

MainStay VP S&P 500 Index Portfolio

Message from the President and Annual Report

December 31, 2023

Special Notice:

Beginning in July 2024, new regulations issued by the Securities and Exchange Commission (SEC) will take effect requiring open-end mutual fund companies and ETFs to (1) overhaul the content of their shareholder reports and (2) mail paper copies of the new tailored shareholder reports to shareholders who have not opted to receive these documents electronically.

If you have not yet elected to receive your shareholder reports electronically, please contact your financial intermediary or visit our website.

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May Lose Value

No Bank Guarantee

Not Insured by Any Government Agency



INVESTMENTS

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Message from the President

Against a backdrop of easing inflationary pressures and continued economic growth, stocks and bonds generally gained ground during the 12-month period ended December 31, 2023, despite high levels of volatility and sharp disparities between the performance of the different market sectors.

Although the war in Ukraine, the outbreak of hostilities in the Middle East and several other notable events affected financial assets, inflation, interest rate, and economic growth trends stood at the forefront of market developments during most of the period. As the reporting period began, high levels of inflation already showed signs of easing in the face of aggressive rate hikes by U.S. Federal Reserve (the “Fed”). From a peak of 9.1% in June 2022, the annualized U.S. inflation rate dropped to 6.4% in January, and 3.4% in December 2023. At the same time, the Fed increased the benchmark federal funds rate from 4.25%–4.50% at the beginning of reporting period, to 5.25%–5.50% as of the end of 2023. Despite the increasing cost of capital and tighter lending environment that resulted from rising rates, economic growth remained surprisingly robust, bolstered by high levels of consumer spending, low levels of unemployment and better-than-expected corporate earnings. With the pace of rate increases slowing from the prior year, investors began hoping for an early shift to a looser monetary policy, with stock prices and bond yields reacting as economic data and statements from the Fed either reinforced or undercut those hopes. Following months of hawkish rhetoric, the Fed finally reversed its stance in December 2023, signaling a positive economic outlook with little chance of a recession and a likelihood of rate cuts in 2024.

The S&P 500[®] Index, a widely regarded benchmark of U.S. market performance, produced strong gains during the reporting period—recovering all its losses from 2022 and approached new record territory. A preponderance of the Index’s gains were generated by a relatively small number of mega-cap stocks in the information technology, communication services and consumer discretionary sectors that stood to benefit from rapid developments in generative artificial intelligence (“AI”). Value-oriented, interest-rate sensitive and small-capitalization

shares lagged by significant margins, although market strength widened during the closing weeks of the reporting period. Most overseas equity markets trailed the U.S. market, as developed international economies experienced relatively low growth rates, and weak economic conditions in China undermined emerging markets.

Bonds produced generally positive returns, bolstered by attractive and relatively stable yields. The yield on the 10-year Treasury note hit a high of just under 5% in mid-October 2023, ranging between approximately 3.5% and 4.8% for most of the reporting period. The yield curve remained inverted throughout the year, with the 2-year Treasury yield modestly above the 10-year yield. Corporate bond prices trended moderately higher, generally outperforming government securities. After years of low yields and tight credit spreads, the corporate sector benefited from more attractive valuations and income opportunities. Among corporates, markets generally rewarded longer duration and lower credit quality, although an uptick in default rates posed added risks for high-yield corporate bonds. International bond markets produced mixed returns, with emerging-markets issues advancing over their developed-markets counterparts.

The market volatility of recent years reminds us of the constant need for experienced and steadfast portfolio management in the face of uncertainty. New York Life Investments remains dedicated to providing you, as a valued MainStay VP investor, with the guidance, resources and investment solutions you need to pursue your financial goals.

Thank you for trusting us to help meet your investment needs.

Sincerely,



Kirk C. Lehneis
President

The opinions expressed are as of the date of this report and are subject to change. There is no guarantee that any forecast made will come to pass. This material does not constitute investment advice and is not intended as an endorsement of any specific investment. Past performance is no guarantee of future results.

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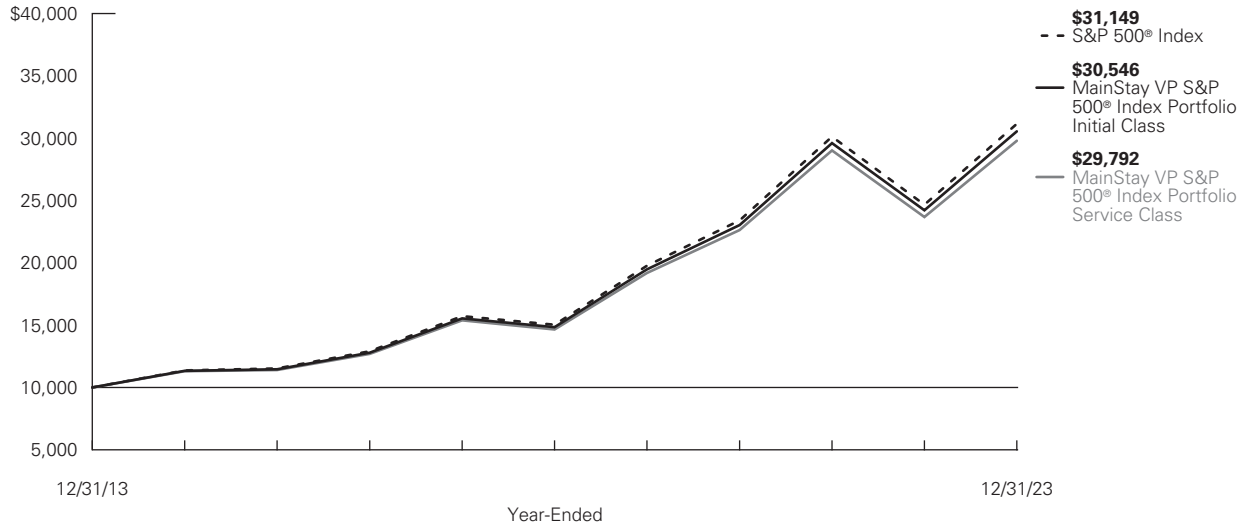
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Investors should refer to the Portfolio's Summary Prospectus and/or Prospectus and consider the Portfolio's investment objectives, strategies, risks, charges and expenses carefully before investing. The Summary Prospectus and/or Prospectus contain this and other information about the Portfolio. You may obtain copies of the Portfolio's Summary Prospectus, Prospectus and Statement of Additional Information, which includes information about the MainStay VP Funds Trust's Trustees, free of charge, upon request, by calling toll-free 800-598-2019, by writing to New York Life Insurance and Annuity Corporation, 51 Madison Avenue, Room 251, New York, New York 10010 or by sending an email to MainStayShareholdersServices@nylim.com. These documents are also available at newyorklifeinvestments.com/investment-products/vp. Please read the Portfolio's Summary Prospectus and/or Prospectus carefully before investing. MainStay VP Funds Trust portfolios are separate account options which are purchased through a variable insurance or variable annuity contract.

