sup>®</sup> Index's 12.1% increase, but not enough to offset the prior underperformance. With the positive vaccine announcements on November 9, 2020, a rotation ensued in the broader market and REIT space in which those property sectors that had been most adversely impacted by COVID-19 began to outperform, driving them to be quarterly leaders. These sectors included lodging, regional malls, and shopping centers in REITs. The performance of the

S&P 500<sup>®</sup> Index was led by energy and financials in the fourth quarter, both of which had also been year-to-date laggards. Within REITs and the broader market, even after the quarterly outperformance, these particular sectors remained the 2020 laggards. Conversely, three of the previous year-to-date winners in the REIT space became the biggest laggards in the fourth quarter: data centers, industrial/logistics, and manufactured homes, as did cell towers. For the full year, data centers, self storage, and industrial/logistics were the best-performing sectors in REITs, while technology was the big winner in the S&P 500<sup>®</sup> Index.

### What factors affected the Series' performance during its fiscal year?

For the fiscal year ended December 31, 2020, the Series benefited from both security selection and property sector allocation, which helped the Series outperform its benchmark, the FTSE Nareit Equity REITs Index.

Data centers, self storage, and industrial/logistics delivered the best total returns for the fiscal year. The worst-performing property sectors were regional malls, shopping centers, and lodging.

The three best-performing sectors benefited from increased demand as a result of COVID-19, as well as cash flow streams that were more resilient than those of other sectors. Increased work-from-home activity and rapidly accelerating online shopping increased the demand for data centers, while the growth in e-commerce also benefited industrial/logistics. Conversely, the three worst-performing property sectors were directly impacted by stay-at-home orders, which closed much of the economy, and the increased risk of COVID-19 spread. However, with the positive vaccine announcements in early November and the attendant increased prospects for the economy to open and recover, these sectors became the best performers for the fourth quarter of 2020.

Relative to the Series' outperformance versus its benchmark, the most significant individual positive contributors among the 12 of 14 property sectors that made a positive contribution were security selection within specialty, and the Series' underweight allocation and security selection in diversified. The only two detractors on a relative

basis were security selection in apartments and an underweight allocation to self storage.

*The preceding information is the opinion of portfolio management only through the end of the period stated on the cover. Any such opinions are subject to change at any time based upon market or other conditions and should not be relied upon as investment advice. Past performance is no guarantee of future results, and there is no guarantee that market forecasts will be realized.*

**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Real Estate:** The Series may be negatively affected by factors specific to the real estate market, including interest rates, leverage, property, and management.

**Industry/Sector Concentration:** A series that focuses its investments in a particular industry or sector will be more sensitive to conditions that affect that industry or sector than a non-concentrated series.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

### Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Industrial/Office	24%
Residential	22
Retail	14
Data Centers	12
Health Care	10
Self Storage	7
Lodging/Resorts	4
Other (includes short-term investment)	7
Total	<u>100%</u>

# Duff & Phelps Real Estate Securities Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

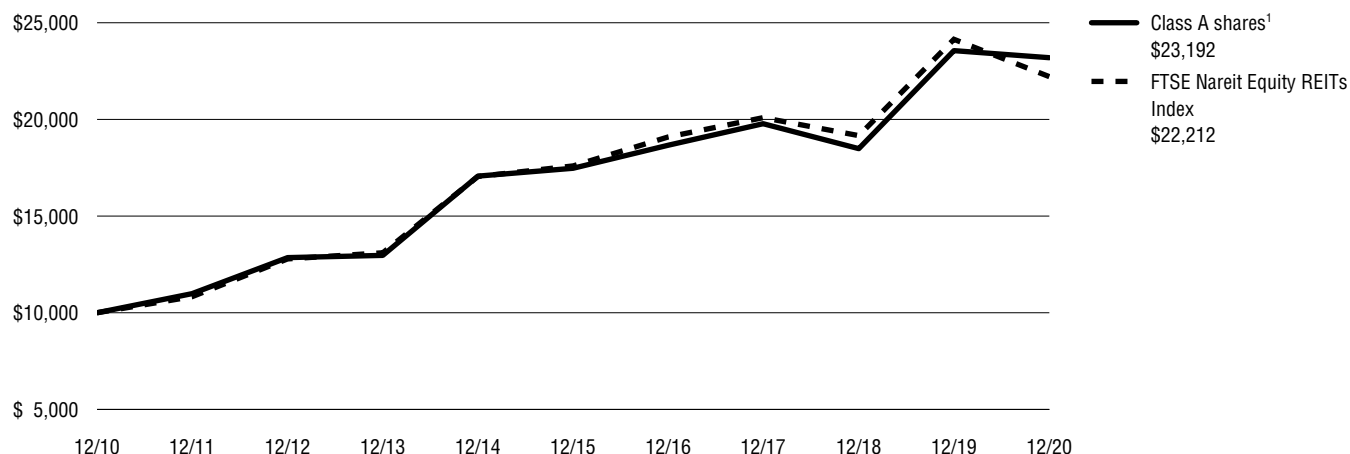
	1 Year	5 Years	10 Years	Since inception	Inception date
<b>Class A shares at NAV<sup>2</sup></b>	<b>-1.55%</b>	<b>5.83%</b>	<b>8.78%</b>	<b>—%</b>	<b>—</b>
<b>Class I shares at NAV<sup>2</sup></b>	<b>-1.33</b>	<b>6.08</b>	<b>—</b>	<b>6.57</b>	<b>4/30/13</b>
<b>FTSE Nareit Equity REITs Index</b>	<b>-8.00</b>	<b>4.77</b>	<b>8.31</b>	<b>5.47<sup>3</sup></b>	<b>—</b>

**Series Expense Ratios<sup>4</sup>:** Class A shares: Gross 1.20%, Net 1.10%; Class I shares: Gross 0.95%, Net 0.85%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. The performance of the other share class may be greater or less than that shown based on differences in inception dates, fees, and sales charges. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The since inception index return is from the inception date of Class I shares.

<sup>4</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2022. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.

# KAR Capital Growth Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Kayne Anderson Rudnick Investment Management, LLC

■ The Series is diversified and has an investment objective of long-term growth of capital. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 50.23%. For the same period, the Russell 1000<sup>®</sup> Growth Index, which serves as the Series' broad-based and style-specific benchmark appropriate for comparison, returned 38.49%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

#### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The year 2020 was one for the history books. During the first quarter, investors went for a roller coaster ride, as markets around the world declined due to the COVID-19 pandemic, which necessitated an almost complete shutdown of economic activity. After a nosedive first quarter of 2020, the S&P 500<sup>®</sup> Index recovered in the following three months to have its best quarter in over 20 years, erasing most of the first-quarter loss. With aggressive stimulus from governments around the world flowing into the markets as a backstop to the global health crisis, the S&P 500<sup>®</sup> Index made a new high in the third quarter of 2020, just 103 days after sliding 35%. That is the fastest-ever recovery from a decline greater than 30%. Equities continued their remarkable recovery in the fourth quarter of 2020, with the S&P 500<sup>®</sup> Index advancing 12.15%, bringing the full year return to 18.40%. Small-cap stocks, as measured by the Russell 2000<sup>®</sup> Index, had their best quarter ever in the fourth quarter, advancing 31.37%, which resulted

in a return of 19.96% for the year. Risk assets across the board had a strong finish to the year with election uncertainty largely removed and with positive news on the efficacy of COVID-19 vaccines.

#### What factors affected the Series' performance during its fiscal year?

The Series outperformed its benchmark, the Russell 1000<sup>®</sup> Growth Index, for the fiscal year ended December 31, 2020. Strong stock selection in information technology and industrials contributed positively to performance. Poor stock selection in consumer discretionary, as well as poor stock selection and an overweight in financials, detracted from performance.

The biggest contributors to performance during the period were Amazon.com and Bill.com.

- **Amazon** continued on its growth trajectory, powered by its wide-moat e-commerce business and dominant web services offering, Amazon Web Services (AWS). Amazon delivered strong quarterly revenue growth throughout 2020 that many investors expected, as stay-at-home restrictions helped the company capture an even greater share of consumer spending. Its AWS business also benefited, as many of the most disruptive, digitally distributed and e-commerce-based businesses run on AWS. Prime member retention was strong, with high purchase frequency and growing purchase size during the period.

- **Bill.com** reported healthy growth during the period, as small businesses continued to leverage the company's invoice and payment processing technology to help them navigate the work-from-home environment.

- Other top contributors included **Trade Desk**, **NVIDIA**, and **Avalara**.

The biggest detractors from performance during the period were Bank of America and Las Vegas Sands.

- **Bank of America** generates over 50% of its income from interest, which came under pressure from the Federal Reserve's (the Fed's) decision to cut interest rates in March of 2020. Despite the fact that the bank has exemplary credit ratios, it voluntarily agreed to suspend share repurchases to ensure liquidity during the COVID-19 crisis. This removed a critical source of support from the company's share price. We believe higher interest rates and the reopening of the economy should provide more favorable tailwinds going forward. Therefore, we continued to hold the stock as of the end of the fiscal year.

- **Las Vegas Sands'** stock suffered during the period, as COVID-19 forced casinos to close. When they

re-opened, traffic was slow to return, as demand remained subdued. While Las Vegas Sands faces a significant revenue shortfall due to the pandemic, we do not believe gaming demand is structurally impaired. We think the casino's balance sheet is still robust enough for it to weather this downturn, and we continued to hold the stock as of the end of the period.

- Other top detractors included **Charles Schwab**, **Ross Stores**, and **Philip Morris International**.

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**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

#### Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Information Technology	36%
Consumer Discretionary	24
Communication Services	13
Industrials	10
Financials	5
Health Care	5
Consumer Staples	5
Other	2
Total	<u>100%</u>

# KAR Capital Growth Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

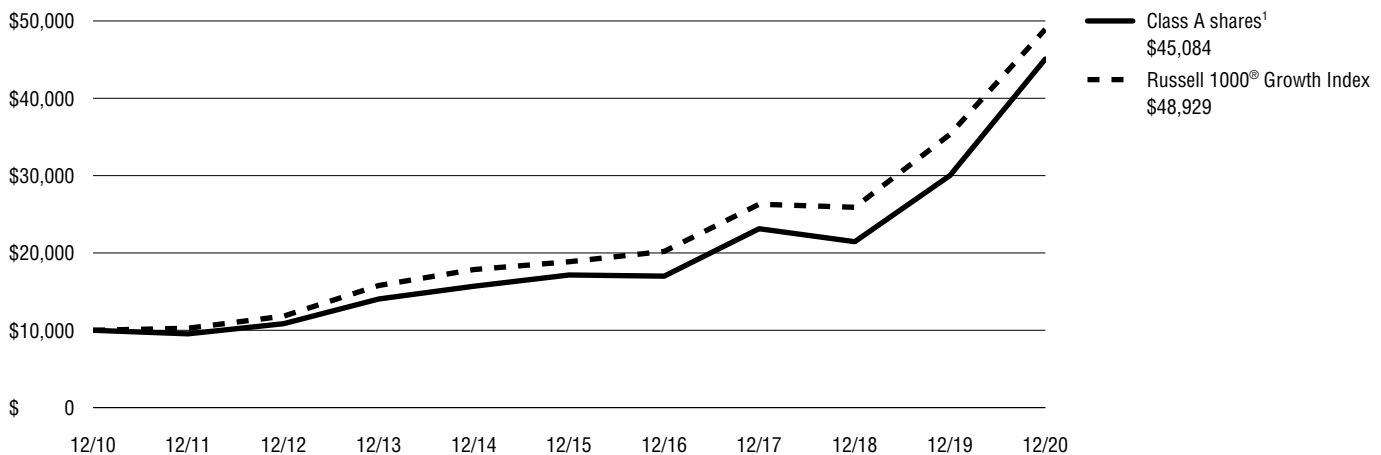
	1 Year	5 Years	10 Years
<b>Class A shares at NAV<sup>2</sup></b>	<b>50.23%</b>	<b>21.33%</b>	<b>16.25%</b>
<b>Russell 1000<sup>®</sup> Growth Index</b>	<b>38.49</b>	<b>21.00</b>	<b>17.21</b>

**Series Expense Ratios<sup>3</sup>:** Class A shares: Gross 1.11%, Net 1.03%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2021. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.

# KAR Equity Income Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Kayne Anderson Rudnick Investment Management, LLC

■ The Series is diversified and has investment objectives of capital appreciation and current income. *There is no guarantee that the Series will meet its objectives.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 14.91%. For the same period, the MSCI USA High Dividend Yield Index (net), which serves as both the Series' broad-based and style-specific index appropriate for the comparison, returned 0.62%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The year 2020 was one for the history books. During the first quarter, investors went for a roller coaster ride, as markets around the world declined due to the COVID-19 pandemic, which necessitated an almost complete shutdown of economic activity. After a nosedive first quarter of 2020, the S&P 500<sup>®</sup> Index recovered in the following three months to have its best quarter in over 20 years, erasing most of the first-quarter loss. With aggressive stimulus from governments around the world flowing into the markets as a backstop to the global health crisis, the S&P 500<sup>®</sup> Index made a new high in the third quarter of 2020, just 103 days after sliding 35%. That is the fastest-ever recovery from a decline greater than 30%. Equities continued their remarkable recovery in the fourth quarter of 2020, with the S&P 500<sup>®</sup> Index

advancing 12.15%, bringing the full year return to 18.40%. Small-cap stocks, as measured by the Russell 2000<sup>®</sup> Index, had their best quarter ever in the fourth quarter, advancing 31.37%, which resulted in a return of 19.96% for the year. Risk assets across the board had a strong finish to the year with election uncertainty largely removed and with positive news on the efficacy of COVID-19 vaccines.

### What factors affected the Series' performance during its fiscal year?

*Kayne Anderson Rudnick Investment Management, LLC ("KAR") became the subadviser of the Series effective September 1, 2020. Performance of the Series prior thereto is that of a different manager.*

The Series outperformed its benchmark, the MSCI USA High Dividend Yield Index (net), for the fiscal year ended December 31, 2020. Strong stock selection in information technology and communication services contributed positively to performance. An underweight in consumer staples and poor stock selection in real estate detracted from performance.

The biggest contributors to performance during the period were Apple and Amazon.com.

- **Apple** and **Amazon** were holdings of the prior investment manager of the Series.
- Other top contributors included **Microsoft** (holding of the prior manager), **PNC Financial Services Group**, and **Bank of Hawaii**.

The biggest detractors from performance during the period were Watsco and Wells Fargo.

- After strong stock performance for **Watsco** earlier in the year, driven by strong demand for in-home HVAC systems and a new information technology platform, Watsco's stock declined as investors rotated into stocks that had struggled earlier in the year and stood to benefit from the new COVID-19 vaccines. We continued to hold the stock through the end of the fiscal year.
- **Wells Fargo** was a holding of the prior investment manager of the Series.
- Other top detractors included **Kimberly-Clark**, **JPMorgan Chase** (holding of prior manager) and **Exxon Mobil** (holding of prior manager).

*The preceding information is the opinion of portfolio management only through the end of the period*

*stated on the cover. Any such opinions are subject to change at any time based upon market or other conditions and should not be relied upon as investment advice. Past performance is no guarantee of future results, and there is no guarantee that market forecasts will be realized.*

**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Limited Number of Investments:** Because the Series has a limited number of securities, it may be more susceptible to factors adversely affecting its securities than a series with a greater number of securities.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

### Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Industrials	15%
Health Care	14
Financials	12
Information Technology	12
Consumer Staples	11
Communication Services	10
Utilities	10
Other (includes short-term investment)	16
Total	100%



# KAR Equity Income Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

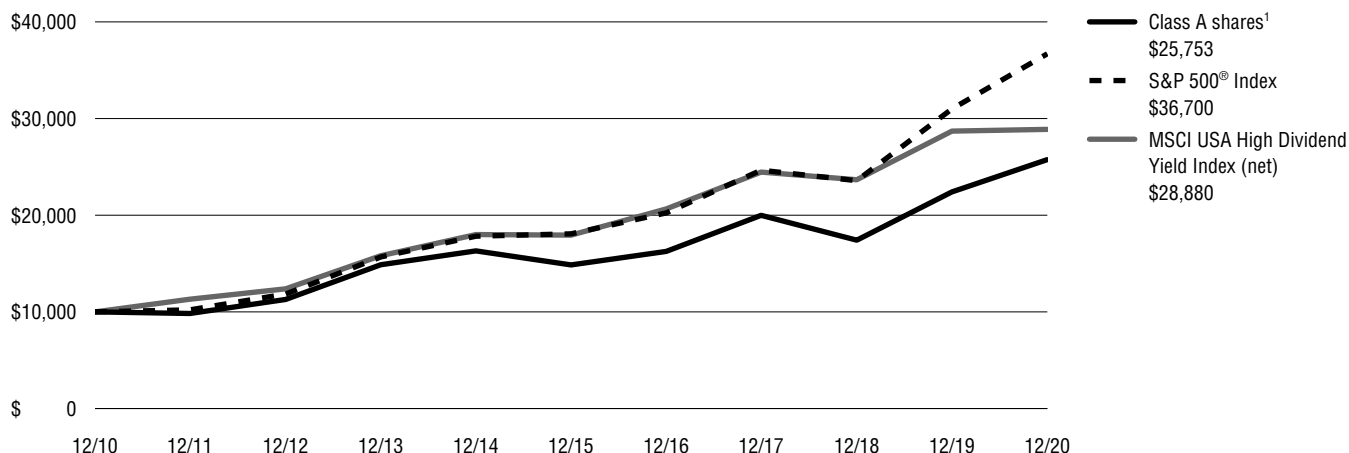
	1 Year	5 Years	10 Years
<b>Class A shares at NAV<sup>2</sup></b>	<b>14.91%</b>	<b>11.63%</b>	<b>9.92%</b>
<b>S&amp;P 500<sup>®</sup> Index<sup>*</sup></b>	<b>18.40</b>	<b>15.22</b>	<b>13.88</b>
<b>MSCI USA High Dividend Yield Index (net)</b>	<b>0.62</b>	<b>9.99</b>	<b>11.19</b>

**Series Expense Ratios<sup>3</sup>:** Class A shares: Gross 1.14%, Net 0.99%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



\* The Series changed its primary benchmark during the year to the MSCI USA High Dividend Yield Index (net). The Series' new subadviser believes the MSCI USA High Dividend Yield Index (net) better reflects the markets and securities in which the Series is invested than the Series' previous benchmark, the S&P 500<sup>®</sup> Index.

<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2022. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.

# KAR Small-Cap Growth Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Kayne Anderson Rudnick Investment Management, LLC

■ The Series is diversified and has an investment objective of long-term capital growth. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 44.64% and Class I shares at NAV returned 45.02%. For the same period, the Russell 2000® Growth Index, which serves as the Series' broad-based and style-specific benchmark appropriate for comparison, returned 34.63%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

#### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The year 2020 was one for the history books. During the first quarter, investors went for a roller coaster ride, as markets around the world declined due to the COVID-19 pandemic, which necessitated an almost complete shutdown of economic activity. After a nosedive first quarter of 2020, the S&P 500® Index recovered in the following three months to have its best quarter in over 20 years, erasing most of the first-quarter loss. With aggressive stimulus from governments around the world flowing into the markets as a backstop to the global health crisis, the S&P 500® Index made a new high in the third quarter of 2020, just 103 days after sliding 35%. That is the fastest-ever recovery from a decline greater than 30%. Equities continued their remarkable recovery in the fourth quarter of 2020, with the S&P 500® Index advancing 12.15%, bringing the full year return to 18.40%. Small-cap stocks, as measured by the Russell 2000® Index, had their best quarter ever in the fourth quarter, advancing 31.37%, which resulted in a return of 19.96% for the year. Risk assets across

the board had a strong finish to the year with election uncertainty largely removed and with positive news on the efficacy of COVID-19 vaccines.

#### What factors affected the Series' performance during its fiscal year?

The Series outperformed its benchmark, the Russell 2000® Growth Index, for the fiscal year ended December 31, 2020. Strong stock selection and an overweight in information technology, as well as strong stock selection and an underweight in industrials, contributed positively to performance. Poor stock selection and an underweight in health care, as well as an overweight in communication services, detracted from performance.

The biggest contributors to performance during the period were BlackLine and Ollie's Bargain Outlet.

- **BlackLine** operates a cloud-based software platform that supports critical accounting processes for businesses such as the financial close, account reconciliations, intercompany accounting, and controls assurance. The company reported strong results during the period, with both enterprise and mid-market strength. Most importantly, its retention rates remained strong.

- **Ollie's Bargain Outlet** performed well based on its capacity to remain open throughout the COVID-19 pandemic. The stock traded higher, fueled by investor expectations that increased and opportunistic deal flow could yield strong bargains for the company's customers, and that Ollie's is likely to be in a fundamentally stronger business position after the pandemic ends.

- Other top contributors included **Bill.com**, **Old Dominion Freight Line**, and **DocuSign**.

The biggest detractors from performance during the period were The Chefs' Warehouse and Rightmove.

- **The Chefs' Warehouse**, along with all other food distributors, was severely negatively impacted in 2020 by the closures of in-person dining locations. Our analysis shows that the company has sufficient liquidity and no debt maturities until 2022. We continue to view the business as possessing unique scale and distribution in the specialty markets it serves, and continued to hold the stock as of the end of the fiscal year.

- **Rightmove's** business was impacted by intermittent stay-at-home orders in the U.K. in response to the COVID-19 pandemic. In response, the company extended discounts to its customers, which led to a significant contraction in Rightmove's business. We continued to hold the stock through the end of the fiscal year.

- Other top detractors included **National Research**, **Oportun Financial Group**, and **Auto Trader Group**.

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**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Foreign Investing:** Investing in foreign securities subjects the Series to additional risks such as increased volatility, currency fluctuations, less liquidity, and political, regulatory, economic, and market risk.

**Limited Number of Investments:** Because the Series has a limited number of securities, it may be more susceptible to factors adversely affecting its securities than a series with a greater number of securities.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

#### Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Information Technology	34%
Communication Services	17
Financials	16
Consumer Discretionary	12
Industrials	9
Health Care	5
Consumer Staples	4
Short-Term Investment	3
Total	<u>100%</u>



# KAR Small-Cap Growth Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

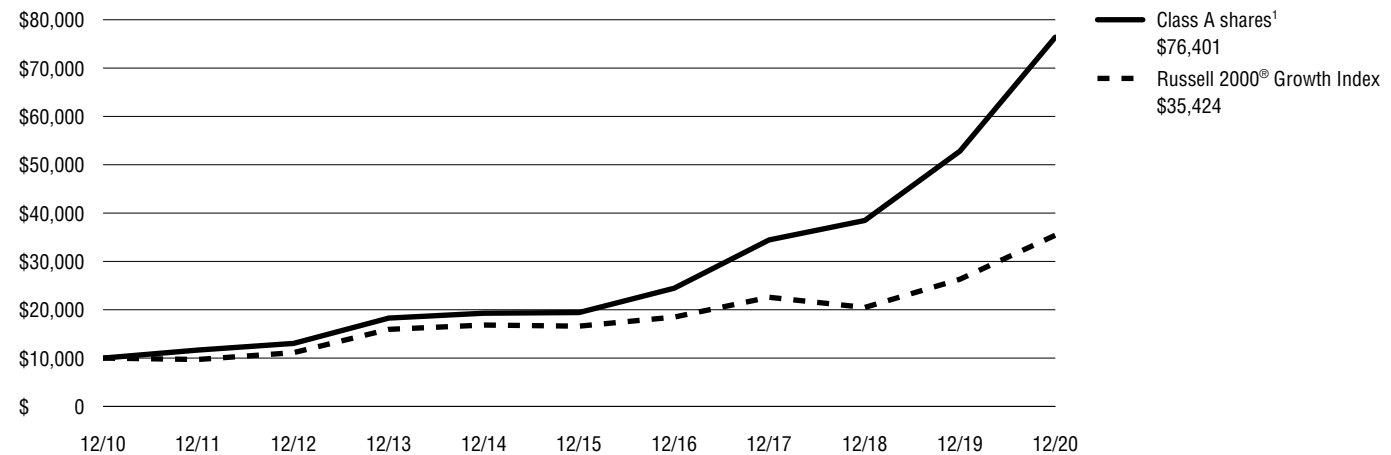
	1 Year	5 Years	10 Years	Since inception	Inception date
<b>Class A shares at NAV<sup>2</sup></b>	<b>44.64%</b>	<b>31.51%</b>	<b>22.55%</b>	<b>—%</b>	<b>—</b>
<b>Class I shares at NAV<sup>2</sup></b>	<b>45.02</b>	<b>31.84</b>	<b>—</b>	<b>24.49</b>	<b>4/30/13</b>
<b>Russell 2000<sup>®</sup> Growth Index</b>	<b>34.63</b>	<b>16.36</b>	<b>13.48</b>	<b>14.52<sup>3</sup></b>	<b>—</b>

**Series Expense Ratios<sup>4</sup>:** Class A shares: Gross 1.28%, Net 1.16%; Class I shares: Gross 1.03%, Net 0.91%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. The performance of the other share class may be greater or less than that shown based on differences in inception dates, fees, and sales charges. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The since inception index return is from the inception date of Class I shares.

<sup>4</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2021. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

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# KAR Small-Cap Value Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Kayne Anderson Rudnick Investment Management, LLC

■ The Series is diversified and has an investment objective of long-term capital appreciation. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 29.65%. For the same period, the Russell 2000® Value Index, which serves as the Series' broad-based and style-specific benchmark appropriate for comparison, returned 4.63%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

#### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The year 2020 was one for the history books. During the first quarter, investors went for a roller coaster ride, as markets around the world declined due to the COVID-19 pandemic, which necessitated an almost complete shutdown of economic activity. After a nosedive first quarter of 2020, the S&P 500® Index recovered in the following three months to have its best quarter in over 20 years, erasing most of the first-quarter loss. With aggressive stimulus from governments around the world flowing into the markets as a backstop to the global health crisis, the S&P 500® Index made a new high in the third quarter of 2020, just 103 days after sliding 35%. That is the fastest-ever recovery from a decline greater than 30%. Equities continued their remarkable recovery in the fourth quarter of 2020, with the S&P 500® Index advancing 12.15%, bringing the full year return to 18.40%. Small-cap stocks, as measured by the Russell 2000® Index, had their best quarter ever in the fourth quarter, advancing 31.37%, which resulted in a return of 19.96% for the year. Risk assets across

the board had a strong finish to the year with election uncertainty largely removed and with positive news on the efficacy of COVID-19 vaccines.

#### What factors affected the Series' performance during its fiscal year?

The Series outperformed its benchmark, the Russell 2000® Value Index, for the fiscal year ended December 31, 2020. Strong stock selection and an underweight in financials, as well as strong stock selection and an overweight in industrials, contributed positively to performance. Poor stock selection and an underweight in health care, and poor stock selection in communication services, detracted from performance.

The biggest contributors to performance during the period were Scotts Miracle-Gro and Brooks Automation.

- Throughout 2020, **Scotts Miracle-Gro** continued to see high demand for its gardening products due to lockdowns, and executed well to meet the unprecedented demand.
- **Brooks Automation's** execution continued to be strong, with healthy demand on the capital equipment side for its differentiated products. Additionally, the company's Life Sciences division showed a strong recovery across products and services, coupled with an improvement in profitability.
- Other top contributors included **National Beverage**, **SiteOne Landscape Supply**, and **CoreLogic**.

The biggest detractors from performance during the period were Cinemark and Bank of Hawaii.

- **Cinemark** experienced pressure due to the widespread shelter-in-place orders across geographies. The impact of social distancing requirements, the shifting of blockbuster movie releases to future dates, and the accompanying new release distribution experiments (direct-to-streaming) all resulted in increased uncertainty to Cinemark's business. We sold our position in the stock during the reporting period.
- By the end of the fiscal year, **Bank of Hawaii's** shares still had not recovered from the sharp selloff at the end of the first quarter due to COVID-19. The ongoing pandemic and strict quarantine restrictions in Hawaii brought tourism to a standstill and caused a significant uptick in unemployment. While we expect the impact of the pandemic to remain a meaningful near-term headwind for the Hawaiian economy, we think Bank of Hawaii's conservative balance sheet will allow it to navigate this tough environment. Of additional importance, we expect the favorable competitive environment in Hawaii to remain intact during this crisis and after things return to normal. Therefore, we continued to hold the stock as of the end of the fiscal year.

- Other top detractors included **Cass Information Systems**, **The Cheesecake Factory**, and **Anika Therapeutics**.

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**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Limited Number of Investments:** Because the Series has a limited number of securities, it may be more susceptible to factors adversely affecting its securities than a series with a greater number of securities.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

#### Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Industrials	37%
Financials	15
Consumer Discretionary	14
Information Technology	13
Consumer Staples	8
Materials	7
Real Estate	4
Other	2
Total	<u>100%</u>

# KAR Small-Cap Value Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

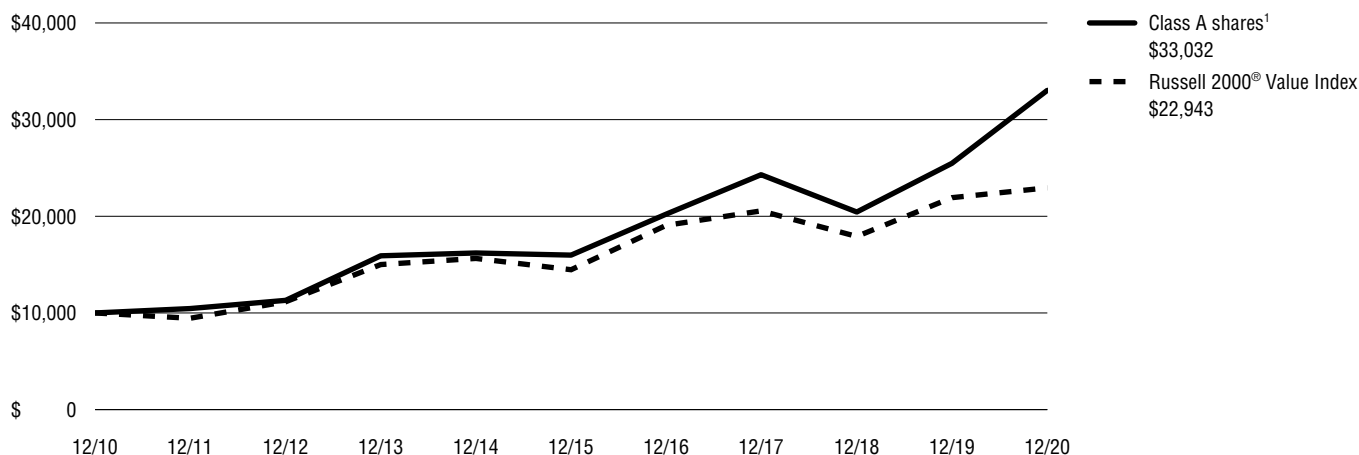
	1 Year	5 Years	10 Years
<b>Class A shares at NAV<sup>2</sup></b>	<b>29.65%</b>	<b>15.63%</b>	<b>12.69%</b>
<b>Russell 2000<sup>®</sup> Value Index</b>	<b>4.63</b>	<b>9.65</b>	<b>8.66</b>

**Series Expense Ratios<sup>3</sup>:** Class A shares: Gross 1.34%, Net 1.10%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2021. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.

# Newfleet Multi-Sector Intermediate Bond Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Newfleet Asset Management, LLC

■ The Series is diversified and has an investment objective of long-term total return. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 6.53%<sup>†</sup> and Class I shares at NAV returned 6.78%. For the same period, the Bloomberg Barclays U.S. Aggregate Bond Index, which serves as the broad-based and style-specific benchmark index appropriate for comparison, returned 7.51%.

<sup>†</sup> See footnote 3 on page 19.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

### How did the markets perform during the Series' fiscal year ended December 31, 2020?

The 12-month period included a variety of market conditions, but the most influential were the emergence of a global pandemic, the associated economic and earnings fallout, and both the fiscal and monetary policy response. The U.S. presidential election, a trade deal between the U.K. and the European Union (EU), and announcements from the scientific community marked the final quarter of the fiscal year. Global markets responded with optimism to the potential for turning the page on the COVID-19 pandemic that dominated the year.

The first quarter of 2020 saw volatility spike to levels not reached since the financial crisis of 2008-09. The quarter will be remembered for the emergence of COVID-19 as the first global pandemic since the H1N1 swine flu of 2009-10. The ultimate human and economic toll are still unknown, as the event continues to unfold, however, governments and central banks responded in unprecedented fashion to help blunt the effects of the virus. The containment

measures implemented through the end of the fiscal year were unambiguously negative for local, regional, and global economic growth. However, markets rebounded from the lows they reached during the second quarter of 2020.

The spread of the coronavirus, its negative effect on global economic growth, and the fear it created in the market caused fixed income spreads to widen significantly during March. Valuations cheapened meaningfully, reaching levels not seen since 2008-09. Cheaper valuations and an active approach by both monetary and fiscal authorities proved a powerful combination, setting the stage for improved financial market performance off the March 2020 lows. We sought to take advantage of the market volatility by following the same investment approach we have implemented for close to three decades.

During the first quarter of 2020, U.S. Treasuries outperformed spread sectors. The underperformers were led by higher-volatility sectors such as corporate high yield, bank loans, and emerging market debt. In the nine months since, the fixed income markets experienced a significant rebound, with spread sectors outperforming U.S. Treasuries led by those sectors that experienced the greatest degree of underperformance during the first quarter.

The Federal Reserve (the Fed) lowered its target interest rate twice during the 12-month period. On two separate occasions in March, in response to the pandemic, the Fed cut by a total of 1.25% to a range of 0–0.25%.

During the 12-month period, the Treasury yield curve steepened, shifting broadly lower, more so on the front end.

### What factors affected the Series' performance during its fiscal year?

Among fixed income sectors, the Series' allocation to non-agency residential mortgage-backed securities versus agency mortgage-backed securities positively contributed to performance for the fiscal year ended December 31, 2020. Issue selection within taxable municipal securities, as well as the Series' allocations to the corporate high yield and corporate high-quality sectors, were also beneficial during the period.

The Series' underweight to U.S. Treasuries, which outperformed most spread sectors, had a negative impact on performance for the fiscal year. The Series'

allocations to high yield bank loans and emerging market high yield also detracted from performance during the period.

*The preceding information is the opinion of portfolio management only through the end of the period stated on the cover. Any such opinions are subject to change at any time based upon market or other conditions and should not be relied upon as investment advice. Past performance is no guarantee of future results, and there is no guarantee that market forecasts will be realized.*

**Credit & Interest:** Debt instruments are subject to various risks, including credit and interest rate risk. The issuer of a debt security may fail to make interest and/or principal payments. Values of debt instruments may rise or fall in response to changes in interest rates, and this risk may be enhanced with longer-term maturities.

**High Yield Fixed Income Securities:** There is a greater risk of issuer default, less liquidity, and increased price volatility related to high yield securities than investment grade securities.

**Bank Loans:** Loans may be unsecured or not fully collateralized, may be subject to restrictions on resale and/or trade infrequently on the secondary market. Loans are subject to credit and call risk, may be difficult to value, and have longer settlement times than other investments, which can make loans relatively illiquid at times.

**Foreign & Emerging Markets:** Investing in foreign securities, especially in emerging markets, subjects the Series to additional risks such as increased volatility, currency fluctuations, less liquidity, and political, regulatory, economic, and market risk.

**ABS/MBS:** Changes in interest rates can cause both extension and prepayment risks for asset- and mortgage-backed securities. These securities are also subject to risks associated with the non-repayment of underlying collateral, including losses to the Series.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

# Newfleet Multi-Sector Intermediate Bond Series (Continued)

**Prospectus:** For additional information on risks, please see the Series' prospectus.

## Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Corporate Bonds and Notes	46%
Financials	9%
Energy	7
Communication Services	5
Consumer Discretionary	4
Industrials	4
Materials	4
Information Technology	3
All other Corporate Bonds and Notes	10
Mortgage-Backed Securities	16
Asset-Backed Securities	11
Leveraged Loans	10
Foreign Government Securities	8
U.S. Government Securities	3
Exchange-Traded Funds	3
Other (includes securities lending collateral)	3
Total	<u>100%</u>

# Newfleet Multi-Sector Intermediate Bond Series (Continued)

## Average Annual Total Returns<sup>1</sup> for periods ended 12/31/20

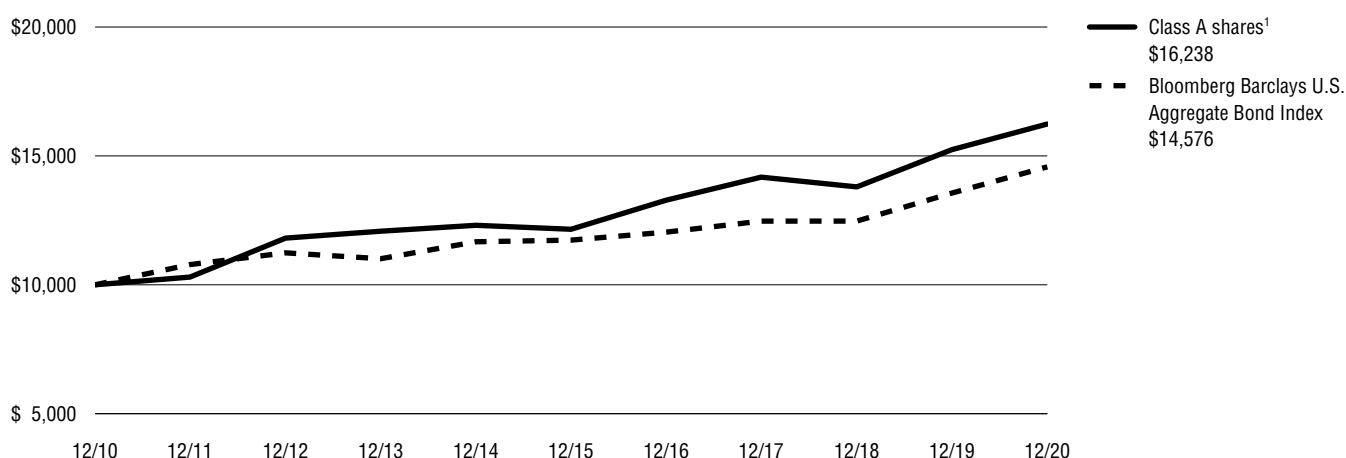
	1 Year	5 Years	10 Years	Since inception	Inception date
<b>Class A shares at NAV<sup>2</sup></b>	<b>6.53%<sup>3</sup></b>	<b>5.97%</b>	<b>4.97%</b>	<b>—%</b>	<b>—</b>
<b>Class I shares at NAV<sup>2</sup></b>	<b>6.78</b>	<b>6.24</b>	<b>—</b>	<b>4.05</b>	<b>4/30/13</b>
<b>Bloomberg Barclays U.S. Aggregate Bond Index</b>	<b>7.51</b>	<b>4.44</b>	<b>3.84</b>	<b>3.33<sup>4</sup></b>	<b>—</b>

**Series Expense Ratios<sup>5</sup>:** Class A shares: Gross 0.93%, Net 0.94%; Class I shares: Gross 0.68%, Net 0.69%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

## Growth of \$10,000 for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. The performance of the other share class may be greater or less than that shown based on differences in inception dates, fees, and sales charges. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> Total Return for the report period presented in the table differs from the return in the Financial Highlights. The total return presented in the above table is calculated based on the NAV at which shareholder transactions were processed. The total return presented in the Financial Highlights section of the report is calculated in the same manner, but also takes into account certain adjustments that are necessary under generally accepted accounting principles required in the annual report and semiannual report.

<sup>4</sup> The since inception index return is from the inception date of Class I shares.

<sup>5</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2022. Gross Expense: Does not reflect the effect of the expense limitation. Gross Expenses were below the contractual expense limitation before recapture of expenses previously reimbursed and/or fees waived, which is why the net expense ratio is higher than the gross expense ratio. See Note 4D for additional information on Expense Recapture. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.



# SGA International Growth Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Sustainable Growth Advisers, LP

■ The Series is diversified and has an investment objective of high total return consistent with reasonable risk. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 23.64% and Class I shares at NAV returned 23.95%. For the same period, the MSCI All Country World ex USA Index (net), which serves as the Series' broad-based and style-specific benchmark appropriate for comparison, returned 10.65%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

### How did the markets perform during the Series' fiscal year ended December 31, 2020?

International equity markets generated attractive returns for the fiscal year, with the MSCI All Country World ex USA Index (net) returning 10.7%, led primarily by strength in the information technology, consumer discretionary, and materials sectors. Energy was the worst-performing sector of the market as pandemic-induced reductions in demand coupled with ample supply hurt oil prices. The market rewarded businesses that benefited from an increase in e-commerce sales and electronic communications due to the pandemic. More economically sensitive companies outperformed later in the fourth quarter as expectations for an economic rebound grew following the approval of multiple COVID-19 vaccines. Real estate and financials underperformed for the year. Emerging markets outperformed developed markets, with particularly strong returns from China and India among others.

The year 2020 saw dramatic increases in volatility due to the COVID-19 pandemic, with a steep decline

in equity prices during the first quarter as the pandemic emerged and lockdowns became prevalent across the world. Markets rebounded sharply in the second and third quarters on expectations for improving business conditions, with China benefiting from a reduction in COVID-19 cases and improving manufacturing. The fourth quarter saw a continuation of the rebound, with investors rewarding lesser-quality, more economically sensitive areas of the market.

Investors expressed significant optimism and drove stock prices higher for the full year, anticipating much of the rebound in corporate profits that may occur as the virus is eventually brought under control. However, significant risks remained that could have a major impact on the markets, including the uncertainty of the global COVID-19 vaccination program and its ability to stem the pandemic; a new U.S. administration with very different positions on tax, regulatory, and trade policies from its predecessor; Brexit; the significant rise in global debt as a percent of gross domestic product (GDP); and growing geopolitical risks, particularly in Asia.

### What factors affected the Series' performance during its fiscal year?

The Series outperformed its benchmark, the MSCI All Country World ex USA Index (net) by a wide margin for the fiscal year ended December 31, 2020, due primarily to stock selection, although residual sector allocations also contributed positively to results. Stock selection was strongest in the health care, consumer discretionary, and financials sectors. Selection was weakest in the consumer staples, materials, and information technology sectors. The Series benefited from having no exposure to the weakly performing energy sector, and from an overweight to the strongly performing information technology sector. An underweight to the strongly performing communication services sector, and an overweight to the weakly performing health care sector detracted from returns.