Investment and Performance Comparison (Unaudited)

Performance data quoted represents past performance. Past performance is no guarantee of future results. Because of market volatility and other factors, current performance may be lower or higher than the figures shown. Investment return and principal value will fluctuate, and as a result, when shares are redeemed, they may be worth more or less than their original cost. The performance table and graph do not reflect any deduction of sales charges, mortality and expense charges, contract charges or administrative charges. Please refer to the Performance Summary appropriate for your policy. For performance information current to the most recent month-end, please call 800-598-2019 or visit www.newyorklife.com.

Performance figures may reflect certain fee waivers and/or expense limitations, without which total returns may have been different. For information on current fee waivers and/or expense limitations (if any), please refer to the Notes to Financial Statements.



Average Annual Total Returns for the Year-Ended December 31, 2023

Class	Inception Date ¹	One Year	Five Years	Ten Years	Gross Expense Ratio ²
Initial Class Shares	1/29/1993	26.14%	15.53%	11.81%	0.19%
Service Class Shares	6/5/2003	25.83	15.25	11.53	0.44

- Effective June 13, 2022, the Portfolio replaced its subadvisor. The past performance in the graph and table prior to that date reflects the Portfolio's prior subadvisor.
- The gross expense ratios presented reflect the Portfolio's "Total Annual Portfolio Operating Expenses" from the most recent Prospectus and may differ from other expense ratios disclosed in this report.

Benchmark Performance*	One Year	Five Years	Ten Years
S&P 500® Index ¹	26.29%	15.69%	12.03%
Morningstar Large Blend Category Average ²	22.32	14.26	10.55

* Returns for indices reflect no deductions for fees, expenses or taxes, except for foreign withholding taxes where applicable. Results assume reinvestment of all dividends and capital gains. An investment cannot be made directly in an index.

- The S&P 500® Index is the Portfolio's primary broad-based securities market index for comparison purposes. The S&P 500® Index is widely regarded as the standard index for measuring large-cap U.S. stock market performance. S&P® and S&P 500® are registered trademarks of Standard & Poor's Financial Services LLC ("S&P") and Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"). The foregoing trademarks have been licensed for use by S&P Dow Jones Indices LLC and sublicensed for certain purposes by New York Life Investment Management LLC. The S&P 500® Index is a product of S&P Dow Jones Indices LLC and has been licensed for use by New York Life Investment Management LLC. MainStay S&P 500 Index Portfolio is not sponsored, endorsed, sold or promoted by S&P Dow Jones Indices LLC, Dow Jones, S&P or their respective affiliates and neither S&P Dow Jones Indices LLC, Dow Jones, S&P nor their respective affiliates make any representation regarding the advisability of investing in such product(s).
- The Morningstar Large Blend Category Average is representative of funds that represent the overall U.S. stock market in size, growth rates and price. Stocks in the top 70% of the capitalization of the U.S. equity market are defined as large cap. The blend style is assigned to funds where neither growth nor value characteristics predominate. These funds tend to invest across the spectrum of U.S. industries, and owing to their broad exposure, the funds' returns are often similar to those of the S&P 500® Index. Results are based on average total returns of similar funds with all dividends and capital gain distributions reinvested.

Cost in Dollars of a \$1,000 Investment in MainStay VP S&P 500 Index Portfolio (Unaudited)

The example below is intended to describe the fees and expenses borne by shareholders during the six-month period from July 1, 2023 to December 31, 2023, and the impact of those costs on your investment.

Example

As a shareholder of the Portfolio you incur two types of costs: (1) transaction costs, including exchange fees and sales charges (loads) on purchases (as applicable), and (2) ongoing costs, including management fees, distribution and/or service (12b-1) fees and other Portfolio expenses (as applicable). This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 made at the beginning of the six-month period and held for the entire period from July 1, 2023 to December 31, 2023. Shares are only sold in connection with variable life and annuity contracts and the example does not reflect any contract level or transactional fees or expenses. If these costs had been included, your costs would have been higher.

This example illustrates your Portfolio's ongoing costs in two ways:

Actual Expenses

The second and third data columns in the table below provide information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid during the six months ended

December 31, 2023. 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 under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

Hypothetical Example for Comparison Purposes

The fourth and fifth data columns in the table below provide information about hypothetical account values and hypothetical expenses based on the Portfolio's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Portfolio's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balances or expenses you paid for the six-month period shown. You may use this information to compare the ongoing costs of investing in the Portfolio with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other mutual funds.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transactional costs, such as exchange fees or sales charges (loads). Therefore, the fourth and fifth data columns of the table are useful in comparing ongoing costs only and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

Share Class	Beginning Account Value 7/1/23	Ending Account Value (Based on Actual Returns and Expenses) 12/31/23	Expenses Paid During Period ¹	Ending Account Value (Based on Hypothetical 5% Annualized Return and Actual Expenses) 12/31/23	Expenses Paid During Period ¹	Net Expense Ratio During Period ²
Initial Class Shares	\$1,000.00	\$1,079.80	\$0.63	\$1,024.60	\$0.61	0.12%
Service Class Shares	\$1,000.00	\$1,078.40	\$1.94	\$1,023.34	\$1.89	0.37%

- Expenses are equal to the Portfolio's annualized expense ratio of each class multiplied by the average account value over the period, divided by 365 and multiplied by 184 (to reflect the six-month period). The table above represents the actual expenses incurred during the six-month period. In addition to the fees and expenses which the Portfolio bears directly, it also indirectly bears a pro rata share of the fees and expenses of the underlying funds in which it invests. Such indirect expenses are not included in the above-reported expense figures.
- Expenses are equal to the Portfolio's annualized expense ratio to reflect the six-month period.

Industry Composition as of December 31, 2023 (Unaudited)

Software	10.6%	Electrical Equipment	0.6%
Semiconductors & Semiconductor Equipment	8.0	Electronic Equipment, Instruments & Components	0.6
Technology Hardware, Storage & Peripherals	7.2	Commercial Services & Supplies	0.6
Interactive Media & Services	5.7	Tobacco	0.5
Financial Services	4.1	Textiles, Apparel & Luxury Goods	0.5
Pharmaceuticals	3.7	Consumer Finance	0.5
Oil, Gas & Consumable Fuels	3.5	Air Freight & Logistics	0.5
Broadline Retail	3.5	Building Products	0.5
Banks	3.2	Metals & Mining	0.4
Capital Markets	3.0	Household Durables	0.4
Health Care Providers & Services	2.8	Energy Equipment & Services	0.4
Health Care Equipment & Supplies	2.5	Industrial REITs	0.3
Hotels, Restaurants & Leisure	2.2	Residential REITs	0.3
Insurance	2.0	Retail REITs	0.3
Specialty Retail	2.0	Trading Companies & Distributors	0.3
Biotechnology	2.0	Containers & Packaging	0.2
Automobiles	1.9	Wireless Telecommunication Services	0.2
Consumer Staples Distribution & Retail	1.8	Health Care REITs	0.2
Machinery	1.8	Personal Care Products	0.2
Aerospace & Defense	1.6	Passenger Airlines	0.2
Chemicals	1.6	Real Estate Management & Development	0.2
Electric Utilities	1.5	Construction Materials	0.2
Beverages	1.5	Distributors	0.1
Life Sciences Tools & Services	1.4	Automobile Components	0.1
IT Services	1.2	Construction & Engineering	0.1
Household Products	1.2	Office REITs	0.1
Entertainment	1.2	Water Utilities	0.1
Specialized REITs	1.1	Gas Utilities	0.0‡
Ground Transportation	1.1	Hotel & Resort REITs	0.0‡
Food Products	0.9	Independent Power and Renewable Electricity Producers	0.0‡
Industrial Conglomerates	0.8	Leisure Products	0.0‡
Communications Equipment	0.8	Short-Term Investments	1.2
Professional Services	0.7	Other Assets, Less Liabilities	0.1
Diversified Telecommunication Services	0.7		<u>100.0%</u>
Media	0.7		
Multi-Utilities	0.6		

‡ Less than one-tenth of a percent.

See Portfolio of Investments beginning on page 10 for specific holdings within these categories. The Portfolio's holdings are subject to change.

Top Ten Holdings and/or Issuers Held as of December 31, 2023 (excluding short-term investments)
(Unaudited)

- | | |
|---------------------|--------------------------------------|
| 1. Apple, Inc. | 6. Meta Platforms, Inc., Class A |
| 2. Microsoft Corp. | 7. Tesla, Inc. |
| 3. Alphabet, Inc. | 8. Berkshire Hathaway, Inc., Class B |
| 4. Amazon.com, Inc. | 9. JPMorgan Chase & Co. |
| 5. NVIDIA Corp. | 10. Broadcom, Inc. |
-

Portfolio Management Discussion and Analysis (Unaudited)

Answers to the questions reflect the views of portfolio manager Francis J. Ok of IndexIQ Advisors LLC, the Portfolio's Subadvisor.

How did MainStay VP S&P 500[®] Index Portfolio perform relative to its benchmark and peers during the 12 months ended December 31, 2023?

For the 12 months December 31, 2023, MainStay VP S&P 500[®] Index Portfolio returned 26.14% for Initial Class shares and 25.83% for Service Class shares. Over the same period, both share classes underperformed the 26.29% return of the S&P 500[®] Index (the "Index"), which is the Portfolio's benchmark. Although the Portfolio seeks investment results that correspond to the total return performance of common stocks in the aggregate as represented by the S&P 500[®] Index, the Portfolio's net performance will typically lag that of the Index because the Portfolio incurs operating expenses that the Index does not. For the 12 months ended December 31, 2023, both share classes outperformed the 22.32% return of the Morningstar Large Blend Category Average.¹

During the reporting period, which S&P 500[®] industries had the highest total returns and which industries had the lowest total returns?

The Index industry groups with the highest total returns during the reporting period included semiconductors & semiconductor equipment, interactive media & services and automobile manufacturers. Conversely, the industry groups that had the lowest total returns were alternative carriers, housewares & specialties, and personal care products.

During the reporting period, which S&P 500[®] industries made the strongest positive contributions to the Portfolio's absolute performance and which industries made the weakest contributions?

The Index industries that made the strongest positive contributions to the Portfolio's absolute performance during the reporting period included semiconductors, systems software and interactive media & services. (Contributions take weightings and total returns into account.) During the same period, the industries that made the weakest contributions to the Portfolio's absolute performance included integrated oil & gas, regional banks and electric utilities.

During the reporting period, which individual stocks in the S&P 500[®] Index had the highest total returns and which individual stocks had the lowest total returns?

The Index stocks with the highest total returns during the reporting period included semiconductor maker NVIDIA, social media company Meta Platforms and cruise line operator Carnival. Conversely, the stocks of solar energy systems producer Enphase

Energy, agricultural sciences company FMC and pharmaceutical developer Moderna produced the weakest total returns.

During the reporting period, which S&P 500[®] stocks made the strongest positive contributions to the Portfolio's absolute performance and which S&P 500[®] stocks made the weakest contributions?

The Index stocks that made the strongest positive contributions to the Portfolio's absolute performance during the reporting period included productivity software company Microsoft, consumer products maker Apple and semiconductor manufacturer NVIDIA. The stocks making the weakest contributions included pharmaceutical company Pfizer, integrated oil & gas firm Chevron and electric utility NextEra Energy.

Were there any changes in the S&P 500[®] Index during the reporting period?

During the reporting period, there were 16 additions to and 17 deletions from the S&P 500[®] Index. In terms of index weight, significant additions to the S&P 500[®] Index included Blackstone and Palo Alto Networks, while significant deletions included Activision Blizzard and SVB Financial Group.

1. See "Investment and Performance Comparison" for more information on benchmark and peer group returns.

The opinions expressed are those of the portfolio manager as of the date of this report and are subject to change. There is no guarantee that any forecasts will come to pass. This material does not constitute investment advice and is not intended as an endorsement of any specific investment.

Not all MainStay VP Portfolios and/or share classes are available under all policies.