Higher levels of volatility in the market due to the pandemic created opportunities to leverage our longer time horizon and deep research on companies. We sought to opportunistically take advantage of pricing anomalies in strong long-term growth businesses over the course of the fiscal year. This was partially mitigated by strong advances in more economically sensitive businesses, which

rebounded especially in the fourth quarter as investors looked beyond the pandemic, hoping that new vaccine rollouts would bring a return to normalcy in 2021. Slow growth and continued historically low interest rates due to massive monetary accommodation by key monetary authorities benefited longer-duration growth companies.

Turnover in the portfolio was higher than usual during the fiscal year given market volatility and rising valuations. Positions in Infosys, New Oriental Education, Steris, CP All, Sartorius, and Medtronic were initiated, while positions in Chr. Hansen, TAL Education, MercadoLibre, and Sanlam were liquidated. We trimmed many positions on strength, reallocating the capital to other more attractively valued growth opportunities. Likewise, we added to other existing positions where our research indicated attractive growth opportunities and valuations.

The largest contributors to performance for the fiscal year were Adyen, Shandong Weigao, MercadoLibre, Tencent, and Sysmex. The largest detractors from performance were Sanlam, Fomento Economico Mexicano (FEMSA), Diageo, Wal-Mart de Mexico, and Heineken.

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**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on a particular style or on small or medium-sized companies may enhance that risk.

**Foreign & Emerging Markets:** Investing in foreign securities, especially in emerging markets, subjects the Series to additional risks such as increased volatility, currency fluctuations, less liquidity, and political, regulatory, economic, and market risk.

**Geographic Concentration:** A series that focuses its investments in a particular geographic location will be sensitive to financial, economic, political, and other events negatively affecting of that location.



# SGA International Growth Series (Continued)

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

Asset Allocation	
The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.	
Consumer Staples	22%
Health Care	20
Financials	16
Information Technology	15
Consumer Discretionary	13
Materials	7
Communication Services	3
Other (includes short-term investment and securities lending collateral)	4
Total	100%

# SGA International Growth Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

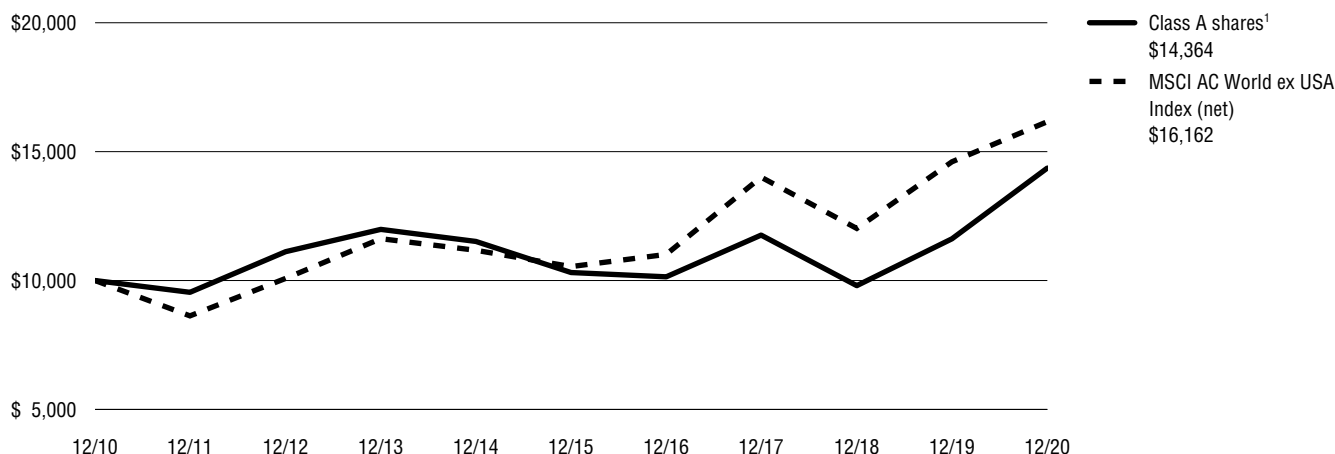
	1 Year	5 Years	10 Years	Since inception	Inception date
<b>Class A shares at NAV<sup>2</sup></b>	<b>23.64%</b>	<b>6.86%</b>	<b>3.69%</b>	<b>—%</b>	<b>—</b>
<b>Class I shares at NAV<sup>2</sup></b>	<b>23.95</b>	<b>7.12</b>	<b>—</b>	<b>2.77</b>	<b>4/30/13</b>
<b>MSCI All Country World ex USA Index (net)</b>	<b>10.65</b>	<b>8.93</b>	<b>4.92</b>	<b>5.41<sup>3</sup></b>	<b>—</b>

**Series Expense Ratios<sup>4</sup>:** Class A shares: Gross 1.18%, Net 1.14%; Class I shares: Gross 0.93%, Net 0.89%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. The performance of the other share class may be greater or less than that shown based on differences in inception dates, fees, and sales charges. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The since inception index return is from the inception date of Class I shares.

<sup>4</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2022. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The index is unmanaged and not available for direct investment; therefore, its performance does not reflect the expenses associated with active management of an actual portfolio.

# Strategic Allocation Series

## Series Summary (Unaudited)

### Portfolio Manager Commentary by Kayne Anderson Rudnick Investment Management, LLC (Domestic and International Equity Portfolio) and Newfleet Asset Management, LLC (Fixed Income Portfolio)

■ The Series is diversified and has an investment objective of high total return over an extended period of time consistent with prudent investment risk. *There is no guarantee that the Series will meet its objective.*

■ For the fiscal year ended December 31, 2020, the Series' Class A shares at NAV returned 33.96%. For the same period, the Bloomberg Barclays U.S. Aggregate Bond Index, a broad-based fixed income index, returned 7.51%; the MSCI ACWI ex USA SMID Cap Index (net), a broad-based international index, returned 12.01%; and Russell 1000® Growth Index, a broad-based U.S. equity index, returned 38.49%. The Strategic Allocation Series Linked Benchmark, the Series' style-specific benchmark, returned 22.33%.

*All performance figures assume reinvestment of distributions and exclude the effect of fees and expenses associated with the variable life insurance or annuity product through which you invest. Performance data quoted represents past results. Past performance is no guarantee of future results, and current performance may be higher or lower than the performance shown above. Investment return and principal value will fluctuate so your shares, when redeemed, may be worth more or less than their original cost. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.*

### How did the markets perform during the Series' fiscal year ended December 31, 2020?

#### Equities

The year 2020 was one for the history books. During the first quarter, investors went for a roller coaster ride, as markets around the world declined due to the COVID-19 pandemic, which necessitated an almost complete shutdown of economic activity. After a nosedive first quarter of 2020, the S&P 500® Index recovered in the following three months to have its best quarter in over 20 years, erasing most of the first-quarter loss. With aggressive stimulus from governments around the world flowing into the

markets as a backstop to the global health crisis, the S&P 500® Index made a new high in the third quarter of 2020, just 103 days after sliding 35%. That is the fastest-ever recovery from a decline greater than 30%. Equities continued their remarkable recovery in the fourth quarter of 2020, with the S&P 500® Index advancing 12.15%, bringing the full year return to 18.40%. Small-cap stocks, as measured by the Russell 2000® Index, had their best quarter ever in the fourth quarter, advancing 31.37%, which resulted in a return of 19.96% for the year. Global equity markets had a strong finish to 2020, with the MSCI ACWI ex USA SMID Cap Index (net) advancing 17.78% in the fourth quarter, bringing the index into positive territory for the year with a return of 12.01%. Risk assets across the board had a strong finish to the year with election uncertainty largely removed and with positive news on the efficacy of COVID-19 vaccines.

#### Fixed Income

The 12-month period included a variety of market conditions, but the most influential were the emergence of a global pandemic, the associated economic and earnings fallout, and both the fiscal and monetary policy response. The U.S. presidential election, a trade deal between the U.K. and the European Union (EU), and announcements from the scientific community marked the final quarter of the fiscal year. Global markets responded with optimism to the potential for turning the page on the COVID-19 pandemic that dominated the year.

The first quarter of 2020 saw volatility spike to levels not reached since the financial crisis of 2008-09. The quarter will be remembered for the emergence of COVID-19 as the first global pandemic since the H1N1 swine flu of 2009-10. The ultimate human and economic toll are still unknown, as the event continues to unfold, however, governments and central banks responded in unprecedented fashion to help blunt the effects of the virus. The containment measures implemented through the end of the fiscal year were unambiguously negative for local, regional, and global economic growth. However, markets rebounded from the lows they reached during the second quarter of 2020.

The spread of the coronavirus, its negative effect on global economic growth, and the fear it created in the market caused fixed income spreads to widen significantly during March. Valuations cheapened

meaningfully, reaching levels not seen since 2008-09. Cheaper valuations and an active approach by both monetary and fiscal authorities proved a powerful combination, setting the stage for improved financial market performance off the March 2020 lows. We sought to take advantage of the market volatility by following the same investment approach we have implemented for close to three decades.

During the first quarter of 2020, U.S. Treasuries outperformed spread sectors. The underperformers were led by higher-volatility sectors such as corporate high yield, bank loans, and emerging market debt. In the nine months since, the fixed income markets experienced a significant rebound, with spread sectors outperforming U.S. Treasuries led by those sectors that experienced the greatest degree of underperformance during the first quarter.

The Federal Reserve (the Fed) lowered its target interest rate twice during the 12-month period. On two separate occasions in March, in response to the pandemic, the Fed cut by a total of 1.25% to a range of 0-0.25%.

During the 12-month period, the Treasury yield curve steepened, shifting broadly lower, more so on the front end.

### What factors affected the Series' performance during its fiscal year?

#### U.S. Equities

The domestic equity portfolio of the Series outperformed its benchmark, the Russell 1000® Growth Index, for the fiscal year ended December 31, 2020. Strong stock selection in information technology and industrials contributed positively to performance. Poor stock selection in consumer discretionary, as well as poor stock selection and an overweight in financials, detracted from performance.

The biggest contributors to performance during the period were Amazon.com and Bill.com.

- **Amazon** continued on its growth trajectory, powered by its wide-moat e-commerce business and dominant web services offering, Amazon Web Services (AWS). Amazon delivered strong quarterly revenue growth throughout 2020 that many investors expected, as stay-at-home restrictions helped the company capture an even greater share of consumer spending. Its AWS business also benefited, as many of the most disruptive, digitally distributed and e-commerce-based businesses run on AWS. Prime member retention was strong, with

# Strategic Allocation Series (Continued)

high purchase frequency and growing purchase size during the period.

- **Bill.com** reported healthy growth during the period, as small businesses continued to leverage the company's invoice and payment processing technology to help them navigate the work-from-home environment.
- Other top contributors included **Trade Desk**, **NVIDIA**, and **Avalara**.

The biggest detractors from performance during the period were Bank of America and Las Vegas Sands.

- **Bank of America** generates over 50% of its income from interest, which came under pressure from the Federal Reserve's (the Fed's) decision to cut interest rates in March of 2020. Despite the fact that the bank has exemplary credit ratios, it voluntarily agreed to suspend share repurchases to ensure liquidity during the COVID-19 crisis. This removed a critical source of support from the company's share price. We believe higher interest rates and the reopening of the economy should provide more favorable tailwinds going forward. Therefore, we continued to hold the stock as of the end of the fiscal year.
- **Las Vegas Sands'** stock suffered during the period, as COVID-19 forced casinos to close. When they re-opened, traffic was slow to return, as demand remained subdued. While Las Vegas Sands faces a significant revenue shortfall due to the pandemic, we do not believe gaming demand is structurally impaired. We think the casino's balance sheet is still robust enough for it to weather this downturn, and we continued to hold the stock as of the end of the period.
- Other top detractors included **Charles Schwab**, **Ross Stores**, and **Philip Morris International**.

## International Equities

The international equity portfolio of the Series outperformed its benchmark, the MSCI ACWI ex USA SMID Cap Index (net), for the fiscal year ended December 31, 2020. Strong stock selection in financials, as well as strong stock selection and an overweight in information technology, contributed positively to performance. Poor stock selection and an underweight in health care, and an underweight in materials, detracted from performance.

The biggest contributors to performance during the period were Mercari and Adevinta.

- **Mercari** is the e-commerce market leader in Japan, and the company also has an emerging presence in the United States. Both businesses benefitted from the pandemic, which led more people to buy and sell goods online.
- In the third quarter of 2020, **Adevinta** announced an agreement to buy eBay's Classifieds Group. The transaction was expected to have significant synergies

and lead to a substantial increase in earnings per share. As a result, the announcement led to a strong increase in Adevinta's share price.

- Other top contributors included **Gruppo MutuiOnline**, **WebCash**, and **VNV Global**.

The biggest detractors from performance during the period were En-Japan and Pason Systems.

- **En-Japan** operates one of the leading job boards in Japan, and also offers recruiting services. The company's fundamentals deteriorated due to increasing competition in its core business, as well as a decline in hiring activity as a result of the global pandemic. We sold our position due to our belief that this deterioration may not be short-term in nature.
- **Pason Systems** develops and sells technology to optimize drilling operations for exploration and production companies in the oil and gas industry. Pason's stock declined along with other energy-related stocks during 2020, as an unfavorable supply-demand ratio weighed on oil prices. Pason's competitive position and balance sheet remained strong, and we believe its current valuation is attractive. We continued to hold the stock at the end of the fiscal year.
- Other top detractors included **Computer Modeling Group**, **Rightmove**, and **Corporacion Mectezuma**.

## Fixed Income

Among fixed income sectors, the portfolio's allocation to non-agency residential mortgage-backed securities versus agency mortgage-backed securities positively contributed to performance for the fiscal year ended December 31, 2020. Allocations to the corporate high yield and corporate high-quality sectors were also beneficial during the period.

The portfolio's underweight to U.S. Treasuries, which outperformed most spread sectors, had a negative impact on performance for the fiscal year. The portfolio's allocation to high yield bank loans also detracted from performance during the period.

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**Equity Securities:** The market price of equity securities may be adversely affected by financial market, industry, or issuer-specific events. Focus on

a particular style or on small or medium-sized companies may enhance that risk.

**Foreign & Emerging Markets:** Investing in foreign securities, especially in emerging markets, subjects the Series to additional risks such as increased volatility, currency fluctuations, less liquidity, and political, regulatory, economic, and market risk.

**Credit & Interest:** Debt instruments are subject to various risks, including credit and interest rate risk. The issuer of a debt security may fail to make interest and/or principal payments. Values of debt instruments may rise or fall in response to changes in interest rates, and this risk may be enhanced with longer-term maturities.

**High Yield Fixed Income Securities:** There is a greater risk of issuer default, less liquidity, and increased price volatility related to high yield securities than investment grade securities.

**ABS/MBS:** Changes in interest rates can cause both extension and prepayment risks for asset- and mortgage-backed securities. These securities are also subject to risks associated with the non-repayment of underlying collateral, including losses to the Series.

**Market Volatility:** Local, regional, or global events such as war, acts of terrorism, the spread of infectious illness or other public health issues, recessions, or other events could have a significant impact on the portfolio and its investments, including hampering the ability of the portfolio manager(s) to invest the portfolio's assets as intended.

**Prospectus:** For additional information on risks, please see the Series' prospectus.

# Strategic Allocation Series (Continued)

## Asset Allocation

The following table presents asset allocation within certain sectors as a percentage of total investments as of December 31, 2020.

Common Stocks	73%
Information Technology	24%
Consumer Discretionary	15
Communication Services	11
All other Common Stocks	23
Corporate Bonds and Notes	9
Financials	4
Real Estate	1
Industrials	1
All other Corporate Bonds and Notes	3
Mortgage-Backed Securities	7
U.S. Government Securities	4
Asset-Backed Securities	3
Municipal Bonds	2
Leveraged Loans	1
Other (includes short-term investment)	1
Total	<u>100%</u>

# Strategic Allocation Series (Continued)

**Average Annual Total Returns<sup>1</sup>** for periods ended 12/31/20

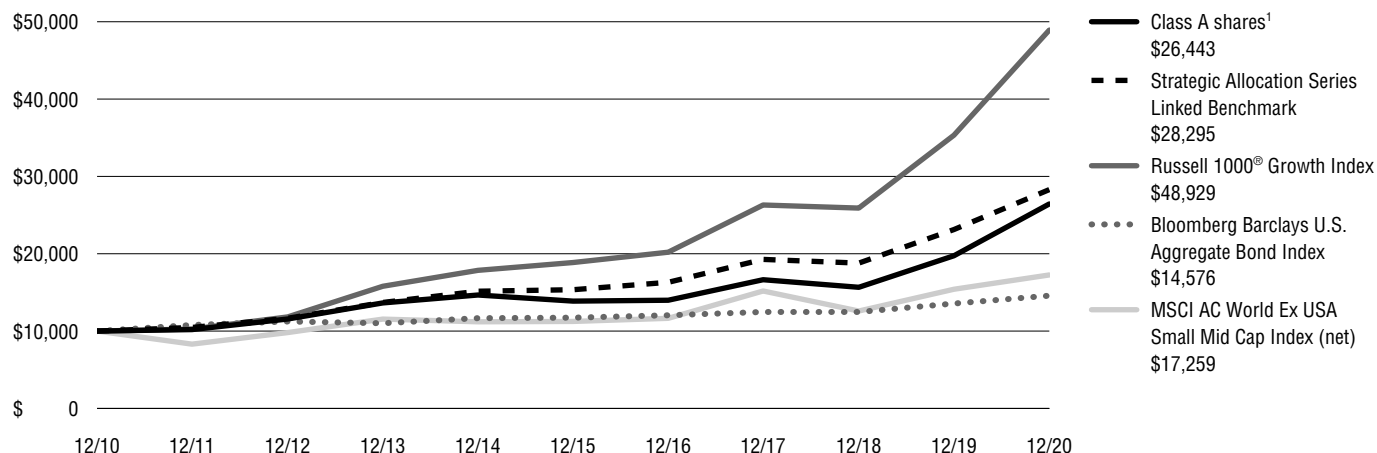
	1 Year	5 Years	10 Years
<b>Class A shares at NAV<sup>2</sup></b>	<b>33.96%</b>	<b>13.77%</b>	<b>10.21%</b>
<b>Bloomberg Barclays U.S. Aggregate Bond Index</b>	<b>7.51</b>	<b>4.44</b>	<b>3.84</b>
<b>MSCI ACWI ex USA SMID Cap Index (net)</b>	<b>12.01</b>	<b>8.94</b>	<b>5.61</b>
<b>Russell 1000<sup>®</sup> Growth Index</b>	<b>38.49</b>	<b>21.00</b>	<b>17.21</b>
<b>Strategic Allocation Series Linked Benchmark</b>	<b>22.33</b>	<b>13.01</b>	<b>10.96</b>

**Series Expense Ratios<sup>3</sup>:** Class A shares: Gross 1.01%, Net 0.98%.

All returns represent past performance which is no guarantee of future results. Current performance may be higher or lower than the performance shown. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. The above table and graph below do not reflect the deduction of taxes that a shareholder would pay on fund distributions or the redemption of shares. Please visit [Virtus.com](http://Virtus.com) for performance data current to the most recent month-end.

**Growth of \$10,000** for periods ended 12/31

This chart assumes an initial investment of \$10,000 made on December 31, 2010 for Class A shares. Returns shown include the reinvestment of all distributions at net asset value, and the change in share price for the stated period.



<sup>1</sup> Total returns are historical and include changes in share price and the reinvestment of both dividends and capital gain distributions.

<sup>2</sup> "NAV" (Net Asset Value) total returns do not reflect any fees or expenses associated with the separate insurance products.

<sup>3</sup> The expense ratios of the Series are set forth according to the prospectus for the Series effective April 30, 2020, as supplemented and revised, and may differ from the expense ratios disclosed in the Financial Highlights tables in this report. See the Financial Highlights for more current expense ratios. Net Expense: Expenses reduced by a contractual expense limitation in effect through April 30, 2021. Gross Expense: Does not reflect the effect of the expense limitation. Expense ratios include fees and expenses associated with any underlying funds.

The indexes are unmanaged and not available for direct investment; therefore, their performance does not reflect the expenses associated with active management of an actual portfolio.

# DUFF & PHELPS REAL ESTATE SECURITIES SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—98.2%</b>			<b>Retail—13.9%</b>		
<b>Real Estate Investment Trusts—98.2%</b>			<b>Free Standing—5.3%</b>		
<b>Data Centers—12.1%</b>			Spirit Realty Capital, Inc.	54,104	\$ 2,174
CyrusOne, Inc.	35,887	\$ 2,625	STORE Capital Corp.	55,070	1,871
Equinix, Inc.	9,167	6,547			<u>4,045</u>
		<u>9,172</u>			
<b>Diversified—2.9%</b>			<b>Regional Malls—2.7%</b>		
VEREIT, Inc.	58,720	2,219	Simon Property Group, Inc.	24,101	2,055
<b>Health Care—10.2%</b>			<b>Shopping Centers—5.9%</b>		
Healthcare Trust of America, Inc. Class A	79,650	2,194	Brixmor Property Group, Inc.	113,092	1,872
Healthpeak Properties, Inc.	99,250	3,000	Regency Centers Corp.	35,250	1,607
Welltower, Inc.	39,790	2,571	Weingarten Realty Investors	44,350	961
		<u>7,765</u>			<u>4,440</u>
<b>Industrial/Office—23.9%</b>			Total Retail		<u>10,540</u>
<b>Industrial—13.9%</b>			<b>Self Storage—6.4%</b>		
Duke Realty Corp.	87,446	3,495	CubeSmart	75,100	2,524
Prologis, Inc.	59,852	5,965	Extra Space Storage, Inc.	19,966	2,313
Rexford Industrial Realty, Inc.	21,725	1,067			<u>4,837</u>
		<u>10,527</u>	<b>Specialty—2.9%</b>		
<b>Office—10.0%</b>			Crown Castle International Corp.	1,625	259
Alexandria Real Estate Equities, Inc.	9,693	1,728	SBA Communications, Corp.	3,400	959
Boston Properties, Inc.	22,290	2,107	VICI Properties, Inc.	38,237	975
Cousins Properties, Inc.	72,512	2,429			<u>2,193</u>
Douglas Emmett, Inc.	46,740	1,364			
		<u>7,628</u>	<b>TOTAL COMMON STOCKS</b>		<b>74,527</b>
Total Industrial/Office		<u>18,155</u>	<b>(Identified Cost \$56,752)</b>		
<b>Lodging/Resorts—4.0%</b>			<b>TOTAL LONG-TERM INVESTMENTS—98.2%</b>		<b>74,527</b>
Host Hotels & Resorts, Inc.	56,864	832	<b>(Identified Cost \$56,752)</b>		
RLJ Lodging Trust	69,235	980			
Ryman Hospitality Properties, Inc.	17,447	1,182	<b>SHORT-TERM INVESTMENT—1.3%</b>		
		<u>2,994</u>	<b>MONEY MARKET MUTUAL FUND—1.3%</b>		
<b>Residential—21.9%</b>			Dreyfus Government Cash Management Fund - Institutional		
<b>Apartments—12.7%</b>			Shares (seven-day effective yield 0.030%)(2)	1,008,893	1,009
Apartment Income REIT Corp.(1)	44,853	1,723	<b>TOTAL SHORT-TERM INVESTMENT</b>		<b>1,009</b>
AvalonBay Communities, Inc.	18,979	3,045	<b>(Identified Cost \$1,009)</b>		
Equity Residential	46,020	2,728	<b>TOTAL INVESTMENTS—99.5%</b>		<b>\$75,536</b>
Mid-America Apartment Communities, Inc.	16,800	2,128	<b>(Identified Cost \$57,761)</b>		
		<u>9,624</u>	Other assets and liabilities, net—0.5%		<u>357</u>
<b>Manufactured Homes—4.3%</b>			<b>NET ASSETS—100.0%</b>		<b>\$75,893</b>
Sun Communities, Inc.	21,751	3,305			
<b>Single Family Homes—4.9%</b>			<b>Abbreviation:</b>		
American Homes 4 Rent Class A	80,900	2,427	REIT Real Estate Investment Trust		
Invitation Homes, Inc.	43,650	1,296	<b>Footnote Legend:</b>		
		<u>3,723</u>	(1) Non-income producing.		
Total Residential		<u>16,652</u>	(2) Shares of this fund are publicly offered, and its prospectus and annual report are publicly available.		

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements



**DUFF & PHELPS REAL ESTATE SECURITIES SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$74,527	\$74,527
Money Market Mutual Fund	1,009	1,009
Total Investments	<u>\$75,536</u>	<u>\$75,536</u>

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

See Notes to Financial Statements

# KAR CAPITAL GROWTH SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—99.6%</b>					
<b>Communication Services—12.7%</b>			<b>Industrials—continued</b>		
Activision Blizzard, Inc.	43,860	\$ 4,072	Roper Technologies, Inc.	12,302	\$ 5,303
Facebook, Inc. Class A <sup>(1)</sup>	58,992	16,114	Uber Technologies, Inc. <sup>(1)</sup>	128,580	6,558
Netflix, Inc. <sup>(1)</sup>	19,530	10,561			<u>30,266</u>
Tencent Holdings Ltd. ADR	125,900	9,051			
		<u>39,798</u>	<b>Information Technology—36.1%</b>		
<b>Consumer Discretionary—24.4%</b>			Accenture plc Class A	17,781	4,645
Airbnb, Inc. Class A <sup>(1)</sup>	8,049	1,182	Amphenol Corp. Class A	54,994	7,191
Alibaba Group Holding Ltd. Sponsored ADR <sup>(1)</sup>	57,118	13,293	Avalara, Inc. <sup>(1)</sup>	63,540	10,477
Amazon.com, Inc. <sup>(1)</sup>	8,200	26,707	Bill.com Holdings, Inc. <sup>(1)</sup>	136,127	18,581
Home Depot, Inc. (The)	13,958	3,707	Duck Creek Technologies, Inc. <sup>(1)(2)</sup>	153,506	6,647
Las Vegas Sands Corp.	71,172	4,242	NVIDIA Corp.	26,183	13,673
Marriott International, Inc. Class A	26,680	3,520	Paycom Software, Inc. <sup>(1)</sup>	30,672	13,871
MercadoLibre, Inc. <sup>(1)</sup>	5,310	8,895	Snowflake, Inc. Class A <sup>(1)</sup>	9,976	2,807
NIKE, Inc. Class B	60,375	8,541	Trade Desk, Inc. (The) Class A <sup>(1)</sup>	20,090	16,092
Ross Stores, Inc.	39,047	4,795	Visa, Inc. Class A	55,698	12,183
Trip.com Group Ltd. ADR <sup>(1)</sup>	57,150	1,928	Workday, Inc. Class A <sup>(1)</sup>	31,550	7,560
		<u>76,810</u>			<u>113,727</u>
<b>Consumer Staples—4.9%</b>			<b>Materials—1.7%</b>		
Estee Lauder Cos., Inc. (The) Class A	12,498	3,327	Ecolab, Inc.	24,424	5,284
McCormick & Co., Inc.	31,140	2,977			
Monster Beverage Corp. <sup>(1)</sup>	47,625	4,405	<b>TOTAL COMMON STOCKS</b>		<b>313,437</b>
Procter & Gamble Co. (The)	32,480	4,519	<b>(Identified Cost \$93,584)</b>		
		<u>15,228</u>	<b>TOTAL LONG-TERM INVESTMENTS—99.6%</b>		<b>313,437</b>
<b>Financials—5.2%</b>			<b>(Identified Cost \$93,584)</b>		
Bank of America Corp.	192,810	5,844	<b>TOTAL INVESTMENTS—99.6%</b>		<b>\$313,437</b>
CME Group, Inc. Class A	13,840	2,520	<b>(Identified Cost \$93,584)</b>		
MarketAxess Holdings, Inc.	10,630	6,065	Other assets and liabilities, net—0.4%		<u>1,389</u>
Progressive Corp. (The)	20,650	2,042			
		<u>16,471</u>	<b>NET ASSETS—100.0%</b>		<b>\$314,826</b>
<b>Health Care—5.0%</b>					
Danaher Corp.	26,247	5,831	<b>Abbreviation:</b>		
HealthEquity, Inc. <sup>(1)</sup>	29,900	2,084	ADR American Depositary Receipt		
Zoetis, Inc. Class A	47,964	7,938	<b>Footnote Legend:</b>		
		<u>15,853</u>	<sup>(1)</sup> Non-income producing.		
<b>Industrials—9.6%</b>			<sup>(2)</sup> All or a portion of the security is restricted.		
CoStar Group, Inc. <sup>(1)</sup>	7,540	6,969	<b>Country Weightings (Unaudited)<sup>†</sup></b>		
Equifax, Inc.	14,030	2,706	United States		89%
Fair Isaac Corp. <sup>(1)</sup>	7,940	4,058	China		8
Kansas City Southern	22,890	4,672	Brazil		3
			Total		100%
			<sup>†</sup> % of total investments as of December 31, 2020.		

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$313,437	\$313,437
Total Investments	\$313,437	\$313,437

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements

# KAR EQUITY INCOME SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—98.4%</b>					
<b>Communication Services—10.2%</b>			<b>Materials—7.2%</b>		
AT&T, Inc.	100,730	\$ 2,897	Eastman Chemical Co.	39,520	\$ 3,963
Omnicom Group, Inc.	54,916	3,425	Sonoco Products Co.	52,810	3,129
Verizon Communications, Inc.	63,990	3,760			<u>7,092</u>
		<u>10,082</u>	<b>Real Estate—1.6%</b>		
<b>Consumer Discretionary—6.2%</b>			Crown Castle International Corp.	10,020	1,595
Home Depot, Inc. (The)	3,557	945	<b>Utilities—9.5%</b>		
Leggett & Platt, Inc.	62,530	2,770	Fortis, Inc.	63,410	2,588
McDonald's Corp.	11,460	2,459	NextEra Energy, Inc.	25,820	1,992
		<u>6,174</u>	Southern Co. (The)	53,580	3,291
<b>Consumer Staples—11.0%</b>			WEC Energy Group, Inc.	16,870	1,553
Clorox Co. (The)	4,240	856			<u>9,424</u>
Coca-Cola Co. (The)	52,630	2,886	<b>TOTAL COMMON STOCKS</b>		
Kimberly-Clark Corp.	18,020	2,430	<b>(Identified Cost \$89,523)</b>		<b>97,158</b>
PepsiCo, Inc.	18,700	2,773	<b>TOTAL LONG-TERM INVESTMENTS—98.4%</b>		
Procter & Gamble Co. (The)	13,590	1,891	<b>(Identified Cost \$89,523)</b>		<b>97,158</b>
		<u>10,836</u>			
<b>Financials—12.3%</b>			<b>SHORT-TERM INVESTMENT—0.5%</b>		
Bank of Hawaii Corp.	51,891	3,976	<b>Money Market Mutual Fund—0.5%</b>		
PNC Financial Services Group, Inc. (The)	30,892	4,603	Dreyfus Government Cash Management Fund - Institutional		
Zurich Insurance Group AG ADR	84,864	3,583	Shares (seven-day effective yield 0.030%)( <sup>1</sup> )	518,296	518
		<u>12,162</u>	<b>TOTAL SHORT-TERM INVESTMENT</b>		
<b>Health Care—13.7%</b>			<b>(Identified Cost \$518)</b>		<b>518</b>
GlaxoSmithKline plc Sponsored ADR	82,380	3,032	<b>TOTAL INVESTMENTS—98.9%</b>		<b>\$97,676</b>
Johnson & Johnson	12,140	1,911	<b>(Identified Cost \$90,041)</b>		
Merck & Co., Inc.	31,410	2,569	Other assets and liabilities, net—1.1%		<u>1,060</u>
Patterson Cos., Inc.	141,000	4,178	<b>NET ASSETS—100.0%</b>		<b>\$98,736</b>
Pfizer, Inc.	48,670	1,791			
		<u>13,481</u>	<b>Abbreviation:</b>		
<b>Industrials—14.8%</b>			ADR American Depositary Receipt		
3M Co.	22,550	3,941	<b>Footnote Legend:</b>		
Fastenal Co.	30,048	1,467	( <sup>1</sup> ) Shares of this fund are publicly offered, and its prospectus and annual report are		
MSC Industrial Direct Co., Inc. Class A	28,510	2,406	publicly available.		
Snap-on, Inc.	12,820	2,194	<b>Country Weightings (Unaudited)<sup>†</sup></b>		
Watsco, Inc.	20,140	4,563	United States		91%
		<u>14,571</u>	Switzerland		3
<b>Information Technology—11.9%</b>			United Kingdom		3
Analog Devices, Inc.	7,115	1,051	Canada		3
Cisco Systems, Inc.	77,300	3,459	Total		100%
International Business Machines Corp.	34,330	4,322	<sup>†</sup> % of total investments as of December 31, 2020.		
Paychex, Inc.	31,220	2,909			
		<u>11,741</u>			

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements

**KAR EQUITY INCOME SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$97,158	\$97,158
Money Market Mutual Fund	518	518
Total Investments	<u>\$97,676</u>	<u>\$97,676</u>

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

See Notes to Financial Statements

# KAR SMALL-CAP GROWTH SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—94.6%</b>					
<b>Communication Services—17.0%</b>			<b>Information Technology—continued</b>		
Auto Trader Group plc	837,000	\$ 6,822	Blackline, Inc. <sup>(1)</sup>	54,190	\$ 7,228
Autohome, Inc. ADR	71,670	7,140	Duck Creek Technologies, Inc. <sup>(1)(2)</sup>	164,864	7,139
MediaAlpha, Inc. Class A <sup>(1)</sup>	75,559	2,952	nCino, Inc. <sup>(1)</sup>	51,956	3,762
Rightmove plc <sup>(1)</sup>	710,930	6,327	NVE Corp.	8,850	497
		23,241	Paycom Software, Inc. <sup>(1)</sup>	8,561	3,872
			SPS Commerce, Inc. <sup>(1)</sup>	39,122	4,248
					44,996
<b>Consumer Discretionary—11.5%</b>			<b>TOTAL COMMON STOCKS</b>		<b>129,630</b>
Fox Factory Holding Corp. <sup>(1)</sup>	79,355	8,388	<b>(Identified Cost \$51,551)</b>		
Ollie's Bargain Outlet Holdings, Inc. <sup>(1)</sup>	90,139	7,371			
		15,759	<b>TOTAL LONG-TERM INVESTMENTS—94.6%</b>		<b>129,630</b>
			<b>(Identified Cost \$51,551)</b>		
<b>Consumer Staples—4.2%</b>					
Chefs' Warehouse, Inc. (The) <sup>(1)</sup>	55,660	1,430	<b>SHORT-TERM INVESTMENT—3.4%</b>		
Grocery Outlet Holding Corp. <sup>(1)</sup>	66,365	2,605	<b>Money Market Mutual Fund—3.4%</b>		
PriceSmart, Inc.	18,500	1,685	Dreyfus Government Cash Management Fund -		
		5,720	Institutional Shares (seven-day effective yield		
			0.030%) <sup>(3)</sup>	4,593,037	4,593
<b>Financials—15.4%</b>			<b>TOTAL SHORT-TERM INVESTMENT</b>		<b>4,593</b>
FactSet Research Systems, Inc.	9,229	3,069	<b>(Identified Cost \$4,593)</b>		
Goosehead Insurance, Inc. Class A	23,760	2,964			
Interactive Brokers Group, Inc. Class A	77,630	4,729	<b>TOTAL INVESTMENTS—98.0%</b>		<b>\$134,223</b>
MarketAxess Holdings, Inc.	7,613	4,344	<b>(Identified Cost \$56,144)</b>		
Morningstar, Inc.	21,510	4,981	Other assets and liabilities, net—2.0%		2,804
Oportun Financial Corp. <sup>(1)</sup>	53,880	1,044			
		21,131	<b>NET ASSETS—100.0%</b>		<b>\$137,027</b>
<b>Health Care—5.1%</b>			<b>Abbreviation:</b>		
Mesa Laboratories, Inc.	5,435	1,558	ADR American Depositary Receipt		
National Research Corp.	50,660	2,165	<b>Footnote Legend:</b>		
U.S. Physical Therapy, Inc.	27,600	3,319	<sup>(1)</sup> Non-income producing.		
		7,042	<sup>(2)</sup> All or a portion of the security is restricted.		
			<sup>(3)</sup> Shares of this fund are publicly offered, and its prospectus and annual report are		
			publicly available.		
<b>Industrials—8.6%</b>			<b>Country Weightings (Unaudited)<sup>†</sup></b>		
AAON, Inc.	76,000	5,064	United States		85%
HEICO Corp. Class A	32,270	3,778	United Kingdom		10
Omega Flex, Inc.	19,859	2,899	China		5
		11,741	Total		100%
<b>Information Technology—32.8%</b>			<sup>†</sup> % of total investments as of December 31, 2020.		
Aspen Technology, Inc. <sup>(1)</sup>	33,014	4,300			
Avalara, Inc. <sup>(1)</sup>	31,840	5,250			
Bill.com Holdings, Inc. <sup>(1)</sup>	63,735	8,700			

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$129,630	\$129,630
Money Market Mutual Fund	4,593	4,593
Total Investments	<u>\$134,223</u>	<u>\$134,223</u>

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements

# KAR SMALL-CAP VALUE SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—97.5%</b>			<b>Industrials—continued</b>		
<b>Consumer Discretionary—13.3%</b>			UniFirst Corp.	9,303	\$ 1,969
Cheesecake Factory, Inc. (The)	84,830	\$ 3,144	Watsco, Inc.	15,050	3,410
Leslie's, Inc. <sup>(1)</sup>	72,126	2,001			<u>32,205</u>
Terminix Global Holdings, Inc. <sup>(1)</sup>	74,998	3,826			
Thor Industries, Inc.	29,867	2,777	<b>Information Technology—12.3%</b>		
		<u>11,748</u>	American Software, Inc. Class A	69,000	1,185
			Badger Meter, Inc.	14,502	1,364
<b>Consumer Staples—7.9%</b>			Brooks Automation, Inc.	58,609	3,976
National Beverage Corp.	48,090	4,083	EVERTEC, Inc.	69,199	2,721
WD-40 Co.	10,750	2,856	Jack Henry & Associates, Inc.	9,940	1,610
		<u>6,939</u>			<u>10,856</u>
<b>Financials—14.9%</b>			<b>Materials—6.9%</b>		
Bank of Hawaii Corp.	28,970	2,220	Scotts Miracle-Gro Co. (The)	30,807	6,135
First Financial Bankshares, Inc.	34,962	1,265			
Houlihan Lokey, Inc.	54,790	3,683	<b>Real Estate—4.0%</b>		
Primerica, Inc.	16,940	2,269	MGM Growth Properties LLC Class A	114,240	3,576
RLI Corp.	25,150	2,619			
Stock Yards Bancorp, Inc.	28,331	1,147	<b>TOTAL COMMON STOCKS</b>		
		<u>13,203</u>	<b>(Identified Cost \$45,840)</b>		<b>86,208</b>
<b>Health Care—1.8%</b>			<b>TOTAL LONG-TERM INVESTMENTS—97.5%</b>		
Anika Therapeutics, Inc. <sup>(1)</sup>	34,150	1,546	<b>(Identified Cost \$45,840)</b>		<b>86,208</b>
<b>Industrials—36.4%</b>			<b>TOTAL INVESTMENTS—97.5%</b>		<b>\$86,208</b>
Albany International Corp. Class A	36,889	2,708	<b>(Identified Cost \$45,840)</b>		
Armstrong World Industries, Inc.	33,447	2,488	Other assets and liabilities, net—2.5%		<u>2,237</u>
Construction Partners, Inc. Class A <sup>(1)</sup>	59,000	1,717			
CoreLogic, Inc.	43,288	3,347	<b>NET ASSETS—100.0%</b>		<b>\$88,445</b>
Graco, Inc.	46,110	3,336			
John Bean Technologies Corp.	17,923	2,041	<b>Abbreviation:</b>		
Landstar System, Inc.	19,730	2,657	LLC Limited Liability Company		
RBC Bearings, Inc. <sup>(1)</sup>	17,770	3,182	<b>Footnote Legend:</b>		
SiteOne Landscape Supply, Inc. <sup>(1)</sup>	33,727	5,350	<sup>(1)</sup> Non-income producing.		