Portfolio of Investments December 31, 2023^{†^}

	Shares	Value
Common Stocks 98.7%		
Aerospace & Defense 1.6%		
Axon Enterprise, Inc. (a)	6,583	\$ 1,700,587
Boeing Co. (The) (a)	53,152	13,854,600
General Dynamics Corp.	21,170	5,497,214
Howmet Aerospace, Inc.	36,560	1,978,627
Huntington Ingalls Industries, Inc.	3,713	964,043
L3Harris Technologies, Inc.	17,715	3,731,133
Lockheed Martin Corp.	20,638	9,353,967
Northrop Grumman Corp.	13,248	6,201,919
RTX Corp.	134,394	11,307,911
Textron, Inc.	18,320	1,473,295
TransDigm Group, Inc.	5,170	5,229,972
		<u>61,293,268</u>
Air Freight & Logistics 0.5%		
CH Robinson Worldwide, Inc.	10,896	941,305
Expeditors International of Washington, Inc.	13,589	1,728,521
FedEx Corp.	21,619	5,468,958
United Parcel Service, Inc., Class B	67,599	10,628,591
		<u>18,767,375</u>
Automobile Components 0.1%		
Aptiv plc (a)	26,438	2,372,018
BorgWarner, Inc.	21,999	788,664
		<u>3,160,682</u>
Automobiles 1.9%		
Ford Motor Co.	367,515	4,480,008
General Motors Co.	127,999	4,597,724
Tesla, Inc. (a)	258,493	64,230,341
		<u>73,308,073</u>
Banks 3.2%		
Bank of America Corp.	643,503	21,666,746
Citigroup, Inc.	178,881	9,201,639
Citizens Financial Group, Inc.	43,576	1,444,109
Comerica, Inc.	12,333	688,305
Fifth Third Bancorp	63,651	2,195,323
Huntington Bancshares, Inc.	135,345	1,721,588
JPMorgan Chase & Co.	270,209	45,962,551
KeyCorp	87,508	1,260,115
M&T Bank Corp.	15,511	2,126,248
PNC Financial Services Group, Inc. (The)	37,231	5,765,220
Regions Financial Corp.	86,929	1,684,684
Truist Financial Corp.	124,655	4,602,262
U.S. Bancorp	145,525	6,298,322
Wells Fargo & Co.	339,432	16,706,843

	Shares	Value
Banks (continued)		
Zions Bancorp NA	13,864	\$ 608,214
		<u>121,932,169</u>
Beverages 1.5%		
Brown-Forman Corp., Class B	17,102	976,524
Coca-Cola Co. (The)	363,680	21,431,662
Constellation Brands, Inc., Class A	15,106	3,651,876
Keurig Dr Pepper, Inc.	94,101	3,135,445
Molson Coors Beverage Co., Class B	17,307	1,059,361
Monster Beverage Corp. (a)	69,044	3,977,625
PepsiCo, Inc.	128,502	21,824,780
		<u>56,057,273</u>
Biotechnology 2.0%		
AbbVie, Inc.	165,016	25,572,529
Amgen, Inc.	50,020	14,406,760
Biogen, Inc. (a)	13,543	3,504,522
Gilead Sciences, Inc.	116,462	9,434,587
Incyte Corp. (a)	17,385	1,091,604
Moderna, Inc. (a)	31,004	3,083,348
Regeneron Pharmaceuticals, Inc. (a)	10,013	8,794,318
Vertex Pharmaceuticals, Inc. (a)	24,084	9,799,539
		<u>75,687,207</u>
Broadline Retail 3.5%		
Amazon.com, Inc. (a)	849,967	129,143,987
eBay, Inc.	48,508	2,115,919
Etsy, Inc. (a)	11,192	907,112
		<u>132,167,018</u>
Building Products 0.5%		
A O Smith Corp.	11,480	946,411
Allegion plc	8,205	1,039,492
Builders FirstSource, Inc. (a)	11,534	1,925,486
Carrier Global Corp.	78,422	4,505,344
Johnson Controls International plc	63,586	3,665,097
Masco Corp.	20,983	1,405,441
Trane Technologies plc	21,347	5,206,533
		<u>18,693,804</u>
Capital Markets 3.0%		
Ameriprise Financial, Inc.	9,458	3,592,432
Bank of New York Mellon Corp. (The)	71,882	3,741,458
BlackRock, Inc.	13,070	10,610,226
Blackstone, Inc.	66,411	8,694,528
Cboe Global Markets, Inc.	9,866	1,761,673
Charles Schwab Corp. (The)	139,096	9,569,805
CME Group, Inc.	33,647	7,086,058
FactSet Research Systems, Inc.	3,551	1,694,005

	Shares	Value
Common Stocks (continued)		
Capital Markets (continued)		
Franklin Resources, Inc.	26,349	\$ 784,937
Goldman Sachs Group, Inc. (The)	30,480	11,758,270
Intercontinental Exchange, Inc.	53,496	6,870,491
Invesco Ltd.	41,985	749,012
MarketAxess Holdings, Inc.	3,543	1,037,568
Moody's Corp.	14,710	5,745,138
Morgan Stanley	118,122	11,014,876
MSCI, Inc.	7,392	4,181,285
Nasdaq, Inc.	31,816	1,849,782
Northern Trust Corp.	19,351	1,632,837
Raymond James Financial, Inc.	17,564	1,958,386
S&P Global, Inc.	30,283	13,340,267
State Street Corp.	28,842	2,234,101
T. Rowe Price Group, Inc.	20,887	2,249,321
		<u>112,156,456</u>
Chemicals 1.6%		
Air Products and Chemicals, Inc.	20,763	5,684,909
Albemarle Corp.	10,968	1,584,657
Celanese Corp.	9,367	1,455,351
CF Industries Holdings, Inc.	17,857	1,419,631
Corteva, Inc.	65,868	3,156,395
Dow, Inc.	65,556	3,595,091
DuPont de Nemours, Inc.	40,194	3,092,124
Eastman Chemical Co.	11,082	995,385
Ecolab, Inc.	23,719	4,704,664
FMC Corp.	11,651	734,596
International Flavors & Fragrances, Inc.	23,860	1,931,944
Linde plc	45,320	18,613,377
LyondellBasell Industries NV, Class A	23,950	2,277,166
Mosaic Co. (The)	30,548	1,091,480
PPG Industries, Inc.	22,041	3,296,232
Sherwin-Williams Co. (The)	22,010	6,864,919
		<u>60,497,921</u>
Commercial Services & Supplies 0.6%		
Cintas Corp.	8,093	4,877,327
Copart, Inc. (a)	81,667	4,001,683
Republic Services, Inc.	19,115	3,152,255
Rollins, Inc.	26,251	1,146,381
Veralto Corp.	20,499	1,686,248
Waste Management, Inc.	34,257	6,135,429
		<u>20,999,323</u>
Communications Equipment 0.8%		
Arista Networks, Inc. (a)	23,552	5,546,732
Cisco Systems, Inc.	378,585	19,126,114
F5, Inc. (a)	5,581	998,887