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$86,208	\$86,208
Total Investments	<u>\$86,208</u>	<u>\$86,208</u>

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements

**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>U.S. GOVERNMENT SECURITIES—3.2%</b>			<b>FOREIGN GOVERNMENT SECURITIES—continued</b>		
U.S. Treasury Bond			Republic of Pakistan 144A		
2.875%, 5/15/49	\$ 200	\$ 258	8.250%, 9/30/25 <sup>(1)</sup>	\$ 200	\$ 220
U.S. Treasury Notes			Republic of Panama		
0.250%, 5/31/25	855	853	4.300%, 4/29/53	355	450
0.375%, 9/20/27	585	576	Republic of Philippines		
1.500%, 2/15/30	2,025	2,141	3.700%, 3/1/41	200	231
<b>TOTAL U.S. GOVERNMENT SECURITIES</b>		<b>3,828</b>	Republic of South Africa		
<b>(Identified Cost \$3,833)</b>			5.650%, 9/27/47	390	389
<b>MUNICIPAL BONDS—0.6%</b>			Republic of Turkey		
<b>Illinois—0.0%</b>			7.375%, 2/5/25	230	256
Sales Tax Securitization Corp. Series B, Second Lien,			4.875%, 10/9/26	200	202
Taxable (BAM Insured)			6.125%, 10/24/28	215	229
3.411%, 1/1/43	40	42	Republic of Uruguay		
<b>Virginia—0.6%</b>			5.100%, 6/18/50	165	231
Tobacco Settlement Financing Corp. Revenue Taxable			Republic of Venezuela		
Series A-1, Taxable			9.375%, 1/13/34 <sup>(5)</sup>	295	27
6.706%, 6/1/46	625	654	RegS		
<b>TOTAL MUNICIPAL BONDS</b>		<b>696</b>	7.650%, 4/21/25 <sup>(2)(5)</sup>	825	76
<b>(Identified Cost \$662)</b>			Russian Federation		
<b>FOREIGN GOVERNMENT SECURITIES—7.5%</b>			RegS		
Dominican Republic			4.375%, 3/21/29 <sup>(2)</sup>	200	233
144A			RegS		
6.875%, 1/29/26 <sup>(1)</sup>	130	157	5.250%, 6/23/47 <sup>(2)</sup>	200	277
144A			State of Israel		
5.950%, 1/25/27 <sup>(1)</sup>	100	117	2.750%, 7/3/30	345	380
Emirate of Dubai RegS			State of Qatar 144A		
5.250%, 1/30/43 <sup>(2)</sup>	400	469	4.400%, 4/16/50 <sup>(1)</sup>	200	261
Federative Republic of Brazil			Ukraine Government 144A		
3.875%, 6/12/30	200	211	7.253%, 3/15/33 <sup>(1)</sup>	200	218
Kingdom of Saudi Arabia			United Mexican States		
144A			4.500%, 1/31/50	340	398
3.625%, 3/4/28 <sup>(1)</sup>	470	527	Series M		
144A			6.500%, 6/9/22	5,098 <sup>MXN</sup>	264
3.250%, 10/22/30 <sup>(1)</sup>	205	226	<b>TOTAL FOREIGN GOVERNMENT SECURITIES</b>		<b>8,857</b>
144A			<b>(Identified Cost \$9,193)</b>		
4.500%, 10/26/46 <sup>(1)</sup>	305	370	<b>MORTGAGE-BACKED SECURITIES—16.1%</b>		
Republic of Argentina			<b>Agency—0.5%</b>		
0.125%, 7/9/35 <sup>(3)</sup>	590	215	Federal National Mortgage Association		
Republic of Colombia			Pool #AT2016		
4.125%, 5/15/51	220	245	3.000%, 4/1/43	246	263
Republic of Ecuador 144A			Pool #AS4992		
0.500%, 7/31/35 <sup>(1)(3)</sup>	170	92	3.500%, 5/1/45	138	149
Republic of Egypt 144A			Pool #AS9393		
7.600%, 3/1/29 <sup>(1)</sup>	400	459	4.000%, 4/1/47	59	63
Republic of Ghana 144A			Pool #MA3121		
8.125%, 3/26/32 <sup>(1)</sup>	200	211	4.000%, 9/1/47	130	140
Republic of Indonesia					615
2.850%, 2/14/30	200	216	<b>Non-Agency—15.6%</b>		
4.200%, 10/15/50	225	268	American Homes 4 Rent Trust		
144A			2014-SFR2, C 144A		
4.350%, 1/8/27 <sup>(1)</sup>	240	279	4.705%, 10/17/36 <sup>(1)</sup>	435	471
Republic of Kenya 144A			2015-SFR1, A 144A		
8.000%, 5/22/32 <sup>(1)(4)</sup>	200	233	3.467%, 4/17/52 <sup>(1)</sup>	305	327
Republic of Nigeria 144A			2015-SFR2, C 144A		
7.875%, 2/16/32 <sup>(1)</sup>	200	220	4.691%, 10/17/52 <sup>(1)</sup>	340	375
			Angel Oak SB Commercial Mortgage Trust 2020-SBC1,		
			A1 144A		
			1.932%, 5/25/50 <sup>(1)(3)</sup>	341	342

See Notes to Financial Statements



**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Non-Agency—continued</b>			<b>Non-Agency—continued</b>		
Arroyo Mortgage Trust			2014-1, 2A12 144A		
2018-1, A1 144A			3.500%, 1/25/44 <sup>(1)(3)</sup>	\$ 94	\$ 96
3.763%, 4/25/48 <sup>(1)(3)</sup>	\$ 63	\$ 64	2016-SH1, M2 144A		
2019-1, A1 144A			3.750%, 4/25/45 <sup>(1)(3)</sup>	146	149
3.805%, 1/25/49 <sup>(1)(3)</sup>	107	110	2016-SH2, M2 144A		
2019-2, A1 144A			3.750%, 12/25/45 <sup>(1)(3)</sup>	174	181
3.347%, 4/25/49 <sup>(1)(3)</sup>	137	141	LHOME Mortgage Trust 2019-RTL1, A1 144A		
Banc of America Funding Trust 2005-1, 1A1			4.580%, 10/25/23 <sup>(1)(3)</sup>	355	359
5.500%, 2/25/35	59	61	Mello Warehouse Securitization Trust 2019-1, C (1		
Bayview Opportunity Master Fund IVa Trust 2016-SPL1,			month LIBOR + 1.200%) 144A		
B1 144A			1.348%, 6/25/52 <sup>(1)(3)</sup>	175	175
4.250%, 4/28/55 <sup>(1)</sup>	275	289	MetLife Securitization Trust		
Bayview Opportunity Master Fund IVb Trust 2016-SPL2,			2017-1A, M1 144A		
B1 144A			3.480%, 4/25/55 <sup>(1)(3)</sup>	150	161
4.250%, 6/28/53 <sup>(1)(3)</sup>	130	137	2019-1A, A1A 144A		
BX Trust 2019-OC11, D 144A			3.750%, 4/25/58 <sup>(1)(3)</sup>	238	256
4.075%, 12/9/41 <sup>(1)(3)</sup>	295	307	Mill City Mortgage Loan Trust		
CF Hippolyta LLC 2020-1, A1 144A			2017-1, M2 144A		
1.690%, 7/15/60 <sup>(1)</sup>	215	219	3.250%, 11/25/58 <sup>(1)(3)</sup>	100	109
CIT Home Equity Loan Trust 2003-1, A5			2019-1, M2 144A		
5.480%, 7/20/34 <sup>(3)</sup>	17	17	3.500%, 10/25/69 <sup>(1)(3)</sup>	165	180
Citigroup Mortgage Loan Trust, Inc.			Morgan Stanley - Bank of America (Merrill Lynch) Trust		
2019-IMC1, A1 144A			2013-C13, AS		
2.720%, 7/25/49 <sup>(1)(3)</sup>	165	168	4.266%, 11/15/46	125	134
2015-A, A1 144A			New Residential Mortgage Loan Trust		
3.500%, 6/25/58 <sup>(1)(3)</sup>	36	36	2014-1A, A 144A		
COLT Trust 2020-RPL1, A1 144A			3.750%, 1/25/54 <sup>(1)(3)</sup>	143	152
1.390%, 1/25/65 <sup>(1)(3)</sup>	219	220	2015-2A, A1 144A		
CoreVest American Finance Trust 2020-4, A 144A			3.750%, 8/25/55 <sup>(1)(3)</sup>	114	122
1.174%, 12/15/52 <sup>(1)</sup>	235	235	2016-1A, A1 144A		
Credit Suisse Mortgage Capital Trust			3.750%, 3/25/56 <sup>(1)(3)</sup>	100	106
2014-IVR2, A2 144A			2016-4A, B1A 144A		
3.783%, 4/25/44 <sup>(1)(3)</sup>	54	56	4.500%, 11/25/56 <sup>(1)(3)</sup>	262	292
2020-RPL4, A1 144A			2017-2A, A3 144A		
2.000%, 1/25/60 <sup>(1)</sup>	375	385	4.000%, 3/25/57 <sup>(1)(3)</sup>	97	105
Deephaven Residential Mortgage Trust 2017-1A, A2			2018-1A, A1A 144A		
144A			4.000%, 12/25/57 <sup>(1)(3)</sup>	199	215
2.928%, 12/26/46 <sup>(1)(3)</sup>	6	6	OBX Trust		
Ellington Financial Mortgage Trust 2019-2, A3 144A			2019-INV1, A3 144A		
3.046%, 11/25/59 <sup>(1)(3)</sup>	87	89	4.500%, 11/25/48 <sup>(1)(3)</sup>	126	132
FirstKey Homes Trust			2018-EXP2, 1A1 144A		
2020-SFR1, B 144A			4.000%, 7/25/58 <sup>(1)(3)</sup>	178	181
1.740%, 9/17/25 <sup>(1)</sup>	200	202	Preston Ridge Partners Mortgage LLC		
2020-SFR2, B 144A			2020-1A, A1 144A		
1.567%, 10/19/37 <sup>(1)</sup>	335	333	2.981%, 2/25/25 <sup>(1)(3)</sup>	319	320
Galton Funding Mortgage Trust			2020-2, A1 144A		
2017-1, A21 144A			3.671%, 8/25/25 <sup>(1)(3)</sup>	303	306
3.500%, 7/25/56 <sup>(1)(3)</sup>	62	63	2020-3, A1 144A		
2018-1, A23 144A			2.857%, 9/25/25 <sup>(1)(3)</sup>	412	415
3.500%, 11/25/57 <sup>(1)(3)</sup>	115	119	2020-6, A1 144A		
2018-2, A41 144A			2.363%, 11/25/25 <sup>(1)(3)</sup>	436	436
4.500%, 10/25/58 <sup>(1)(3)</sup>	114	116	Pretium Mortgage Credit Partners I LLC 2020-NPL3, A1		
2019-H1, A1 144A			144A		
2.657%, 10/25/59 <sup>(1)(3)</sup>	56	57	3.105%, 6/27/60 <sup>(1)(3)</sup>	340	340
2020-H1, A1 144A			Progress Residential Trust		
2.310%, 1/25/60 <sup>(1)(3)</sup>	229	233	2018-SFR1, B 144A		
Home Partners of America Trust 2020-2, A 144A			3.484%, 3/17/35 <sup>(1)</sup>	270	270
1.532%, 1/17/41 <sup>(1)</sup>	222	219	2018-SFR2, B 144A		
Homeward Opportunities Fund I Trust 2019-1, A1 144A			3.841%, 8/17/35 <sup>(1)</sup>	545	552
3.454%, 1/25/59 <sup>(1)(3)</sup>	129	131	2019-SFR2, A 144A		
JPMorgan Chase Mortgage Trust			3.147%, 5/17/36 <sup>(1)</sup>	248	256
2014-2, 2A2 144A			Provident Funding Mortgage Trust 2019-1, A2 144A		
3.500%, 6/25/29 <sup>(1)(3)</sup>	72	73	3.000%, 12/25/49 <sup>(1)(3)</sup>	283	288

See Notes to Financial Statements

**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Non-Agency—continued</b>			<b>Non-Agency—continued</b>		
RCKT Mortgage Trust 2020-1, A1 144A			2019-INV1, A1 144A		
3.000%, 2/25/50 <sup>(1)(3)</sup>	\$378	\$389	3.402%, 12/25/59 <sup>(1)(3)</sup>	\$163	\$ 165
RCO V Mortgage LLC 2019-2, A1 144A			Visio Trust 2020-1R, A2 144A		
3.475%, 11/25/24 <sup>(1)(3)</sup>	194	194	1.567%, 11/25/55 <sup>(1)</sup>	166	166
Residential Asset Mortgage Products Trust 2004-SL1, A8			Wells Fargo Commercial Mortgage Trust 2014-C24, AS		
6.500%, 11/25/31	15	14	3.931%, 11/15/47	140	144
Residential Mortgage Loan Trust 2019-2, A1 144A			Wells Fargo Mortgage Backed Securities Trust 2020-4,		
2.913%, 5/25/59 <sup>(1)(3)</sup>	231	236	A1 144A		
Sequoia Mortgage Trust 2013-8, B1			3.000%, 7/25/50 <sup>(1)(3)</sup>	159	164
3.512%, 6/25/43 <sup>(3)</sup>	118	121			18,556
Starwood Mortgage Residential Trust					
2019-IMC1, A1 144A			<b>TOTAL MORTGAGE-BACKED SECURITIES</b>		
3.468%, 2/25/49 <sup>(1)(3)</sup>	219	220	<b>(Identified Cost \$18,738)</b>		<b>19,171</b>
2020-2, A1 144A					
2.718%, 4/25/60 <sup>(1)(3)</sup>	211	215	<b>ASSET-BACKED SECURITIES—10.9%</b>		
Sutherland Commercial Mortgage Loans 2017-SBC6, A			<b>Automobiles—6.3%</b>		
144A			American Credit Acceptance Receivables Trust		
3.192%, 5/25/37 <sup>(1)(3)</sup>	16	16	2018-4, C 144A		
Towd Point Mortgage Trust			3.970%, 1/13/25 <sup>(1)</sup>	236	238
2016-1, M1 144A			2020-4, D 144A		
3.500%, 2/25/55 <sup>(1)(3)</sup>	135	143	1.770%, 12/14/26 <sup>(1)</sup>	285	287
2015-5, A2 144A			AmeriCredit Automobile Receivables Trust		
3.500%, 5/25/55 <sup>(1)(3)</sup>	315	326	2018-1, D		
2017-1, M1 144A			3.820%, 3/18/24	295	310
3.750%, 10/25/56 <sup>(1)(3)</sup>	135	147	2020-3, C		
2017-4, A2 144A			1.060%, 8/18/26	230	231
3.000%, 6/25/57 <sup>(1)(3)</sup>	300	323	Avid Automobile Receivables Trust		
2017-6, A2 144A			2019-1, C 144A		
3.000%, 10/25/57 <sup>(1)(3)</sup>	300	319	3.140%, 7/15/26 <sup>(1)</sup>	355	362
2018-6, A2 144A			2019-1, D 144A		
3.750%, 3/25/58 <sup>(1)(3)</sup>	710	793	4.030%, 7/15/26 <sup>(1)</sup>	285	287
2018-SJ1, A1 144A			Avis Budget Rental Car Funding LLC (AESOP) 2020-2A,		
4.000%, 10/25/58 <sup>(1)(3)</sup>	30	30	A 144A		
2019-2, A2 144A			2.020%, 2/20/27 <sup>(1)</sup>	285	290
3.750%, 12/25/58 <sup>(1)(3)</sup>	290	320	Capital Auto Receivables Asset Trust 2017-1, D 144A		
2015-2, 1M1 144A			3.150%, 2/20/25 <sup>(1)</sup>	340	345
3.250%, 11/25/60 <sup>(1)(3)</sup>	315	326	CPS Auto Receivables Trust 2018-C, D 144A		
Tricon American Homes Trust			4.400%, 6/17/24 <sup>(1)</sup>	310	321
2019-SFR1, C 144A			Exeter Automobile Receivables Trust		
3.149%, 3/17/38 <sup>(1)</sup>	235	244	2018-4A, D 144A		
2020-SFR2, D 144A			4.350%, 9/16/24 <sup>(1)</sup>	365	382
2.281%, 11/17/39 <sup>(1)</sup>	225	222	2019-1A, D 144A		
TVC Mortgage Trust 2020-RTL1, A1 144A			4.130%, 12/16/24 <sup>(1)</sup>	355	370
3.474%, 9/25/24 <sup>(1)</sup>	240	242	2019-3A, C 144A		
VCAT LLC			2.790%, 5/15/24 <sup>(1)</sup>	295	301
2019-NPL2, A1 144A			Flagship Credit Auto Trust		
3.573%, 11/25/49 <sup>(1)(3)</sup>	137	138	2016-3, D 144A		
2020-NPL1, A1 144A			3.890%, 11/15/22 <sup>(1)</sup>	386	391
3.671%, 8/25/50 <sup>(1)(3)</sup>	130	131	2020-3, C 144A		
Vericrest Opportunity Loan Trust			1.730%, 9/15/26 <sup>(1)</sup>	285	292
2019-NPL2, A1 144A			Foursight Capital Automobile Receivables Trust		
3.967%, 2/25/49 <sup>(1)(3)</sup>	103	103	2017-1, B 144A		
2020-NPL2, A1A 144A			3.050%, 12/15/22 <sup>(1)</sup>	139	139
2.981%, 2/25/50 <sup>(1)(3)</sup>	79	79	2019-1, E 144A		
Vericrest Opportunity Loan Trust LXXXV LLC			4.300%, 9/15/25 <sup>(1)</sup>	285	296
2020-NPL1, A1A 144A			GLS Auto Receivables Issuer Trust		
3.228%, 1/25/50 <sup>(1)(3)</sup>	198	199	2019-4A, B 144A		
Verus Securitization Trust			2.780%, 9/16/24 <sup>(1)</sup>	425	437
2018-2, B1 144A			2020-3A, D 144A		
4.426%, 6/1/58 <sup>(1)(3)</sup>	415	433	2.270%, 5/15/26 <sup>(1)</sup>	285	292
2018-3, A1 144A					
4.108%, 10/25/58 <sup>(1)(3)</sup>	103	105			

See Notes to Financial Statements

**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Automobiles—continued</b>			<b>Other—continued</b>		
GLS Auto Receivables Trust			Oportun Funding VIII LLC 2018-A, A 144A		
2018-1A, B 144A			3.610%, 3/8/24 <sup>(1)</sup>	\$335	\$ 335
3.520%, 8/15/23 <sup>(1)</sup>	\$410	\$ 416	Regional Management Issuance Trust 2018-2, A 144A		
2018-3A, C 144A			4.560%, 1/18/28 <sup>(1)</sup>	295	298
4.180%, 7/15/24 <sup>(1)</sup>	455	474	Republic Finance Issuance Trust 2020-A, A 144A		
Hertz Vehicle Financing II LP			2.470%, 11/20/30 <sup>(1)</sup>	225	229
2016-4A, A 144A			Small Business Lending Trust 2020-A, A 144A		
2.650%, 7/25/22 <sup>(1)</sup>	84	85	2.620%, 12/15/26 <sup>(1)</sup>	84	84
2018-1A, A 144A					<u>5,072</u>
3.290%, 2/25/24 <sup>(1)</sup>	36	37			
Prestige Auto Receivables Trust 2019-1A, D 144A			<b>Student Loan—0.1%</b>		
3.010%, 8/15/25 <sup>(1)</sup>	295	305	SoFi Professional Loan Program LLC 2016-A, A2 144A		
Tricolor Auto Securitization Trust 2018-2A, B 144A			2.760%, 12/26/36 <sup>(1)</sup>	46	46
4.760%, 2/15/22 <sup>(1)</sup>	5	5			
United Auto Credit Securitization Trust 2019-1, E 144A			<b>TOTAL ASSET-BACKED SECURITIES</b>		
4.290%, 8/12/24 <sup>(1)</sup>	295	302	<b>(Identified Cost \$12,611)</b>		<b>12,886</b>
Veros Automobile Receivables Trust 2020-1, B 144A					
2.190%, 6/16/25 <sup>(1)</sup>	290	292			
		<u>7,487</u>	<b>CORPORATE BONDS AND NOTES—45.3%</b>		
<b>Consumer Loans—0.1%</b>			<b>Communication Services—5.0%</b>		
Marlette Funding Trust 2019-4A, A 144A			Altice France Holding S.A. 144A		
2.390%, 12/17/29 <sup>(1)</sup>	154	156	6.000%, 2/15/28 <sup>(1)</sup>	250	253
<b>Equipment—0.1%</b>			ANGI Group LLC 144A		
NMEF Funding LLC 2019-A, A 144A			3.875%, 8/15/28 <sup>(1)</sup>	115	117
2.730%, 8/17/26 <sup>(1)</sup>	124	125	Baidu, Inc.		
<b>Other—4.3%</b>			3.425%, 4/7/30	290	321
Amur Equipment Finance Receivables V LLC 2018-1A, A2 144A			Cable Onda S.A. 144A		
3.240%, 12/20/23 <sup>(1)</sup>	60	60	4.500%, 1/30/30 <sup>(1)</sup>	240	265
Aqua Finance Trust 2019-A, C 144A			Cars.com, Inc. 144A		
4.010%, 7/16/40 <sup>(1)</sup>	355	366	6.375%, 11/1/28 <sup>(1)</sup>	120	127
Arby's Funding LLC 2020-1A, A2 144A			CCO Holdings LLC		
3.237%, 7/30/50 <sup>(1)</sup>	279	286	144A 4.750%, 3/1/30 <sup>(1)</sup>	115	124
Business Jet Securities LLC			144A 4.500%, 8/15/30 <sup>(1)</sup>	150	159
2019-1, A 144A			Cincinnati Bell, Inc. 144A		
4.212%, 7/15/34 <sup>(1)</sup>	131	134	7.000%, 7/15/24 <sup>(1)</sup>	175	182
2020-1A, A 144A			Clear Channel Worldwide Holdings, Inc.		
2.981%, 11/15/35 <sup>(1)</sup>	199	202	9.250%, 2/15/24	62	63
BXG Receivables Note Trust 2020-A, B 144A			144A 5.125%, 8/15/27 <sup>(1)</sup>	80	81
2.490%, 2/28/36 <sup>(1)</sup>	264	265	Consolidated Communications, Inc. 144A		
Conn's Receivables Funding LLC 2020-A, B 144A			6.500%, 10/1/28 <sup>(1)</sup>	80	86
4.270%, 6/16/25 <sup>(1)</sup>	225	226	CSC Holdings LLC 144A		
Diamond Resorts Owner Trust 2017-1A, A 144A			4.625%, 12/1/30 <sup>(1)</sup>	200	209
3.270%, 10/22/29 <sup>(1)</sup>	83	84	Diamond Sports Group LLC		
Hardee's Funding LLC 2020-1A, A2 144A			144A 5.375%, 8/15/26 <sup>(1)</sup>	105	85
3.981%, 12/20/50 <sup>(1)</sup>	285	292	144A 6.625%, 8/15/27 <sup>(1)(4)</sup>	180	109
HIN Timeshare Trust 2020-A, C 144A			DISH DBS Corp.		
3.420%, 10/9/39 <sup>(1)</sup>	306	316	5.875%, 7/15/22	125	131
Jersey Mike's Funding 2019-1A, A2 144A			7.750%, 7/1/26	110	123
4.433%, 2/15/50 <sup>(1)</sup>	295	315	Frontier Communications Corp. 144A		
Lendmark Funding Trust 2018-2A, A 144A			6.750%, 5/1/29 <sup>(1)</sup>	110	118
4.230%, 4/20/27 <sup>(1)</sup>	360	370	iHeartCommunications, Inc.		
Mariner Finance Issuance Trust 2020-AA, A 144A			8.375%, 5/1/27	106	113
2.190%, 8/21/34 <sup>(1)</sup>	285	289	Level 3 Financing, Inc.		
NMEF Funding LLC 2019-A, C 144A			144A 4.250%, 7/1/28 <sup>(1)</sup>	145	149
3.300%, 8/17/26 <sup>(1)</sup>	240	246	144A 3.625%, 1/15/29 <sup>(1)</sup>	55	55
Octane Receivables Trust 2020-1A, B 144A			Live Nation Entertainment, Inc.		
1.980%, 6/20/25 <sup>(1)</sup>	335	337	144A 5.625%, 3/15/26 <sup>(1)</sup>	55	56
OneMain Financial Issuance Trust 2018-1A, A 144A			144A 4.750%, 10/15/27 <sup>(1)</sup>	175	180
3.300%, 3/14/29 <sup>(1)</sup>	335	338	McGraw-Hill Global Education Holdings LLC Senior		
			Unsecured Notes 144A		
			7.875%, 5/15/24 <sup>(1)</sup>	170	155

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	Par Value	Value		Par Value	Value
<b>Communication Services—continued</b>			<b>Consumer Discretionary—continued</b>		
Meredith Corp.			Downstream Development Authority of the Quapaw Tribe		
6.875%, 2/1/26	\$145	\$ 141	of Oklahoma 144A		
Nexstar Broadcasting, Inc. 144A			10.500%, 2/15/23 <sup>(1)</sup>	\$185	\$ 188
4.750%, 11/1/28 <sup>(1)</sup>	115	120	FirstCash, Inc. 144A		
Northwest Fiber LLC 144A			4.625%, 9/1/28 <sup>(1)</sup>	95	98
10.750%, 6/1/28 <sup>(1)</sup>	105	120	Ford Motor Co.		
Outfront Media Capital LLC 144A			9.000%, 4/22/25	162	199
6.250%, 6/15/25 <sup>(1)</sup>	160	169	Gateway Casinos & Entertainment Ltd. 144A		
Radiate Holdco LLC			8.250%, 3/1/24 <sup>(1)</sup>	285	268
144A 4.500%, 9/15/26 <sup>(1)</sup>	40	41	General Motors Co.		
144A 6.500%, 9/15/28 <sup>(1)</sup>	110	115	6.800%, 10/1/27	145	186
Sprint Corp.			Golden Nugget, Inc. 144A		
7.875%, 9/15/23	105	122	8.750%, 10/1/25 <sup>(1)(4)</sup>	130	134
Sprint Spectrum Co. LLC			Hanesbrands, Inc. 144A		
144A 3.360%, 9/20/21 <sup>(1)</sup>	37	38	5.375%, 5/15/25 <sup>(1)</sup>	165	175
144A 5.152%, 3/20/28 <sup>(1)</sup>	200	231	Lear Corp.		
Telesat Canada 144A			3.800%, 9/15/27	290	325
6.500%, 10/15/27 <sup>(1)</sup>	300	313	M/I Homes, Inc.		
Tencent Holdings Ltd. 144A			4.950%, 2/1/28	160	169
3.975%, 4/11/29 <sup>(1)</sup>	400	456	Marriott Ownership Resorts, Inc.		
TripAdvisor, Inc. 144A			4.750%, 1/15/28	125	127
7.000%, 7/15/25 <sup>(1)</sup>	90	97	MGM Growth Properties Operating Partnership LP		
Twitter, Inc. 144A			5.750%, 2/1/27	85	95
3.875%, 12/15/27 <sup>(1)</sup>	260	277	144A 4.625%, 6/15/25 <sup>(1)</sup>	25	27
Univision Communications, Inc.			NCL Corp., Ltd. 144A		
144A 5.125%, 2/15/25 <sup>(1)</sup>	175	176	5.875%, 3/15/26 <sup>(1)</sup>	45	47
144A 6.625%, 6/1/27 <sup>(1)</sup>	45	48	Nissan Motor Co. Ltd. 144A		
Virgin Media Finance plc 144A			4.810%, 9/17/30 <sup>(1)</sup>	200	225
5.000%, 7/15/30 <sup>(1)</sup>	220	228	PulteGroup, Inc.		
		5,953	7.875%, 6/15/32	135	202
<b>Consumer Discretionary—4.4%</b>			Royal Caribbean Cruises Ltd. 144A		
99 Escrow Issuer, Inc. 144A			9.125%, 6/15/23 <sup>(1)</sup>	30	33
7.500%, 1/15/26 <sup>(1)</sup>	10	10	Scientific Games International, Inc.		
American Axle & Manufacturing, Inc.			144A 8.250%, 3/15/26 <sup>(1)</sup>	80	86
6.500%, 4/1/27	110	116	144A 7.000%, 5/15/28 <sup>(1)</sup>	40	43
American Builders & Contractors Supply Co., Inc. 144A			Station Casinos LLC 144A		
4.000%, 1/15/28 <sup>(1)</sup>	165	171	4.500%, 2/15/28 <sup>(1)</sup>	135	136
Aramark Services, Inc. 144A			Under Armour, Inc.		
6.375%, 5/1/25 <sup>(1)</sup>	165	176	3.250%, 6/15/26	170	171
Block Financial LLC			Vista Outdoor, Inc.		
3.875%, 8/15/30	320	346	5.875%, 10/1/23	125	126
Caesars Entertainment, Inc.			Weekley Homes LLC 144A		
144A 6.250%, 7/1/25 <sup>(1)</sup>	55	59	4.875%, 9/15/28 <sup>(1)</sup>	210	220
144A 8.125%, 7/1/27 <sup>(1)</sup>	40	44	Wynn Macau Ltd. 144A		
Caesars Resort Collection LLC 144A			5.625%, 8/26/28 <sup>(1)</sup>	285	299
5.750%, 7/1/25 <sup>(1)</sup>	5	5			5,176
Carnival Corp.			<b>Consumer Staples—1.5%</b>		
144A 11.500%, 4/1/23 <sup>(1)</sup>	40	46	Albertsons Cos., Inc. 144A		
144A 7.625%, 3/1/26 <sup>(1)</sup>	25	27	4.625%, 1/15/27 <sup>(1)</sup>	235	250
Carvana Co.			Altria Group, Inc.		
144A 5.625%, 10/1/25 <sup>(1)</sup>	90	92	4.800%, 2/14/29	360	432
144A 5.875%, 10/1/28 <sup>(1)</sup>	90	94	Anheuser-Busch InBev Worldwide, Inc.		
Clarios Global LP 144A			4.750%, 1/23/29	265	327
8.500%, 5/15/27 <sup>(1)</sup>	90	98	BAT Capital Corp.		
Cooper-Standard Automotive, Inc. 144A			4.906%, 4/2/30	245	296
13.000%, 6/1/24 <sup>(1)</sup>	110	129	Chobani LLC 144A		
Dana, Inc.			7.500%, 4/15/25 <sup>(1)</sup>	180	189
5.375%, 11/15/27	154	163	Kraft Heinz Foods Co. 144A		
Dave & Buster's, Inc. 144A			3.875%, 5/15/27 <sup>(1)</sup>	105	113
7.625%, 11/1/25 <sup>(1)</sup>	20	21	Kronos Acquisition Holdings, Inc.		
			144A 9.000%, 8/15/23 <sup>(1)</sup>	100	102

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	Par Value	Value		Par Value	Value
<b>Consumer Staples—continued</b>			<b>Energy—continued</b>		
144A 5.000%, 12/31/26 <sup>(1)</sup>	\$ 5	\$ 5	6.125%, 1/1/31	\$ 80	\$ 86
144A 7.000%, 12/31/27 <sup>(1)</sup>	25	26	Odebrecht Oil & Gas Finance Ltd. 144A		
		<u>1,740</u>	0.000% <sup>(1)(6)</sup>	60	— <sup>(7)</sup>
<b>Energy—6.8%</b>			Parsley Energy LLC 144A		
Aker BP ASA 144A			4.125%, 2/15/28 <sup>(1)</sup>	110	117
2.875%, 1/15/26 <sup>(1)</sup>	150	153	Patterson-UTI Energy, Inc.		
Alliance Resource Operating Partners LP 144A			5.150%, 11/15/29	180	165
7.500%, 5/1/25 <sup>(1)</sup>	225	191	Pertamina Persero PT 144A		
Antero Midstream Partners LP			6.450%, 5/30/44 <sup>(1)</sup>	320	434
144A 7.875%, 5/15/26 <sup>(1)</sup>	80	83	Petrobras Global Finance B.V.		
144A 5.750%, 1/15/28 <sup>(1)</sup>	105	101	5.999%, 1/27/28	180	211
Apache Corp.			5.600%, 1/3/31	105	121
4.625%, 11/15/25	110	115	Petroleos de Venezuela S.A. 144A		
Ascent Resources Utica Holdings LLC 144A			6.000%, 5/16/24 <sup>(1)(5)</sup>	650	23
8.250%, 12/31/28 <sup>(1)</sup>	100	100	Petroleos Mexicanos		
Blue Racer Midstream LLC			6.875%, 8/4/26	170	186
144A 7.625%, 12/15/25 <sup>(1)</sup>	5	5	5.950%, 1/28/31	305	304
144A 6.625%, 7/15/26 <sup>(1)</sup>	135	136	6.375%, 1/23/45	185	170
BP Capital Markets plc			6.350%, 2/12/48	300	272
4.875% <sup>(6)</sup>	275	307	Petronas Capital Ltd. 144A		
Callon Petroleum Co.			3.500%, 4/21/30 <sup>(1)</sup>	220	252
6.125%, 10/1/24	101	58	Plains All American Pipeline LP		
Cheniere Energy Partners LP			3.800%, 9/15/30	270	290
5.625%, 10/1/26	65	68	Sabine Pass Liquefaction LLC		
Cheniere Energy, Inc. 144A			4.200%, 3/15/28	175	201
4.625%, 10/15/28 <sup>(1)</sup>	65	68	Sunoco LP 144A		
Cimarex Energy Co.			4.500%, 5/15/29 <sup>(1)</sup>	175	182
4.375%, 3/15/29	265	302	Targa Resources Partners LP		
Citgo Holding, Inc. 144A			5.875%, 4/15/26	125	132
9.250%, 8/1/24 <sup>(1)</sup>	55	51	144A 4.875%, 2/1/31 <sup>(1)</sup>	45	49
Citgo Petroleum Corp. 144A			Transocean, Inc. 144A		
7.000%, 6/15/25 <sup>(1)</sup>	110	110	11.500%, 1/30/27 <sup>(1)</sup>	59	42
Concho Resources, Inc.			USA Compression Partners LP		
2.400%, 2/15/31	350	366	6.875%, 4/1/26	55	57
Continental Resources, Inc.			WPX Energy, Inc.		
4.375%, 1/15/28	125	127	4.500%, 1/15/30	220	233
CrownRock LP 144A					<u>8,120</u>
5.625%, 10/15/25 <sup>(1)</sup>	135	138	<b>Financials—9.1%</b>		
Energy Transfer Partners LP			Acrisure LLC		
5.000%, 10/1/22	314	333	144A 8.125%, 2/15/24 <sup>(1)</sup>	80	85
EQM Midstream Partners LP			144A 7.000%, 11/15/25 <sup>(1)</sup>	165	172
144A 6.000%, 7/1/25 <sup>(1)</sup>	45	49	AerCap Ireland Capital DAC		
144A 6.500%, 7/1/27 <sup>(1)</sup>	50	56	3.650%, 7/21/27	150	163
HollyFrontier Corp.			Allstate Corp. (The) Series B		
5.875%, 4/1/26	360	402	5.750%, 8/15/53	280	300
KazMunayGas National Co., JSC 144A			Ascot Group Ltd. 144A		
4.750%, 4/19/27 <sup>(1)</sup>	395	458	4.250%, 12/15/30 <sup>(1)</sup>	134	137
Kinder Morgan, Inc.			Athene Global Funding 144A		
7.750%, 1/15/32	225	326	2.450%, 8/20/27 <sup>(1)</sup>	340	352
Mesquite Energy, Inc. 144A			Australia & New Zealand Banking Group Ltd. 144A		
7.250%, 2/15/23 <sup>(1)</sup>	120	1	4.400%, 5/19/26 <sup>(1)</sup>	335	385
Northriver Midstream Finance LP 144A			Banco de Credito e Inversiones S.A. 144A		
5.625%, 2/15/26 <sup>(1)</sup>	120	124	3.500%, 10/12/27 <sup>(1)</sup>	215	238
NuStar Logistics LP			Bank of America Corp.		
6.375%, 10/1/30	40	45	4.200%, 8/26/24	223	250
Occidental Petroleum Corp.			Bank of Montreal		
2.700%, 8/15/22	55	55	3.803%, 12/15/32	326	369
5.875%, 9/1/25	80	85	BBVA Bancomer S.A. 144A		
5.500%, 12/1/25	5	5	5.125%, 1/18/33 <sup>(1)</sup>	275	296
3.500%, 8/15/29	55	50	Brighthouse Financial, Inc.		
6.625%, 9/1/30	115	125	3.700%, 6/22/27	60	65

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	Par Value	Value		Par Value	Value
<b>Financials—continued</b>			<b>Health Care—2.9%</b>		
5.625%, 5/15/30	\$210	\$ 259	AdaptHealth LLC 144A		
Brightsphere Investment Group, Inc.			4.625%, 8/1/29 <sup>(1)</sup>	\$ 20	\$ 21
4.800%, 7/27/26	270	290	Advanz Pharma Corp., Ltd.		
Capital One Financial Corp.			8.000%, 9/6/24	41	41
3.750%, 7/28/26	350	397	Akumin, Inc. 144A		
Charles Schwab Corp. (The) Series H			7.000%, 11/1/25 <sup>(1)</sup>	125	131
4.000% <sup>(6)</sup>	285	300	Avantor Funding, Inc. 144A		
Citadel LP 144A			4.625%, 7/15/28 <sup>(1)</sup>	20	21
4.875%, 1/15/27 <sup>(1)</sup>	235	256	Bausch Health Americas, Inc. 144A		
Citigroup, Inc.			9.250%, 4/1/26 <sup>(1)</sup>	90	100
3.980%, 3/20/30	265	312	Bausch Health Cos., Inc. 144A		
Discover Bank			7.000%, 1/15/28 <sup>(1)</sup>	140	154
4.682%, 8/9/28	340	361	Centene Corp.		
Drawbridge Special Opportunities Fund LP 144A			4.625%, 12/15/29	100	111
5.000%, 8/1/21 <sup>(1)</sup>	440	444	Change Healthcare Holdings LLC 144A		
Fairfax Financial Holdings Ltd.			5.750%, 3/1/25 <sup>(1)</sup>	145	148
4.850%, 4/17/28	365	408	Cheplapharm Arzneimittel GmbH 144A		
Goldman Sachs Group, Inc. (The)			5.500%, 1/15/28 <sup>(1)</sup>	200	209
3.850%, 1/26/27	280	319	Community Health Systems, Inc. 144A		
ICAHN Enterprises LP			6.625%, 2/15/25 <sup>(1)</sup>	110	116
6.250%, 5/15/26	155	164	DaVita, Inc. 144A		
InterCorp Peru Ltd. 144A			3.750%, 2/15/31 <sup>(1)</sup>	130	132
3.875%, 8/15/29 <sup>(1)</sup>	235	244	Endo Dac 144A		
Jefferies Financial Group, Inc.			6.000%, 7/15/23 <sup>(1)</sup>	100	85
5.500%, 10/18/23	100	110	HCA, Inc.		
Jefferies Group LLC			5.625%, 9/1/28	90	106
4.850%, 1/15/27	60	70	Herbalife Nutrition Ltd. 144A		
JPMorgan Chase & Co.			7.875%, 9/1/25 <sup>(1)</sup>	215	235
2.950%, 10/1/26	475	527	Jaguar Holding Co. II 144A		
2.956%, 5/13/31	540	592	5.000%, 6/15/28 <sup>(1)</sup>	90	96
Ladder Capital Finance Holdings LLLP 144A			Legacy LifePoint Health LLC		
4.250%, 2/1/27 <sup>(1)</sup>	130	128	144A 6.750%, 4/15/25 <sup>(1)</sup>	50	54
Liberty Mutual Insurance Co. 144A			144A 4.375%, 2/15/27 <sup>(1)</sup>	85	86
8.500%, 5/15/25 <sup>(1)</sup>	25	31	LifePoint Health, Inc. 144A		
Lincoln National Corp. (3 month LIBOR + 2.040%)			5.375%, 1/15/29 <sup>(1)</sup>	45	45
2.258%, 4/20/67 <sup>(3)</sup>	365	273	Ortho-Clinical Diagnostics, Inc. 144A		
MetLife, Inc. Series G			7.375%, 6/1/25 <sup>(1)</sup>	55	59
3.850% <sup>(6)</sup>	245	259	Par Pharmaceutical, Inc. 144A		
Navient Corp.			7.500%, 4/1/27 <sup>(1)</sup>	75	81
6.750%, 6/25/25	120	131	Perrigo Finance Unlimited Co.		
NMI Holdings, Inc. 144A			4.375%, 3/15/26	300	339
7.375%, 6/1/25 <sup>(1)</sup>	70	78	Royalty Pharma plc 144A		
OneMain Finance Corp.			2.200%, 9/2/30 <sup>(1)</sup>	213	219
7.125%, 3/15/26	110	130	Select Medical Corp. 144A		
Prudential Financial, Inc.			6.250%, 8/15/26 <sup>(1)</sup>	105	113
5.875%, 9/15/42	280	300	Surgery Center Holdings, Inc.		
Santander Holdings USA, Inc.			144A 6.750%, 7/1/25 <sup>(1)</sup>	35	36
4.400%, 7/13/27	200	229	144A 10.000%, 4/15/27 <sup>(1)</sup>	100	110
Synovus Financial Corp.			Syneos Health, Inc. 144A		
5.900%, 2/7/29	109	118	3.625%, 1/15/29 <sup>(1)</sup>	30	30
Toronto-Dominion Bank (The)			Tenet Healthcare Corp.		
3.625%, 9/15/31	295	334	4.625%, 7/15/24	70	72
Voya Financial, Inc.			144A 5.125%, 11/1/27 <sup>(1)</sup>	80	85
5.650%, 5/15/53	240	254	144A 7.500%, 4/1/25 <sup>(1)</sup>	15	16
Wells Fargo & Co. Series S			Teva Pharmaceutical Finance Netherlands III B.V.		
5.900% <sup>(6)</sup>	300	318	3.150%, 10/1/26	215	207
Zions Bancorp NA			West Street Merger Sub, Inc. 144A		
3.250%, 10/29/29	350	369	6.375%, 9/1/25 <sup>(1)</sup>	230	236
		<u>10,817</u>			<u>3,494</u>

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	Par Value	Value		Par Value	Value
<b>Industrials—3.9%</b>			<b>Information Technology—continued</b>		
Allied Universal Holdco LLC 144A 6.625%, 7/15/26 <sup>(1)</sup>	\$195	\$ 208	HP, Inc. 3.400%, 6/17/30	\$345	\$ 384
American Airlines, Inc. 144A 11.750%, 7/15/25 <sup>(1)</sup>	235	271	J2 Global, Inc. 144A 4.625%, 10/15/30 <sup>(1)</sup>	110	116
Ashtead Capital, Inc. 144A 4.375%, 8/15/27 <sup>(1)</sup>	360	380	Leidos, Inc. 144A 2.300%, 2/15/31 <sup>(1)</sup>	310	316
Aviation Capital Group LLC 144A 3.500%, 11/1/27 <sup>(1)</sup>	355	355	Microchip Technology, Inc. 144A 4.250%, 9/1/25 <sup>(1)</sup>	170	180
Avolon Holdings Funding Ltd. 144A 4.375%, 5/1/26 <sup>(1)</sup>	188	203	Motorola Solutions, Inc. 4.600%, 2/23/28	168	202
Boeing Co. (The) 5.150%, 5/1/30	175	212	4.600%, 5/23/29	120	144
3.750%, 2/1/50	85	89	NCR Corp. 144A 5.250%, 10/1/30 <sup>(1)</sup>	20	22
5.930%, 5/1/60	69	98	Open Text Holdings, Inc. 144A 4.125%, 2/15/30 <sup>(1)</sup>	145	154
Bombardier, Inc. 144A 8.750%, 12/1/21 <sup>(1)</sup>	125	130	Science Applications International Corp. 144A 4.875%, 4/1/28 <sup>(1)</sup>	220	233
CoStar Group, Inc. 144A 2.800%, 7/15/30 <sup>(1)</sup>	285	296	Seagate HDD Cayman 144A 3.375%, 7/15/31 <sup>(1)</sup>	120	121
CP Atlas Buyer, Inc. 144A 7.000%, 12/1/28 <sup>(1)</sup>	135	140	Veritas US, Inc. 144A 7.500%, 9/1/25 <sup>(1)</sup>	165	169
Fortress Transportation & Infrastructure Investors LLC 144A 6.500%, 10/1/25 <sup>(1)</sup>	15	16	ViaSat, Inc. 144A 5.625%, 9/15/25 <sup>(1)</sup>	175	179
144A 9.750%, 8/1/27 <sup>(1)</sup>	25	29	VMware, Inc. 3.900%, 8/21/27	175	197
GFL Environmental, Inc. 144A 8.500%, 5/1/27 <sup>(1)</sup>	72	80	4.700%, 5/15/30	125	150
144A 4.000%, 8/1/28 <sup>(1)</sup>	85	86	Xerox Holdings Corp. 144A 5.500%, 8/15/28 <sup>(1)</sup>	135	143
Hillenbrand, Inc. 5.000%, 9/15/26	255	286			<u>3,919</u>
Howmet Aerospace, Inc. 6.875%, 5/1/25	115	136			
LBM Acquisition LLC 144A 6.250%, 1/15/29 <sup>(1)</sup>	155	161	<b>Materials—3.6%</b>		
Norwegian Air Shuttle ASA Pass-Through Trust 2016-1, A 144A 4.875%, 5/10/28 <sup>(1)</sup>	279	255	ARD Finance S.A. PIK 144A 6.500%, 6/30/27 <sup>(1)(8)</sup>	235	251
Signature Aviation US Holdings, Inc. 144A 4.000%, 3/1/28 <sup>(1)</sup>	180	181	Avient Corp. 144A 5.750%, 5/15/25 <sup>(1)</sup>	215	228
Spirit AeroSystems, Inc. 3.950%, 6/15/23	65	64	Chemours Co. (The) 144A 5.750%, 11/15/28 <sup>(1)</sup>	110	112
144A 5.500%, 1/15/25 <sup>(1)</sup>	110	116	Cleveland-Cliffs, Inc. 144A 6.750%, 3/15/26 <sup>(1)</sup>	170	184
Standard Industries, Inc. 144A 4.375%, 7/15/30 <sup>(1)</sup>	185	198	Equate Petrochemical BV 144A 4.250%, 11/3/26 <sup>(1)</sup>	340	379
Stanley Black & Decker, Inc. 4.000%, 3/15/60	267	284	Hecla Mining Co. 7.250%, 2/15/28	200	218
Titan Acquisition Ltd. 144A 7.750%, 4/15/26 <sup>(1)</sup>	120	124	Inversiones CMPC S.A. 144A 3.850%, 1/13/30 <sup>(1)</sup>	350	392
Uber Technologies, Inc. 144A 7.500%, 5/15/25 <sup>(1)</sup>	200	216	Kaiser Aluminum Corp. 144A 6.500%, 5/1/25 <sup>(1)</sup>	20	21
		<u>4,614</u>	144A 4.625%, 3/1/28 <sup>(1)</sup>	120	125
<b>Information Technology—3.3%</b>			Kraton Polymers LLC 144A 7.000%, 4/15/25 <sup>(1)</sup>	170	179
Banff Merger Sub, Inc. 144A 9.750%, 9/1/26 <sup>(1)</sup>	80	86	144A 4.250%, 12/15/25 <sup>(1)</sup>	35	36
Black Knight InfoServ LLC 144A 3.625%, 9/1/28 <sup>(1)</sup>	125	128	Mauser Packaging Solutions Holding Co. 144A 7.250%, 4/15/25 <sup>(1)</sup>	185	187
Broadcom, Inc. 4.150%, 11/15/30	280	324	Novelis Corp. 144A 4.750%, 1/30/30 <sup>(1)</sup>	220	237
Citrix Systems, Inc. 3.300%, 3/1/30	420	464	Nutrition & Biosciences, Inc. 144A 2.300%, 11/1/30 <sup>(1)</sup>	230	237
Dell International LLC 144A 8.100%, 7/15/36 <sup>(1)</sup>	140	207	Olin Corp. 5.625%, 8/1/29	115	125
			Schweitzer-Mauduit International, Inc. 144A 6.875%, 10/1/26 <sup>(1)</sup>	175	185

See Notes to Financial Statements

**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Materials—continued</b>			<b>Utilities—continued</b>		
Syngenta Finance N.V. 144A 4.441%, 4/24/23 <sup>(1)</sup>	\$400	\$ 420	Talen Energy Supply LLC 144A 7.250%, 5/15/27 <sup>(1)</sup>	\$ 55	\$ 58
Teck Resources Ltd. 6.125%, 10/1/35	260	335	144A 6.625%, 1/15/28 <sup>(1)</sup>	150	157
TPC Group, Inc. 144A 10.500%, 8/1/24 <sup>(1)</sup>	55	45	TerraForm Power Operating LLC 144A 5.000%, 1/31/28 <sup>(1)</sup>	110	124
Trident TPI Holdings, Inc. 144A 9.250%, 8/1/24 <sup>(1)</sup>	115	122	Texas Competitive Electric Holdings Co. 144A 11.500%, 10/1/20 <sup>(1)(9)</sup>	465	—
144A 6.625%, 11/1/25 <sup>(1)</sup>	130	132	Vistra Operations Co. LLC 144A 3.700%, 1/30/27 <sup>(1)</sup>	265	292
United States Steel Corp. 144A 12.000%, 6/1/25 <sup>(1)</sup>	160	185			3,164
		4,335	<b>TOTAL CORPORATE BONDS AND NOTES</b> <b>(Identified Cost \$50,822)</b>		<b>53,882</b>
<b>Real Estate—2.1%</b>			<b>LEVERAGED LOANS<sup>(3)</sup>—10.0%</b>		
EPR Properties 4.750%, 12/15/26	130	131	<b>Aerospace—0.5%</b>		
ESH Hospitality, Inc. 144A 4.625%, 10/1/27 <sup>(1)</sup>	175	179	AI Convoy (Luxembourg) S.a.r.l. Tranche B (6 month LIBOR + 3.500%)	179	178
GLP Capital LP 5.250%, 6/1/25	185	208	4.500%, 1/18/27		
5.750%, 6/1/28	64	76	Amentum Government Services Holdings LLC First Lien, Tranche 2 (3 month LIBOR + 4.750%)	95	96
5.300%, 1/15/29	95	111	5.500%, 1/29/27		
Iron Mountain, Inc. 144A 4.875%, 9/15/29 <sup>(1)</sup>	245	259	Mileage Plus Holdings, LLC (3 month LIBOR + 5.250%) 6.250%, 6/21/27	165	172
iStar, Inc. 4.250%, 8/1/25	175	173	TransDigm, Inc. Tranche E (1 month LIBOR + 2.250%)	53	52
MPT Operating Partnership LP 5.000%, 10/15/27	125	133	2.397%, 5/30/25	45	44
4.625%, 8/1/29	45	48	Tranche F (1 month LIBOR + 2.250%) 2.397%, 12/9/25	29	28
3.500%, 3/15/31	145	150	Tranche G (1 month LIBOR + 2.250%) 2.397%, 8/22/24		570
Office Properties Income Trust 4.500%, 2/1/25	385	408	<b>Chemicals—0.2%</b>		
Service Properties Trust 4.950%, 2/15/27	195	196	Aruba Investments Holdings LLC First Lien (3 month LIBOR + 4.000%)	95	95
Spirit Realty LP 3.200%, 2/15/31	295	313	4.750%, 11/24/27		
Uniti Group LP 8.250%, 10/15/23	105	106	Innophos Holdings, Inc. (1 month LIBOR + 3.500%) 3.647%, 2/5/27	109	109
144A 7.875%, 2/15/25 <sup>(1)</sup>	55	59			204
		2,550	<b>Consumer Non-Durables—0.6%</b>		
<b>Utilities—2.7%</b>			American Greetings Corp. (1 month LIBOR + 4.500%) 5.500%, 4/6/24	78	78
American Electric Power Co., Inc. 2.300%, 3/1/30	332	346	Diamond (BC) B.V. (3 month LIBOR + 3.000%)	233	229
CMS Energy Corp. 4.750%, 6/1/50	275	310	3.214%, 9/6/24		
Dominion Energy, Inc. 3.375%, 4/1/30	265	302	(3 month LIBOR + 5.000%) 6.000%, 9/6/24	60	60
DPL, Inc. 4.350%, 4/15/29	164	184	Parfums Holding Co., Inc. First Lien (3 month LIBOR + 4.000%)	108	107
Edison International 4.125%, 3/15/28	285	318	4.000%, 6/30/24	151	124
Exelon Corp. 3.497%, 6/1/22	255	265	Rodan & Fields LLC (1 month LIBOR + 4.000%) 4.159%, 6/16/25	134	131
Ferrellgas Partners LP 8.625%, 6/15/20 <sup>(5)</sup>	50	13	ZEP, Inc. First Lien (3 month LIBOR + 4.000%) 5.000%, 8/12/24		729
National Fuel Gas Co. 5.500%, 1/15/26	230	265			
Perusahaan Listrik Negara PT 144A 4.125%, 5/15/27 <sup>(1)</sup>	390	431			
PG&E Corp. 5.250%, 7/1/30	90	99			

See Notes to Financial Statements

## (\$ reported in thousands)

See Notes to Financial Statements

**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Healthcare—continued</b>			<b>Information Technology—continued</b>		
Navicare, Inc. (1 month LIBOR + 4.000%) 4.147%, 10/22/26 Tranche B (1 month LIBOR + 4.000%) 4.750%, 10/22/26	\$ 84	\$ 84	Hyland Software, Inc. 2018 (1 month LIBOR + 3.500%) 4.250%, 7/1/24	\$159	\$ 160
One Call Corp. First Lien (3 month LIBOR + 5.250%) 6.250%, 11/27/22	40	40	Masergy Holdings, Inc. 2017, First Lien (3 month LIBOR + 3.250%) 4.250%, 12/15/23	115	113
Ortho-Clinical Diagnostics, Inc. (1 month LIBOR + 3.250%) 3.398%, 6/30/25	252	243	Sophia LP (3 month LIBOR + 3.750%) 4.500%, 10/7/27	140	140
Packaging Coordinators Midco, Inc. Tranche B, First Lien (6 month LIBOR + 3.750%) 4.500%, 11/30/27	68	66	Ultimate Software Group, Inc. (The) 2020 (3 month LIBOR + 4.000%) 4.750%, 5/4/26	179	180
Pearl Intermediate Parent LLC First Lien (1 month LIBOR + 2.750%) 2.897%, 2/14/25	120	120	Second Lien (3 month LIBOR + 6.750%) 7.500%, 5/3/27	5	5
PetVet Care Centers LLC 2020, First Lien (1 month LIBOR + 4.250%) 5.250%, 2/14/25	180	176	Vertiv Group Corp. (1 month LIBOR + 3.000%) 3.153%, 3/2/27	45	44
Phoenix Guarantor, Inc. Tranche B (1 month LIBOR + 3.750%) 4.250%, 3/5/26 Tranche B-1 (1 month LIBOR + 3.250%) 3.402%, 3/5/26	25	25	Virtusa Corp. Tranche B (3 month LIBOR + 4.250%) 0.000%, 12/9/27 <sup>(12)</sup>	20	20
Pluto Acquisition I, Inc. 2020, First Lien (3 month LIBOR + 5.000%) 0.000%, 6/22/26 <sup>(12)</sup>	188	187			<u>1,444</u>
Precision Medicine Group LLC (3 month LIBOR + 3.750%) 4.500%, 11/18/27 (3 month LIBOR + 3.750%) 3.750%, 11/18/27 <sup>(11)</sup>	100	100	<b>Manufacturing—0.7%</b>		
Southern Veterinary Partners LLC (3 month LIBOR + 2.000%) 2.000%, 10/1/27 <sup>(11)</sup> First Lien (3 month LIBOR + 4.000%) 5.000%, 10/5/27	97	97	Alliance Laundry Systems LLC Tranche B (3 month LIBOR + 3.500%) 4.250%, 10/8/27	110	110
Surgery Center Holdings, Inc. 2020 (1 month LIBOR + 8.000%) 9.000%, 9/30/24	13	13	Backyard Acquireco, Inc. (3 month LIBOR + 4.000%) 4.750%, 11/2/27	115	115
Viant Medical Holdings, Inc. First Lien (1 month LIBOR + 3.750%) 3.897%, 7/2/25	19	19	CPI Acquisition, Inc. First Lien (3 month LIBOR + 4.500%) 5.500%, 8/17/22	128	117
	139	139	DXP Enterprises, Inc. (1 month LIBOR + 4.750%) 5.750%, 12/16/27 <sup>(9)</sup>	100	99
	25	25	Filtration Group Corp. (3 month LIBOR + 3.000%) 3.147%, 3/31/25 Tranche A (1 month LIBOR + 3.750%) 4.500%, 3/29/25	111	110
	198	191	Star US Bidco LLC (1 month LIBOR + 4.250%) 5.250%, 3/17/27	75	75
		<u>2,887</u>	U.S. Farathane LLC Tranche B-4 (3 month LIBOR + 3.500%) 4.500%, 12/23/21	144	141
				118	109
					<u>876</u>
			<b>Media / Telecom - Broadcasting—0.1%</b>		
			Diamond Sports Group LLC (1 month LIBOR + 3.250%) 3.400%, 8/24/26	89	78
<b>Information Technology—1.2%</b>			<b>Media / Telecom - Cable/Wireless Video—0.1%</b>		
Applied Systems, Inc. Second Lien (3 month LIBOR + 7.000%) 8.000%, 9/19/25	112	113	Intelsat Jackson Holdings S.A. Tranche B-5 (6 month LIBOR + 8.625%) 8.625%, 1/2/24 <sup>(10)</sup>	79	80
Aston Finco S.a.r.l. First Lien (3 month LIBOR + 4.250%) 4.403%, 10/9/26	114	113	Radiate Holdco LLC Tranche B (1 month LIBOR + 3.500%) 4.250%, 9/25/26	22	22
Barracuda Networks, Inc. First Lien (3 month LIBOR + 3.750%) 4.500%, 2/12/25	120	119			<u>102</u>
Boxer Parent Co., Inc. (1 month LIBOR + 4.250%) 4.397%, 10/2/25	183	182	<b>Media / Telecom - Diversified Media—0.2%</b>		
Epicor Software Corp. Tranche B (1 month LIBOR + 4.250%) 5.250%, 7/30/27	150	150	Newco Financing Partnership Tranche AV1 (3 month LIBOR + 3.500%) 0.000%, 1/31/29 <sup>(12)</sup>	90	90
Greeneden US Holdings II LLC Tranche B-4 (3 month LIBOR + 4.000%) 4.750%, 12/1/27	105	105			

See Notes to Financial Statements

## (\$ reported in thousands)

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# NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES

## SCHEDULE OF INVESTMENTS (Continued)

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value
SPDR Bloomberg Barclays High Yield Bond Fund ETF <sup>(15)</sup>	4,373	\$ 476
<b>TOTAL EXCHANGE-TRADED FUNDS</b> <b>(Identified Cost \$3,562)</b>		<b>3,597</b>
<b>RIGHTS—0.0%</b>		
<b>Utilities—0.0%</b>		
Vistra Energy Corp. <sup>(14)</sup>	7,753	8
<b>TOTAL RIGHTS</b> <b>(Identified Cost \$7)</b>		<b>8</b>
<b>WARRANT—0.0%</b>		
<b>Communication Services—0.0%</b>		
iHeartMedia, Inc.	587	7
<b>TOTAL WARRANT</b> <b>(Identified Cost \$10)</b>		<b>7</b>
<b>TOTAL LONG-TERM INVESTMENTS—98.7%</b> <b>(Identified Cost \$113,874)</b>		<b>117,317</b>
<b>SHORT-TERM INVESTMENT—0.4%</b>		
<b>Securities Lending Collateral—0.4%</b>		
Dreyfus Government Cash Management Fund - Institutional Shares (seven-day effective yield 0.030%) <sup>(15)(16)</sup>	487,452	487
<b>TOTAL SHORT-TERM INVESTMENT</b> <b>(Identified Cost \$487)</b>		<b>487</b>
<b>TOTAL INVESTMENTS—99.1%</b> <b>(Identified Cost \$114,361)</b>		<b>\$117,804</b>
Other assets and liabilities, net—0.9%		1,111
<b>NET ASSETS—100.0%</b>		<b>\$118,915</b>

**Abbreviations:**

BAM	Build America Municipal Insured
ETF	Exchange-Traded Fund
LIBOR	London Interbank Offered Rate
LLC	Limited Liability Company
LLLP	Limited Liability Limited Partnership
LP	Limited Partnership
PIK	Payment-in-Kind Security
SPDR	S&P Depository Receipt

**Foreign Currencies:**

MXN Mexican Peso

**Footnote Legend:**

<sup>(1)</sup> Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2020, these securities amounted to a value of \$61,677 or 51.9% of net assets.

- <sup>(2)</sup> Regulation S security. Security is offered and sold outside of the United States, therefore, it is exempt from registration with the SEC under Rules 903 and 904 of the Securities Act of 1933.
- <sup>(3)</sup> Variable rate security. Rate disclosed is as of December 31, 2020. For leveraged loans, the rate shown may represent a weighted average interest rate. Information in parenthesis represents benchmark and reference rate for each security. Certain variable rate securities are not based on a published reference rate and spread but are determined by the issuer or agent and are based on current market conditions, or, for mortgage-backed securities, are impacted by the individual mortgages which are paying off over time. These securities do not indicate a reference rate and spread in their descriptions.
- <sup>(4)</sup> All or a portion of security is on loan.
- <sup>(5)</sup> Security in default; no interest payments are being received during the bankruptcy proceedings.
- <sup>(6)</sup> No contractual maturity date.
- <sup>(7)</sup> Amount is less than \$500.
- <sup>(8)</sup> 100% of the income received was in PIK.
- <sup>(9)</sup> The value of this security was determined using significant unobservable inputs and is reported as a Level 3 security in the Fair Value Hierarchy table located after the Schedule of Investments.
- <sup>(10)</sup> Security in default, interest payments are being received during the bankruptcy proceedings.
- <sup>(11)</sup> Represents unfunded portion of security and commitment fee earned on this portion.
- <sup>(12)</sup> This loan will settle after December 31, 2020, at which time the interest rate, based on the LIBOR and the agreed upon spread on trade date, will be reflected.
- <sup>(13)</sup> Value shown as par value.
- <sup>(14)</sup> Non-income producing.
- <sup>(15)</sup> Shares of this fund are publicly offered, and its prospectus and annual report are publicly available.
- <sup>(16)</sup> Represents security purchased with cash collateral received for securities on loan.

**Country Weightings (Unaudited)<sup>†</sup>**

United States	81%
Canada	3
Mexico	2
Netherlands	2
Indonesia	1
Cayman Islands	1
Saudi Arabia	1
Other	9
<b>Total</b>	<b>100%</b>

<sup>†</sup> % of total investments as of December 31, 2020.

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements



**NEWFLEET MULTI-SECTOR INTERMEDIATE BOND SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices	Level 2 Significant Observable Inputs	Level 3 Significant Unobservable Inputs
<b>Assets:</b>				
<b>Debt Securities:</b>				
Asset-Backed Securities	\$ 12,886	\$ —	\$ 12,886	\$ —
Corporate Bonds and Notes	53,882	—	53,882	— <sup>(1)</sup>
Foreign Government Securities	8,857	—	8,857	—
Leveraged Loans	11,905	—	11,806	99 <sup>(1)</sup>
Mortgage-Backed Securities	19,171	—	19,171	—
Municipal Bonds	696	—	696	—
U.S. Government Securities	3,828	—	3,828	—
<b>Equity Securities:</b>				
Preferred Stocks	2,450	—	2,450	—
Common Stocks	30	9	18	3
Rights	8	—	8	—
Warrant	7	—	7	—
Securities Lending Collateral	487	487	—	—
Exchange-Traded Funds	3,597	3,597	—	—
<b>Total Investments</b>	<u>\$117,804</u>	<u>\$4,093</u>	<u>\$113,609</u>	<u>\$102</u>

<sup>(1)</sup> Includes internally fair valued securities currently priced at zero (\$0).

Securities held by the Series with an end of period value of \$182 were transferred from Level 3 to Level 2 due to an increase in trading activities at period end.

Some of the Series' investments that were categorized as Level 3 were valued utilizing third party pricing information without adjustment. Such valuations are based on unobservable inputs. A significant change in third party information could result in a significantly lower or higher value of Level 3 investments.

Management has determined that the amount of Level 3 securities compared to total net assets is not material; therefore, the rollforward of Level 3 securities and assumptions are not shown for the period ended December 31, 2020.

See Notes to Financial Statements

# SGA INTERNATIONAL GROWTH SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>COMMON STOCKS—98.6%</b>			<b>TOTAL LONG-TERM INVESTMENTS—98.6%</b>		
<b>Communication Services—3.4%</b>			<b>(Identified Cost \$126,928)</b>		<b>\$162,299</b>
Tencent Holdings Ltd. (China)	76,720	\$ 5,582			
<b>Consumer Discretionary—13.1%</b>			<b>SHORT-TERM INVESTMENTS—1.4%</b>		
adidas AG (Germany) <sup>(1)</sup>	15,822	5,758	<b>MONEY MARKET MUTUAL FUND—1.0%</b>		
Alibaba Group Holding Ltd. Sponsored ADR (China) <sup>(1)</sup>	31,342	7,294	Dreyfus Government Cash Management Fund -		
Fast Retailing Co. Ltd. (Japan)	4,846	4,340	Institutional Shares (seven-day effective yield		
New Oriental Education & Technology Group, Inc.			0.030%) <sup>(3)</sup>	1,675,270	1,675
Sponsored ADR (China) <sup>(1)</sup>	22,668	4,212	<b>TOTAL MONEY MARKET MUTUAL FUND</b>		
		21,604	<b>(Identified Cost \$1,675)</b>		<b>1,675</b>
<b>Consumer Staples—21.6%</b>			<b>SECURITIES LENDING COLLATERAL—0.4%</b>		
CP ALL PCL (Thailand) <sup>(1)</sup>	1,525,209	2,965	Dreyfus Government Cash Management Fund -		
Diageo plc (United Kingdom)	127,317	5,011	Institutional Shares (seven-day effective yield		
Fomento Economico Mexicano SAB de C.V. Sponsored			0.030%) <sup>(3)(4)</sup>	663,362	663
ADR (Mexico)	63,436	4,806	<b>TOTAL SECURITIES LENDING COLLATERAL</b>		
Heineken NV (Netherlands)	57,455	6,403	<b>(Identified Cost \$663)</b>		<b>663</b>
L'Oreal SA (France)	15,899	6,037	<b>TOTAL SHORT-TERM INVESTMENTS</b>		
Nestle S.A. Registered Shares (Switzerland)	45,346	5,340	<b>(Identified Cost \$2,338)</b>		<b>2,338</b>
Wal-Mart de Mexico SAB de C.V. (Mexico)	1,792,743	5,036			
		35,598	<b>TOTAL INVESTMENTS—100.0%</b>		
<b>Financials—16.1%</b>			<b>(Identified Cost \$129,266)</b>		<b>\$164,637</b>
AIA Group Ltd. (Hong Kong)	798,452	9,784	Other assets and liabilities, net—(0.0)%		(46)
Aon plc Class A (United Kingdom)	39,408	8,326	<b>NET ASSETS—100.0%</b>		<b>\$164,591</b>
HDFC Bank Ltd. ADR (India) <sup>(1)</sup>	115,066	8,315			
		26,425			
<b>Health Care—20.1%</b>			<b>Abbreviation:</b>		
Alcon, Inc. (Switzerland) <sup>(1)</sup>	90,742	5,987	ADR American Depositary Receipt		
Medtronic plc (Ireland)	28,258	3,310	<b>Footnote Legend:</b>		
Novo Nordisk A/S Sponsored ADR (Denmark)	66,946	4,676	<sup>(1)</sup> Non-income producing.		
Sartorius AG (Germany)	7,704	3,234	<sup>(2)</sup> All or a portion of security is on loan.		
Shandong Weigao Group Medical Polymer Co. Ltd.			<sup>(3)</sup> Shares of this fund are publicly offered, and its prospectus and annual report are		
Class H (China)	2,605,701	5,889	publicly available.		
STERIS plc (United States)	34,920	6,619	<sup>(4)</sup> Represents security purchased with cash collateral received for securities on loan.		
Sysmex Corp. (Japan)	28,275	3,395			
		33,110	<b>Country Weightings (Unaudited)<sup>†</sup></b>		
<b>Industrials—3.1%</b>			United Kingdom	16%	
IHS Markit Ltd. (United Kingdom)	56,210	5,049	China	13	
<b>Information Technology—14.7%</b>			India	10	
Adyen NV (Netherlands) <sup>(1)</sup>	2,051	4,773	Switzerland	10	
Dassault Systemes SE (France)	27,813	5,645	Germany	8	
Infosys Ltd. Sponsored ADR (India)	242,705	4,114	France	7	
SAP SE Sponsored ADR (Germany) <sup>(2)</sup>	40,147	5,235	Netherlands	7	
Temenos AG Registered Shares (Switzerland)	31,882	4,453	Other	29	
		24,220	Total	100%	
<b>Materials—6.5%</b>			<sup>†</sup> % of total investments as of December 31, 2020.		
Asian Paints Ltd. (India)	92,404	3,496			
Linde plc (United Kingdom)	27,378	7,215			
		10,711			
<b>TOTAL COMMON STOCKS</b>					
<b>(Identified Cost \$126,928)</b>		<b>162,299</b>			

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements

**SGA INTERNATIONAL GROWTH SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices
Assets:		
Equity Securities:		
Common Stocks	\$162,299	\$162,299
Securities Lending Collateral	663	663
Money Market Mutual Fund	1,675	1,675
Total Investments	<u>\$164,637</u>	<u>\$164,637</u>

There were no securities valued using significant observable inputs (Level 2) or significant unobservable inputs (Level 3) at December 31, 2020.

There were no transfers into or out of Level 3 related to securities held at December 31, 2020.

See Notes to Financial Statements

# STRATEGIC ALLOCATION SERIES

## SCHEDULE OF INVESTMENTS

### DECEMBER 31, 2020

(\$ reported in thousands)

	Par Value	Value
<b>U.S. GOVERNMENT SECURITIES—3.9%</b>		
U.S. Treasury Bonds		
2.500%, 2/15/46	\$1,484	\$1,770
3.000%, 8/15/48	560	735
1.250%, 5/15/50	145	131
1.375%, 8/15/50	595	556
U.S. Treasury Notes		
2.250%, 3/31/21	90	90
0.125%, 5/31/22	110	110
2.875%, 8/15/28	210	244
0.625%, 5/15/30	500	489
<b>TOTAL U.S. GOVERNMENT SECURITIES</b>		
<b>(Identified Cost \$3,508)</b>		<b>4,125</b>
<b>MUNICIPAL BONDS—1.5%</b>		
<b>California—0.9%</b>		
San Diego County Regional Airport Authority Rental Car Center Project Series B - Taxable		
5.594%, 7/1/43	275	291
Santa Clara Valley Water District Series B, Taxable		
2.967%, 6/1/50	65	66
State of California, Build America Bonds Taxable		
7.600%, 11/1/40	265	480
University of California, Series B-A, Taxable		
4.428%, 5/15/48	75	85
		<u>922</u>
<b>Idaho—0.1%</b>		
Idaho Health Facilities Authority Saint Luke's Health System Revenue Taxable		
5.020%, 3/1/48	90	116
<b>Illinois—0.0%</b>		
Sales Tax Securitization Corp. Series B, Second Lien, Taxable (BAM Insured)		
3.411%, 1/1/43	10	10
<b>Texas—0.2%</b>		
City of San Antonio, General Obligation Taxable		
1.963%, 2/1/33	70	72
State of Texas, General Obligation Taxable		
3.211%, 4/1/44	25	27
Texas Public Finance Authority Revenue Taxable		
2.140%, 2/1/35	55	56
Texas Transportation Commission State Highway Fund Revenue Taxable		
4.000%, 10/1/33	25	32
		<u>187</u>
<b>Virginia—0.3%</b>		
City of Bristol, General Obligation Taxable (State AID Withholding Insured)		
4.210%, 1/1/42	135	146
Tobacco Settlement Financing Corp. Revenue Taxable Series A-1, Taxable		
6.706%, 6/1/46	195	204
		<u>350</u>
<b>TOTAL MUNICIPAL BONDS</b>		
<b>(Identified Cost \$1,435)</b>		<b>1,585</b>

	Par Value	Value
<b>FOREIGN GOVERNMENT SECURITIES—0.1%</b>		
Republic of Venezuela		
9.375%, 1/13/34 <sup>(1)</sup>	\$ 65	\$ 6
United Mexican States		
4.750%, 3/8/44	54	64
Series M		
6.500%, 6/9/22	925 <sup>MXN</sup>	48
<b>TOTAL FOREIGN GOVERNMENT SECURITIES</b>		
<b>(Identified Cost \$160)</b>		<b>118</b>
<b>MORTGAGE-BACKED SECURITIES—7.0%</b>		
<b>Agency—0.7%</b>		
Federal National Mortgage Association		
Pool #254007		
6.500%, 10/1/31	2	2
Pool #656288		
6.000%, 9/1/32	3	4
Pool #835144		
5.000%, 10/1/35	13	15
Pool #882224		
6.000%, 9/1/36	1	1
Pool #914724		
5.500%, 4/1/37	3	3
Pool #940524		
5.500%, 7/1/37	11	13
Pool #949301		
6.000%, 10/1/37	2	2
Pool #975097		
5.000%, 6/1/38	11	13
Pool #929637		
5.500%, 6/1/38	2	2
Pool #986012		
5.500%, 6/1/38	2	2
Pool #994383		
5.500%, 11/1/38	5	6
Pool #991124		
5.000%, 1/1/39	4	4
Pool #994322		
6.000%, 1/1/39	3	4
Pool #AA4418		
4.500%, 3/1/39	6	7
Pool #AA4434		
5.000%, 3/1/39	5	6
Pool #AA4436		
6.000%, 3/1/39	4	5
Pool #CA4128		
3.000%, 9/1/49	78	82
Pool #MA3803		
3.500%, 10/1/49	167	177
Pool #CA4978		
3.000%, 1/1/50	175	184
Pool #MA3905		
3.000%, 1/1/50	168	176
Government National Mortgage Association		
Pool #368053		
6.500%, 11/15/23	6	6
Pool #351336		
6.500%, 12/15/23	—(2)	—(2)
Pool #385198		
6.500%, 2/15/24	7	7

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**STRATEGIC ALLOCATION SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
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(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Agency—continued</b>			<b>Non-Agency—continued</b>		
Pool #563381			2020-RPL4, A1 144A	\$ 94	\$ 96
6.500%, 11/15/31	\$ 10	\$ 11	2.000%, 1/25/60 <sup>(3)</sup>		
		732	Exantas Capital Corp. 2020-RS08, A (1 month LIBOR +		
			1.150%) 144A		
<b>Non-Agency—6.3%</b>			1.303%, 3/15/35 <sup>(3)(4)</sup>	67	66
Ajax Mortgage Loan Trust 2019-D, A1 144A			FirstKey Homes Trust 2020-SFR2, B 144A		
2.956%, 9/25/65 <sup>(3)(4)</sup>	77	78	1.567%, 10/19/37 <sup>(3)</sup>	115	114
American Homes 4 Rent Trust			Galton Funding Mortgage Trust		
2015-SFR1, A 144A			2017-1, A21 144A		
3.467%, 4/17/52 <sup>(3)</sup>	99	106	3.500%, 7/25/56 <sup>(3)(4)</sup>	24	24
2015-SFR2, C 144A			2018-2, A41 144A		
4.691%, 10/17/52 <sup>(3)</sup>	110	121	4.500%, 10/25/58 <sup>(3)(4)</sup>	25	25
AMSR Trust 2020-SFR1, B 144A			2020-H1, A1 144A		
2.120%, 4/17/37 <sup>(3)</sup>	100	102	2.310%, 1/25/60 <sup>(3)(4)</sup>	70	71
Arroyo Mortgage Trust			GCAT LLC 2019-NQM1, A1 144A		
2018-1, A1 144A			2.985%, 2/25/59 <sup>(3)(4)</sup>	59	61
3.763%, 4/25/48 <sup>(3)(4)</sup>	46	47	Goldman Sachs Mortgage Securities Trust 2012-ALOH, A		
2019-1, A1 144A			144A		
3.805%, 1/25/49 <sup>(3)(4)</sup>	61	63	3.551%, 4/10/34 <sup>(3)</sup>	100	101
2019-2, A1 144A			GS Mortgage Securities Trust 2020-GC45, AS		
3.347%, 4/25/49 <sup>(3)(4)</sup>	65	67	3.173%, 2/13/53 <sup>(4)</sup>	80	89
Bayview Opportunity Master Fund IVa Trust 2016-SPL1,			Home Partners of America Trust 2020-2, A 144A		
B1 144A			1.532%, 1/17/41 <sup>(3)</sup>	99	97
4.250%, 4/28/55 <sup>(3)</sup>	100	105	Homeward Opportunities Fund I Trust 2019-1, A1 144A		
Bayview Opportunity Master Fund IVb Trust 2016-SPL2,			3.454%, 1/25/59 <sup>(3)(4)</sup>	121	122
B1 144A			IMC Home Equity Loan Trust 1997-5, A9		
4.250%, 6/28/53 <sup>(3)(4)</sup>	100	105	7.310%, 11/20/28	39	39
BX Trust			JP Morgan Chase Mortgage Trust 2005-A5, 1A2		
2018-GW, B (1 month LIBOR + 1.020%) 144A			2.881%, 8/25/35 <sup>(4)</sup>	17	17
1.179%, 5/15/35 <sup>(3)(4)</sup>	125	122	JPMorgan Chase Commercial Mortgage Securities Trust		
2019-OC11, D 144A			2011-C4, A4 144A		
4.075%, 12/9/41 <sup>(3)(4)</sup>	80	83	4.388%, 7/15/46 <sup>(3)</sup>	64	65
CF Hippolyta LLC 2020-1, A1 144A			JPMorgan Chase Mortgage Trust		
1.690%, 7/15/60 <sup>(3)</sup>	95	97	2014-2, 2A2 144A		
CIT Home Equity Loan Trust 2003-1, A5			3.500%, 6/25/29 <sup>(3)(4)</sup>	47	48
5.480%, 7/20/34 <sup>(4)</sup>	14	14	2016-SH1, M2 144A		
Citigroup Commercial Mortgage Trust			3.750%, 4/25/45 <sup>(3)(4)</sup>	36	36
2019-SST2, A (1 month LIBOR + 0.920%) 144A			2016-SH2, M2 144A		
1.079%, 12/15/36 <sup>(3)(4)</sup>	100	100	3.750%, 12/25/45 <sup>(3)(4)</sup>	37	39
2015-GC27, A4			2017-5, A1 144A		
2.878%, 2/10/48	80	84	3.128%, 10/26/48 <sup>(3)(4)</sup>	118	121
Citigroup Mortgage Loan Trust, Inc.			JPMorgan Chase WaMu Mortgage Pass-Through		
2004-NCM2, 2CB2			Certificates Trust 2003-AR6, A1		
6.750%, 8/25/34	39	43	3.102%, 6/25/33 <sup>(4)</sup>	21	21
2014-A, A 144A			KNDL Mortgage Trust 2019-KNSQ, A (1 month LIBOR +		
4.000%, 1/25/35 <sup>(3)(4)</sup>	19	20	0.800%) 144A		
2019-IMC1, A1 144A			0.959%, 5/15/36 <sup>(3)(4)</sup>	100	100
2.720%, 7/25/49 <sup>(3)(4)</sup>	56	57	LHOME Mortgage Trust 2019-RTL1, A1 144A		
2015-A, A1 144A			4.580%, 10/25/23 <sup>(3)(4)</sup>	100	101
3.500%, 6/25/58 <sup>(3)(4)</sup>	12	13	Mello Warehouse Securitization Trust 2019-1, C (1		
COLT Trust 2020-RPL1, A1 144A			month LIBOR + 1.200%) 144A		
1.390%, 1/25/65 <sup>(3)(4)</sup>	97	98	1.348%, 6/25/52 <sup>(3)(4)</sup>	50	50
COMM Mortgage Trust 2020-CBM, B 144A			MetLife Securitization Trust		
3.099%, 2/10/37 <sup>(3)</sup>	70	69	2017-1A, M1 144A		
CoreVest American Finance Trust 2020-1, A1 144A			3.480%, 4/25/55 <sup>(3)(4)</sup>	100	107
1.832%, 3/15/50 <sup>(3)</sup>	98	100	2019-1A, A1A 144A		
Credit Suisse Mortgage Capital Certificates 2019-ICE4, A			3.750%, 4/25/58 <sup>(3)(4)</sup>	67	72
(1 month LIBOR + 0.980%) 144A			Mill City Mortgage Loan Trust 2019-1, M2 144A		
1.139%, 5/15/36 <sup>(3)(4)</sup>	100	100	3.500%, 10/25/69 <sup>(3)(4)</sup>	100	109
Credit Suisse Mortgage Capital Trust			Morgan Stanley - Bank of America (Merrill Lynch) Trust		
2013-HYB1, A16 144A			2015-C22, AS		
2.919%, 4/25/43 <sup>(3)(4)</sup>	5	5	3.561%, 4/15/48	225	243

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## (\$ reported in thousands)

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**STRATEGIC ALLOCATION SERIES**  
**SCHEDULE OF INVESTMENTS (Continued)**  
**DECEMBER 31, 2020**

(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Automobiles—continued</b>			<b>Student Loan—continued</b>		
Flagship Credit Auto Trust 2020-3, C 144A			SoFi Professional Loan Program LLC 2016-A, A2 144A		
1.730%, 9/15/26 <sup>(3)</sup>	\$ 75	\$ 77	2.760%, 12/26/36 <sup>(3)</sup>	\$ 17	\$ 17
GLS Auto Receivables Issuer Trust					35
2019-2A, B 144A			<b>TOTAL ASSET-BACKED SECURITIES</b>		
3.320%, 3/15/24 <sup>(3)</sup>	100	102	<b>(Identified Cost \$2,735)</b>		
2020-1A, B 144A					<b>2,799</b>
2.430%, 11/15/24 <sup>(3)</sup>	115	118	<b>CORPORATE BONDS AND NOTES—9.0%</b>		
GLS Auto Receivables Trust 2018-3A, C 144A			<b>Communication Services—0.4%</b>		
4.180%, 7/15/24 <sup>(3)</sup>	130	135	Diamond Sports Group LLC 144A		
Prestige Auto Receivables Trust 2019-1A, D 144A			5.375%, 8/15/26 <sup>(3)</sup>	40	32
3.010%, 8/15/25 <sup>(3)</sup>	85	88	Level 3 Financing, Inc. 144A		
Skopos Auto Receivables Trust 2019-1A, C 144A			4.250%, 7/1/28 <sup>(3)</sup>	65	67
3.630%, 9/16/24 <sup>(3)</sup>	100	102	Meredith Corp.		
Tesla Auto Lease Trust 2018-B, B 144A			6.875%, 2/1/26	40	39
4.120%, 10/20/21 <sup>(3)</sup>	85	86	Sprint Spectrum Co. LLC 144A		
Tricolor Auto Securitization Trust 2018-2A, B 144A			4.738%, 3/20/25 <sup>(3)</sup>	200	217
4.760%, 2/15/22 <sup>(3)</sup>	2	2	T-Mobile USA, Inc. 144A		
		1,569	3.875%, 4/15/30 <sup>(3)</sup>	90	104
<b>Credit Card—0.2%</b>					459
Fair Square Issuance Trust 2020-AA, A 144A			<b>Consumer Discretionary—0.6%</b>		
2.900%, 9/20/24 <sup>(3)</sup>	100	101	American Builders & Contractors Supply Co., Inc. 144A		
Genesis Private Label Amortizing Trust 2020-1, B 144A			4.000%, 1/15/28 <sup>(3)</sup>	60	62
2.830%, 7/20/30 <sup>(3)</sup>	100	101	Aramark Services, Inc. 144A		
		202	6.375%, 5/1/25 <sup>(3)</sup>	30	32
<b>Other—0.9%</b>			FirstCash, Inc. 144A		
Amur Equipment Finance Receivables VI LLC 2018-2A, A2 144A			4.625%, 9/1/28 <sup>(3)</sup>	25	26
3.890%, 7/20/22 <sup>(3)</sup>	49	49	Ford Motor Co.		
Arby's Funding LLC 2020-1A, A2 144A			9.000%, 4/22/25	57	70
3.237%, 7/30/50 <sup>(3)</sup>	75	76	General Motors Financial Co., Inc.		
Bankers Healthcare Group Securitization Trust 2020-A, A 144A			4.200%, 3/1/21	45	45
2.560%, 9/17/31 <sup>(3)</sup>	83	83	Hanesbrands, Inc. 144A		
BXG Receivables Note Trust 2017-A, A 144A			5.375%, 5/15/25 <sup>(3)</sup>	55	58
2.950%, 10/4/32 <sup>(3)</sup>	66	68	International Game Technology plc 144A		
Dext ABS LLC 2020-1, A 144A			5.250%, 1/15/29 <sup>(3)</sup>	5	5
1.460%, 2/16/27 <sup>(3)</sup>	94	94	Lear Corp.		
Diamond Resorts Owner Trust 2017-1A, A 144A			3.800%, 9/15/27	120	135
3.270%, 10/22/29 <sup>(3)</sup>	24	25	M/I Homes, Inc.		
FREED ABS Trust 2020-3FP, A 144A			4.950%, 2/1/28	65	69
2.400%, 9/20/27 <sup>(3)</sup>	63	64	Marriott Ownership Resorts, Inc.		
Jersey Mike's Funding 2019-1A, A2 144A			4.750%, 1/15/28	45	46
4.433%, 2/15/50 <sup>(3)</sup>	80	86	VF Corp.		
Lendmark Funding Trust 2019-1A, A 144A			2.400%, 4/23/25	42	45
3.000%, 12/20/27 <sup>(3)</sup>	100	103			593
Mariner Finance Issuance Trust 2019-AA, A 144A			<b>Consumer Staples—0.2%</b>		
2.960%, 7/20/32 <sup>(3)</sup>	100	102	Albertsons Cos., Inc. 144A		
MVW LLC 2019-2A, A 144A			3.500%, 3/15/29 <sup>(3)</sup>	5	5
2.220%, 10/20/38 <sup>(3)</sup>	75	77	Anheuser-Busch InBev Worldwide, Inc.		
Octane Receivables Trust 2020-1A, A 144A			4.000%, 4/13/28	85	100
1.710%, 2/20/25 <sup>(3)</sup>	92	92	BAT Capital Corp.		
Orange Lake Timeshare Trust 2019-A, B 144A			4.906%, 4/2/30	55	66
3.360%, 4/9/38 <sup>(3)</sup>	60	62	Conagra Brands, Inc.		
Prosper Marketplace Issuance Trust 2019-3A, A 144A			4.300%, 5/1/24	65	73
3.190%, 7/15/25 <sup>(3)</sup>	12	12			244
		993	<b>Energy—0.5%</b>		
<b>Student Loan—0.0%</b>			Boardwalk Pipelines LP		
Earnest Student Loan Program LLC 2017-A, A2 144A			4.950%, 12/15/24	65	72
2.650%, 1/25/41 <sup>(3)</sup>	18	18			