	Shares	Value
Communications Equipment (continued)		
Juniper Networks, Inc.	29,803	\$ 878,593
Motorola Solutions, Inc.	15,512	4,856,652
		<u>31,406,978</u>
Construction & Engineering 0.1%		
Quanta Services, Inc.	13,579	2,930,348
Construction Materials 0.2%		
Martin Marietta Materials, Inc.	5,777	2,882,203
Vulcan Materials Co.	12,419	2,819,237
		<u>5,701,440</u>
Consumer Finance 0.5%		
American Express Co.	53,809	10,080,578
Capital One Financial Corp.	35,596	4,667,348
Discover Financial Services	23,372	2,627,013
Synchrony Financial	38,676	1,477,036
		<u>18,851,975</u>
Consumer Staples Distribution & Retail 1.8%		
Costco Wholesale Corp.	41,381	27,314,771
Dollar General Corp.	20,513	2,788,742
Dollar Tree, Inc. (a)	19,535	2,774,947
Kroger Co. (The)	61,853	2,827,301
Sysco Corp.	47,125	3,446,251
Target Corp.	43,144	6,144,568
Walgreens Boots Alliance, Inc.	67,056	1,750,832
Walmart, Inc.	133,331	21,019,632
		<u>68,067,044</u>
Containers & Packaging 0.2%		
Arcor plc	135,089	1,302,258
Avery Dennison Corp.	7,527	1,521,658
Ball Corp.	29,485	1,695,977
International Paper Co.	32,337	1,168,983
Packaging Corp. of America	8,377	1,364,697
Westrock Co.	23,984	995,816
		<u>8,049,389</u>
Distributors 0.1%		
Genuine Parts Co.	13,104	1,814,904
LKQ Corp.	25,011	1,195,276
Pool Corp.	3,615	1,441,336
		<u>4,451,516</u>
Diversified Telecommunication Services 0.7%		
AT&T, Inc.	668,278	11,213,705
Verizon Communications, Inc.	392,937	14,813,725
		<u>26,027,430</u>

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Portfolio of Investments December 31, 2023[†] (continued)

	Shares	Value
Common Stocks (continued)		
Electric Utilities 1.5%		
Alliant Energy Corp.	23,850	\$ 1,223,505
American Electric Power Co., Inc.	49,151	3,992,044
Constellation Energy Corp.	29,851	3,489,283
Duke Energy Corp.	72,035	6,990,277
Edison International	35,824	2,561,058
Entergy Corp.	19,765	2,000,020
Energy, Inc.	21,471	1,120,786
Eversource Energy	32,650	2,015,158
Exelon Corp.	93,039	3,340,100
FirstEnergy Corp.	48,293	1,770,421
NextEra Energy, Inc.	191,763	11,647,685
NRG Energy, Inc.	21,101	1,090,922
PG&E Corp.	199,409	3,595,344
Pinnacle West Capital Corp.	10,605	761,863
PPL Corp.	68,895	1,867,055
Southern Co. (The)	101,935	7,147,682
Xcel Energy, Inc.	51,576	3,193,070
		<u>57,806,273</u>
Electrical Equipment 0.6%		
AMETEK, Inc.	21,572	3,557,007
Eaton Corp. plc	37,321	8,987,643
Emerson Electric Co.	53,284	5,186,132
Generac Holdings, Inc. (a)	5,742	742,096
Hubbell, Inc.	5,015	1,649,584
Rockwell Automation, Inc.	10,718	3,327,725
		<u>23,450,187</u>
Electronic Equipment, Instruments & Components 0.6%		
Amphenol Corp., Class A	55,921	5,543,449
CDW Corp.	12,521	2,846,274
Corning, Inc.	71,768	2,185,335
Jabil, Inc.	11,958	1,523,449
Keysight Technologies, Inc. (a)	16,597	2,640,417
TE Connectivity Ltd.	29,047	4,081,103
Teledyne Technologies, Inc. (a)	4,410	1,968,139
Trimble, Inc. (a)	23,240	1,236,368
Zebra Technologies Corp., Class A (a)	4,800	1,311,984
		<u>23,336,518</u>
Energy Equipment & Services 0.4%		
Baker Hughes Co.	94,048	3,214,561
Halliburton Co.	83,656	3,024,164
Schlumberger NV	133,511	6,947,912
		<u>13,186,637</u>
Entertainment 1.2%		
Electronic Arts, Inc.	22,876	3,129,666

	Shares	Value
Entertainment (continued)		
Live Nation Entertainment, Inc. (a)	13,269	\$ 1,241,978
Netflix, Inc. (a)	40,908	19,917,287
Take-Two Interactive Software, Inc. (a)	14,783	2,379,324
Walt Disney Co. (The) (a)	171,021	15,441,486
Warner Bros Discovery, Inc. (a)	207,408	2,360,303
		<u>44,470,044</u>
Financial Services 4.1%		
Berkshire Hathaway, Inc., Class B (a)	170,054	60,651,460
Fidelity National Information Services, Inc.	55,377	3,326,496
Fiserv, Inc. (a)	56,096	7,451,793
FleetCor Technologies, Inc. (a)	6,749	1,907,335
Global Payments, Inc.	24,332	3,090,164
Jack Henry & Associates, Inc.	6,807	1,112,332
Mastercard, Inc., Class A	77,398	33,011,021
PayPal Holdings, Inc. (a)	100,769	6,188,224
Visa, Inc., Class A	148,983	38,787,724
		<u>155,526,549</u>
Food Products 0.9%		
Archer-Daniels-Midland Co.	49,853	3,600,384
Bunge Global SA	13,579	1,370,800
Campbell Soup Co.	18,359	793,660
Conagra Brands, Inc.	44,673	1,280,328
General Mills, Inc.	54,329	3,538,991
Hershey Co. (The)	14,009	2,611,838
Hormel Foods Corp.	27,095	870,020
J M Smucker Co. (The)	9,928	1,254,701
Kellanova	24,670	1,379,300
Kraft Heinz Co. (The)	74,515	2,755,565
Lamb Weston Holdings, Inc.	13,546	1,464,187
McCormick & Co., Inc. (Non-Voting)	23,500	1,607,870
Mondelez International, Inc., Class A	127,152	9,209,619
Tyson Foods, Inc., Class A	26,659	1,432,921
		<u>33,170,184</u>
Gas Utilities 0.0% ‡		
Atmos Energy Corp.	13,879	1,608,576
Ground Transportation 1.1%		
CSX Corp.	184,699	6,403,514
JB Hunt Transport Services, Inc.	7,616	1,521,220
Norfolk Southern Corp.	21,136	4,996,128
Old Dominion Freight Line, Inc.	8,363	3,389,775
Uber Technologies, Inc. (a)	192,154	11,830,922
Union Pacific Corp.	56,976	13,994,445
		<u>42,136,004</u>