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(\$ reported in thousands)

	Par Value	Value		Par Value	Value
<b>Energy—continued</b>			<b>Financials—continued</b>		
Cheniere Energy, Inc. 144A 4.625%, 10/15/28 <sup>(3)</sup>	\$ 20	\$ 21	Ladder Capital Finance Holdings LLLP 144A 4.250%, 2/1/27 <sup>(3)</sup>	\$ 50	\$ 49
EQM Midstream Partners LP 144A 6.000%, 7/1/25 <sup>(3)</sup>	10	11	Liberty Mutual Group, Inc. 144A 4.250%, 6/15/23 <sup>(3)</sup>	34	37
144A 6.500%, 7/1/27 <sup>(3)</sup>	10	11	144A 4.569%, 2/1/29 <sup>(3)</sup>	116	142
HollyFrontier Corp. 5.875%, 4/1/26	100	112	Lincoln National Corp. (3 month LIBOR + 2.040%) 2.258%, 4/20/67 <sup>(4)</sup>	55	41
Kinder Morgan, Inc. 4.300%, 6/1/25	45	51	MetLife, Inc. Series G 3.850% <sup>(5)</sup>	75	79
7.750%, 1/15/32	65	94	Morgan Stanley 3.125%, 7/27/26	125	140
Patterson-UTI Energy, Inc. 5.150%, 11/15/29	50	46	6.375%, 7/24/42	100	163
Sabine Pass Liquefaction LLC 4.200%, 3/15/28	60	69	OneMain Finance Corp. 7.125%, 3/15/26	40	47
Targa Resources Partners LP 5.875%, 4/15/26	60	64	Prudential Financial, Inc. 5.875%, 9/15/42	100	107
		551	5.625%, 6/15/43	65	70
			Santander Holdings USA, Inc. 3.700%, 3/28/22	93	96
<b>Financials—3.6%</b>			Toronto-Dominion Bank (The) 3.625%, 9/15/31	95	108
Allstate Corp. (The) Series B 5.750%, 8/15/53	145	155	Voya Financial, Inc. 5.650%, 5/15/53	65	69
Ares Finance Co. LLC 144A 4.000%, 10/8/24 <sup>(3)</sup>	140	150	Wells Fargo & Co. Series M	125	132
Ascot Group Ltd. 144A 4.250%, 12/15/30 <sup>(3)</sup>	30	31	3.450%, 2/13/23		
Athene Global Funding 144A 2.450%, 8/20/27 <sup>(3)</sup>	70	73	Series S 5.900% <sup>(5)</sup>	75	80
Bank of America Corp. 3.004%, 12/20/23	90	95			3,890
4.200%, 8/26/24	175	196			
Bank of Montreal 3.803%, 12/15/32	156	177	<b>Health Care—0.4%</b>		
Bank of New York Mellon Corp. (The) Series G 4.700% <sup>(5)</sup>	65	72	Anthem, Inc. 2.875%, 9/15/29	65	72
Brighthouse Financial, Inc. 3.700%, 6/22/27	22	24	Centene Corp. 4.625%, 12/15/29	25	28
5.625%, 5/15/30	47	58	HCA, Inc. 5.250%, 6/15/49	50	66
Brightsphere Investment Group, Inc. 4.800%, 7/27/26	65	70	Royalty Pharma plc 144A 2.200%, 9/2/30 <sup>(3)</sup>	53	54
Brookfield Finance, Inc. 4.250%, 6/2/26	100	116	Tenet Healthcare Corp. 144A 5.125%, 11/1/27 <sup>(3)</sup>	25	27
Capital One Financial Corp. 3.750%, 7/28/26	130	147	144A 7.500%, 4/1/25 <sup>(3)</sup>	5	5
Charles Schwab Corp. (The) Series H 4.000% <sup>(5)</sup>	70	74	Universal Health Services, Inc. 144A 2.650%, 10/15/30 <sup>(3)</sup>	73	76
Citadel LP 144A 4.875%, 1/15/27 <sup>(3)</sup>	65	71	Utah Acquisition Sub, Inc. 3.950%, 6/15/26	70	80
Citigroup, Inc. 3.200%, 10/21/26	171	191			408
(3 month LIBOR + 1.250%) 1.488%, 7/1/26 <sup>(4)</sup>	160	163	<b>Industrials—0.7%</b>		
Fairfax Financial Holdings Ltd. 4.850%, 4/17/28	105	117	Aviation Capital Group LLC 144A 3.875%, 5/1/23 <sup>(3)</sup>	73	76
Goldman Sachs Group, Inc. (The) 4.250%, 10/21/25	195	224	Avolon Holdings Funding Ltd. 144A 4.375%, 5/1/26 <sup>(3)</sup>	55	60
ICAHN Enterprises LP 6.250%, 5/15/26	85	90	Boeing Co. (The) 5.150%, 5/1/30	40	48
Jefferies Financial Group, Inc. 5.500%, 10/18/23	70	77	3.750%, 2/1/50	20	21
JPMorgan Chase & Co. 2.956%, 5/13/31	145	159	5.930%, 5/1/60	18	26
			Flowserve Corp. 3.500%, 10/1/30	90	96
			GFL Environmental, Inc. 144A 3.750%, 8/1/25 <sup>(3)</sup>	45	46

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**SCHEDULE OF INVESTMENTS (Continued)**  
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	Par Value	Value		Par Value	Value
<b>Industrials—continued</b>			<b>Real Estate—continued</b>		
Hillenbrand, Inc.			4.625%, 8/1/29	\$ 15	\$ 16
5.000%, 9/15/26	\$ 70	\$ 79	3.500%, 3/15/31	45	47
Howmet Aerospace, Inc.			Office Properties Income Trust		
6.875%, 5/1/25	55	65	4.500%, 2/1/25	135	143
Signature Aviation US Holdings, Inc. 144A			Retail Opportunity Investments Partnership LP		
4.000%, 3/1/28 <sup>(3)</sup>	65	65	4.000%, 12/15/24	105	110
Standard Industries, Inc. 144A			Service Properties Trust		
4.375%, 7/15/30 <sup>(3)</sup>	50	53	4.500%, 3/15/25	105	103
Stanley Black & Decker, Inc.			Spirit Realty LP		
4.000%, 3/15/60	54	57	3.200%, 2/15/31	75	80
TransDigm, Inc. 144A					<u>1,071</u>
6.250%, 3/15/26 <sup>(3)</sup>	35	37			
		<u>729</u>	<b>Utilities—0.6%</b>		
<b>Information Technology—0.7%</b>			American Electric Power Co., Inc.		
Citrix Systems, Inc.			2.300%, 3/1/30	78	81
3.300%, 3/1/30	110	122	Series N		
Flex Ltd.			1.000%, 11/1/25	21	21
3.750%, 2/1/26	56	63	DPL, Inc.		
Hewlett Packard Enterprise Co.			4.350%, 4/15/29	52	58
4.900%, 10/15/25	65	76	Edison International		
HP, Inc.			4.125%, 3/15/28	70	78
3.400%, 6/17/30	90	100	Exelon Corp.		
Leidos, Inc. 144A			3.497%, 6/1/22	24	25
2.300%, 2/15/31 <sup>(3)</sup>	80	81	PNM Resources, Inc.		
Motorola Solutions, Inc.			3.250%, 3/9/21	85	85
4.600%, 5/23/29	100	120	Southern Power Co.		
Science Applications International Corp. 144A			4.150%, 12/1/25	65	75
4.875%, 4/1/28 <sup>(3)</sup>	55	58	Talen Energy Supply LLC 144A		
Seagate HDD Cayman 144A			6.625%, 1/15/28 <sup>(3)</sup>	40	42
3.375%, 7/15/31 <sup>(3)</sup>	25	25	TerraForm Power Operating LLC 144A		
VMware, Inc.			5.000%, 1/31/28 <sup>(3)</sup>	55	62
3.900%, 8/21/27	30	34	Texas Competitive Electric Holdings Co. 144A		
4.700%, 5/15/30	35	42	11.500%, 10/1/20 <sup>(3)(6)</sup>	65	—
		<u>721</u>	Vistra Operations Co. LLC 144A		
			4.300%, 7/15/29 <sup>(3)</sup>	85	97
					<u>624</u>
<b>Materials—0.3%</b>			<b>TOTAL CORPORATE BONDS AND NOTES</b>		
Celanese US Holdings LLC			<b>(Identified Cost \$8,875)</b>		<b>9,624</b>
3.500%, 5/8/24	70	76			
Glencore Funding LLC 144A					
1.625%, 9/1/25 <sup>(3)</sup>	75	77	<b>LEVERAGED LOANS<sup>(4)</sup>—0.9%</b>		
Novelis Corp. 144A			<b>Aerospace—0.1%</b>		
4.750%, 1/30/30 <sup>(3)</sup>	30	32	American Airlines, Inc. 2018 (1 month LIBOR + 1.750%)		
Nutrition & Biosciences, Inc. 144A			1.898%, 6/27/25	64	53
2.300%, 11/1/30 <sup>(3)</sup>	60	62	Mileage Plus Holdings, LLC (3 month LIBOR + 5.250%)		
Olin Corp.			6.250%, 6/21/27	60	63
5.625%, 8/1/29	80	87	TransDigm, Inc. Tranche E (1 month LIBOR + 2.250%)		
		<u>334</u>	2.397%, 5/30/25	34	33
					<u>149</u>
<b>Real Estate—1.0%</b>			<b>Chemicals—0.1%</b>		
Corporate Office Properties LP			Gemini HDPE LLC Tranche B (3 month LIBOR + 3.250%)		
3.600%, 5/15/23	165	175	0.000%, 12/11/27 <sup>(7)</sup>	15	15
EPR Properties			Ineos U.S. Finance LLC 2024 (3 month LIBOR + 2.000%)		
4.750%, 12/15/26	120	121	0.000%, 4/1/24 <sup>(7)</sup>	55	54
ESH Hospitality, Inc. 144A					<u>69</u>
4.625%, 10/1/27 <sup>(3)</sup>	55	56			
GLP Capital LP					
5.750%, 6/1/28	100	119			
iStar, Inc.					
4.250%, 8/1/25	65	64			
MPT Operating Partnership LP					
5.000%, 10/15/27	35	37			

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## (\$ reported in thousands)

See Notes to Financial Statements

# STRATEGIC ALLOCATION SERIES

## SCHEDULE OF INVESTMENTS (Continued)

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value		Shares	Value
<b>Communication Services—continued</b>			<b>Industrials—continued</b>		
Yandex N.V. Class A <sup>(9)</sup>	5,107	\$ 355	Equifax, Inc.	2,697	\$ 520
		11,752	Fair Isaac Corp. <sup>(9)</sup>	1,526	780
			Haitian International Holdings Ltd.	83,000	287
<b>Consumer Discretionary—15.3%</b>			HeadHunter Group plc ADR	30,102	911
Airbnb, Inc. Class A <sup>(9)</sup>	1,559	229	Kansas City Southern	4,388	896
Alibaba Group Holding Ltd. Sponsored ADR <sup>(9)</sup>	10,989	2,557	Knorr-Bremse AG	1,192	163
Allegro.eu SA <sup>(9)</sup>	8,078	183	Marel HF	59,545	365
Amazon.com, Inc. <sup>(9)</sup>	1,585	5,162	MTU Aero Engines AG	935	244
Home Depot, Inc. (The)	2,688	714	Roper Technologies, Inc.	2,397	1,033
Las Vegas Sands Corp.	13,813	823	Rotork plc	47,455	206
Marriott International, Inc. Class A	5,159	681	S-1 Corp.	3,986	312
Max Stock Ltd. <sup>(9)</sup>	60,500	268	Simplybiz Group plc (The)	188,455	465
MercadoLibre, Inc. <sup>(9)</sup>	1,024	1,715	Uber Technologies, Inc. <sup>(9)</sup>	24,867	1,268
Mercari, Inc. <sup>(9)</sup>	7,800	346	Voltronic Power Technology Corp.	13,330	531
NIKE, Inc. Class B	11,667	1,651			11,035
Ross Stores, Inc.	7,579	931			
Trip.com Group Ltd. ADR <sup>(9)</sup>	11,097	374	<b>Information Technology—23.1%</b>		
Union Auction PCL	910,000	301	Accenture plc Class A	3,450	901
Vasta Platform Ltd. <sup>(9)</sup>	22,997	333	Admicom Oyj	1,213	200
		16,268	Alten SA <sup>(9)</sup>	3,752	425
<b>Consumer Staples—2.9%</b>			Amphenol Corp. Class A	10,671	1,396
Estee Lauder Cos., Inc. (The) Class A	2,417	643	Avalara, Inc. <sup>(9)</sup>	12,324	2,032
Heineken Malaysia Bhd	32,800	188	Bill.com Holdings, Inc. <sup>(9)</sup>	26,325	3,593
McCormick & Co., Inc.	6,098	583	Bouvet ASA	4,599	381
Monster Beverage Corp. <sup>(9)</sup>	9,230	854	Brockhaus Capital Management AG <sup>(9)</sup>	5,734	216
Procter & Gamble Co. (The)	6,255	870	Duck Creek Technologies, Inc. <sup>(9)(10)</sup>	29,135	1,262
		3,138	FDM Group Holdings plc	19,097	294
			Fortnox AB	4,018	226
<b>Energy—0.4%</b>			Mintra Holding AS <sup>(9)</sup>	285,814	253
Frontera Energy Corp.	1,088	3	NVIDIA Corp.	5,062	2,643
Pason Systems, Inc.	60,134	372	Paycom Software, Inc. <sup>(9)</sup>	5,924	2,679
		375	SimCorp A/S	2,226	331
<b>Financials—4.9%</b>			Snowflake, Inc. Class A <sup>(9)</sup>	1,927	542
Bank of America Corp.	37,241	1,129	Trade Desk, Inc. (The) Class A <sup>(9)</sup>	3,875	3,104
CME Group, Inc. Class A	2,678	487	Visa, Inc. Class A	10,718	2,344
Gruppo Mutuonline SpA	14,297	609	Webcash Corp.	4,826	318
MarketAxess Holdings, Inc.	2,089	1,192	Webstep AS	34,073	88
Mortgage Advice Bureau Holdings Ltd.	27,493	325	Workday, Inc. Class A <sup>(9)</sup>	6,099	1,461
Nordnet AB publ <sup>(9)</sup>	15,743	247			24,689
Progressive Corp. (The)	3,983	394	<b>Materials—1.2%</b>		
Sabre Insurance Group plc	68,772	260	Corp. Moctezuma SAB de C.V.	68,907	201
VNV Global AB <sup>(9)</sup>	38,379	546	Ecolab, Inc.	4,834	1,046
		5,189			1,247
<b>Health Care—3.4%</b>			<b>TOTAL COMMON STOCKS</b>		<b>77,315</b>
Danaher Corp.	5,035	1,119	<b>(Identified Cost \$34,744)</b>		
Haw Par Corp., Ltd.	43,900	355			
HealthEquity, Inc. <sup>(9)</sup>	5,752	401	<b>RIGHTS—0.0%</b>		
Nakanishi, Inc.	10,500	230	<b>Utilities—0.0%</b>		
Zoetis, Inc. Class A	9,163	1,517	Vistra Energy Corp. <sup>(9)</sup>	1,084	1
		3,622			
<b>Industrials—10.3%</b>			<b>TOTAL RIGHTS</b>		<b>1</b>
BTS Group AB Class B	12,020	317	<b>(Identified Cost \$1)</b>		
CAE, Inc.	19,319	535			
CoStar Group, Inc. <sup>(9)</sup>	1,450	1,340			
CTT Systems AB	10,553	195			
DSV PANALPINA A/S	876	147			
Enento Group Oyj	12,681	520			

See Notes to Financial Statements

# STRATEGIC ALLOCATION SERIES

## SCHEDULE OF INVESTMENTS (Continued)

### DECEMBER 31, 2020

(\$ reported in thousands)

	Shares	Value
<b>WARRANT—0.0%</b>		
<b>Financials—0.0%</b>		
VNV Global AB <sup>(9)</sup>	12,500	\$ 33
<b>TOTAL WARRANT (Identified Cost \$—)</b>		<b>33</b>
<b>TOTAL LONG-TERM INVESTMENTS—97.9% (Identified Cost \$60,169)</b>		<b>104,496</b>
<b>SHORT-TERM INVESTMENT—0.7%</b>		
<b>Money Market Mutual Fund—0.7%</b>		
Dreyfus Government Cash Management Fund - Institutional Shares (seven-day effective yield 0.030%) <sup>(11)</sup>	727,613	728
<b>TOTAL SHORT-TERM INVESTMENT (Identified Cost \$728)</b>		<b>728</b>
<b>TOTAL INVESTMENTS—98.6% (Identified Cost \$60,897)</b>		<b>\$105,224</b>
Other assets and liabilities, net—1.4%		1,460
<b>NET ASSETS—100.0%</b>		<b>\$106,684</b>

**Abbreviations:**

ABS	Asset-Backed Securities
ADR	American Depositary Receipt
BAM	Build America Municipal Insured
GS	Goldman Sachs & Co.
LIBOR	London Interbank Offered Rate
LLC	Limited Liability Company
LLP	Limited Liability Limited Partnership
LP	Limited Partnership
WaMu	Washington Mutual

**Foreign Currencies:**

MXN Mexican Peso

**Footnote Legend:**

<sup>(1)</sup> Security in default; no interest payments are being received during the bankruptcy proceedings.

<sup>(2)</sup> Amount is less than \$500.

<sup>(3)</sup> Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2020, these securities amounted to a value of \$10,975 or 10.3% of net assets.

<sup>(4)</sup> Variable rate security. Rate disclosed is as of December 31, 2020. For leveraged loans, the rate shown may represent a weighted average interest rate. Information in parenthesis represents benchmark and reference rate for each security. Certain variable rate securities are not based on a published reference rate and spread but are determined by the issuer or agent and are based on current market conditions, or, for mortgage-backed securities, are impacted by the individual mortgages which are paying off over time. These securities do not indicate a reference rate and spread in their descriptions.

<sup>(5)</sup> No contractual maturity date.

<sup>(6)</sup> The value of this security was determined using significant unobservable inputs and is reported as a Level 3 security in the Fair Value Hierarchy table located after the Schedule of Investments.

<sup>(7)</sup> This loan will settle after December 31, 2020, at which time the interest rate, based on the LIBOR and the agreed upon spread on trade date, will be reflected.

<sup>(8)</sup> Value shown as par value.

<sup>(9)</sup> Non-income producing.

<sup>(10)</sup> All or a portion of the security is restricted.

<sup>(11)</sup> Shares of this fund are publicly offered, and its prospectus and annual report are publicly available.

**Country Weightings (Unaudited)<sup>†</sup>**

United States	82%
China	4
United Kingdom	3
Brazil	2
Canada	2
Sweden	1
Other	6
<b>Total</b>	<b>100%</b>

<sup>†</sup> % of total investments as of December 31, 2020.

For information regarding the abbreviations, see the Key Investment Terms starting on page 4.

See Notes to Financial Statements



# STRATEGIC ALLOCATION SERIES

## SCHEDULE OF INVESTMENTS (Continued)

### DECEMBER 31, 2020

(\$ reported in thousands)

The following table summarizes the market value of the Series' investments as of December 31, 2020, based on the inputs used to value them (See Security Valuation Note 2A in the Notes to Financial Statements):

	Total Value at December 31, 2020	Level 1 Quoted Prices	Level 2 Significant Observable Inputs	Level 3 Significant Unobservable Inputs
Assets:				
Debt Securities:				
Asset-Backed Securities	\$ 2,799	\$ —	\$ 2,799	\$—
Corporate Bonds and Notes	9,624	—	9,624	— <sup>(1)</sup>
Foreign Government Securities	118	—	118	—
Leveraged Loans	991	—	991	— <sup>(1)</sup>
Mortgage-Backed Securities	7,512	—	7,512	—
Municipal Bonds	1,585	—	1,585	—
U.S. Government Securities	4,125	—	4,125	—
Equity Securities:				
Common Stocks	77,315	77,315	—	—
Preferred Stocks	393	—	393	—
Rights	1	—	1	—
Warrant	33	33	—	—
Money Market Mutual Fund	728	728	—	—
Total Investments	<u>\$105,224</u>	<u>\$78,076</u>	<u>\$27,148</u>	<u>\$—</u>

<sup>(1)</sup> Includes internally fair valued securities currently priced at zero (\$0).

Securities held by the Series with an end of period value of \$50 were transferred from Level 3 to Level 2 due to an increase in trading activities at period end.

Some of the Series' investments that were categorized as Level 3 were valued utilizing third party pricing information without adjustment. Such valuations are based on unobservable inputs. A significant change in third party information could result in a significantly lower or higher value of Level 3 investments.

Management has determined that the amount of Level 3 securities compared to total net assets is not material; therefore, the rollforward of Level 3 securities and assumptions are not shown for the period ended December 31, 2020.

See Notes to Financial Statements

# VIRTUS VARIABLE INSURANCE TRUST

## STATEMENTS OF ASSETS AND LIABILITIES

### DECEMBER 31, 2020

(Reported in thousands except shares and per share amounts)

	Duff & Phelps Real Estate Securities Series	KAR Capital Growth Series	KAR Equity Income Series	KAR Small-Cap Growth Series
<b>Assets</b>				
Investment in securities at value <sup>(1)(2)</sup>	\$ 75,536	\$ 313,437	\$ 97,676	\$ 134,223
Foreign currency at value <sup>(2)</sup>	—	—	— <sup>(a)</sup>	— <sup>(a)</sup>
Cash	287	1,684	— <sup>(a)</sup>	2,991
Receivables				
Investment securities sold	—	—	977	—
Series shares sold	75	12	6	52
Dividends	337	88	190	12
Securities lending income	—	— <sup>(a)</sup>	—	— <sup>(a)</sup>
Other assets	200	851	266	364
<b>Total assets</b>	<b>76,435</b>	<b>316,072</b>	<b>99,115</b>	<b>137,642</b>
<b>Liabilities</b>				
Payables				
Series shares repurchased	34	79	5	92
Investment securities purchased	213	—	—	—
Investment advisory fees	41	166	41	83
Distribution and service fees	15	67	21	26
Administration and accounting fees	7	28	9	13
Transfer agent fees and expenses	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>
Professional fees	24	25	27	22
Trustee deferred compensation plan	200	851	266	364
Interest expense and/or commitment fees	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>
Other accrued expenses	8	30	10	15
<b>Total liabilities</b>	<b>542</b>	<b>1,246</b>	<b>379</b>	<b>615</b>
<b>Net Assets</b>	<b>\$ 75,893</b>	<b>\$ 314,826</b>	<b>\$ 98,736</b>	<b>\$ 137,027</b>
<b>Net Assets Consist of:</b>				
Capital paid in on shares of beneficial interest	\$ 58,365	\$ 87,249	\$ 89,928	\$ 54,795
Accumulated earnings (loss)	17,528	227,577	8,808	82,232
<b>Net Assets</b>	<b>\$ 75,893</b>	<b>\$ 314,826</b>	<b>\$ 98,736</b>	<b>\$ 137,027</b>
<b>Net Assets:</b>				
Class A	\$ 71,741	\$ 314,826	\$ 98,736	\$ 126,411
Class I	\$ 4,152	\$ —	\$ —	\$ 10,616
<b>Shares of Beneficial Interest Outstanding \$1 par value, unlimited authorization:</b>				
Class A	4,051,280	6,435,851	8,558,738	3,149,075
Class I	234,544	—	—	255,893
<b>Net Asset Value Per Share:*</b>				
Class A	\$ 17.71	\$ 48.92	\$ 11.54	\$ 40.14
Class I	\$ 17.70	\$ —	\$ —	\$ 41.49
<sup>(1)</sup> Investment in securities at cost	\$ 57,761	\$ 93,584	\$ 90,041	\$ 56,144
<sup>(2)</sup> Foreign currency at cost	\$ —	\$ —	\$ —	\$ — <sup>(a)</sup>

<sup>(a)</sup> Amount is less than \$500.

\* Net Asset Value Price Per Share are calculated using unrounded net assets.

See Notes to Financial Statements

**VIRTUS VARIABLE INSURANCE TRUST**  
**STATEMENTS OF ASSETS AND LIABILITIES (Continued)**  
**DECEMBER 31, 2020**

(Reported in thousands except shares and per share amounts)

	KAR Small-Cap Value Series	Newfleet Multi-Sector Intermediate Bond Series	SGA International Growth Series	Strategic Allocation Series
<b>Assets</b>				
Investment in securities at value <sup>(1)(2)</sup>	\$ 86,208	\$ 117,804	\$ 164,637	\$ 105,224
Cash	2,295	2,167	—	1,421
Receivables				
Investment securities sold	—	244	1,288	110
Series shares sold	—	55	1	11
Dividends and interest	371	978	— <sup>(a)</sup>	193
Tax reclaims	—	—	139	5
Securities lending income	—	— <sup>(a)</sup>	2	— <sup>(a)</sup>
Other assets	237	318	433	285
<b>Total assets</b>	<b>89,111</b>	<b>121,566</b>	<b>166,500</b>	<b>107,249</b>
<b>Liabilities</b>				
Due to custodian	—	—	2	— <sup>(a)</sup>
Payables				
Series shares repurchased	322	— <sup>(a)</sup>	409	23
Investment securities purchased	—	1,721	—	142
Foreign capital gains tax	—	—	213	—
Collateral on securities loaned	—	487	663	—
Investment advisory fees	50	49	94	45
Distribution and service fees	19	25	34	22
Administration and accounting fees	8	11	15	9
Transfer agent fees and expenses	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>
Professional fees	22	27	31	29
Trustee deferred compensation plan	237	318	433	285
Interest expense and/or commitment fees	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>	— <sup>(a)</sup>
Other accrued expenses	8	13	15	10
<b>Total liabilities</b>	<b>666</b>	<b>2,651</b>	<b>1,909</b>	<b>565</b>
<b>Net Assets</b>	<b>\$ 88,445</b>	<b>\$ 118,915</b>	<b>\$ 164,591</b>	<b>\$ 106,684</b>
<b>Net Assets Consist of:</b>				
Capital paid in on shares of beneficial interest	\$ 45,975	\$ 119,403	\$ 127,445	\$ 60,226
Accumulated earnings (loss)	42,470	(488)	37,146	46,458
<b>Net Assets</b>	<b>\$ 88,445</b>	<b>\$ 118,915</b>	<b>\$ 164,591</b>	<b>\$ 106,684</b>
<b>Net Assets:</b>				
Class A	\$ 88,445	\$ 118,363	\$ 164,468	\$ 106,684
Class I	\$ —	\$ 552	\$ 123	\$ —
<b>Shares of Beneficial Interest Outstanding \$1 par value, unlimited authorization:</b>				
Class A	4,664,297	12,357,615	11,369,794	5,988,671
Class I	—	57,638	8,522	—
<b>Net Asset Value Per Share:*</b>				
Class A	\$ 18.96	\$ 9.58	\$ 14.47	\$ 17.81
Class I	\$ —	\$ 9.57	\$ 14.47	\$ —
<sup>(1)</sup> Investment in securities at cost	\$ 45,840	\$ 114,361	\$ 129,266	\$ 60,897
<sup>(2)</sup> Market value of securities on loan	\$ —	\$ 467	\$ 648	\$ —

<sup>(a)</sup> Amount is less than \$500.

\* Net Asset Value Price Per Share are calculated using unrounded net assets.

See Notes to Financial Statements

**VIRTUS VARIABLE INSURANCE TRUST**  
**STATEMENTS OF OPERATIONS**  
**YEAR ENDED DECEMBER 31, 2020**

(\$ reported in thousands)

	Duff & Phelps Real Estate Securities Series	KAR Capital Growth Series	KAR Equity Income Series	KAR Small-Cap Growth Series
<b>Investment Income</b>				
Dividends .....	\$ 1,715	\$ 1,265	\$ 2,214	\$ 181
Securities lending, net of fees .....	—	— <sup>(1)</sup>	— <sup>(1)</sup>	1
Foreign taxes withheld .....	—	—	(4)	—
Total investment income .....	<u>1,715</u>	<u>1,265</u>	<u>2,210</u>	<u>182</u>
<b>Expenses</b>				
Investment advisory fees .....	523	1,812	630	944
Distribution and service fees, Class A .....	166	651	225	258
Administration and accounting fees .....	80	279	102	124
Transfer agent fees and expenses .....	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>
Custodian fees .....	1	1	3	— <sup>(1)</sup>
Printing fees and expenses .....	17	64	29	28
Professional fees .....	27	34	31	27
Interest expense and/or commitment fees .....	— <sup>(1)</sup>	1	— <sup>(1)</sup>	1
Trustees' fees and expenses .....	6	22	8	10
Miscellaneous expenses .....	7	13	4	9
Total expenses .....	<u>827</u>	<u>2,877</u>	<u>1,032</u>	<u>1,401</u>
Less net expenses reimbursed and/or waived by investment adviser <sup>(2)</sup> .....	<u>(43)</u>	<u>(191)</u>	<u>(149)</u>	<u>(131)</u>
Net expenses .....	<u>784</u>	<u>2,686</u>	<u>883</u>	<u>1,270</u>
<b>Net investment income (loss) .....</b>	<u>931</u>	<u>(1,421)</u>	<u>1,327</u>	<u>(1,088)</u>
<b>Net Realized and Unrealized Gain (Loss) on Investments</b>				
Net realized gain (loss) from:				
Investments .....	803	23,665	36,082	20,203
Foreign currency transactions .....	—	— <sup>(1)</sup>	—	(3)
Written options .....	—	—	(5,536)	—
Net change in unrealized appreciation (depreciation) on:				
Investments .....	(3,454)	87,283	(19,121)	24,256
Written options .....	—	—	(30)	—
<b>Net realized and unrealized gain (loss) on investments .....</b>	<u>(2,651)</u>	<u>110,948</u>	<u>11,395</u>	<u>44,456</u>
<b>Net increase (decrease) in net assets resulting from operations .....</b>	<u><u>\$(1,720)</u></u>	<u><u>\$109,527</u></u>	<u><u>\$ 12,722</u></u>	<u><u>\$43,368</u></u>

<sup>(1)</sup> Amount is less than \$500.

<sup>(2)</sup> See Note 4D in the Notes to Financial Statements.

See Notes to Financial Statements

**VIRTUS VARIABLE INSURANCE TRUST**  
**STATEMENTS OF OPERATIONS (Continued)**  
**YEAR ENDED DECEMBER 31, 2020**

(\$ reported in thousands)

	KAR Small-Cap Value Series	Newfleet Multi-Sector Intermediate Bond Series	SGA International Growth Series	Strategic Allocation Series
<b>Investment Income</b>				
Dividends .....	\$ 1,584	\$ 34	\$ 1,658	\$ 432
Interest .....	—	5,026	—	961
Securities lending, net of fees .....	—	6	4	— <sup>(1)</sup>
Foreign taxes withheld .....	(1)	— <sup>(1)</sup>	(131)	(22)
Total investment income .....	<u>1,583</u>	<u>5,066</u>	<u>1,531</u>	<u>1,371</u>
<b>Expenses</b>				
Investment advisory fees .....	667	565	1,084	506
Distribution and service fees, Class A .....	185	281	361	230
Administration and accounting fees .....	85	126	158	104
Transfer agent fees and expenses .....	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>
Custodian fees .....	— <sup>(1)</sup>	2	13	4
Printing fees and expenses .....	17	28	34	22
Professional fees .....	25	32	64	38
Interest expense and/or commitment fees .....	— <sup>(1)</sup>	1	1	—
Trustees' fees and expenses .....	7	10	13	8
Miscellaneous expenses .....	4	7	15	9
Total expenses .....	990	1,052	1,743	921
Less net expenses reimbursed and/or waived by investment adviser <sup>(2)</sup> .....	(174)	—	(42)	(18)
Plus net expenses recaptured <sup>(2)</sup> .....	—	9	—	—
Net expenses .....	<u>816</u>	<u>1,061</u>	<u>1,701</u>	<u>903</u>
<b>Net investment income (loss) .....</b>	<u>767</u>	<u>4,005</u>	<u>(170)</u>	<u>468</u>
<b>Net Realized and Unrealized Gain (Loss) on Investments</b>				
Net realized gain (loss) from:				
Investments .....	6,840	1,117	8,075	5,155
Foreign currency transactions .....	—	(134)	(37)	— <sup>(1)</sup>
Foreign capital gains tax .....	—	—	(89)	—
Net change in unrealized appreciation (depreciation) on:				
Investments .....	12,969	1,879	24,573	22,133
Foreign currency transactions .....	—	— <sup>(1)</sup>	13	— <sup>(1)</sup>
Foreign capital gains tax .....	—	—	(213)	—
<b>Net realized and unrealized gain (loss) on investments .....</b>	<u>19,809</u>	<u>2,862</u>	<u>32,322</u>	<u>27,288</u>
<b>Net increase (decrease) in net assets resulting from operations .....</b>	<u>\$20,576</u>	<u>\$6,867</u>	<u>\$32,152</u>	<u>\$27,756</u>

<sup>(1)</sup> Amount is less than \$500.

<sup>(2)</sup> See Note 4D in the Notes to Financial Statements.

See Notes to Financial Statements

# VIRTUS VARIABLE INSURANCE TRUST

## STATEMENTS OF CHANGES IN NET ASSETS

(\$ reported in thousands)

	Duff & Phelps Real Estate Securities Series		KAR Capital Growth Series	
	Year Ended December 31, 2020	Year Ended December 31, 2019	Year Ended December 31, 2020	Year Ended December 31, 2019
<b>Increase (Decrease) in Net Assets</b>				
<b>From Operations</b>				
Net investment income (loss) .....	\$ 931	\$ 1,168	\$ (1,421)	\$ (537)
Net realized gain (loss) .....	803	8,025	23,665	8,697
Net change in unrealized appreciation (depreciation) .....	(3,454)	8,132	87,283	63,554
<b>Increase (decrease) in net assets resulting from operations .....</b>	<b>(1,720)</b>	<b>17,325</b>	<b>109,527</b>	<b>71,714</b>
<b>Dividends and Distributions to Shareholders</b>				
<b>Net Investment Income and Net Realized Gains:</b>				
Class A .....	(2,077)	(8,680)	(16,871)	(8,813)
Class I .....	(124)	(224)	—	—
<b>Total Dividends and Distributions to Shareholders .....</b>	<b>(2,201)</b>	<b>(8,904)</b>	<b>(16,871)</b>	<b>(8,813)</b>
<b>Change in Net Assets from Capital Transactions (See Note 6):</b>				
Class A .....	(1,337)	3,175	(10,664)	(17,227)
Class I .....	1,934	2,049	—	—
<b>Increase (decrease) in net assets from capital transactions .....</b>	<b>597</b>	<b>5,224</b>	<b>(10,664)</b>	<b>(17,227)</b>
<b>Net increase (decrease) in net assets .....</b>	<b>(3,324)</b>	<b>13,645</b>	<b>81,992</b>	<b>45,674</b>
<b>Net Assets</b>				
Beginning of period .....	79,217	65,572	232,834	187,160
<b>End of Period .....</b>	<b>\$ 75,893</b>	<b>\$ 79,217</b>	<b>\$ 314,826</b>	<b>\$ 232,834</b>

See Notes to Financial Statements



# VIRTUS VARIABLE INSURANCE TRUST

## STATEMENTS OF CHANGES IN NET ASSETS (Continued)

(\$ reported in thousands)

	KAR Equity Income Series		KAR Small-Cap Growth Series	
	Year Ended December 31, 2020	Year Ended December 31, 2019	Year Ended December 31, 2020	Year Ended December 31, 2019
<b>Increase (Decrease) in Net Assets</b>				
<b>From Operations</b>				
Net investment income (loss) .....	\$ 1,327	\$ 932	\$ (1,088)	\$ (480)
Net realized gain (loss) .....	30,546	426	20,200	13,426
Net change in unrealized appreciation (depreciation) .....	(19,151)	21,859	24,256	17,540
<b>Increase (decrease) in net assets resulting from operations .....</b>	<u>12,722</u>	<u>23,217</u>	<u>43,368</u>	<u>30,486</u>
<b>Dividends and Distributions to Shareholders</b>				
<b>Net Investment Income and Net Realized Gains:</b>				
Class A .....	(23,513)	(1,109)	(14,459)	(13,810)
Class I .....	<u>—</u>	<u>—</u>	<u>(1,158)</u>	<u>(892)</u>
<b>Total Dividends and Distributions to Shareholders .....</b>	<u>(23,513)</u>	<u>(1,109)</u>	<u>(15,617)</u>	<u>(14,702)</u>
<b>Change in Net Assets from Capital Transactions (See Note 6):</b>				
Class A .....	12,342	(10,768)	3,730	1,572
Class I .....	<u>—</u>	<u>—</u>	<u>1,931</u>	<u>2,285</u>
<b>Increase (decrease) in net assets from capital transactions .....</b>	<u>12,342</u>	<u>(10,768)</u>	<u>5,661</u>	<u>3,857</u>
<b>Net increase (decrease) in net assets .....</b>	<u>1,551</u>	<u>11,340</u>	<u>33,412</u>	<u>19,641</u>
<b>Net Assets</b>				
Beginning of period .....	97,185	85,845	103,615	83,974
<b>End of Period .....</b>	<u>\$ 98,736</u>	<u>\$ 97,185</u>	<u>\$ 137,027</u>	<u>\$ 103,615</u>

See Notes to Financial Statements

# VIRTUS VARIABLE INSURANCE TRUST

## STATEMENTS OF CHANGES IN NET ASSETS (Continued)

(\$ reported in thousands)

	KAR Small-Cap Value Series		Newfleet Multi-Sector Intermediate Bond Series	
	Year Ended December 31, 2020	Year Ended December 31, 2019	Year Ended December 31, 2020	Year Ended December 31, 2019
<b>Increase (Decrease) in Net Assets</b>				
<b>From Operations</b>				
Net investment income (loss) .....	\$ 767	\$ 555	\$ 4,005	\$ 4,685
Net realized gain (loss) .....	6,840	2,648	983	(931)
Net increase from payment by affiliate .....	—	—	—	2
Net change in unrealized appreciation (depreciation) .....	12,969	13,275	1,879	8,032
<b>Increase (decrease) in net assets resulting from operations .....</b>	<b>20,576</b>	<b>16,478</b>	<b>6,867</b>	<b>11,788</b>
<b>Dividends and Distributions to Shareholders</b>				
<b>Net Investment Income and Net Realized Gains:</b>				
Class A .....	(6,307)	(1,794)	(3,755)	(4,273)
Class I .....	—	—	(18)	(37)
<b>Total Dividends and Distributions to Shareholders .....</b>	<b>(6,307)</b>	<b>(1,794)</b>	<b>(3,773)</b>	<b>(4,310)</b>
<b>Change in Net Assets from Capital Transactions (See Note 6):</b>				
Class A .....	(3,095)	(7,274)	(1,635)	(5,909)
Class I .....	—	—	(399)	201
<b>Increase (decrease) in net assets from capital transactions .....</b>	<b>(3,095)</b>	<b>(7,274)</b>	<b>(2,034)</b>	<b>(5,708)</b>
<b>Net increase (decrease) in net assets .....</b>	<b>11,174</b>	<b>7,410</b>	<b>1,060</b>	<b>1,770</b>
<b>Net Assets</b>				
Beginning of period .....	77,271	69,861	117,855	116,085
<b>End of Period .....</b>	<b>\$ 88,445</b>	<b>\$ 77,271</b>	<b>\$ 118,915</b>	<b>\$ 117,855</b>

See Notes to Financial Statements

# VIRTUS VARIABLE INSURANCE TRUST

## STATEMENTS OF CHANGES IN NET ASSETS (Continued)

(\$ reported in thousands)

	SGA International Growth Series		Strategic Allocation Series	
	Year Ended December 31, 2020	Year Ended December 31, 2019	Year Ended December 31, 2020	Year Ended December 31, 2019
<b>Increase (Decrease) in Net Assets</b>				
<b>From Operations</b>				
Net investment income (loss) .....	\$ (170)	\$ 1,578	\$ 468	\$ 1,052
Net realized gain (loss) .....	7,949	7,025	5,155	1,758
Net change in unrealized appreciation (depreciation) .....	24,373	16,044	22,133	16,841
<b>Increase (decrease) in net assets resulting from operations .....</b>	<b>32,152</b>	<b>24,647</b>	<b>27,756</b>	<b>19,651</b>
<b>Dividends and Distributions to Shareholders</b>				
<b>Net Investment Income and Net Realized Gains:</b>				
Class A .....	(2,098)	(1,216)	(3,637)	(2,202)
Class I .....	(2)	(1)	—	—
<b>Total Dividends and Distributions to Shareholders .....</b>	<b>(2,100)</b>	<b>(1,217)</b>	<b>(3,637)</b>	<b>(2,202)</b>
<b>Change in Net Assets from Capital Transactions (See Note 6):</b>				
Class A .....	(13,563)	(12,977)	(5,337)	(9,083)
Class I .....	2	1	—	—
<b>Increase (decrease) in net assets from capital transactions .....</b>	<b>(13,561)</b>	<b>(12,976)</b>	<b>(5,337)</b>	<b>(9,083)</b>
<b>Net increase (decrease) in net assets .....</b>	<b>16,491</b>	<b>10,454</b>	<b>18,782</b>	<b>8,366</b>
<b>Net Assets</b>				
Beginning of period .....	148,100	137,646	87,902	79,536
<b>End of Period .....</b>	<b>\$ 164,591</b>	<b>\$ 148,100</b>	<b>\$ 106,684</b>	<b>\$ 87,902</b>

See Notes to Financial Statements

**VIRTUS VARIABLE INSURANCE TRUST**  
**FINANCIAL HIGHLIGHTS**  
**SELECTED PER SHARE DATA AND RATIOS FOR A SHARE OUTSTANDING**  
**THROUGHOUT EACH PERIOD**

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss)	Total from Investment Operations	Dividends from Net Investment Income	Return of Capital	Distributions from Net Realized Gains	Total Distributions	Change in Net Asset Value	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in thousands)	Ratio of Net Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Gross Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets	Portfolio Turnover Rate
<b>Duff &amp; Phelps Real Estate Securities Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$18.54	0.22	(0.52)	(0.30)	(0.20)	—	(0.33)	(0.53)	(0.83)	\$17.71	(1.55)%	\$ 71,741	1.14% <sup>(4)</sup>	1.20%	1.30%	26%
1/1/19 to 12/31/19	16.40	0.30	4.20	4.50	(0.34)	—	(2.02)	(2.36)	2.14	18.54	27.42	77,044	1.16 <sup>(4)</sup>	1.20	1.57	44
1/1/18 to 12/31/18	19.23	0.28	(1.41)	(1.13)	(0.30)	—	(1.40)	(1.70)	(2.83)	16.40	(6.53)	65,357	1.16	1.19	1.54	20
1/1/17 to 12/31/17	20.31	0.25	0.92	1.17	(0.29)	—	(1.96)	(2.25)	(1.08)	19.23	5.97	77,564	1.16	1.21	1.24	24
1/1/16 to 12/31/16	22.85	0.34	1.17	1.51	(0.43)	—	(3.62)	(4.05)	(2.54)	20.31	6.82 <sup>(5)</sup>	81,243	1.17 <sup>(5)(6)</sup>	1.25	1.42 <sup>(5)</sup>	35
<b>Class I</b>																
1/1/20 to 12/31/20	\$18.51	0.34	(0.60)	(0.26)	(0.22)	—	(0.33)	(0.55)	(0.81)	\$17.70	(1.33)%	\$ 4,152	0.89% <sup>(4)</sup>	0.95%	2.08%	26%
1/1/19 to 12/31/19	16.35	0.40	4.14	4.54	(0.36)	—	(2.02)	(2.38)	2.16	18.51	27.78	2,173	0.91 <sup>(4)</sup>	0.95	2.04	44
1/1/18 to 12/31/18	19.19	0.34	(1.43)	(1.09)	(0.35)	—	(1.40)	(1.75)	(2.84)	16.35	(6.36)	215	0.91	0.94	1.85	20
1/1/17 to 12/31/17	20.27	0.30	0.93	1.23	(0.35)	—	(1.96)	(2.31)	(1.08)	19.19	6.25	207	0.91	0.96	1.49	24
1/1/16 to 12/31/16	22.81	0.35	1.22	1.57	(0.49)	—	(3.62)	(4.11)	(2.54)	20.27	7.10 <sup>(5)</sup>	199	0.92 <sup>(5)(6)</sup>	1.00	1.46 <sup>(5)</sup>	35
<b>KAR Capital Growth Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$34.44	(0.22)	17.42	17.20	—	—	(2.72)	(2.72)	14.48	\$48.92	50.23%	\$314,826	1.03%	1.10%	(0.55)%	7%
1/1/19 to 12/31/19	25.62	(0.08)	10.22	10.14	—	—	(1.32)	(1.32)	8.82	34.44	39.87	232,834	1.03	1.11	(0.24)	9
1/1/18 to 12/31/18	31.40	(0.09)	(1.92)	(2.01)	—	—	(3.77)	(3.77)	(5.78)	25.62	(7.25)	187,160	1.03	1.11	(0.28)	15
1/1/17 to 12/31/17	24.09	(0.05)	8.75	8.70	—	—	(1.39)	(1.39)	7.31	31.40	36.07	224,253	1.03	1.13	(0.16)	21
1/1/16 to 12/31/16	24.91	— <sup>(7)</sup>	(0.22)	(0.22)	(0.60)	—	—	(0.60)	(0.82)	24.09	(0.86) <sup>(5)</sup>	185,519	1.04 <sup>(5)(6)</sup>	1.18	(0.10) <sup>(5)</sup>	23
<b>KAR Equity Income Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$13.15	0.19	1.78	1.97	(0.23)	—	(3.35)	(3.58)	(1.61)	\$11.54	14.91%	\$ 98,736	0.98%	1.15%	1.47%	116% <sup>(8)</sup>
1/1/19 to 12/31/19	10.34	0.12	2.84	2.96	(0.15)	—	—	(0.15)	2.81	13.15	28.67	97,185	0.98	1.13	1.00	27
1/1/18 to 12/31/18	12.00	0.11	(1.65)	(1.54)	(0.12)	—	—	(0.12)	(1.66)	10.34	(12.86)	85,845	0.98	1.14	0.97	26
1/1/17 to 12/31/17	11.97	0.12	2.58	2.70	(0.21)	(0.07)	(2.39)	(2.67)	0.03	12.00	22.96	111,386	0.98	1.16	0.96	241
1/1/16 to 12/31/16	13.67	0.25	1.01	1.26	(0.18)	—	(2.78)	(2.96)	(1.70)	11.97	9.41 <sup>(5)</sup>	104,587	0.99 <sup>(5)(6)</sup>	1.20	1.41 <sup>(5)</sup>	241 <sup>(8)</sup>

The footnote legend is at the end of the financial highlights.

See Notes to Financial Statements

**VIRTUS VARIABLE INSURANCE TRUST**  
**FINANCIAL HIGHLIGHTS (Continued)**  
**SELECTED PER SHARE DATA AND RATIOS FOR A SHARE OUTSTANDING**  
**THROUGHOUT EACH PERIOD**

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss)	Total from Investment Operations	Dividends from Net Investment Income	Distributions from Net Realized Gains	Total Distributions	Payment from Affiliate	Change in Net Asset Value	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in thousands)	Ratio of Net Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Gross Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets	Portfolio Turnover Rate
<b>KAR Small-Cap Growth Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$31.48	(0.35)	14.19	13.84	—	(5.18)	(5.18)	—	8.66	\$40.14	44.64%	\$126,411	1.16%	1.28%	(1.00)%	17%
1/1/19 to 12/31/19	26.70	(0.16)	10.00	9.84	—	(5.06)	(5.06)	—	4.78	31.48	37.31	96,996	1.19 <sup>(4)</sup>	1.28	(0.49)	11
1/1/18 to 12/31/18	28.66	(0.03)	3.66	3.63	—	(5.59)	(5.59)	—	(1.96)	26.70	11.66	80,309	1.19	1.27	(0.10)	20
1/1/17 to 12/31/17	21.61	(0.12)	8.93	8.81	—	(1.76)	(1.76)	—	7.05	28.66	40.85	79,597	1.19	1.30	(0.49)	18
1/1/16 to 12/31/16	18.75	(0.06)	4.85	4.79	—	(1.93)	(1.93)	—	2.86	21.61	25.92 <sup>(5)</sup>	63,008	1.20 <sup>(5)(6)</sup>	1.37	(0.37) <sup>(5)</sup>	18
<b>Class I</b>																
1/1/20 to 12/31/20	\$32.33	(0.27)	14.61	14.34	—	(5.18)	(5.18)	—	9.16	\$41.49	45.02%	\$ 10,616	0.91%	1.03%	(0.74)%	17%
1/1/19 to 12/31/19	27.25	(0.08)	10.22	10.14	—	(5.06)	(5.06)	—	5.08	32.33	37.66	6,619	0.94 <sup>(4)</sup>	1.03	(0.25)	11
1/1/18 to 12/31/18	29.08	0.04	3.72	3.76	—	(5.59)	(5.59)	—	(1.83)	27.25	11.95	3,665	0.94	1.03	0.12	20
1/1/17 to 12/31/17	21.86	(0.06)	9.04	8.98	—	(1.76)	(1.76)	—	7.22	29.08	41.16	1,858	0.94	1.05	(0.24)	18
1/1/16 to 12/31/16	18.90	0.01	4.88	4.89	—	(1.93)	(1.93)	—	2.96	21.86	26.25 <sup>(5)</sup>	353	0.95 <sup>(5)(6)</sup>	1.12	(0.10) <sup>(5)</sup>	18
<b>KAR Small-Cap Value Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$15.78	0.16	4.43	4.59	(0.18)	(1.23)	(1.41)	—	3.18	\$18.96	29.65%	\$ 88,445	1.10%	1.34%	1.04%	22%
1/1/19 to 12/31/19	12.96	0.11	3.08	3.19	(0.15)	(0.22)	(0.37)	—	2.82	15.78	24.63	77,271	1.10	1.34	0.73	8
1/1/18 to 12/31/18	17.36	0.12	(2.72)	(2.60)	(0.15)	(1.65)	(1.80)	—	(4.40)	12.96	(15.88)	69,861	1.19 <sup>(4)</sup>	1.33	0.74	11
1/1/17 to 12/31/17	16.69	0.05	3.23	3.28	(0.12)	(2.49)	(2.61)	—	0.67	17.36	20.16	94,638	1.20	1.34	0.26	20
1/1/16 to 12/31/16	15.17	0.32	3.66	3.98	(0.34)	(2.12)	(2.46)	—	1.52	16.69	26.54 <sup>(5)</sup>	94,966	1.21 <sup>(5)(6)</sup>	1.40	1.85 <sup>(5)</sup>	22
<b>Newfleet Multi-Sector Intermediate Bond Series</b>																
<b>Class A</b>																
1/1/20 to 12/31/20	\$ 9.28	0.33	0.28	0.61	(0.31)	—	(0.31)	—	0.30	\$ 9.58	6.64%	\$118,363	0.94% <sup>(9)(10)</sup>	0.93%	3.54%	92%
1/1/19 to 12/31/19	8.72	0.37	0.54	0.91	(0.35)	—	(0.35)	— <sup>(7)</sup>	0.56	9.28	10.47 <sup>(11)</sup>	116,901	0.94 <sup>(9)(10)</sup>	0.93	3.98	66
1/1/18 to 12/31/18	9.34	0.39	(0.64)	(0.25)	(0.37)	—	(0.37)	—	(0.62)	8.72	(2.66)	115,379	0.93	0.93	4.23	64
1/1/17 to 12/31/17	9.14	0.41	0.20	0.61	(0.41)	—	(0.41)	—	0.20	9.34	6.72	133,430	0.93	0.96	4.35	62
1/1/16 to 12/31/16	8.75	0.44	0.37	0.81	(0.42)	—	(0.42)	—	0.39	9.14	9.29 <sup>(5)</sup>	128,969	0.94 <sup>(5)(6)</sup>	1.00	4.82 <sup>(5)</sup>	68
<b>Class I</b>																
1/1/20 to 12/31/20	\$ 9.27	0.35	0.28	0.63	(0.33)	—	(0.33)	—	0.30	\$ 9.57	6.78%	\$ 552	0.69% <sup>(9)(10)</sup>	0.69%	3.84%	92%
1/1/19 to 12/31/19	8.70	0.39	0.55	0.94	(0.37)	—	(0.37)	— <sup>(7)</sup>	0.57	9.27	10.89 <sup>(11)</sup>	954	0.69 <sup>(9)(10)</sup>	0.68	4.22	66
1/1/18 to 12/31/18	9.32	0.41	(0.63)	(0.22)	(0.40)	—	(0.40)	—	(0.62)	8.70	(2.41)	706	0.68	0.68	4.46	64
1/1/17 to 12/31/17	9.12	0.43	0.20	0.63	(0.43)	—	(0.43)	—	0.20	9.32	7.00	1,378	0.68	0.70	4.54	62
1/1/16 to 12/31/16	8.74	0.47	0.35	0.82	(0.44)	—	(0.44)	—	0.38	9.12	9.46 <sup>(5)</sup>	242	0.69 <sup>(5)(6)</sup>	0.75	5.08 <sup>(5)</sup>	68

The footnote legend is at the end of the financial highlights.

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**VIRTUS VARIABLE INSURANCE TRUST**  
**FINANCIAL HIGHLIGHTS (Continued)**  
**SELECTED PER SHARE DATA AND RATIOS FOR A SHARE OUTSTANDING**  
**THROUGHOUT EACH PERIOD**

	Net Asset Value, Beginning of Period	Net Investment Income (Loss) <sup>(1)</sup>	Net Realized and Unrealized Gain (Loss)	Total from Investment Operations	Dividends from Net Investment Income	Distributions from Net Realized Gains	Total Distributions	Change in Net Asset Value	Net Asset Value, End of Period	Total Return <sup>(2)</sup>	Net Assets, End of Period (in thousands)	Ratio of Net Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Gross Expenses to Average Net Assets <sup>(3)</sup>	Ratio of Net Investment Income (Loss) to Average Net Assets	Portfolio Turnover Rate
<b>SGA International Growth Series</b>															
<b>Class A</b>															
1/1/20 to 12/31/20	\$11.86	(0.01)	2.81	2.80	—	(0.19)	(0.19)	2.61	\$14.47	23.64%	\$164,468	1.18% <sup>(4)(6)</sup>	1.21%	(0.12)%	34%
1/1/19 to 12/31/19	10.09	0.12	1.75	1.87	(0.10)	—	(0.10)	1.77	11.86	18.54	148,000	1.20 <sup>(4)(6)</sup>	1.21	1.08	140 <sup>(8)</sup>
1/1/18 to 12/31/18	12.50	0.24	(2.29)	(2.05)	(0.36)	—	(0.36)	(2.41)	10.09	(16.67)	137,562	1.18 <sup>(10)</sup>	1.17	1.97	40
1/1/17 to 12/31/17	10.95	0.15	1.59	1.74	(0.19)	—	(0.19)	1.55	12.50	15.95	183,403	1.18	1.21	1.24	81
1/1/16 to 12/31/16	14.01	0.08	(0.44)	(0.36)	(0.09)	(2.61)	(2.70)	(3.06)	10.95	(1.61) <sup>(5)</sup>	177,868	1.18 <sup>(5)(6)</sup>	1.26	0.62 <sup>(5)</sup>	83
<b>Class I</b>															
1/1/20 to 12/31/20	\$11.83	0.02	2.81	2.83	—	(0.19)	(0.19)	2.64	\$14.47	23.95%	\$ 123	0.93% <sup>(4)(6)</sup>	0.97%	0.13%	34%
1/1/19 to 12/31/19	10.07	0.15	1.74	1.89	(0.13)	—	(0.13)	1.76	11.83	18.77	100	0.95 <sup>(4)(6)</sup>	0.96	1.30	140 <sup>(8)</sup>
1/1/18 to 12/31/18	12.48	0.27	(2.29)	(2.02)	(0.39)	—	(0.39)	(2.41)	10.07	(16.44)	84	0.93 <sup>(10)</sup>	0.92	2.23	40
1/1/17 to 12/31/17	10.94	0.17	1.59	1.76	(0.22)	—	(0.22)	1.54	12.48	16.17	100	0.93	0.96	1.48	81
1/1/16 to 12/31/16	13.99	0.11	(0.42)	(0.31)	(0.13)	(2.61)	(2.74)	(3.05)	10.94	(1.28) <sup>(5)</sup>	86	0.93 <sup>(5)(6)</sup>	1.01	0.88 <sup>(5)</sup>	83
<b>Strategic Allocation Series</b>															
<b>Class A</b>															
1/1/20 to 12/31/20	\$13.78	0.08	4.57	4.65	(0.11)	(0.51)	(0.62)	4.03	\$17.81	33.96%	\$106,684	0.98%	1.00%	0.51%	28%
1/1/19 to 12/31/19	11.22	0.16	2.75	2.91	(0.17)	(0.18)	(0.35)	2.56	13.78	26.05	87,902	0.98	1.01	1.22	40
1/1/18 to 12/31/18	12.62	0.17	(0.89)	(0.72)	(0.18)	(0.50)	(0.68)	(1.40)	11.22	(5.89)	79,536	0.98	1.02	1.32	33
1/1/17 to 12/31/17	10.88	0.16	1.89	2.05	(0.23)	(0.08)	(0.31)	1.74	12.62	18.97	97,028	0.98	1.06	1.31	38
1/1/16 to 12/31/16	12.34	0.24	(0.14)	0.10	(0.21)	(1.35)	(1.56)	(1.46)	10.88	0.82 <sup>(5)</sup>	93,276	0.99 <sup>(5)(6)</sup>	1.09	1.96 <sup>(5)</sup>	114

**Footnote Legend:**

<sup>(1)</sup> Calculated using average shares outstanding.

<sup>(2)</sup> The total return does not include the expenses associated with the annuity or life insurance policy through which you invest.

<sup>(3)</sup> The Series will also indirectly bear their prorated share of expenses of any underlying funds in which they invest. Such expenses are not included in the calculation of this ratio.

<sup>(4)</sup> Due to a change in expense cap, the ratio shown is a blended expense ratio.

The footnote legend is at the end of the financial highlights.

See Notes to Financial Statements



**VIRTUS VARIABLE INSURANCE TRUST**  
**FINANCIAL HIGHLIGHTS (Continued)**  
**SELECTED PER SHARE DATA AND RATIOS FOR A SHARE OUTSTANDING**  
**THROUGHOUT EACH PERIOD**

- (5) State Street Bank & Trust, custodian for some of the Series through January 29, 2010, reimbursed the Series for out-of-pocket custody expenses overbilled for the period 1998 through January 29, 2010. Custody fees reimbursed were excluded from the Ratio of Net Expenses to Average Net Assets and Ratio of Net Investment Income (Loss) to Average Net Assets. If included, the impact would have been to lower the Ratio of Net Expenses to Average Net Assets and increase the Ratio of Net Investment Income (Loss) to Average Net Assets as follows:

Duff & Phelps Real Estate Securities Series 0.02% (Class A) and 0.03% (Class I),  
 KAR Capital Growth Series 0.10%,  
 KAR Equity Income Series 0.46%,  
 KAR Small-Cap Growth Series 0.09% (Class A) and 0.14% (Class I),  
 KAR Small-Cap Value Series 0.08%,  
 Newfleet Multi-Sector Intermediate Bond Series 0.04% (Class A) and 0.05% (Class I),  
 SGA International Growth Series 0.04%,  
 Strategic Allocation Series 0.03%.

Custody fees reimbursed were included in Total Return. If excluded, the impact would have been to lower the Total Return as follows:

Duff & Phelps Real Estate Securities Series 0.03%,  
 KAR Capital Growth Series 0.10%,  
 KAR Equity Income Series 0.44%,  
 KAR Small-Cap Growth Series 0.08%,  
 KAR Small-Cap Value Series 0.08%,  
 Newfleet Multi-Sector Intermediate Bond Series 0.04%,  
 SGA International Growth Series 0.04%,  
 Strategic Allocation Series 0.03%.

- (6) Net expense ratio includes extraordinary proxy expenses.  
 (7) Amount is less than \$0.005 per share.  
 (8) The Series' portfolio turnover rate increased substantially during the years due to a change in the Series' subadviser and associated repositioning.  
 (9) The share class is currently below its expense cap.  
 (10) See Note 4D in the Notes to Financial Statements for information on recapture of expenses previously reimbursed.  
 (11) Payment from affiliate had no impact on total return.

The footnote legend is at the end of the financial highlights.

See Notes to Financial Statements

# VIRTUS VARIABLE INSURANCE TRUST

## NOTES TO FINANCIAL STATEMENTS

### DECEMBER 31, 2020

#### Note 1. Organization

Virtus Variable Insurance Trust (the "Trust") 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. It was formed on February 18, 1986, as a Massachusetts business trust, commenced operations on December 5, 1986, and was reorganized as a Delaware statutory trust on February 14, 2011.

The Trust is organized with series, which are currently available only to separate accounts of participating insurance companies to fund variable accumulation annuity contracts and variable universal life insurance policies. As of the date of this report, the Trust is comprised of eight series (each a "Series"), each reported in this annual report. Each Series' investment objective is outlined in the respective Series Summary page. *There is no guarantee that a Series will achieve its objective(s).*

Each Series offers Class A shares. The Duff & Phelps Real Estate Securities Series, KAR Small-Cap Growth Series, Newfleet Multi-Sector Intermediate Bond Series, and SGA International Growth Series also offer Class I shares.

#### Note 2. Significant Accounting Policies

##### (\$ reported in thousands)

The Trust is an investment company that follows the accounting and reporting guidance of Accounting Standards Codification Topic 946 applicable to Investment Companies. The following is a summary of significant accounting policies consistently followed by the Series in the preparation of their financial statements and for derivatives, included in Note 3 below. The preparation of financial statements in conformity with U.S. generally accepted accounting principles ("U.S. GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates and those differences could be significant.

##### A. Security Valuation

Each Series utilizes a fair value hierarchy which prioritizes the inputs to valuation techniques used to measure fair value into three broad levels. The Series' policy is to recognize transfers into or out of Level 3 at the end of the reporting period.

- Level 1 – quoted prices in active markets for identical securities (security types generally include listed equities).
- Level 2 – prices determined using other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).
- Level 3 – prices determined using significant unobservable inputs (including the Valuation Committee's own assumptions in determining the fair value of investments).

A description of the valuation techniques applied to a Series' major categories of assets and liabilities measured at fair value on a recurring basis is as follows:

Equity securities are valued at the official closing price (typically last sale) on the exchange on which the securities are primarily traded or, if no closing price is available, at the last bid price and are categorized as Level 1 in the hierarchy. Restricted equity securities and private placements that are illiquid, or are internally fair valued by the Valuation Committee, are generally categorized as Level 3 in the hierarchy.

Certain non-U.S. securities may be fair valued in cases where closing prices are not readily available or are deemed not reflective of readily available market prices. For example, significant events (such as movement in the U.S. securities market, or other regional and local developments) may occur between the time that non-U.S. markets close (where the security is principally traded) and the time that a Series calculates its net asset value ("NAV") at the close of regular trading on the New York Stock Exchange ("NYSE") (generally 4 p.m. Eastern time) that may impact the value of securities traded in these non-U.S. markets. In such cases, the Series fair value non-U.S. securities using an independent pricing service which considers the correlation of the trading patterns of the non-U.S. security to the intraday trading in the U.S. markets for investments such as ADRs, financial futures, ETFs, and certain indexes, as well as prices for similar securities. Such fair valuations are categorized as Level 2 in the hierarchy. Because the frequency of significant events is not predictable, fair valuation of certain non-U.S. common stocks may occur on a frequent basis.

Debt securities, including restricted securities, are valued based on evaluated quotations received from independent pricing services or from dealers who make markets in such securities. For most bond types, the pricing service utilizes matrix pricing that considers one or more of the following factors: yield or price of bonds of comparable quality, coupon, maturity, current cash flows, type, and current day trade information, as well as dealer supplied prices. These valuations are generally categorized as Level 2 in the hierarchy. Structured debt instruments, such as mortgage-backed and asset-backed securities may also incorporate collateral analysis and utilize cash flow models for valuation and are generally categorized as Level 2 in the hierarchy. Pricing services do not provide pricing for all securities and therefore indicative bids from dealers are utilized which are based on pricing models used by market makers in the security and are generally categorized as Level 2 in the hierarchy. Debt securities that are internally fair valued by the Valuation Committee are generally categorized as Level 3 in the hierarchy.

Listed derivatives, such as options, that are actively traded are valued based on quoted prices from the exchange and are categorized as Level 1 in the hierarchy. Over-the-counter derivative contracts, which include forward currency contracts and equity-linked instruments, do not require material subjectivity as pricing inputs are observed from actively quoted markets and are categorized as Level 2 in the hierarchy.

Investments in open-end mutual funds are valued at NAV. Investments in closed-end funds and ETFs are valued as of the close of regular trading on the NYSE each business day. Each is categorized as Level 1 in the hierarchy.

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

A summary of the inputs used to value a Series' net assets by each major security type is disclosed at the end of the Schedule of Investments for each Series. The inputs or methodologies used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

**B. Security Transactions and Investment Income**

Security transactions are recorded on the trade date. Realized gains and losses from the sale of securities are determined on the identified cost basis. Dividend income is recognized on the ex-dividend date or, in the case of certain foreign securities, as soon as a Series is notified. Interest income is recorded on the accrual basis. Each Series amortizes premiums and accretes discounts using the effective interest method. Premiums on callable debt securities are amortized to interest income to the earliest call date using the effective interest method. Any distributions from underlying funds are recorded in accordance with the character of the distributions as designated by the underlying funds.

Dividend income from REITs is recorded using management's estimate of the percentage of income included in distributions received from such investments based on historical information and other industry sources. The return of capital portion of the estimate is a reduction to investment income and a reduction in the cost basis of each investment which increases net realized gain (loss) and net change in unrealized appreciation (depreciation). If the return of capital distributions exceed their cost basis, the distributions are treated as realized gains. The actual amounts of income, return of capital, and capital gains are only determined by each REIT after its fiscal year-end, and may differ from the estimated amounts.

**C. Income Taxes**

Each Series is treated as a separate taxable entity. It is the intention of each Series to comply with the requirements of Subchapter M of the Internal Revenue Code and to distribute substantially all of its taxable income to its shareholders. Therefore, no provision for federal income taxes or excise taxes has been made.

Certain Series may be subject to foreign taxes on income, gains on investments or currency repatriation, a portion of which may be recoverable. Each Series will accrue such taxes and recoveries as applicable based upon current interpretations of the tax rules and regulations that exist in the markets in which it invests.

Management of the Series has concluded that there are no significant uncertain tax positions that would require recognition in the financial statements. As of December 31, 2020, the tax years that remain subject to examination by the major tax jurisdictions under the statute of limitations are from the year 2017 forward (with limited exceptions).

**D. Distributions to Shareholders**

Distributions are recorded by each Series on the ex-dividend date. Income and capital gain distributions are determined in accordance with income tax regulations that may differ from U.S. GAAP.

**E. Expenses**

Expenses incurred together by a Series and other affiliated mutual funds are allocated in proportion to the net assets of each such Series or fund, except where allocation of direct expenses to each Series or an alternative allocation method can be more appropriately used.

In addition to the net annual operating expenses that a Series bears directly, the contract owners, as investors in the Series, indirectly bear the Series' pro-rata expenses of any underlying mutual funds in which the Series invests.

**F. Foreign Currency Transactions**

Non-U.S. investment securities and other assets and liabilities denominated in foreign currencies are translated into U.S. dollar amounts at the foreign currency exchange rate effective at the end of the reporting period. Cost of investments is translated at the currency exchange rate effective at the trade date. The gain or loss resulting from a change in currency exchange rates between the trade and settlement date of a portfolio transaction is treated as a gain or loss on foreign currency. Likewise, the gain or loss resulting from a change in currency exchange rates between the date income is accrued and the date it is paid is treated as a gain or loss on foreign currency. The Series do not isolate that portion of the results of operations arising from changes in foreign exchange rates on investments from the fluctuations arising from changes in the market prices of securities held. Such fluctuations are included with the net realized and unrealized gain or loss on investments.

**G. When-issued Purchases and Forward Commitments (Delayed Delivery)**

Certain Series may engage in when-issued or forward commitment transactions. Securities purchased on a when-issued or forward commitment basis are also known as delayed delivery transactions. Delayed delivery transactions involve a commitment by a Series to purchase or sell a security at a future date (ordinarily up to 90 days later). When-issued or forward commitments enable the Series to lock in what is believed to be an attractive price or yield on a particular security for a period of time, regardless of future changes in interest rates. Each Series records when-issued and forward commitment securities on the trade date. Each Series maintains collateral for the securities purchased. Securities purchased on a when-issued or forward commitment basis begin earning interest on the settlement date.

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

**H. Interest-Only and Principal-Only Securities**

Certain Series may invest in stripped mortgage-backed securities. Stripped mortgage-backed securities represent a participation in, or are secured by, or payable from, mortgage loans on real property, and may be structured in classes with rights to receive varying proportions of principal and interest. Stripped mortgage-backed securities include interest-only securities (IOs) which receive all of the interest, and principal-only securities (POs) which receive all of the principal. The market value of these securities is highly sensitive to changes in interest rates and a rapid (slow) rate of principal payments may have an adverse (positive) effect on yield to maturity. Payments received for IOs are included in interest income. Because principal will not be received at the maturity of an IO, adjustments are made to the book value of the security on a daily basis until maturity and these adjustments are also included in interest income. Payments received for POs are treated as reductions to the cost and par value of the securities. Any paydown gains or losses associated with the payments received are included in interest income. If the underlying mortgage assets are greater than anticipated payments of principal, a Series may fail to recoup some or all of its initial investment in these securities.

**I. Leveraged Loans**

Certain Series may invest in direct debt instruments which are interests in amounts owed by a corporate, governmental, or other borrower to lenders or lending syndicates. Leveraged loans are generally non-investment grade and often involve borrowers that are highly leveraged. The Series may invest in obligations of borrowers who are in bankruptcy proceedings. Leveraged loans are typically senior in the corporate capital structure of the borrower. A loan is often administered by a bank or other financial institution (the "lender") that acts as agent for all holders. The agent administers the terms of the loan, as specified in the leveraged loan. A Series' investments in loans may be in the form of participations in loans or assignments of all or a portion of loans from third parties. When investing in loan participations, a Series has the right to receive payments of principal, interest and any fees to which it is entitled only from the lender selling the loan participation and only upon receipt by the lender of payments from the borrower. A Series generally has no right to enforce compliance with the terms of the leveraged loan with the borrower. As a result, a Series may be subject to the credit risk of both the borrower and the lender that is selling the leveraged loan. When a Series purchases assignments from lenders it acquires direct rights against the borrower on the loan.

A Series may invest in multiple series or tranches of a loan, which may have varying terms and carry different associated risks. Leveraged loans may involve foreign borrowers and investments may be denominated in foreign currencies. Direct indebtedness of emerging countries involves a risk that the government entities responsible for the repayment of the debt may be unable, or unwilling, to pay the principal and interest when due.

The leveraged loans have floating rate loan interests which generally pay interest at rates that are periodically determined by reference to a base lending rate plus a premium. The base lending rates are generally LIBOR, the prime rate offered by one or more U.S. banks or the certificate of deposit rate. When a leveraged loan is purchased a Series may pay an assignment fee. On an ongoing basis, a Series may receive a commitment fee based on the undrawn portion of the underlying line of credit portion of a leveraged loan. Prepayment penalty fees are received upon the prepayment of a leveraged loan by a borrower. Prepayment penalty, facility, commitment, consent and amendment fees are recorded to income as earned or paid.

As of December 31, 2020, the following Series had unfunded loan commitments:

<u>Borrower</u>	<u>Unfunded Loan Commitment</u>
	<u>Newfleet Multi-Sector Intermediate Bond Series</u>
Cano Health LLC (3 month LIBOR + 1.000%) 1.000%, 11/19/27	\$40
Precision Medicine Group LLC (3 month LIBOR + 3.750%) 3.750%, 11/18/27	13
Southern Veterinary Partners LLC (3 month LIBOR + 2.000%) 2.000%, 10/1/27	19

**J. Securities Lending**

The Series may loan securities to qualified brokers through a securities lending agency agreement with The Bank of New York Mellon ("BNYM"). Under the securities lending policy, when lending securities a Series is required to maintain collateral with a market value not less than 100% of the market value of loaned securities. Collateral is adjusted daily in connection with changes in the market value of securities on loan. Collateral may consist of cash and securities issued by the U.S. Government or its agencies. Cash collateral is invested in a short-term money market fund. Dividends earned on the collateral and premiums paid by the broker are recorded as income by the Series net of fees and rebates charged/paid by BNYM for its services as securities lending agent and in connection with this securities lending program. Lending portfolio securities involves a risk of delay in the recovery of the loaned securities or in the declining value of the collateral.

Securities lending transactions are entered into by each Series under a Master Securities Lending Agreement ("MSLA") which permit the Series, under certain circumstances including an event of default (such as bankruptcy or insolvency), to offset amounts payable by the Series to the same counterparty against amounts to be received and create one single net payment due to or from the Series.

Effective March 13, 2020, the securities lending program was put on hold and all securities on loan were recalled. Effective October 1, 2020, the Series may resume loaning portfolio securities under the securities lending program.

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

At December 31, 2020, the securities loaned were subject to a MSLA on a net payment basis as follows:

<b>Series</b>	<b>Counterparty</b>	<b>Value of Securities on Loan</b>	<b>Cash Collateral Received<sup>(1)</sup></b>	<b>Net Amount<sup>(2)</sup></b>
Newfleet Multi-Sector Intermediate Bond Series	BNYM	\$467	\$467	\$—
SGA International Growth Series	BNYM	648	648	—

<sup>(1)</sup> Collateral received in excess of the market value of securities on loan is not presented in this table. The cash collateral received in connection with securities lending transactions has been used for the purchase of securities as disclosed in the Series' Schedule of Investments.

<sup>(2)</sup> Net amount represents the net amount receivable due from the counterparty in the event of default.

**Note 3. Derivative Financial Instruments and Transactions**

**(\$ reported in thousands)**

Disclosures about derivative instruments and hedging activities are intended to enable investors to understand how and why a Series uses derivatives, how derivatives are accounted for, and how derivative instruments affect a Series' results of operations and financial position. Summarized below are such disclosures and accounting policies for each specific type of derivative instrument used by certain Series.

**Options Contracts**

An options contract provides the purchaser with the right, but not the obligation, to buy (call option) or sell (put option) a financial instrument at an agreed-upon price. Certain Series may purchase or write both put and call options on portfolio securities for hedging purposes or to facilitate the rapid implementation of investment strategies if the Series anticipates a significant market or sector advance. A Series doing so is subject to equity price risk in the normal course of pursuing its investment objective(s).

When a Series purchases an option, it pays a premium and an amount equal to that premium is recorded as an asset. When a Series writes an option, it receives a premium and an amount equal to that premium is recorded as a liability. The asset or liability is adjusted daily to reflect the current market value of the option. Holdings of the Series designated to cover outstanding written options are noted in the Schedule of Investments. Purchased options are reported as an asset within "Investment in securities at value" in the Statements of Assets and Liabilities. Written options are reported as a liability within "Written options at value." Changes in value of the purchased option are included in "Net change in unrealized appreciation (depreciation) on investments" in the Statements of Operations. Changes in value of written options are included in "Net change in unrealized appreciation (depreciation) on written options" in the Statements of Operations.

If an option expires unexercised, the Series realizes a gain or loss to the extent of the premium received or paid. If an option is exercised, the premium received or paid is recorded as an adjustment to the proceeds from the sale or the cost basis of the purchase. The difference between the premium and the amount received or paid on effecting a closing purchase or sale transaction is also treated as a realized gain or loss. Gain or loss on purchased options is included in "Net realized gain (loss) from investments" in the Statements of Operations. Gain or loss on written options is presented separately as "Net realized gain (loss) from written options" in the Statements of Operations.

The risk in writing call options is that the Series gives up the opportunity for profit if the market price of the referenced security increases and the option is exercised. The risk in writing put options is that the Series may incur a loss if the market price of the referenced security decreases and the option is exercised. The risk in buying options is that the Series pays a premium whether or not the option is exercised. The use of such instruments may involve certain additional risks as a result of unanticipated movements in the market. Writers (sellers) of options are subject to unlimited risk of loss, as the seller will be obligated to deliver or take delivery of the security at a predetermined price which may, upon exercise of the option, be significantly different from the then-market value.

The KAR Equity Income Series invested in written covered call options contracts during the year in an attempt to manage equity price risk and with the purpose of generating realized gains.

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

The following is a summary of the KAR Equity Income Series' derivative instrument holdings categorized by primary risk exposure (equity contracts) in the financial statements as of December 31, 2020:

Statement of Operations	KAR Equity Income Series
Net realized gain (loss) from purchased options .....	\$ 3,589 <sup>(1)</sup>
Net realized gain (loss) from written options .....	(5,536)
Net change in unrealized appreciation (depreciation) on purchased options .....	16 <sup>(2)</sup>
Net change in unrealized appreciation (depreciation) on written options .....	(30)
Total net realized and unrealized gain (loss) on purchased and written options .	<u>\$ (1,961)</u>

<sup>(1)</sup> Amount included in Net realized gain (loss) from investments.

<sup>(2)</sup> Amount included in Net change in unrealized appreciation (depreciation) on investments.

For the period January 1, 2020 through March 11, 2020, the average daily premiums paid by the KAR Equity Income Series for purchased options were \$76 and the average daily premiums received for written options by the KAR Equity Income Series were \$139. Effective March 12, 2020, the options overlay strategy was suspended, and effective June 18, 2020, it was removed from the investment strategy of the Series.

**Note 4. Investment Advisory Fees and Related Party Transactions**

(\$ reported in thousands)

**A. Investment Adviser**

Virtus Investment Advisers, Inc. (the "Adviser"), an indirect, wholly-owned subsidiary of Virtus Investment Partners, Inc. ("Virtus"), is the investment adviser to the Series. The Adviser manages the Series' investment programs and general operations of the Series, including oversight of the Series' subadviser(s).

As compensation for its services to the Series, the Adviser is entitled to a fee, which is calculated daily and paid monthly based upon the following annual rates as a percentage of the average daily net assets of each Series:

Series	First \$250 Million	Next \$250 Million	Over \$500 Million
KAR Capital Growth Series .....	0.70%	0.65%	0.60%
KAR Equity Income Series .....	0.70	0.65	0.60
Newfleet Multi-Sector Intermediate Bond Series ....	0.50	0.45	0.40
SGA International Growth Series .....	0.75	0.70	0.65
Strategic Allocation Series .....	0.55	0.50	0.45
	<b>First \$1 Billion</b>	<b>Next \$1 Billion</b>	<b>Over \$2 Billion</b>
Duff & Phelps Real Estate Securities Series .....	0.75%	0.70%	0.65%
	<b>First \$1 Billion</b>	<b>\$1+ Billion</b>	
KAR Small-Cap Growth Series .....	0.85%	0.80%	
	<b>First \$400 Million</b>	<b>\$400 Million to \$1 Billion</b>	<b>Over \$1 Billion</b>
KAR Small-Cap Value Series .....	0.90%	0.85%	0.80%



**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

**B. Subadvisers**

The subadvisers manage the investments of each Series for which they are paid a fee by the Adviser. A list of the subadvisers and the Series they serve as of the end of the period is as follows:

<u>Series</u>	<u>Subadviser</u>	<u>Series</u>	<u>Subadviser</u>
Duff & Phelps Real Estate Securities Series	DPIM <sup>(1)</sup>	SGA International Growth Series	SGA <sup>(5)</sup>
KAR Capital Growth Series	KAR <sup>(2)</sup>	Strategic Allocation Series	
KAR Equity Income Series	KAR <sup>(3)</sup>	(Equity Portfolio)	KAR <sup>(2)</sup>
KAR Small-Cap Growth Series	KAR <sup>(2)</sup>	(Fixed Income Portfolio)	Newfleet <sup>(4)</sup>
KAR Small-Cap Value Series	KAR <sup>(2)</sup>		
Newfleet Multi-Sector Intermediate Bond Series	Newfleet <sup>(4)</sup>		

<sup>(1)</sup>Duff & Phelps Investment Management Co. ("DPIM"), an indirect, wholly-owned subsidiary of Virtus.

<sup>(2)</sup>Kayne Anderson Rudnick Investment Management, LLC ("KAR"), an indirect, wholly-owned subsidiary of Virtus.

<sup>(3)</sup>Effective September 1, 2020, KAR is the subadviser to the Series. Prior to September 1, 2020, Rampart Investment Management Company, LLC, an indirect, wholly-owned subsidiary of Virtus, was the subadviser to the Series.

<sup>(4)</sup>Newfleet Asset Management, LLC ("Newfleet"), an indirect, wholly-owned subsidiary of Virtus.

<sup>(5)</sup>Sustainable Growth Advisers LP ("SGA"), an indirect, majority-owned subsidiary of Virtus.

**C. Expense Limitations**

The Adviser has contractually agreed to limit each Series' annual total operating expenses, subject to the exceptions listed below, so that such expenses do not exceed on an annualized basis, the following respective percentages of average daily net assets through April 30, 2021 (except as noted). Following the contractual period, the Adviser may discontinue these expense reimbursement arrangements at any time. The waivers and reimbursements are accrued daily and received monthly.

<u>Series</u>	<u>Class A</u>	<u>Class I</u>
Duff & Phelps Real Estate Securities Series <sup>*</sup>	1.10%	0.85%
KAR Capital Growth Series	1.03	N/A
KAR Equity Income Series <sup>**</sup>	0.98	N/A
KAR Small-Cap Growth Series	1.16	0.91
KAR Small-Cap Value Series	1.10	N/A
Newfleet Multi-Sector Intermediate Bond Series	0.94 <sup>‡</sup>	0.69 <sup>‡</sup>
SGA International Growth Series <sup>***</sup>	1.14	0.89
Strategic Allocation Series	0.98	N/A

<sup>\*</sup> Effective December 1, 2020 through April 30, 2022. For the period January 1, 2020 through November 30, 2020, the expense caps were as follows for Class A shares and Class I shares, respectively: 1.14% and 0.89%.

<sup>\*\*</sup> Through April 30, 2022.

<sup>\*\*\*</sup> Effective December 1, 2020 through April 30, 2022. For the period January 1, 2020 through November 30, 2020, the expense caps were as follows for Class A shares and Class I shares, respectively: 1.16% and 0.91%.