	Shares	Value
Common Stocks (continued)		
Health Care Equipment & Supplies 2.5%		
Abbott Laboratories	162,196	\$ 17,852,914
Align Technology, Inc. (a)	6,661	1,825,114
Baxter International, Inc.	47,393	1,832,213
Becton Dickinson & Co.	27,115	6,611,451
Boston Scientific Corp. (a)	136,854	7,911,530
Cooper Cos., Inc. (The)	4,629	1,751,799
Dentsply Sirona, Inc.	19,798	704,611
Dexcom, Inc. (a)	36,113	4,481,262
Edwards Lifesciences Corp. (a)	56,687	4,322,384
GE HealthCare Technologies, Inc.	36,607	2,830,453
Hologic, Inc. (a)	22,894	1,635,776
IDEXX Laboratories, Inc. (a)	7,767	4,311,073
Insulet Corp. (a)	6,526	1,416,012
Intuitive Surgical, Inc. (a)	32,906	11,101,168
Medtronic plc	124,359	10,244,694
ResMed, Inc.	13,751	2,365,447
STERIS plc	9,232	2,029,655
Stryker Corp.	31,601	9,463,236
Teleflex, Inc.	4,392	1,095,101
Zimmer Biomet Holdings, Inc.	19,532	2,377,044
		<u>96,162,937</u>
Health Care Providers & Services 2.8%		
Cardinal Health, Inc.	23,036	2,322,029
Cencora, Inc.	15,581	3,200,026
Centene Corp. (a)	49,929	3,705,231
Cigna Group (The)	27,350	8,189,957
CVS Health Corp.	120,047	9,478,911
DaVita, Inc. (a)	5,040	527,990
Elevance Health, Inc.	21,960	10,355,458
HCA Healthcare, Inc.	18,513	5,011,099
Henry Schein, Inc. (a)	12,206	924,116
Humana, Inc.	11,507	5,268,020
Laboratory Corp. of America Holdings	7,935	1,803,546
McKesson Corp.	12,437	5,758,082
Molina Healthcare, Inc. (a)	5,449	1,968,778
Quest Diagnostics, Inc.	10,504	1,448,292
UnitedHealth Group, Inc.	86,448	45,512,279
Universal Health Services, Inc., Class B	5,702	869,213
		<u>106,343,027</u>
Health Care REITs 0.2%		
Healthpeak Properties, Inc.	51,132	1,012,414
Ventas, Inc.	37,609	1,874,432
Welltower, Inc.	51,730	4,664,494
		<u>7,551,340</u>

	Shares	Value
Hotel & Resort REITs 0.0% ‡		
Host Hotels & Resorts, Inc.	65,934	\$ 1,283,735
Hotels, Restaurants & Leisure 2.2%		
Airbnb, Inc., Class A (a)	40,634	5,531,913
Booking Holdings, Inc. (a)	3,261	11,567,484
Caesars Entertainment, Inc. (a)	20,148	944,538
Carnival Corp. (a)	94,166	1,745,838
Chipotle Mexican Grill, Inc. (a)	2,565	5,866,052
Darden Restaurants, Inc.	11,245	1,847,553
Domino's Pizza, Inc.	3,260	1,343,870
Expedia Group, Inc. (a)	12,461	1,891,455
Hilton Worldwide Holdings, Inc.	23,968	4,364,333
Las Vegas Sands Corp.	34,503	1,697,893
Marriott International, Inc., Class A	23,058	5,199,810
McDonald's Corp.	67,794	20,101,599
MGM Resorts International (a)	25,541	1,141,172
Norwegian Cruise Line Holdings Ltd. (a)	39,814	797,873
Royal Caribbean Cruises Ltd. (a)	22,033	2,853,053
Starbucks Corp.	106,793	10,253,196
Wynn Resorts Ltd.	8,973	817,530
Yum! Brands, Inc.	26,199	3,423,161
		<u>81,388,323</u>
Household Durables 0.4%		
DR Horton, Inc.	28,167	4,280,821
Garmin Ltd.	14,306	1,838,893
Lennar Corp., Class A	23,380	3,484,555
Mohawk Industries, Inc. (a)	4,947	512,015
NVR, Inc. (a)	297	2,079,134
PulteGroup, Inc.	20,151	2,079,986
Whirlpool Corp.	5,130	624,680
		<u>14,900,084</u>
Household Products 1.2%		
Church & Dwight Co., Inc.	23,027	2,177,433
Clorox Co. (The)	11,588	1,652,333
Colgate-Palmolive Co.	76,957	6,134,242
Kimberly-Clark Corp.	31,586	3,838,015
Procter & Gamble Co. (The)	220,287	32,280,857
		<u>46,082,880</u>
Independent Power and Renewable Electricity Producers 0.0% ‡		
AES Corp. (The)	62,587	1,204,800
Industrial Conglomerates 0.8%		
3M Co.	51,622	5,643,317
General Electric Co.	101,726	12,983,290

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Portfolio of Investments December 31, 2023[†] (continued)

	Shares	Value
Common Stocks (continued)		
Industrial Conglomerates (continued)		
Honeywell International, Inc.	61,617	\$ 12,921,701
		<u>31,548,308</u>
Industrial REITs 0.3%		
Prologis, Inc.	86,359	<u>11,511,655</u>
Insurance 2.0%		
Aflac, Inc.	49,703	4,100,497
Allstate Corp. (The)	24,459	3,423,771
American International Group, Inc.	65,616	4,445,484
Aon plc, Class A	18,713	5,445,857
Arch Capital Group Ltd. (a)	34,879	2,590,463
Arthur J. Gallagher & Co.	20,179	4,537,853
Assurant, Inc.	4,915	828,128
Brown & Brown, Inc.	22,078	1,569,967
Chubb Ltd.	38,132	8,617,832
Cincinnati Financial Corp.	14,665	1,517,241
Everest Group Ltd.	4,056	1,434,120
Globe Life, Inc.	8,005	974,369
Hartford Financial Services Group, Inc. (The)	28,112	2,259,643
Loews Corp.	17,110	1,190,685
Marsh & McLennan Cos., Inc.	46,085	8,731,725
MetLife, Inc.	58,113	3,843,013
Principal Financial Group, Inc.	20,501	1,612,814
Progressive Corp. (The)	54,681	8,709,590
Prudential Financial, Inc.	33,741	3,499,279
Travelers Cos., Inc. (The)	21,347	4,066,390
W R Berkley Corp.	19,040	1,346,509
Willis Towers Watson plc	9,651	<u>2,327,821</u>
		<u>77,073,051</u>
Interactive Media & Services 5.7%		
Alphabet, Inc. (a)		
Class A	553,127	77,266,311
Class C	465,527	65,606,720
Match Group, Inc. (a)	25,405	927,282
Meta Platforms, Inc., Class A (a)	207,456	<u>73,431,126</u>
		<u>217,231,439</u>
IT Services 1.2%		
Accenture plc, Class A	58,660	20,584,381
Akamai Technologies, Inc. (a)	14,098	1,668,498
Cognizant Technology Solutions Corp., Class A	46,865	3,539,713
EPAM Systems, Inc. (a)	5,393	1,603,555
Gartner, Inc. (a)	7,286	3,286,787