<sup>‡</sup> Each share class is currently below its expense cap.

The exclusions include front-end or contingent deferred loads, taxes, leverage and borrowing expenses (such as commitment, amendment and renewal expenses on credit or redemption facilities), interest, brokerage commissions, expenses incurred in connection with any merger or reorganization, unusual or infrequently occurring expenses (such as litigation), acquired fund fees and expenses, and dividend expenses, if any.

**D. Expense Recapture**

Under certain conditions, the Adviser may recapture operating expenses reimbursed or fees waived under these arrangements within three years after the date on which such amounts were incurred or waived. A Series must pay its ordinary operating expenses before the Adviser is entitled to any reimbursement and must remain in compliance with any applicable expense limitations or, if none, the expense limitation in effect at the time of the waiver or reimbursement. All or a portion of the following Adviser reimbursed expenses may be recaptured by the fiscal year ending:

<u>Series</u>	<u>Expiration</u>			<u>Total</u>
	<u>2021</u>	<u>2022</u>	<u>2023</u>	
Duff & Phelps Real Estate Securities Series				
Class A	\$ 24	\$ 29	\$ 41	\$ 94
Class I	—	— <sup>(1)</sup>	2	2

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

<u>Series</u>	<u>Expiration</u>			<u>Total</u>
	<u>2021</u>	<u>2022</u>	<u>2023</u>	
KAR Capital Growth Series				
Class A .....	\$172	\$183	\$191	\$546
KAR Equity Income Series				
Class A .....	163	141	149	453
KAR Small-Cap Growth Series				
Class A .....	75	86	121	282
Class I .....	3	5	10	18
KAR Small-Cap Value Series				
Class A .....	117	181	174	472
Newfleet Multi-Sector Intermediate Bond Series				
Class A .....	—	—	1	1
Class I .....	— <sup>(1)</sup>	—	— <sup>(1)</sup>	— <sup>(1)</sup>
SGA International Growth Series				
Class A .....	1	22	42	65
Class I .....	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>	— <sup>(1)</sup>
Strategic Allocation Series				
Class A .....	42	25	18	85

<sup>(1)</sup> Amount is less than \$500.

During the period ended December 31, 2020, the Adviser recaptured expenses previously waived for the following Series:

<u>Series</u>	<u>Class A</u>	<u>Class I</u>	<u>Total</u>
Newfleet Multi-Sector Intermediate Bond Series ....	\$11	\$— <sup>(1)</sup>	\$11
Strategic Allocation Series .....	— <sup>(1)</sup>	—	— <sup>(1)</sup>

<sup>(1)</sup> Amount is less than \$500.

**E. Administrator and Distributor**

Virtus Fund Services, LLC, an indirect, wholly-owned subsidiary of Virtus, serves as the administrator to the Series.

For the fiscal year (the “period”) December 31, 2020 the Series incurred administration fees totaling \$911, which are included in the Statements of Operations within the line item “Administration and accounting fees.” The fees are calculated daily and paid monthly.

VP Distributors, LLC (“VP Distributors”), an indirect, wholly-owned subsidiary of Virtus, serves as the distributor of each Series’ shares. Each Series pays VP Distributors distribution and/or service fees under a Board-approved Rule 12b-1 plan, at the annual rate of 0.25% of the average daily net assets of such Series’ Class A shares. Class I shares are not subject to a Rule 12b-1 plan. For the period ended December 31, 2020, the Series incurred distribution fees totaling \$2,357 which are included in the Statements of Operations within the line item “Distribution and service fees.” A portion of these fees was paid to certain insurance companies for marketing and/or shareholder services provided to contract owners. The fees are calculated daily and paid monthly.

**F. Payment from Affiliate**

The KAR Capital Growth Series and the Strategic Allocation Series were reimbursed by KAR for costs incurred due to an error in the processing of a corporate action of an investment during the period ended December 31, 2020.

**G. Trustee Compensation**

The Trust provides a deferred compensation plan for its Trustees who receive compensation from the Trust. Under the deferred compensation plan, Trustees may elect to defer all or a portion of their compensation. Amounts deferred are retained by the Trust, and then, to the extent permitted by the 1940 Act, in turn, may be invested in the shares of affiliated or unaffiliated mutual funds selected by the participating Trustees. Investments in such instruments are included in “Other assets” in the Statements of Assets and Liabilities at December 31, 2020.

**Note 5. Purchases and Sales of Securities**

(\$ reported in thousands)

Purchases and sales of securities (excluding U.S. Government and agency securities, forward currency contracts, written options, and short-term securities) during the period ended December 31, 2020, were as follows:

	<u>Purchases</u>	<u>Sales</u>
Duff & Phelps Real Estate Securities Series .....	\$ 21,317	\$ 17,739
KAR Capital Growth Series .....	17,235	45,835

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

	<u>Purchases</u>	<u>Sales</u>
KAR Equity Income Series .....	\$103,147	\$115,299
KAR Small-Cap Growth Series.....	17,631	30,394
KAR Small-Cap Value Series.....	16,063	26,006
Newfleet Multi-Sector Intermediate Bond Series.....	89,960	92,882
SGA International Growth Series .....	47,981	63,373
Strategic Allocation Series.....	23,180	32,036

Purchases and sales of long-term U.S. Government and agency securities during the period ended December 31, 2020, were as follows:

	<u>Purchases</u>	<u>Sales</u>
Newfleet Multi-Sector Intermediate Bond Series.....	\$12,255	\$10,818
Strategic Allocation Series.....	2,340	2,971

**Note 6. Capital Share Transactions**

(\$ reported in thousands)

Transactions in shares of capital stock, during the periods ended as indicated below, were as follows:

	<b>Duff &amp; Phelps Real Estate Securities Series</b>				<b>KAR Capital Growth Series</b>			
	<b>Year Ended December 31, 2020</b>		<b>Year Ended December 31, 2019</b>		<b>Year Ended December 31, 2020</b>		<b>Year Ended December 31, 2019</b>	
	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>
<b>Class A</b>								
Shares sold	464	\$ 7,726	473	\$ 9,341	54	\$ 2,106	61	\$ 1,930
Reinvestment of distributions	120	2,077	464	8,680	355	16,871	269	8,813
Shares repurchased	(689)	(11,140)	(767)	(14,846)	(734)	(29,641)	(875)	(27,970)
Net Increase / (Decrease)	(105)	\$ (1,337)	170	\$ 3,175	(325)	\$ (10,664)	(545)	\$ (17,227)
<b>Class I</b>								
Shares sold	256	\$ 4,078	128	\$ 2,538	—	\$ —	—	\$ —
Reinvestment of distributions	7	124	12	224	—	—	—	—
Shares repurchased	(146)	(2,268)	(35)	(713)	—	—	—	—
Net Increase / (Decrease)	117	\$ 1,934	105	\$ 2,049	—	\$ —	—	\$ —

	<b>KAR Equity Income Series</b>				<b>KAR Small-Cap Growth Series</b>			
	<b>Year Ended December 31, 2020</b>		<b>Year Ended December 31, 2019</b>		<b>Year Ended December 31, 2020</b>		<b>Year Ended December 31, 2019</b>	
	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>	<b>SHARES</b>	<b>AMOUNT</b>
<b>Class A</b>								
Shares sold	60	\$ 751	76	\$ 903	72	\$ 2,469	61	\$ 1,905
Reinvestment of distributions	2,032	23,513	87	1,109	375	14,459	443	13,810
Shares repurchased	(926)	(11,922)	(1,069)	(12,780)	(379)	(13,198)	(430)	(14,143)
Net Increase / (Decrease)	1,166	\$ 12,342	(906)	\$ (10,768)	68	\$ 3,730	74	\$ 1,572
<b>Class I</b>								
Shares sold	—	\$ —	—	\$ —	105	\$ 3,643	84	\$ 2,760
Reinvestment of distributions	—	—	—	—	29	1,158	28	892
Shares repurchased	—	—	—	—	(83)	(2,870)	(42)	(1,367)
Net Increase / (Decrease)	—	\$ —	—	\$ —	51	\$ 1,931	70	\$ 2,285

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

	KAR Small-Cap Value Series				Newfleet Multi-Sector Intermediate Bond Series			
	Year Ended December 31, 2020		Year Ended December 31, 2019		Year Ended December 31, 2020		Year Ended December 31, 2019	
	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT
<b>Class A</b>								
Shares sold	58	\$ 866	41	\$ 607	1,501	\$ 14,183	809	\$ 7,540
Reinvestment of distributions	350	6,307	114	1,794	395	3,755	464	4,273
Shares repurchased	(640)	(10,268)	(648)	(9,675)	(2,131)	(19,573)	(1,917)	(17,722)
Net Increase / (Decrease)	(232)	\$ (3,095)	(493)	\$ (7,274)	(235)	\$ (1,635)	(644)	\$ (5,909)
<b>Class I</b>								
Shares sold	—	\$ —	—	\$ —	11	\$ 109	24	\$ 221
Reinvestment of distributions	—	—	—	—	2	18	4	37
Shares repurchased	—	—	—	—	(58)	(526)	(6)	(57)
Net Increase / (Decrease)	—	\$ —	—	\$ —	(45)	\$ (399)	22	\$ 201

	SGA International Growth Series				Strategic Allocation Series			
	Year Ended December 31, 2020		Year Ended December 31, 2019		Year Ended December 31, 2020		Year Ended December 31, 2019	
	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT
<b>Class A</b>								
Shares sold	183	\$ 2,188	233	\$ 2,616	58	\$ 879	28	\$ 355
Shares Issued-Merger	(1,446)	—	—	—	—	—	—	—
Reinvestment of distributions	151	2,098	105	1,216	213	3,637	164	2,202
Shares repurchased	—	(17,849)	(1,493)	(16,809)	(662)	(9,853)	(900)	(11,640)
Net Increase / (Decrease)	(1,112)	\$ (13,563)	(1,155)	\$ (12,977)	(391)	\$ (5,337)	(708)	\$ (9,083)
<b>Class I</b>								
Reinvestment of distributions	— <sup>(1)</sup>	\$ 2	— <sup>(1)</sup>	\$ 1	—	\$ —	—	\$ —
Net Increase / (Decrease)	— <sup>(1)</sup>	\$ 2	— <sup>(1)</sup>	\$ 1	—	\$ —	—	\$ —

<sup>(1)</sup> Amount is less than 500 shares.

**Note 7. 10% Shareholders**

As of December 31, 2020, certain Series had individual shareholder account(s) and/or omnibus shareholder account(s) (comprised of a group of individual shareholders), which individually amounted to more than 10% of the total shares outstanding of each such Series as detailed below:

	% of Shares Outstanding	Number of Accounts*
Duff & Phelps Real Estate Securities Series .....	74%	2
KAR Capital Growth Series.....	100	2
KAR Equity Income Series .....	99	2
KAR Small-Cap Growth Series.....	91	2
KAR Small-Cap Value Series.....	100	2
Newfleet Multi-Sector Intermediate Bond Series.....	98	4
SGA International Growth Series .....	98	2
Strategic Allocation Series.....	100	2

\* None of the accounts are affiliated.

**Note 8. Credit and Market Risk and Asset Concentration**

Local, regional or global events such as war, acts of terrorism, the spread of infectious illness or other public health issue, recessions, or other events could have a significant impact on a Series and its investments, including hampering the ability of the Series' portfolio manager(s) to invest the Series' assets as intended.

# VIRTUS VARIABLE INSURANCE TRUST

## NOTES TO FINANCIAL STATEMENTS (Continued)

### DECEMBER 31, 2020

The United Kingdom's Financial Conduct Authority announced a phase out of LIBOR by the end of 2021, and it is expected that LIBOR will cease to be published after that time. The Series may be exposed to financial instruments tied to LIBOR to determine payment obligations, financing terms, hedging strategies or investment value. The expected discontinuation of LIBOR could have a significant impact on the financial markets and may present a material risk for certain market participants, including the Series. Abandonment of or modifications to LIBOR could lead to significant short- and long-term uncertainty and market instability. The risks associated with this discontinuation and transition may be exacerbated if the work necessary to effect an orderly transition to an alternative reference rate is not completed in a timely manner. It remains uncertain how such changes would be implemented and the effects such changes would have on the Series, issuers of instruments in which the Series invest, and the financial markets generally.

In countries with limited or developing markets, investments may present greater risks than in more developed markets and the prices of such investments may be volatile. The consequences of political, social or economic changes in these markets may have disruptive effects on the market prices of these investments and the income they generate, as well as a Series' ability to repatriate such amounts.

High-yield/high-risk securities typically entail greater price volatility and/or principal and interest rate risk. There is a greater chance that an issuer will not be able to make principal and interest payments on time. Analysis of the creditworthiness of issuers of high-yield/high-risk securities may be complex, and as a result, it may be more difficult for the Adviser and/or subadviser to accurately predict risk.

Certain Series may invest in ETFs, which may expose the Series to the risk that the value of an ETF will be more volatile than the underlying portfolio of securities the ETF is designed to track, or that the costs to the Series of owning shares of the ETF will exceed those the Series would incur by investing in such securities directly.

Certain Series may invest a high percentage of their assets in specific sectors of the market in the pursuit of their investment objectives. Fluctuations in these sectors of concentration may have a greater impact on a Series, positive or negative, than if the Series did not concentrate its investments in such sectors.

At December 31, 2020, the following Series held securities issued by various companies in specific sectors as detailed below:

<u>Series</u>	<u>Sector</u>	<u>Percentage of Total Investments</u>
KAR Capital Growth Series.....	Information Technology	36%
KAR Small-Cap Growth Series.....	Information Technology	34
KAR Small-Cap Value Series.....	Industrials	37

#### Note 9. Indemnifications

Under the Trust's organizational documents and in separate agreements between each Trustee and the Trust, its Trustees and officers are indemnified against certain liabilities arising out of the performance of their duties to the Trust and its Series. In addition, in the normal course of business, the Trust and the Series enter into contracts that provide a variety of indemnifications to other parties. The Trust's and/or the Series' maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Trust or the Series and that have not occurred. However, neither the Trust nor the Series have had prior claims or losses pursuant to these arrangements, and they expect the risk of loss to be remote.

#### Note 10. Restricted Securities

Restricted securities are not registered under the Securities Act of 1933, as amended (the "1933 Act"). Generally, 144A securities are excluded from this category. Each Series will bear any costs, including those involved in registration under the 1933 Act, in connection with the disposition of such securities. The following Series held securities considered to be restricted at December 31, 2020:

<u>Series</u>	<u>Investment</u>	<u>Date of Acquisition</u>	<u>Cost</u>	<u>Value</u>	<u>Percentage of Net Assets</u>
KAR Capital Growth Series.....	Duck Creek Technologies, Inc.	6/5/20	\$2,427	\$6,647	2.1%
KAR Small-Cap Growth Series.....	Duck Creek Technologies, Inc.	6/5/20	2,629	7,139	5.2
Strategic Allocation Series.....	Duck Creek Technologies, Inc.	6/5/20	461	1,262	1.2

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

**Note 11. Redemption Facility**

(\$ reported in thousands)

On September 18, 2017, the Series and certain other affiliated funds entered into an \$150,000 unsecured line of credit ("Credit Agreement"). This Credit Agreement, as amended, is with a commercial bank that allows the Series to borrow cash from the bank to manage large unexpected redemptions and trade fails, up to a limit of one-third of total net assets for KAR Capital Growth Series, KAR Equity Income Series, KAR Small-Cap Growth Series, KAR Small-Cap Value Series, Newfleet Multi-Sector Intermediate Bond Series, SGA International Growth Series, and Strategic Allocation Series or one-fifth of total net assets for Duff & Phelps Real Estate Securities Series in accordance with the terms of the agreement. This Credit Agreement has a term of 364 days and has been renewed for a period up to March 11, 2021. Interest is charged at the higher of the LIBOR or the Federal Funds rate plus an additional percentage rate on the amount borrowed. Commitment fees are charged on the undrawn balance. Total commitment fees paid for the year ended December 31, 2020, are included in the "Interest expense and/or commitment fees" line on the Statements of Operations. The Series and other affiliated funds that are parties are individually, and not jointly, liable for their particular advances, if any, under the Credit Agreement. The lending bank has the ability to require repayment of outstanding borrowings under this Credit Agreement upon certain circumstances such as an event of default.

The Series had no outstanding borrowings at any time during the period ended December 31, 2020.

**Note 12. Federal Income Tax Information**

(\$ reported in thousands)

At December 31, 2020, federal tax cost and aggregate gross unrealized appreciation (depreciation) of securities held by the Series were as follows:

<u>Series</u>	<u>Federal Tax Cost</u>	<u>Unrealized Appreciation</u>	<u>Unrealized (Depreciation)</u>	<u>Net Unrealized Appreciation (Depreciation)</u>
Duff & Phelps Real Estate Securities Series .....	\$ 58,250	\$ 19,556	\$ (2,270)	\$ 17,286
KAR Capital Growth Series .....	93,836	220,481	(880)	219,601
KAR Equity Income Series .....	90,189	8,897	(1,410)	7,487
KAR Small-Cap Growth Series .....	56,144	78,115	(36)	78,079
KAR Small-Cap Value Series .....	45,872	40,515	(179)	40,336
Newfleet Multi-Sector Intermediate Bond Series .....	114,416	5,698	(2,310)	3,388
SGA International Growth Series .....	129,267	37,548	(2,178)	35,370
Strategic Allocation Series .....	61,283	44,770	(829)	43,941

Certain Series have capital loss carryovers available to offset future realized capital gains, if any, to the extent permitted by the Internal Revenue Code. Net capital losses are carried forward without expiration and generally retain their short-term and/or long-term tax character, as applicable. The Series' capital loss carryovers are as follows:

	<u>Short-Term</u>	<u>Long-Term</u>
Newfleet Multi-Sector Intermediate Bond Series .....	\$—	\$3,619

For the year ended December 31, 2020, the following Series utilized losses deferred in prior year against current year capital gains:

<u>Series</u>	
KAR Equity Income Series .....	\$6,272
Newfleet Multi-Sector Intermediate Bond Series .....	1,108
SGA International Growth Series .....	3,079

Capital losses realized after October 31 and certain late year ordinary losses may be deferred and treated as occurring on the first day of the following fiscal year. For the period ended December 31, 2020, the following Series deferred and recognized qualified late year losses as follows:

<u>Series</u>	<u>Late Year Ordinary Losses Deferred</u>	<u>Late Year Ordinary Losses Recognized</u>	<u>Capital Loss Recognized</u>
Duff & Phelps Real Estate Securities Series .....	\$—	\$—	\$ (34)
KAR Capital Growth Series .....	— <sup>(1)</sup>	—	—
SGA International Growth Series .....	—	(2)	—

<sup>(1)</sup> Amount is less than \$500.

**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

The components of distributable earnings on a tax basis (excluding unrealized appreciation (depreciation) which is disclosed in the beginning of this note) consist of the following:

	<b>Undistributed Ordinary Income</b>	<b>Undistributed Long-Term Capital Gains</b>
Duff & Phelps Real Estate Securities Series .....	\$141	\$ 325
KAR Capital Growth Series.....	—	8,534
KAR Equity Income Series .....	78	1,577
KAR Small-Cap Growth Series.....	—	4,342
KAR Small-Cap Value Series.....	116	2,285
Newfleet Multi-Sector Intermediate Bond Series....	148	—
SGA International Growth Series .....	814	1,809
Strategic Allocation Series.....	573	2,252

The differences between the book and tax basis distributable earnings relate principally to the timing of recognition of income and gains for federal income tax purposes. Short-term gain distributions if any, are reported as ordinary income for federal tax purposes. Distributions are determined on a tax basis and may differ from net investment income and realized capital gains for financial reporting purposes.

The tax character of dividends and distributions paid during the fiscal periods ended December 31, 2020 and 2019, were as follows:

	<b>Ordinary Income</b>	<b>Long-Term Capital Gains</b>	<b>Total</b>
Duff & Phelps Real Estate Securities Series .....			
12/31/20 .....	\$ 828	\$ 1,373	\$ 2,201
12/31/19 .....	1,576	7,328	8,904
KAR Capital Growth Series.....			
12/31/20 .....	—	16,871	16,871
12/31/19 .....	—	8,813	8,813
KAR Equity Income Series .....			
12/31/20 .....	1,513	22,000	23,513
12/31/19 .....	1,109	—	1,109
KAR Small-Cap Growth Series.....			
12/31/20 .....	—	15,617	15,617
12/31/19 .....	407	14,295	14,702
KAR Small-Cap Value Series.....			
12/31/20 .....	900	5,407	6,307
12/31/19 .....	716	1,078	1,794
Newfleet Multi-Sector Intermediate Bond Series.....			
12/31/20 .....	3,773	—	3,773
12/31/19 .....	4,310	—	4,310
SGA International Growth Series .....			
12/31/20 .....	—	2,100	2,100
12/31/19 .....	1,217	—	1,217
Strategic Allocation Series.....			
12/31/20 .....	1,252	2,385	3,637
12/31/19 .....	1,065	1,137	2,202



**VIRTUS VARIABLE INSURANCE TRUST**  
**NOTES TO FINANCIAL STATEMENTS (Continued)**  
**DECEMBER 31, 2020**

For financial reporting purposes, book basis capital accounts are adjusted to reflect the tax character of permanent book/tax differences. Permanent reclassifications can arise from differing treatment of certain income and gain transactions, nondeductible current year net operating losses, expiring capital loss carryovers and investments in passive foreign investment companies. The reclassifications have no impact on the net assets or NAV of the Series. As of December 31, 2020, the Series recorded reclassifications to increase (decrease) the accounts as listed below:

	<b>Capital Paid in on Shares of Beneficial Interest</b>	<b>Total Distributable Earnings (Accumulated Losses)</b>
Duff & Phelps Real Estate Securities Series .....	\$ — <sup>(1)</sup>	\$ — <sup>(1)</sup>
KAR Capital Growth Series.....	(1,234)	1,234
KAR Equity Income Series .....	(208)	208
KAR Small-Cap Growth Series.....	(696)	696
KAR Small-Cap Value Series.....	— <sup>(1)</sup>	— <sup>(1)</sup>
Newfleet Multi-Sector Intermediate Bond Series.....	— <sup>(1)</sup>	— <sup>(1)</sup>
SGA International Growth Series .....	— <sup>(1)</sup>	— <sup>(1)</sup>

<sup>(1)</sup> Amount is less than \$500.

**Note 13. Regulatory Matters and Litigation**

From time to time, the Trust, the Series, the Adviser and/or the subadvisers and/or their affiliates may be involved in litigation and arbitration as well as examinations and investigations by various regulatory bodies, including the SEC, involving compliance with, among other things, securities laws, client investment guidelines, laws governing the activities of broker-dealers and other laws and regulations affecting their activities. At this time, the Adviser believes that the outcomes of such matters are not likely, either individually or in aggregate, to be material to these financial statements.

**Note 14. Recent Accounting Pronouncement**

In March 2020, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2020-04, Reference Rate Reform (Topic 848) - Facilitation of the Effects of Reference Rate Reform on Financial Reporting. The amendments in ASU 2020-04 provides optional temporary financial reporting relief from the effect of certain types of contract modifications due to the planned discontinuation of the LIBOR and other interbank-offered based reference rates as of the end of 2021. ASU 2020-04 is effective for certain reference rate-related contract modifications that occur during the period March 12, 2020 through December 31, 2022. Management is currently evaluating the impact, if any, of applying ASU 2020-04.

**Note 15. Mixed and Shared Funding**

Shares of the Series are not directly offered to the public. Shares of the Series are currently offered through separate accounts to fund variable accumulation annuity contracts and variable universal life insurance policies issued by participating insurance companies. The interests of variable annuity contract owners and variable life policy owners could diverge based on differences in U.S. federal and state regulatory requirements, tax laws, investment management or other unanticipated developments. The Trust's Trustees do not foresee any such differences or disadvantages at this time. However, the Trust's Trustees intend to monitor for any material conflicts and will determine what action, if any, should be taken in response to such conflicts. If such a conflict should occur, one or more separate accounts may be required to withdraw its investment in the Series, or shares of another Series may be substituted.

**Note 16. Subsequent Events**

Management has evaluated the impact of all subsequent events on the Series through the date the financial statements were available for issuance, and has determined that there are no subsequent events requiring recognition or disclosure in these financial statements.



## REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Trustees of Virtus Variable Insurance Trust and Shareholders of Virtus Duff & Phelps Real Estate Securities Series, Virtus KAR Capital Growth Series, Virtus KAR Equity Income Series, Virtus KAR Small-Cap Growth Series, Virtus KAR Small-Cap Value Series, Virtus Newfleet Multi-Sector Intermediate Bond Series, Virtus SGA International Growth Series and Virtus Strategic Allocation Series

### ***Opinions on the Financial Statements***

We have audited the accompanying statements of assets and liabilities, including the schedules of investments, of Virtus Duff & Phelps Real Estate Securities Series, Virtus KAR Capital Growth Series, Virtus KAR Equity Income Series, Virtus KAR Small-Cap Growth Series, Virtus KAR Small-Cap Value Series, Virtus Newfleet Multi-Sector Intermediate Bond Series, Virtus SGA International Growth Series and Virtus Strategic Allocation Series (constituting Virtus Variable Insurance Trust, hereafter collectively referred to as the "Funds") as of December 31, 2020, the related statements of operations for the year ended December 31, 2020, the statements of changes in net assets for each of the two years in the period ended December 31, 2020, including the related notes, and the financial highlights for each of the five years in the period ended December 31, 2020 (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of each of the Funds as of December 31, 2020, the results of each of their operations for the year then ended, the changes in each of their net assets for each of the two years in the period ended December 31, 2020 and each of the financial highlights for each of the five years in the period ended December 31, 2020 in conformity with accounting principles generally accepted in the United States of America.

### ***Basis for Opinions***

These financial statements are the responsibility of the Funds' management. Our responsibility is to express an opinion on the Funds' financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Funds in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of December 31, 2020 by correspondence with the custodian, transfer agent, agent banks, and brokers; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinions.

/s/ PricewaterhouseCoopers LLP  
Philadelphia, Pennsylvania  
February 22, 2021

We have served as the Virtus Mutual Funds' auditor since at least 1977. We have not been able to determine the specific year we began serving as auditor.

**VIRTUS VARIABLE INSURANCE TRUST**  
**TAX INFORMATION NOTICE (Unaudited)**  
**DECEMBER 31, 2020**

For the fiscal year ended December 31, 2020, the Series make the following disclosures for federal income tax purposes: the percentages of ordinary income dividends earned by the Series which qualifies for the dividends received deduction ("DRD") for corporate shareholders; the actual percentage of DRD for the calendar year will be designated in year-end tax statements. The Series designate the amounts below as long-term capital gains dividends ("LTCG") taxable at a 20% rate, or lower depending on the shareholder's income (\$ reported in thousands). LTCG amounts, if subsequently different, will be designated in the next annual report.

	<u>DRD</u>	<u>LTCG</u>
Duff & Phelps Real Estate Securities Series .....	—%	\$ 826
KAR Capital Growth Series.....	—	23,534
KAR Equity Income Series .....	100.00	23,577
KAR Small-Cap Growth Series.....	—	19,983
KAR Small-Cap Value Series.....	100.00	6,672
SGA International Growth Series .....	—	3,909
Strategic Allocation Series .....	16.34	4,252

## **CONSIDERATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES (Unaudited)**

The Board of Trustees (the “Board”) of Virtus Variable Insurance Trust (the “Trust”) is responsible for determining whether to approve the establishment and continuation of the investment advisory agreement (the “Advisory Agreement”) between the Trust and Virtus Investment Advisers, Inc. (“VIA”) and of each subadvisory agreement (each, a “Subadvisory Agreement” and collectively, the “Subadvisory Agreements”) (together with the Advisory Agreement, the “Agreements”) among the Trust, VIA and Duff & Phelps Investment Management Co. (“Duff & Phelps”) with respect to Virtus Duff & Phelps Real Estate Securities Series; among the Trust, VIA and Kayne Anderson Rudnick Investment Management, LLC (“KAR”) with respect to Virtus KAR Capital Growth Series, Virtus KAR Equity Income Series, Virtus KAR Small-Cap Growth Series, Virtus KAR Small-Cap Value Series and Virtus Strategic Allocation Series (domestic equity portion and international equity portion only); among the Trust, VIA and Newfleet Asset Management, LLC (“Newfleet”) with respect to Virtus Newfleet Multi-Sector Intermediate Bond Series and Virtus Strategic Allocation Series (fixed income assets portion only); and among the Trust, VIA and Sustainable Growth Advisers LP (“SGA”) with respect to Virtus SGA International Growth Series (individually and collectively, the “Series”). At meetings held virtually on November 3, 2020 and November 16-18, 2020 (the “Meetings”), the Board, including a majority of the Trustees who are not interested persons of the Trust as defined in Section 2(a)(19) of the Investment Company Act of 1940, as amended (such Act, the “1940 Act” and such Trustees, the “Independent Trustees”), considered and approved the continuation of each Agreement due for renewal, as further discussed below. (The subadvisory agreement with KAR with respect to Virtus KAR Equity Income Series was not due for renewal since it had been approved earlier in the year.) In addition, prior to the Meetings, the Independent Trustees met with their independent legal counsel to discuss and consider the information provided by management and submitted questions to management, and they considered the responses provided.

In connection with the approval of the Agreements, the Board requested and evaluated information provided by VIA and each subadviser (each of Duff & Phelps, KAR, Newfleet and SGA, a “Subadviser” and collectively, the “Subadvisers”) which, in the Board’s view, constituted information necessary for the Board to form a judgment as to whether the renewal of each of the Agreements would be in the best interests of each applicable Series and its respective shareholders. The Board also considered information furnished throughout the year at regular Board meetings with respect to the services provided by VIA and the Subadvisers, including quarterly performance reports prepared by management containing reviews of investment results and periodic presentations from the Subadvisers with respect to the Series they manage. The Board noted the affiliation of the Subadvisers with VIA and any potential conflicts of interest.

The Board was separately advised by independent legal counsel throughout the process. For each Agreement, the Board considered all the criteria separately with respect to the applicable Series and its shareholders. In its deliberations, the Board considered various factors, including those discussed below, none of which were controlling, and each Trustee may have attributed different weights to the various factors. The Independent Trustees also discussed the proposed approval of the Agreements in private sessions with their independent legal counsel at which no representatives of management were present.

In considering whether to approve the renewal of the Agreements with respect to each Series, the Board reviewed and analyzed the factors it deemed relevant, including: (a) the nature, extent and quality of the services provided to the Series by VIA and each of the Subadvisers; (b) the performance of the Series as compared to an appropriate peer group and an appropriate index; (c) the level and method of computing each Series’ advisory and subadvisory fees, and comparisons of the Series’ advisory fee rates and total expenses with those of a group of funds with similar investment objective(s); (d) the profitability of VIA under the Advisory Agreement; (e) any “fall-out” benefits to VIA, the Subadvisers and their affiliates (i.e., ancillary benefits realized by VIA, the Subadvisers or their affiliates from VIA’s or the applicable Subadviser’s relationship with the Trust); (f) the anticipated effect of growth in size on each Series’ performance and expenses; (g) fees paid to VIA and the Subadvisers by comparable accounts, as applicable; (h) possible conflicts of interest; and (i) the terms of the Agreements.

### Nature, Extent and Quality of Services

The Trustees received in advance of the Meetings information provided by VIA and each Subadviser, including completed questionnaires concerning a number of topics, including, among other items, such company’s investment philosophy, investment process and strategies, resources and personnel, operations, compliance structure and procedures, and overall performance. The Trustees noted that the Series are managed using a “manager of managers” structure that generally involves the use of one or more subadvisers to manage some or all of a Series’ portfolio. Under this structure, VIA is responsible for the management of the Series’ investment programs and for evaluating and selecting subadvisers on an ongoing basis and making any recommendations to the Board regarding hiring, retaining or replacing subadvisers. In considering the Advisory Agreement with VIA, the Board considered VIA’s process for supervising and managing the Series’ subadvisers, including (a) VIA’s ability to select and monitor subadvisers; (b) VIA’s ability to provide the services necessary to monitor the subadvisers’ compliance with the Series’ respective investment objective(s), policies and restrictions as well as provide other oversight activities; and (c) VIA’s ability and willingness to identify instances in which a subadviser should be replaced and to carry out the required changes. The Trustees also considered: (a) the experience and capability of VIA’s management and other personnel; (b) the financial condition of VIA, and whether it had the financial wherewithal to provide a high level and quality of services to the Series; (c) the quality of VIA’s own regulatory and legal compliance policies, procedures and systems; (d) the nature, extent and quality of administrative and other services provided by VIA and its affiliates to the Series; (e) VIA’s supervision of the Series’ other service providers; and (f) VIA’s risk management processes. It was noted that affiliates of VIA serve as administrator and distributor of the Series. The Board also took into account its knowledge of VIA’s management and the quality of the performance of VIA’s duties through Board meetings, discussions and reports during the preceding year, as well as information from the Trust’s Chief Compliance Officer regarding the Series’ compliance policies and procedures established pursuant to Rule 38a-1 under the 1940 Act.

With respect to the services provided by each of the Subadvisers, the Board considered information provided to the Board by each Subadviser, including each Subadviser’s Form ADV, as well as information provided throughout the past year. With respect to the Subadvisory Agreements, the Board noted that each Subadviser provided portfolio management, compliance with the respective Series’ investment policies and procedures, compliance with applicable securities laws and assurances thereof. The Board also noted that VIA’s and each Subadviser’s management of the respective Series is subject to the oversight of the Board and must be carried out in accordance with the investment objective(s), policies and restrictions set forth in the Series’ prospectuses and statement of additional information. In considering the renewal of the Subadvisory Agreements, the Board also considered each Subadviser’s investment management process, including (a) the experience and capability of the Subadviser’s management and other personnel committed by the Subadviser to the respective Series; (b) the financial condition of the Subadviser; (c) the quality of the Subadviser’s regulatory and legal compliance policies, procedures and systems; and (d) the Subadviser’s brokerage and trading practices, including with respect to best execution and soft dollars. The Board also

## CONSIDERATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES (Unaudited) (Continued)

took into account each Subadviser's risk assessment and monitoring process. The Board noted each Subadviser's regulatory history, including whether it was currently involved in any regulatory actions or investigations as well as material litigation, and any settlements and amelioratory actions undertaken, as appropriate.

After considering all of the information provided to them, the Trustees concluded that the nature, extent and quality of the services provided by VIA and each Subadviser were satisfactory and that there was a reasonable basis on which to conclude that each would continue to provide a high quality of investment services to the applicable Series.

### Investment Performance

The Board considered performance reports and discussions at Board meetings throughout the year, as well as a report (the "Broadridge Report") for the Series prepared by Broadridge, an independent third party provider of investment company data, furnished in connection with the contract renewal process. The Broadridge Report presented each Series' performance relative to a peer group of other mutual funds (the "Performance Universe") and relevant indexes, as selected by Broadridge. The Board also considered performance information presented by management and took into account management's discussion of the same, including the effect of market conditions on each Series' performance. The Board evaluated each Series' performance in the context of the considerations that a "manager of managers" structure requires. The Board noted that it also reviews on a quarterly basis detailed information about both the Series' performance results and portfolio composition, as well as each Subadviser's investment strategy. The Board noted VIA's expertise and resources in monitoring the performance, investment style and risk-adjusted performance of each Subadviser. The Board also noted each Subadviser's performance record with respect to each applicable Series. The Board was mindful of VIA's focus on each Subadviser's performance and noted VIA's performance in monitoring and responding to any performance issues with respect to the Series. The Board also took into account its discussions with management regarding factors that contributed to the performance of each Series.

The Board considered, among other performance data, the information set forth below with respect to the performance of each Series for the period ended June 30, 2020:

*Virtus Duff & Phelps Real Estate Securities Series.* The Board noted that the Series outperformed the median of its Performance Universe and outperformed its benchmark for the 1-, 3-, 5- and 10-year periods.

*Virtus KAR Capital Growth Series.* The Board noted that the Series outperformed the median of its Performance Universe for the 1-, 3-, 5- and 10-year periods. The Board also noted that the Series outperformed its benchmark for the 1- and 3-year periods and underperformed its benchmark for the 5- and 10-year periods. The Board noted that because the Series' subadviser changed in September 2011, 10-year performance data in part reflects the performance of a prior subadviser.

*Virtus KAR Equity Income Series (fka Virtus Rampart Enhanced Core Equity Series).* The Board noted that the Series outperformed the median of its Performance Universe for the 1-year period and underperformed the median of Performance Universe for the 3-, 5- and 10-year periods. The Board also noted that the Series outperformed its benchmark for the 1- and 3-year periods and underperformed its benchmark for the 5- and 10-year periods. The Board took into account actions taken to address the Series' performance, including the replacement of the Series' subadviser in September 2020. The Board also noted that because the Series' subadviser changed in September 2020, the performance data reflects the performance of a prior subadviser.

*Virtus KAR Small-Cap Growth Series.* The Board noted that the Series outperformed the median of its Performance Universe and its benchmark for the 1-, 3-, 5- and 10-year periods.

*Virtus KAR Small-Cap Value Series.* The Board noted that the Series outperformed the median of its Performance Universe for the 1- and 5-year periods and underperformed the median of its Performance Universe for the 3- and 10-year periods. The Board also noted that the Series outperformed its benchmark for the 1-, 3-, 5- and 10-year periods. The Board noted that because the Series' subadviser changed in November 2010, 10-year performance data in part reflects the performance of a prior subadviser.

*Virtus Newfleet Multi-Sector Intermediate Bond Series.* The Board noted that the Series outperformed the median of its Performance Universe for the 1-, 5- and 10-year periods and underperformed the median of its Performance Universe for the 3- year period. The Board also noted that the Series outperformed its benchmark for the 10-year period and underperformed its benchmark for the 1-, 3- and 5-year periods.

*Virtus SGA International Growth Series.* The Board noted that the Series underperformed the median of its Performance Universe and underperformed its benchmark for the 5- and 10-year periods. The Board also noted that the Series outperformed the median of its Performance Universe and outperformed its benchmark for the 1- and 3-year periods. The Board took into account actions taken to address the Series' performance, including the replacement of the Series' subadviser in June 2019. The Board also noted that because the Series' subadviser changed in June 2019, the performance data shown other than the 1-year performance in part reflected the performance of a prior subadviser.

*Virtus Strategic Allocation Series.* The Board noted that the Series outperformed the median of its Performance Universe for the 1-, 3-, 5-, and 10-year periods. The Board also noted that the Series outperformed its benchmark for the 1- and 3-year periods and underperformed its benchmark for the 5- and 10-year periods. The Board took into account actions taken to address the Series' performance, including the replacement of one of the Series' Subadvisers in June 2019. The Board noted that because the subadviser to the Series' international equity portfolio was replaced in June 2019, the performance data shown other than the 1-year performance in part reflects the performance of that prior subadviser. The Board also noted that because another of the Series' subadvisers was replaced in September 2016, performance data prior to that date in part reflects the performance of that prior subadviser.

After reviewing these and related factors, the Board concluded that each Series' overall performance, reasons discussed for certain Series' underperformance, and/or actions taken to address certain Series' underperformance, was satisfactory.

### Management Fees and Total Expenses

The Board considered the fees charged to the Series for advisory services as well as the total expense levels of the Series. This information included comparisons of each Series' contractual and net management fee and net total expense level to those of its peer universe (the "Expense Universe") and ranked according to quintile (the first quintile being lowest and, therefore, best in these expense component rankings, and fifth being highest and, therefore,



## CONSIDERATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES (Unaudited) (Continued)

worst in these expense component rankings). In comparing each Series' net management fee to that of comparable series, the Board noted that in the materials presented by management such fee included advisory fees. The Board also noted that all of the Series had expense caps in place to limit the total expenses incurred by the Series and their shareholders, and that VIA had proposed to lower the expense caps in place for Virtus Duff & Phelps Real Estate Securities Series and Virtus SGA International Growth Series. The Board also noted that the subadvisory fees were paid by VIA out of its advisory fees rather than paid separately by the Series. In this regard, the Board took into account management's discussion with respect to the advisory/subadvisory fee structure, including the amount of the advisory fee retained by VIA after payment of the subadvisory fee. The Board also took into account the size of each of the Series and the impact on expenses and economies of scale. The Subadvisers provided, and the Board considered, fee information of comparable accounts managed by the Subadvisers, as applicable.

In addition to the foregoing, the Board considered, among other data, the information set forth below with respect to each Series' fees and expenses. In each case, the Board took into account management's discussion of the Series' expenses, including the type and size of the Series relative to the other funds in its Expense Universe.

*Virtus Duff & Phelps Real Estate Securities Series.* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses after waivers were in the fifth quintile of the Expense Universe.

*Virtus KAR Capital Growth Series.* The Board considered that the Series' net management fee was in the third quintile of the Expense Universe and net total expenses after waivers were in the fourth quintile of the Expense Universe.

*Virtus KAR Equity Income Series (fka Virtus Rampart Enhanced Core Equity Series).* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses after waivers were in the fourth quintile of the Expense Universe.

*Virtus KAR Small-Cap Growth Series.* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses after waivers were in the fourth quintile of the Expense Universe.

*Virtus KAR Small-Cap Value Series.* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses after waivers were in the third quintile of the Expense Universe.

*Virtus Newfleet Multi-Sector Intermediate Bond Series.* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses were in the fourth quintile of the Expense Universe.

*Virtus SGA International Growth Series.* The Board considered that the Series' net management fee was in the third quintile of the Expense Universe and net total expenses after waivers were in the fifth quintile of the Expense Universe.

*Virtus Strategic Allocation Series.* The Board considered that the Series' net management fee was in the second quintile of the Expense Universe and net total expenses after waivers were in the fourth quintile of the Expense Universe.

The Board concluded that the advisory and subadvisory fees for each Series, including with any proposed amendments, were fair and reasonable in light of the usual and customary charges made for services of the same nature and quality and the other factors considered. The Board also approved the proposed lower expense caps to limit the total expenses of Virtus Duff & Phelps Real Estate Securities Series and Virtus SGA International Growth Series.

### Profitability

The Board also considered certain information relating to profitability that had been provided by VIA. In this regard, the Board considered information regarding the overall profitability, as well as on a Series-by-Series basis, of VIA for its management of the Series, as well as its profits and those of its affiliates for managing and providing other services to the Trust, such as distribution and administrative services provided to the Series by VIA affiliates. In addition to the fees paid to VIA and its affiliates, including the applicable Subadvisers, the Board considered any other benefits derived by VIA or its affiliates from their relationships with the Series. The Board reviewed the methodology used to allocate costs to each Series, taking into account the fact that allocation methodologies are inherently subjective and various allocation methodologies may each be reasonable while producing different results. The Board concluded that the profitability to VIA and its affiliates from each Series was reasonable in light of the quality of the services rendered to the Series by VIA and its affiliates as well as other factors.

In considering the profitability to the Subadvisers in connection with their relationships to the Series, the Board noted that the fees under the Subadvisory Agreements are paid by VIA out of the fees that VIA receives under the Advisory Agreement, so that Series shareholders are not directly impacted by those fees. In considering the reasonableness of the fees payable by VIA to the Subadvisers, the Board noted that, because the Subadvisers are affiliates of VIA, such profitability might be directly or indirectly shared by VIA. For each of the above reasons, the Board concluded that the profitability to the Subadvisers and their affiliates from their relationships with the Series was not a material factor in approval of the Subadvisory Agreements.

### Economies of Scale

The Board received and discussed information concerning whether VIA realizes economies of scale as the Series' assets grow. The Board noted that the management fees for all of the Series included breakpoints based on assets under management, and that expense caps were also in place for all of the Series. The Board also took into account management's discussion of the Series' management fee and subadvisory fee structure. The Board also took into account the current sizes of the Series. The Board also noted that VIA had agreed to implement an extension of each Series' expense cap through April 30, 2022. The Board then concluded that no changes to the advisory fee structure of the Series with respect to economies of scale were necessary at this time. The Board noted that VIA and the Series may realize certain economies of scale if the assets of the Series were to increase, particularly in relationship to certain fixed costs, and that shareholders of the Series would have an opportunity to benefit from these economies of scale.

For similar reasons as stated above with respect to the Subadvisers' profitability, and based upon the current sizes of the Series managed by each Subadviser, the Board concluded that the potential for economies of scale in the Subadvisers' management of the Series was not a material factor in the approval of the Subadvisory Agreements at this time.

### Other Factors

## **CONSIDERATION OF ADVISORY AND SUBADVISORY AGREEMENTS BY THE BOARD OF TRUSTEES (Unaudited) (Continued)**

The Board considered other benefits that may be realized by VIA and each Subadviser and their affiliates from their relationships with the applicable Series. Among them, the Board recognized that VP Distributors, LLC, an affiliate of VIA and the Subadvisers, serves as the distributor for the Trust, and, as such, receives payments pursuant to Rule 12b-1 from the Series to compensate it for providing selling activities, which could lead to growth in the Trust's assets and corresponding benefits from such growth, including economies of scale. The Board noted that an affiliate of VIA and the Subadvisers also provides administrative services to the Trust. The Board noted management's discussion of the fact that, while the Subadvisers are affiliates of VIA, there are no other direct benefits to the Subadvisers or VIA in providing investment advisory services to the Series, other than the fee to be earned under the applicable Agreement(s). There may be certain indirect benefits gained, including to the extent that serving the Series could provide the opportunity to provide advisory services to additional portfolios of the Trust or certain reputational benefits.

### Conclusion

Based on all of the foregoing considerations, the Board, including a majority of the Independent Trustees, determined that approval of each Agreement, as amended, was in the best interests of each applicable Series and its respective shareholders. Accordingly, the Board, and the Independent Trustees voting separately, approved the Agreements, as amended, with respect to each Series.



## MANAGEMENT TABLES (Unaudited)

Information pertaining to the Trustees and officers of the Trust as of the date of issuance of this report, is set forth below. The statement of additional information (SAI) includes additional information about the Trustees and is available without charge, upon request, by calling (800) 243-4361.

The address of each individual, unless otherwise noted, is c/o Virtus Variable Insurance Trust, One Financial Plaza, Hartford, CT 06103. There is no stated term of office for Trustees or officers of the Trust.

### Independent Trustees

Name, Year of Birth, Length of Time Served and Number of Portfolios in Fund Complex Overseen by Trustee	Principal Occupation(s) During Past 5 Years	Other Directorships Held by Trustee During Past 5 Years
Burke, Donald C. YOB: 1960 Served Since: 2016 97 Portfolios	Retired.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2020), Duff & Phelps Select MLP and Midstream Energy Fund Inc. and Virtus Total Return Fund Inc.; Trustee (since 2020), Virtus Global Multi-Sector Income Fund; Trustee (since 2016), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios) and Virtus Alternative Solutions Trust (3 portfolios); Director (since 2014), closed-end funds managed by Duff & Phelps Investment Management Co. (4 funds); Director, Avista Corp. (energy company) (since 2011); Trustee, Goldman Sachs Fund Complex (2010 to 2014); and Director, BlackRock Luxembourg and Cayman Funds (2006 to 2010).
Harris, Sidney E. YOB: 1949 Served Since: 2017 93 Portfolios	Professor and Dean Emeritus (since April 2015), Professor (1997 to 2014), Dean (1997 to 2004), J. Mack Robinson College of Business, Georgia State University.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2020), Duff & Phelps Select MLP and Midstream Energy Fund Inc. and Virtus Total Return Fund Inc.; Trustee (since 2020), Virtus Global Multi-Sector Income Fund; Trustee (since 2019), Mutual Fund Directors Forum; Trustee (since 2017), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios) and Virtus Alternative Solutions Trust (3 portfolios); Trustee (2013 to 2020) and Honorary Trustee (since 2020), KIPP Metro Atlanta; Director (1999 to 2019) Total System Services, Inc.; Trustee (2004 to 2017), RidgeWorth Funds; Trustee (since 2012), International University of the Grand Bassam Foundation; and Trustee (2011 to 2015), Genspring Family Offices, LLC.
Mallin, John R. YOB: 1950 Served Since: 1999 93 Portfolios	Partner/Attorney (since 2003), McCarter & English LLP (law firm), Real Property Practice Group; Member (since 2014), Counselors of Real Estate.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2020), Duff & Phelps Select MLP and Midstream Energy Fund Inc. and Virtus Total Return Fund Inc.; Trustee (since 2020), Virtus Global Multi-Sector Income Fund; Trustee (since 2016), Virtus Mutual Fund Family (54 portfolios) and Virtus Alternative Solutions Trust (3 portfolios); Director (since 2019), 1892 Club, Inc. (non-profit); Director (2013 to 2020), Horizons, Inc. (non-profit); and Trustee (since 1999), Virtus Variable Insurance Trust (8 portfolios).
McDaniel, Connie D. YOB: 1958 Served Since: 2017 93 Portfolios	Retired (since 2013). Vice President, Chief of Internal Audit, Corporate Audit Department (2009 to 2013), Vice President Global Finance Transformation (2007 to 2009), Vice President and Controller (1999 to 2007), The Coca-Cola Company.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2020), Duff & Phelps Select MLP and Midstream Energy Fund Inc. and Virtus Total Return Fund Inc.; Trustee (since 2020), Virtus Global Multi-Sector Income Fund; Director (since 2019), Global Payments Inc.; Trustee (since 2017), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios) and Virtus Alternative Solutions Trust (3 portfolios); Director (since 2021), North Florida Land Trust; Member (since 2011) and Chair (2014 to 2016), Georgia State University, Robinson College of Business Board of Advisors; Director (2014 to 2019), Total System Services, Inc.; and Trustee (2005 to 2017), RidgeWorth Funds.
McLoughlin, Philip YOB: 1946 Served Since: 2003 103 Portfolios	Retired.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Trustee (since 2021), Virtus AllianzGI AI & Tech Opportunities Fund, Virtus AllianzGI Convertible & Income Fund II, Virtus AllianzGI Diversified Income & Convertible, Virtus AllianzGI Equity & Convertible Income Fund and Virtus Dividend, Interest & Premium Strategy Fund; Advisory Board Member (since 2021), Virtus AllianzGI Convertible & Income 2024 Target Term Fund and Virtus AllianzGI Convertible & Income Fund; Director and Chairman (since 2016), Virtus Total Return Fund Inc.; Director and Chairman (2016 to 2019), the former Virtus Total Return Fund Inc.; Director and Chairman (since 2014) Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Trustee and Chairman (since 2013), Virtus Alternative Solutions Trust (3 portfolios); Trustee and Chairman (since 2011), Virtus Global Multi-Sector Income Fund; Chairman and Trustee (since 2003), Virtus Variable Insurance Trust (8 portfolios); Director (since 1995), closed-end funds managed by Duff & Phelps Investment Management Co. (4 funds); Director (1991 to 2019) and Chairman (2010 to 2019), Lazard World Trust Fund (closed-end investment firm in Luxembourg); and Trustee (since 1989) and Chairman (since 2002), Virtus Mutual Fund Family (54 portfolios).

## MANAGEMENT TABLES (Unaudited) (Continued)

### Independent Trustees (continued)

Name, Year of Birth, Length of Time Served and Number of Portfolios in Fund Complex Overseen by Trustee	Principal Occupation(s) During Past 5 Years	Other Directorships Held by Trustee During Past 5 Years
McNamara, Geraldine M. YOB: 1951 Served Since: 2015 97 Portfolios	Retired.	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2020), Duff & Phelps Select MLP and Midstream Energy Fund Inc. and Virtus Total Return Fund Inc.; Trustee (since 2020), Virtus Global Multi-Sector Income Fund; Trustee (since 2016), Virtus Alternative Solutions Trust (3 portfolios); Trustee (since 2015), Virtus Variable Insurance Trust (8 portfolios); Director (since 2003), closed-end funds managed by Duff & Phelps Investment Management Co. (4 funds); and Trustee (since 2001), Virtus Mutual Fund Family (54 portfolios).
Oates, James M. YOB: 1946 Served Since: 2016 93 Portfolios	Managing Director (since 1994), Wydown Group (consulting firm).	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Director (since 2016), Virtus Total Return Fund Inc.; Director (2016 to 2019), the former Virtus Total Return Fund Inc.; Trustee (since 2016), Virtus Variable Insurance Trust (8 portfolios); Director (since 2014), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Trustee (since 2013), Virtus Alternative Solutions Trust (3 portfolios); Trustee (since 2013), Virtus Global Multi-Sector Income Fund; Trustee (since 2005) and Chairman (2005 to 2017), John Hancock Fund Complex (227 portfolios); Director (2002 to 2014), New Hampshire Trust Company; Chairman (2000 to 2016), Emerson Investment Management, Inc.; Non-Executive Chairman (2000 to 2014), Hudson Castle Group, Inc. (formerly IBEX Capital Markets, Inc.) (financial services); Chairman and Director (1999 to 2014), Connecticut River Bank; Director (since 1996), Stifel Financial; and Trustee (since 1987), Virtus Mutual Fund Family (54 portfolios).
Walton, R. Keith YOB: 1964 Served Since: 2020 93 Portfolios	Managing Director (since 2020), Lafayette Square Holding Company LLC; Venture and Operating Partner (since 2020), Plexo Capital, LLC; Venture Partner (since 2019) and Senior Adviser (2018 to 2019), Plexo, LLC; Senior Adviser (2018 to 2019), Vatic Labs, LLC; Executive Vice President, Strategy (2017 to 2019), Zero Mass Water, LLC; Vice President, Strategy (2013 to 2017), Arizona State University; Partner (since 2006), Global Infrastructure Partners	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Trustee (since 2020) Virtus Alternative Solutions Trust (3 portfolios), Virtus Variable Insurance Trust (8 portfolios) and Virtus Mutual Fund Family (54 portfolios); Director (since 2017), certain funds advised by Bessemer Investment Management LLC; Director (since 2016), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Trustee (since 2016), Virtus Global Multi-Sector Income Fund; Director (2006 to 2019), Systematica Investments Limited Funds; Director (2006 to 2017), BlueCrest Capital Management Funds; Trustee (2014 to 2017), AZ Service; Director (since 2004), Virtus Total Return Fund Inc.; and Director (2004 to 2019), the former Virtus Total Return Fund Inc.
Zino, Brian T. YOB: 1952 Served Since: 2020 93 Portfolios	Retired. Various roles (1982 to 2008), J. & W. Seligman & Co. Incorporated, including President (1994 to 2008).	Trustee (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Advisory Board Member (since 2021), Virtus AllianzGI AI & Tech Opportunities Fund, Virtus AllianzGI Convertible & Income Fund, Virtus AllianzGI Convertible & Income Fund II, Virtus AllianzGI Convertible & Income 2024 Target Term Fund, Virtus AllianzGI Diversified Income & Convertible, Virtus AllianzGI Equity & Convertible Income Fund and Virtus Dividend, Interest & Premium Strategy Fund; Trustee (since 2020) Virtus Alternative Solutions Trust (3 portfolios), Virtus Variable Insurance Trust (8 portfolios) and Virtus Mutual Fund Family (54 portfolios); Director (since 2016), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Trustee (since 2016), Virtus Global Multi-Sector Income Fund; Director (since 2014), Virtus Total Return Fund Inc.; Director (2014 to 2019), the former Virtus Total Return Fund Inc.; Trustee (since 2011), Bentley University; Director (1986 to 2008) and President (1994 to 2008), J&W Seligman Co. Inc.; Director (1998 to 2009), Chairman (2002 to 2004) and Vice Chairman (2000 to 2002), ICI Mutual Insurance Company; Member, Board of Governors of ICI (1998 to 2008).

## MANAGEMENT TABLES (Unaudited) (Continued)

### Interested Trustee

Name, Year of Birth, Length of Time Served and Number of Funds Overseen	Principal Occupation(s) During Past 5 Years	Principal Occupation(s) During Past 5 Years and Other Directorships Held by Trustee
Aylward, George R.* Trustee and President YOB: 1964 Served Since: 2012 102 Portfolios	Director, President and Chief Executive Officer (since 2008), Virtus Investment Partners, Inc. and/or certain of its subsidiaries, and various senior officer positions with Virtus affiliates (since 2005).	Trustee and President (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Trustee, President and Chief Executive Officer (since 2021), Virtus AllianzGI AI & Tech Opportunities Fund, Virtus AllianzGI Convertible & Income 2024 Target Term Fund, Virtus AllianzGI Convertible & Income Fund, Virtus AllianzGI Convertible & Income Fund II, Virtus AllianzGI Diversified Income & Convertible, Virtus AllianzGI Equity & Convertible Income Fund and Virtus Dividend, Interest & Premium Strategy Fund; Chairman and Trustee (since 2015), Virtus ETF Trust II (3 portfolios); Director, President and Chief Executive Officer (since 2014), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Trustee and President (since 2013), Virtus Alternative Solutions Trust (3 portfolios); Director (since 2013), Virtus Global Funds, PLC (5 portfolios); Trustee (since 2012) and President (since 2010), Virtus Variable Insurance Trust (8 portfolios); Trustee, President and Chief Executive Officer (since 2011), Virtus Global Multi-Sector Income Fund; Trustee and President (since 2006) and Executive Vice President (2004 to 2006), Virtus Mutual Fund Family (54 portfolios); Director, President and Chief Executive Officer (since 2006), Virtus Total Return Fund Inc.; and Director, President and Chief Executive Officer (2006 to 2019), the former Virtus Total Return Fund Inc.

\*Mr. Aylward is an “interested person,” as defined in the 1940 Act, by reason of his position as President and Chief Executive Officer of Virtus Investment Partners, Inc. (“Virtus”), the ultimate parent company of the Adviser, and various positions with its affiliates, including the Adviser.

### Advisory Board Members

Name, Year of Birth, Length of Time Served, and Number of Portfolios in Fund Complex Overseen	Principal Occupation(s) During Past 5 Years	Other Directorships Held During Past 5 Years
Cogan, Sarah E. YOB: 1956 Served Since: 2021 93 Portfolios	Retired Partner, Simpson Thacher & Bartlett LLP (“STB”) (law firm) (since 2018); Director, Girl Scouts of Greater New York (since 2016); Trustee, Natural Resources Defense Council, Inc. (since 2013); and formerly, Partner, STB (1989 to 2018).	Advisory Board Member (since 2021), Virtus Alternative Solutions Trust (3 portfolios), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Total Return Fund Inc. and Virtus Global Multi-Sector Income Fund; Trustee (since 2019), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Trustee (since 2019), PIMCO California Municipal Income Fund, PIMCO California Municipal Income Fund II, PIMCO California Municipal Income Fund III, PIMCO Municipal Income Fund, PIMCO Municipal Income Fund II, PIMCO Municipal Income Fund III, PIMCO New York Municipal Income Fund, PIMCO New York Municipal Income Fund II, PIMCO New York Municipal Income Fund III, PIMCO Energy and Tactical Credit Opportunities Fund, PCM Fund, Inc, PIMCO Corporate & Income Strategy Fund, PIMCO Corporate & Income Opportunity Fund, PIMCO Dynamic Credit and Mortgage Income Fund, PIMCO Dynamic Income Fund, PIMCO Global StocksPLUS® & Income Fund, PIMCO High Income Fund, PIMCO Income Opportunity Fund, PIMCO Income Strategy Fund, PIMCO Income Strategy Fund II, PIMCO Strategic Income Fund, Inc., PIMCO Flexible Credit Income Fund and PIMCO Flexible Municipal Income Fund; and Trustee (since 2019), PIMCO Managed Accounts Trust (5 portfolios).

## MANAGEMENT TABLES (Unaudited) (Continued)

### Advisory Board Members (continued)

Name, Year of Birth, Length of Time Served, and Number of Portfolios in Fund Complex Overseen	Principal Occupation(s) During Past 5 Years	Other Directorships Held During Past 5 Years
DeCotis, Deborah A. YOB: 1952 Served Since: 2021 93 Portfolios	Advisory Director, Morgan Stanley & Co., Inc. (since 1996); Member, Circle Financial Group (since 2009); Member, Council on Foreign Relations (since 2013); Trustee, Smith College (since 2017); and Director, Watford Re (since 2017). Formerly, Co-Chair Special Projects Committee, Memorial Sloan Kettering (2005 to 2015); Trustee, Stanford University (2010 to 2015); and Principal, LaLoop LLC, a retail accessories company (1999 to 2014).	Advisory Board Member (since 2021), Virtus Alternative Solutions Trust (3 portfolios), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Total Return Fund Inc. and Virtus Global Multi-Sector Income Fund; Trustee (since 2014), Virtus Investment Trust (13 portfolios); Trustee (since 2011), Virtus Strategy Trust (12 portfolios); Trustee (since 2011), PIMCO California Municipal Income Fund II, PIMCO California Municipal Income Fund III, PIMCO Municipal Income Fund, PIMCO Municipal Income Fund II, PIMCO Municipal Income Fund III, PIMCO New York Municipal Income Fund, PIMCO New York Municipal Income Fund II, PIMCO New York Municipal Income Fund III, PCM Fund, Inc., PIMCO Corporate & Income Strategy Fund, PIMCO Corporate & Income Opportunity Fund, PIMCO Global StocksPLUS® & Income Fund, PIMCO High Income Fund, PIMCO Income Opportunity Fund, PIMCO Income Strategy Fund, PIMCO Income Strategy Fund II, PIMCO Strategic Income Fund, Inc. and PIMCO Managed Accounts Trust (5 portfolios); Trustee (since 2019), PIMCO Energy and Tactical Credit Opportunities Fund; Trustee (since 2013), PIMCO Dynamic Credit and Mortgage Income Fund; Trustee (since 2012), PIMCO Dynamic Income Fund; Trustee (since 2020), PIMCO Dynamic Income Opportunities Fund; Trustee (since 2017), PIMCO Flexible Credit Income Fund; and Trustee (since 2018), PIMCO Flexible Municipal Income Fund.
Drummond, F. Ford YOB: 1962 Served Since: 2021 93 Portfolios	Owner/Operator (since 1998), Drummond Ranch; formerly Board Member (2006 to 2020) and Chairman (2016 to 2018), Oklahoma Water Resources Board; Director (1998 to 2008), The Cleveland Bank; and General Counsel (1998 to 2008), BMIHealth Plans (benefits administration).	Advisory Board Member (since 2021), Virtus Alternative Solutions Trust (3 portfolios), Virtus Mutual Fund Family (54 portfolios), Virtus Variable Insurance Trust (8 portfolios), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Total Return Fund Inc. and Virtus Global Multi-Sector Income Fund; Trustee (since 2006), Virtus Investment Trust (13 portfolios); Trustee (since 2014), Virtus Strategy Trust (12 portfolios); and Director (since 2011), Bancfirst Corporation.
Moyer, William R. YOB: 1944 Served Since: 2020 93 Portfolios	Private investor (since 2004); Financial and Operations Principal (2006 to 2017), Newcastle Distributors LLC (broker dealer).	Advisory Board Member (since 2021), Virtus Investment Trust (13 portfolios) and Virtus Strategy Trust (12 portfolios); Advisory Board Member (since 2020), Virtus Variable Insurance Trust (8 portfolios) and Virtus Mutual Fund Family (54 portfolios); Advisory Board Member (since 2020) and Director (2016 to 2019), Virtus Total Return Fund Inc.; Director (2016 to 2019), the former Virtus Total Return Fund Inc.; Advisory Board Member (since 2020) and Director (2014 to 2019), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Advisory Board Member (since 2020) and Trustee (2011 to 2019), Virtus Global Multi-Sector Income Fund; Advisory Board Member (since 2020) and Trustee (2013 to 2016), Virtus Alternative Solutions Trust (3 portfolios).

### Officers of the Trust Who Are Not Trustees

Name, Address and Year of Birth	Position(s) Held with Trust and Length of Time Served	Principal Occupation(s) During Past 5 Years
Batchelar, Peter J. YOB: 1970	Senior Vice President (since 2017), and Vice President (2008 to 2016).	Senior Vice President, Product Development (since 2017), Vice President, Product Development (2008 to 2016), and various officer positions (since 2008), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Senior Vice President (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Senior Vice President (since 2021), AllianzGI Closed-End Funds; Senior Vice President (since 2017) and Vice President (2008 to 2016), Virtus Mutual Fund Family; Senior Vice President (since 2017) and Vice President (2010 to 2016), Virtus Variable Insurance Trust; Senior Vice President (since 2017) and Vice President (2013 to 2016), Virtus Alternative Solutions Trust; Senior Vice President (since 2017) and Vice President (2016 to 2017), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Total Return Fund Inc. and Virtus Global Multi-Sector Income Fund; and Senior Vice President (2017 to 2019) and Vice President (2016 to 2017), the former Virtus Total Return Fund Inc.

## MANAGEMENT TABLES (Unaudited) (Continued)

### Officers of the Trust Who Are Not Trustees (continued)

Name, Address and Year of Birth	Position(s) Held with Trust and Length of Time Served	Principal Occupation(s) During Past 5 Years
Bradley, W. Patrick YOB: 1972	Executive Vice President (since 2016); Senior Vice President (2013 to 2016); Vice President (2011 to 2013); Chief Financial Officer and Treasurer (since 2004).	Executive Vice President, Fund Services (since 2016), Senior Vice President, Fund Services (2010 to 2016), and various officer positions (since 2006), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Executive Vice President, Chief Financial Officer and Treasurer (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Executive Vice President, Chief Financial Officer and Treasurer (since 2021), AllianzGI Closed-End Funds; Director (since 2019), Virtus Global Funds ICAV; Executive Vice President (since 2016), Senior Vice President (2013 to 2016), Vice President (2011 to 2013), Chief Financial Officer and Treasurer (since 2004), Virtus Variable Insurance Trust; Executive Vice President (since 2016), Senior Vice President (2013 to 2016), Vice President (2011 to 2013), Chief Financial Officer and Treasurer (since 2006), Virtus Mutual Fund Family; Executive Vice President (since 2016), Senior Vice President (2013 to 2016), Vice President (2012 to 2013) and Chief Financial Officer and Treasurer (since 2010), Virtus Total Return Fund Inc.; Executive Vice President (2016 to 2019), Senior Vice President (2013 to 2016), Vice President (2012 to 2013), Chief Financial Officer and Treasurer (since 2010), the former Virtus Total Return Fund Inc.; Executive Vice President (since 2016), Senior Vice President (2013 to 2016), Vice President (2011 to 2013), Chief Financial Officer and Treasurer (since 2011), Virtus Global Multi-Sector Income Fund; Executive Vice President (since 2016), Senior Vice President (2014 to 2016), Chief Financial Officer and Treasurer (since 2014), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Executive Vice President (since 2016), Senior Vice President (2013 to 2016), and Chief Financial Officer and Treasurer (since 2013), Virtus Alternative Solutions Trust; Director (since 2013), Virtus Global Funds, PLC; and Vice President and Assistant Treasurer (since 2011), Duff & Phelps Utility and Infrastructure Fund Inc.
Carr, Kevin J. YOB: 1954	Senior Vice President (since 2017), Assistant Secretary (since 2013), Vice President, Chief Legal Officer, Counsel and Secretary (2010 to 2013).	Vice President and Senior Counsel (2017 to Present), Senior Vice President (2009 to 2017), Vice President, Counsel and Secretary (2008 to 2009), and various officer positions (since 2005), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Senior Vice President and Assistant Secretary (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Assistant Secretary, (since 2021), AllianzGI Closed-End Funds; Senior Vice President (since 2013), Vice President (2005 to 2013), Chief Legal Officer, Counsel and Secretary (since 2005), Virtus Mutual Fund Family; Senior Vice President (2013 to 2014), Vice President (2012 to 2013), Secretary and Chief Legal Officer (2005 to 2013), and Assistant Secretary (2013 to 2014 and since 2017), Virtus Total Return Fund Inc.; Senior Vice President (2013 to 2014), Vice President (2012 to 2013), Secretary and Chief Legal Officer (2005 to 2013) and Assistant Secretary (2013 to 2014 and 2017 to 2019), the former Virtus Total Return Fund Inc.; Senior Vice President (since 2017), Assistant Secretary (since 2013), Vice President, Chief Legal Officer, Counsel and Secretary (2010 to 2013), Virtus Variable Insurance Trust; Senior Vice President (2013 to 2014), Vice President (2011 to 2013), and Assistant Secretary (since 2011), Virtus Global Multi-Sector Income Fund; Assistant Secretary (since 2015), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Senior Vice President (since 2017) and Assistant Secretary (since 2013), Virtus Alternative Solutions Trust; Secretary (since 2015), ETFis Series Trust I; and Secretary (since 2015), Virtus ETF Trust II.



## MANAGEMENT TABLES (Unaudited) (Continued)

### Officers of the Trust Who Are Not Trustees (continued)

Name, Address and Year of Birth	Position(s) Held with Trust and Length of Time Served	Principal Occupation(s) During Past 5 Years
Engberg, Nancy J. YOB: 1956	Senior Vice President (since 2017); Vice President (2011 to 2017); and Chief Compliance Officer (since 2011).	Senior Vice President (since 2017), Vice President (2008 to 2017) and Chief Compliance Officer (2008 to 2011 and since 2016), and various officer positions (since 2003), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Senior Vice President and Chief Compliance Officer (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Senior Vice President and Chief Compliance Officer, (since 2021), AllianzGI Closed-End Funds; Senior Vice President (since 2017), Vice President (2011 to 2017) and Chief Compliance Officer (since 2011), Virtus Mutual Fund Family; Senior Vice President (since 2017), Vice President (2010 to 2017) and Chief Compliance Officer (since 2011), Virtus Variable Insurance Trust; Senior Vice President (since 2017), Vice President (2011 to 2017) and Chief Compliance Officer (since 2011), Virtus Global Multi-Sector Income Fund; Senior Vice President (since 2017), Vice President (2012 to 2017) and Chief Compliance Officer (since 2012), Virtus Total Return Fund Inc.; Senior Vice President (2017 to 2019), Vice President (2012 to 2017) and Chief Compliance Officer (since 2012), the former Virtus Total Return Fund Inc.; Senior Vice President (since 2017), Vice President (2013 to 2016) and Chief Compliance Officer (since 2013), Virtus Alternative Solutions Trust; Senior Vice President (since 2017), Vice President (2014 to 2017) and Chief Compliance Officer (since 2014), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Chief Compliance Officer (since 2015), ETFis Series Trust I; and Chief Compliance Officer (since 2015), Virtus ETF Trust II.
Fromm, Jennifer YOB: 1973	Vice President, Chief Legal Officer, Counsel and Secretary (since 2013).	Vice President (since 2016) and Senior Counsel (since 2007), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Vice President, Chief Legal Officer, Counsel and Secretary (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Vice President and Assistant Secretary (since 2021), AllianzGI Closed-End Funds; Vice President and Secretary (since 2020), DNP Select Income Fund Inc., Duff & Phelps Utility and Infrastructure Fund Inc., and DTF Tax-Free Income Inc.; Assistant Secretary (since 2020), Duff & Phelps Utility and Corporate Bond Trust Inc.; Vice President, Chief Legal Officer and Secretary (since 2019), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Total Return Fund Inc. and Virtus Global Multi-Sector Income Fund; Vice President (since 2017) and Assistant Secretary (since 2008), Virtus Mutual Funds Family; Vice President, Chief Legal Officer, Counsel and Secretary (since 2013), Virtus Variable Insurance Trust; and Vice President, Chief Legal Officer, and Secretary (since 2013), Virtus Alternative Solutions Trust.
Short, Julia R. YOB: 1972	Senior Vice President (since 2017).	Senior Vice President, Product Development (since 2017), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Senior Vice President (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Senior Vice President (since 2021), AllianzGI Closed-End Funds; Senior Vice President (since 2018), Duff & Phelps Select MLP and Midstream Energy Fund Inc., Virtus Global Multi-Sector Income Fund and Virtus Total Return Fund Inc.; Senior Vice President (2018 to 2019), the former Virtus Total Return Fund Inc.; Senior Vice President (since 2017), Virtus Mutual Fund Family; President and Chief Executive Officer, RidgeWorth Funds (2007 to 2017); and Managing Director, Product Manager, RidgeWorth Investments (2004 to 2017).
Waltman, Francis G. YOB: 1962	Executive Vice President (since 2013); Senior Vice President (2010 to 2013).	Executive Vice President, Product Management (since 2009), and various senior officer positions (since 2006), Virtus Investment Partners, Inc. and/or certain of its subsidiaries; Executive Vice President (since 2021), Virtus Investment Trust and Virtus Strategy Trust; Executive Vice President (since 2021), AllianzGI Closed-End Funds; Director (since 2019), Virtus Global Funds ICAV; Executive Vice President (since 2017), Virtus Total Return Fund Inc.; Executive Vice President (2017 to 2019), the former Virtus Total Return Fund Inc.; Executive Vice President (since 2014), Duff & Phelps Select MLP and Midstream Energy Fund Inc.; Executive Vice President (since 2013), Senior Vice President (2008 to 2013), Virtus Mutual Fund Family; Executive Vice President (since 2013), Senior Vice President (2010 to 2013), Virtus Variable Insurance Trust; Executive Vice President (since 2013), Senior Vice President (2011 to 2013), Virtus Global Multi-Sector Income Fund; Director (since 2013), Virtus Global Funds PLC; and Executive Vice President (since 2013), Virtus Alternative Solutions Trust.

**Virtus Duff & Phelps Real Estate Securities Series (the “Series”),  
a series of Virtus Variable Insurance Trust  
(Unaudited)**

Supplement dated November 20, 2020, to the Summary Prospectuses  
and Statutory Prospectus, each dated April 30, 2020

**IMPORTANT NOTICE TO INVESTORS**

Effective December 1, 2020, the Series’ investment adviser, Virtus Investment Advisers, Inc., will implement a new expense limitation arrangement to further limit the Series’ expenses. These changes are described in more detail below.

Under “Fees and Expenses” in the Series’ summary prospectuses and the summary section of the Series’ statutory prospectus, the information in the “Annual Series Operating Expenses” tables and associated footnotes will be replaced with the following, as applicable:

Annual Series Operating Expenses ( <i>expenses that you pay each year as a percentage of the value of your investment</i> )	Class A	Class I
Management Fees	0.75%	0.75%
Distribution and Shareholder Servicing (12b-1) Fees	0.25%	None
Other Expenses	0.20%	0.20%
Total Annual Series Operating Expenses	1.20%	0.95%
Less: Expense Reimbursement <sup>(a)</sup>	(0.10%)	(0.10%)
Total Annual Series Operating Expenses After Expense Reimbursement <sup>(a)</sup>	1.10%	0.85%

(a) The Series’ investment adviser has contractually agreed to limit the Series’ total operating expenses (excluding certain expenses, such as front-end or contingent deferred sales charges, taxes, leverage and borrowing expenses (such as commitment, amendment and renewal expenses on credit or redemption facilities), interest, brokerage commissions, expenses incurred in connection with any merger or reorganization, unusual or infrequently occurring expenses (such as litigation), acquired fund fees and expenses, and dividend expenses, if any) so that such expenses do not exceed 1.10% for Class A Shares and 0.85% for Class I Shares through April 30, 2022. Following the contractual period, the Series’ investment adviser may discontinue these expense reimbursement arrangements at any time. Under certain conditions, the Series’ investment adviser may recapture operating expenses reimbursed and/or fees waived under these arrangements for a period of three years following the date such waiver or reimbursement occurred, provided that the recapture does not cause the Series to exceed its expense limit in effect at the time of the waiver or reimbursement, or at the time of recapture.

Under “Fees and Expenses,” the information in the “Example” table will be replaced with the following, as applicable:

	<b>1 Year</b>	<b>3 Years</b>	<b>5 Years</b>	<b>10 Years</b>
Class A	\$112	\$371	\$650	\$1,446
Class I	\$87	\$293	\$516	\$1,157

In the section “Management of the Series” under the heading “The Adviser” beginning on page 7 of the statutory prospectus, the second paragraph under the table will be replaced with the following:

The Trust has entered into an expense limitation agreement with VIA whereby VIA has agreed to reimburse the Series for expenses necessary or appropriate for the operation of the Series (excluding certain expenses, such as front-end or contingent deferred sales charges, taxes, leverage and borrowing expenses (such as commitment, amendment and renewal expenses on credit or redemption facilities), interest, brokerage commissions, expenses incurred in connection with any merger or reorganization, unusual or infrequently occurring expenses (such as litigation), acquired fund fees and expenses, and dividend expenses, if any) to the extent that such expenses exceed 1.10% of the Series’ Class A Shares and 0.85% of the Series’ Class I Shares average net assets. This expense limitation agreement is in place through April 30, 2022. After April 30, 2022, VIA may discontinue this expense reimbursement arrangement at any time. Under certain conditions, VIA may recapture operating expenses reimbursed and/or fees waived under these arrangements for a period of three years following the date such waiver



or reimbursement occurred, provided that the recapture does not cause the Series to exceed its expense limit in effect at the time of the waiver or reimbursement, or at the time of recapture.

**Investors should retain this supplement with the Prospectuses for future reference.**

VVIT 8500 DPRESNewExpCaps (11/20)

**Virtus SGA International Growth Series (the “Series”),  
a series of Virtus Variable Insurance Trust  
(Unaudited)**

Supplement dated November 20, 2020, to the Summary Prospectuses  
and Statutory Prospectus, each dated April 30, 2020

**IMPORTANT NOTICE TO INVESTORS**

Effective December 1, 2020, the Series’ investment adviser, Virtus Investment Advisers, Inc., will implement a new expense limitation arrangement to further limit the Series’ expenses. These changes are described in more detail below.

Under “Fees and Expenses” in the Series’ summary prospectuses and the summary section of the Series’ statutory prospectus, the information in the “Annual Series Operating Expenses” tables and associated footnotes will be replaced with the following, as applicable:

Annual Series Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)	Class A	Class I
Management Fees	0.75%	0.75%
Distribution and Shareholder Servicing (12b-1) Fees	0.25%	None
Other Expenses	0.18%	0.18%
Total Annual Series Operating Expenses	1.18%	0.93%
Less: Expense Reimbursement <sup>(a)</sup>	(0.04%)	(0.04%)
Total Annual Series Operating Expenses After Expense Reimbursement <sup>(a)</sup>	1.14%	0.89%

(a) The Series’ investment adviser has contractually agreed to limit the Series’ total operating expenses (excluding certain expenses, such as front-end or contingent deferred sales charges, taxes, leverage and borrowing expenses (such as commitment, amendment and renewal expenses on credit or redemption facilities), interest, brokerage commissions, expenses incurred in connection with any merger or reorganization, unusual or infrequently occurring expenses (such as litigation), acquired fund fees and expenses, and dividend expenses, if any) so that such expenses do not exceed 1.14% for Class A Shares and 0.89% for Class I Shares through April 30, 2022. Following the contractual period, the Series’ investment adviser may discontinue these expense reimbursement arrangements at any time. Under certain conditions, the Series’ investment adviser may recapture operating expenses reimbursed and/or fees waived under these arrangements for a period of three years following the date such waiver or reimbursement occurred, provided that the recapture does not cause the Series to exceed its expense limit in effect at the time of the waiver or reimbursement, or at the time of recapture.

Under “Fees and Expenses,” the information in the “Example” table will be replaced with the following, as applicable:

	1 Year	3 Years	5 Years	10 Years
Class A	\$116	\$371	\$645	\$1,428
Class I	\$91	\$292	\$511	\$1,139

In the section “Management of the Series” under the heading “The Adviser” beginning on page 8 of the statutory prospectus, the second paragraph under the table will be replaced with the following:

The Trust has entered into an expense limitation agreement with VIA whereby VIA has agreed to reimburse the Series for expenses necessary or appropriate for the operation of the Series (excluding certain expenses, such as front-end or contingent deferred sales charges, taxes, leverage and borrowing expenses (such as commitment, amendment and renewal expenses on credit or redemption facilities), interest, brokerage commissions, expenses incurred in connection with any merger or reorganization, unusual or infrequently occurring expenses (such as litigation), acquired fund fees and expenses, and dividend expenses, if any) to the extent that such expenses exceed 1.14% of the Series’ Class A Shares and 0.89% of the Series Class I Shares average net assets. This expense limitation agreement is in place through April 30, 2022. After April 30, 2022, VIA may discontinue this

expense reimbursement arrangement at any time. Under certain conditions, VIA may recapture operating expenses reimbursed and/or fees waived under these arrangements for a period of three years following the date such waiver or reimbursement occurred, provided that the recapture does not cause the Series to exceed its expense limit in effect at the time of the waiver or reimbursement, or at the time of recapture.

**Investors should retain this supplement with the Prospectuses for future reference.**

VVIT 8500 SGAS Int'l Gr New Exp Caps (11/20)

**Virtus KAR Equity Income Series,  
a series of Virtus Variable Insurance Trust**

Supplement dated February 1, 2021 to the Summary Prospectus  
and the Statutory Prospectus, each dated August 31, 2020

**IMPORTANT NOTICE TO INVESTORS**

In the section “Principal Investment Strategies” in the Series’ summary prospectus and in the summary section of the Series’ statutory prospectus, the following is added after the first sentence:

“The Series may invest in issuers of securities that are traded on a non-U.S. exchange if the Series’ subadviser considers the issuer a U.S. company, including through depositary receipts.”

In the section “Principal Risks” in the Series’ summary prospectus and in the summary section of the Series’ statutory prospectus, the following disclosure is added:

> **Depositary Receipts Risk.** Investments in foreign companies through depositary receipts may expose the Series to the same risks as direct investments in securities of foreign issuers.

Under “More About Principal Investment Strategies” on page 4 of the Series’ statutory prospectus, the following is added after the first sentence:

“Such companies may include issuers of securities that are traded on a non-U.S. exchange if the Series’ subadviser determines that the issuer is primarily tied to the fortunes and risks of the United States. In that event, the Series may invest in depositary receipts representing the securities of such issuers.”

Under “More About Principal Risks” on page 4 of the Series’ statutory prospectus, the following is added after the first sentence:

**Depositary Receipts**

The Series may invest in American Depositary Receipts (ADRs) sponsored by U.S. banks, European Depositary Receipts (EDRs), Global Depositary Receipts (GDRs), ADRs not sponsored by U.S. banks, other types of depositary receipts (including non-voting depositary receipts) and other similar instruments representing securities of foreign companies.

**Investors should retain this supplement with the  
Prospectuses for future reference.**

VVIT 8500/EquityIncomeSeriesPIS/RisksUpdate (02/2021)

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## **VIRTUS VARIABLE INSURANCE TRUST**

One Financial Plaza  
Hartford, CT 06103-2608

### **Trustees**

Philip R. McLoughlin, Chairman  
George R. Aylward  
Donald C. Burke  
Sidney E. Harris  
John R. Mallin  
Connie D. McDaniel  
Geraldine M. McNamara  
James M. Oates  
R. Keith Walton  
Brian T. Zino

### **Advisory Board Member**

Sarah E. Cogan  
Deborah A. DeCotis  
F. Ford Drummond  
William R. Moyer

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Peter Batchelar, Senior Vice President  
W. Patrick Bradley, Executive Vice President,  
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Kevin J. Carr, Senior Vice President and  
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Chief Compliance Officer  
Jennifer Fromm, Vice President, Chief Legal  
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### **Investment Adviser**

Virtus Investment Advisers, Inc.  
One Financial Plaza  
Hartford, CT 06103-2608

### **Principal Underwriter**

VP Distributors, LLC  
One Financial Plaza  
Hartford, CT 06103-2608

### **Administrator**

Virtus Fund Services, LLC  
One Financial Plaza  
Hartford, CT 06103-2608

### **Custodian**

The Bank of New York Mellon  
240 Greenwich Street  
New York, NY 10286-1048

### **Independent Registered Public Accounting Firm**

PricewaterhouseCoopers LLP  
2001 Market Street  
Philadelphia, PA 19103-7042

### **How to Contact Us**

Mutual Fund Services  
Website

1-800-367-5877  
**Virtus.com**

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The Securities and Exchange Commission has modified mailing regulations for semiannual and annual shareholder fund reports to allow mutual fund companies to send a single copy of these reports to shareholders who share the same mailing address. If you would like additional copies, please call Mutual Fund Services at 1-800-367-5877.



P.O. Box 9874  
Providence, RI 02940-8074

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