	Shares	Value
IT Services (continued)		
International Business Machines Corp.	85,345	\$ 13,958,175
VeriSign, Inc. (a)	8,302	<u>1,709,880</u>
		<u>46,350,989</u>
Leisure Products 0.0% ‡		
Hasbro, Inc.	12,205	<u>623,187</u>
Life Sciences Tools & Services 1.4%		
Agilent Technologies, Inc.	27,347	3,802,053
Bio-Rad Laboratories, Inc., Class A (a)	1,954	630,927
Bio-Techne Corp.	14,782	1,140,579
Charles River Laboratories International, Inc. (a)	4,798	1,134,247
Danaher Corp.	61,467	14,219,776
Illumina, Inc. (a)	14,842	2,066,600
IQVIA Holdings, Inc. (a)	17,116	3,960,300
Mettler-Toledo International, Inc. (a)	2,027	2,458,670
Rewity, Inc.	11,534	1,260,782
Thermo Fisher Scientific, Inc.	36,112	19,167,888
Waters Corp. (a)	5,526	1,819,325
West Pharmaceutical Services, Inc.	6,915	<u>2,434,910</u>
		<u>54,096,057</u>
Machinery 1.8%		
Caterpillar, Inc.	47,681	14,097,841
Cummins, Inc.	13,248	3,173,823
Deere & Co.	25,034	10,010,346
Dover Corp.	13,075	2,011,066
Fortive Corp.	32,847	2,418,525
IDEX Corp.	7,068	1,534,533
Illinois Tool Works, Inc.	25,591	6,703,306
Ingersoll Rand, Inc.	37,846	2,927,010
Nordson Corp.	5,062	1,337,178
Otis Worldwide Corp.	38,251	3,422,317
PACCAR, Inc. (a)	48,889	4,774,011
Parker-Hannifin Corp.	12,007	5,531,625
Pentair plc	15,452	1,123,515
Snap-on, Inc.	4,933	1,424,848
Stanley Black & Decker, Inc.	14,340	1,406,754
Westinghouse Air Brake Technologies Corp.	16,745	2,124,940
Xylem, Inc.	22,538	<u>2,577,446</u>
		<u>66,599,084</u>
Media 0.7%		
Charter Communications, Inc., Class A (a)	9,401	3,653,980
Comcast Corp., Class A	375,322	16,457,870

	Shares	Value
Common Stocks (continued)		
Media (continued)		
Fox Corp.		
Class A	23,107	\$ 685,585
Class B	12,346	341,367
Interpublic Group of Cos., Inc. (The)	35,798	1,168,447
News Corp.		
Class A	35,571	873,268
Class B	10,730	275,975
Omnicom Group, Inc.	18,490	1,599,570
Paramount Global, Class B	45,129	667,458
		<u>25,723,520</u>
Metals & Mining 0.4%		
Freeport-McMoRan, Inc.	134,027	5,705,529
Newmont Corp.	107,718	4,458,448
Nucor Corp.	22,977	3,998,917
Steel Dynamics, Inc.	14,217	1,679,028
		<u>15,841,922</u>
Multi-Utilities 0.6%		
Ameren Corp.	24,590	1,778,841
CenterPoint Energy, Inc.	58,997	1,685,544
CMS Energy Corp.	27,270	1,583,569
Consolidated Edison, Inc.	32,266	2,935,238
Dominion Energy, Inc.	78,211	3,675,917
DTE Energy Co.	19,270	2,124,710
NiSource, Inc.	38,625	1,025,494
Public Service Enterprise Group, Inc.	46,575	2,848,061
Sempra	58,820	4,395,619
WEC Energy Group, Inc.	29,482	2,481,500
		<u>24,534,493</u>
Office REITs 0.1%		
Alexandria Real Estate Equities, Inc.	14,618	1,853,124
Boston Properties, Inc.	13,506	947,716
		<u>2,800,840</u>
Oil, Gas & Consumable Fuels 3.5%		
APA Corp.	28,668	1,028,608
Chevron Corp.	164,088	24,475,366
ConocoPhillips	110,981	12,881,565
Coterra Energy, Inc.	70,304	1,794,158
Devon Energy Corp.	59,883	2,712,700
Diamondback Energy, Inc.	16,735	2,595,264
EOG Resources, Inc.	54,504	6,592,259
EQT Corp.	38,445	1,486,284
Exxon Mobil Corp.	374,391	37,431,612
Hess Corp.	25,838	3,724,806
Kinder Morgan, Inc.	180,744	3,188,324

	Shares	Value
Oil, Gas & Consumable Fuels (continued)		
Marathon Oil Corp.	54,700	\$ 1,321,552
Marathon Petroleum Corp.	35,488	5,265,000
Occidental Petroleum Corp.	61,713	3,684,883
ONEOK, Inc.	54,448	3,823,338
Phillips 66	41,121	5,474,850
Pioneer Natural Resources Co.	21,806	4,903,733
Targa Resources Corp.	20,840	1,810,371
Valero Energy Corp.	31,820	4,136,600
Williams Cos., Inc. (The)	113,700	3,960,171
		<u>132,291,444</u>
Passenger Airlines 0.2%		
American Airlines Group, Inc. (a)	61,146	840,146
Delta Air Lines, Inc.	60,141	2,419,473
Southwest Airlines Co.	55,743	1,609,858
United Airlines Holdings, Inc. (a)	30,655	1,264,825
		<u>6,134,302</u>
Personal Care Products 0.2%		
Estee Lauder Cos., Inc. (The), Class A	21,712	3,175,380
Kenvue, Inc.	161,087	3,468,203
		<u>6,643,583</u>
Pharmaceuticals 3.7%		
Bristol-Myers Squibb Co.	190,179	9,758,084
Catalent, Inc. (a)	16,871	758,014
Eli Lilly & Co.	74,531	43,445,611
Johnson & Johnson	224,997	35,266,030
Merck & Co., Inc.	236,843	25,820,624
Pfizer, Inc.	527,743	15,193,721
Viatrix, Inc.	112,127	1,214,335
Zoetis, Inc.	42,911	8,469,344
		<u>139,925,763</u>
Professional Services 0.7%		
Automatic Data Processing, Inc.	38,443	8,956,066
Broadridge Financial Solutions, Inc.	10,996	2,262,427
Ceridian HCM Holding, Inc. (a)	14,563	977,469
Equifax, Inc.	11,516	2,847,792
Jacobs Solutions, Inc.	11,769	1,527,616
Leidos Holdings, Inc.	12,854	1,391,317
Paychex, Inc.	30,049	3,579,136
Paycom Software, Inc.	4,584	947,604
Robert Half, Inc.	9,897	870,144
Verisk Analytics, Inc.	13,555	3,237,747
		<u>26,597,318</u>
Real Estate Management & Development 0.2%		
CBRE Group, Inc., Class A (a)	28,488	2,651,948

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Portfolio of Investments December 31, 2023[†] (continued)

	Shares	Value
Common Stocks (continued)		
Real Estate Management & Development (continued)		
CoStar Group, Inc. (a)	38,168	\$ 3,335,501
		<u>5,987,449</u>
Residential REITs 0.3%		
AvalonBay Communities, Inc.	13,273	2,484,971
Camden Property Trust	9,979	990,815
Equity Residential	32,280	1,974,245
Essex Property Trust, Inc.	5,999	1,487,392
Invitation Homes, Inc.	53,765	1,833,924
Mid-America Apartment Communities, Inc.	10,906	1,466,421
UDR, Inc.	28,284	1,082,994
		<u>11,320,762</u>
Retail REITs 0.3%		
Federal Realty OP LP	6,867	707,644
Kimco Realty Corp.	62,145	1,324,310
Realty Income Corp.	67,662	3,885,152
Regency Centers Corp.	15,354	1,028,718
Simon Property Group, Inc.	30,492	4,349,379
		<u>11,295,203</u>
Semiconductors & Semiconductor Equipment 8.0%		
Advanced Micro Devices, Inc. (a)	151,009	22,260,237
Analog Devices, Inc.	46,575	9,247,932
Applied Materials, Inc.	78,187	12,671,767
Broadcom, Inc.	41,026	45,795,272
Enphase Energy, Inc. (a)	12,769	1,687,296
First Solar, Inc. (a)	9,986	1,720,388
Intel Corp.	394,049	19,800,962
KLA Corp.	12,705	7,385,416
Lam Research Corp.	12,318	9,648,197
Microchip Technology, Inc.	50,569	4,560,312
Micron Technology, Inc.	102,628	8,758,274
Monolithic Power Systems, Inc.	4,478	2,824,633
NVIDIA Corp.	230,859	114,325,994
NXP Semiconductors NV	24,092	5,533,451
ON Semiconductor Corp. (a)	40,255	3,362,500
Qorvo, Inc. (a)	9,098	1,024,526
QUALCOMM, Inc.	104,027	15,045,425
Skyworks Solutions, Inc.	14,898	1,674,833
Teradyne, Inc.	14,289	1,550,642
Texas Instruments, Inc.	84,885	14,469,497
		<u>303,347,554</u>
Software 10.6%		
Adobe, Inc. (a)	42,555	25,388,313
ANSYS, Inc. (a)	8,112	2,943,683

	Shares	Value
Software (continued)		
Autodesk, Inc. (a)	19,979	\$ 4,864,487
Cadence Design Systems, Inc. (a)	25,428	6,925,824
Fair Isaac Corp. (a)	2,310	2,688,863
Fortinet, Inc. (a)	59,571	3,486,691
Gen Digital, Inc.	52,662	1,201,747
Intuit, Inc.	26,194	16,372,036
Microsoft Corp.	694,658	261,219,194
Oracle Corp.	148,501	15,656,460
Palo Alto Networks, Inc. (a)	29,050	8,566,264
PTC, Inc. (a)	11,107	1,943,281
Roper Technologies, Inc.	9,984	5,442,977
Salesforce, Inc. (a)	90,942	23,930,478
ServiceNow, Inc. (a)	19,160	13,536,348
Synopsys, Inc. (a)	14,215	7,319,446
Tyler Technologies, Inc. (a)	3,933	1,644,466
		<u>403,130,558</u>
Specialized REITs 1.1%		
American Tower Corp.	43,570	9,405,892
Crown Castle, Inc.	40,564	4,672,567
Digital Realty Trust, Inc.	28,306	3,809,421
Equinix, Inc.	8,775	7,067,297
Extra Space Storage, Inc.	19,747	3,166,037
Iron Mountain, Inc.	27,291	1,909,824
Public Storage	14,791	4,511,255
SBA Communications Corp.	10,084	2,558,210
VICI Properties, Inc.	96,693	3,082,573
Weyerhaeuser Co.	68,230	2,372,357
		<u>42,555,433</u>
Specialty Retail 2.0%		
AutoZone, Inc. (a)	1,648	4,261,085
Bath & Body Works, Inc.	21,252	917,236
Best Buy Co., Inc.	18,104	1,417,181
CarMax, Inc. (a)	14,830	1,138,054
Home Depot, Inc. (The)	93,471	32,392,375
Lowe's Cos., Inc.	53,940	12,004,347
O'Reilly Automotive, Inc. (a)	5,530	5,253,943
Ross Stores, Inc.	31,650	4,380,044
TJX Cos., Inc. (The)	106,932	10,031,291
Tractor Supply Co.	10,105	2,172,878
Ulta Beauty, Inc. (a)	4,601	2,254,444
		<u>76,222,878</u>
Technology Hardware, Storage & Peripherals 7.2%		
Apple, Inc. (b)	1,366,422	263,077,228
Hewlett Packard Enterprise Co.	119,903	2,035,953
HP, Inc.	81,284	2,445,835
NetApp, Inc.	19,515	1,720,442

	Shares	Value
Common Stocks (continued)		
Technology Hardware, Storage & Peripherals (continued)		
Seagate Technology Holdings plc	18,183	\$ 1,552,283
Western Digital Corp. (a)	30,305	1,587,073
		<u>272,418,814</u>
Textiles, Apparel & Luxury Goods 0.5%		
Lululemon Athletica, Inc. (a)	10,763	5,503,014
NIKE, Inc., Class B	114,403	12,420,734
Ralph Lauren Corp.	3,715	535,703
Tapestry, Inc.	21,421	788,507
VF Corp. (c)	30,934	581,559
		<u>19,829,517</u>
Tobacco 0.5%		
Altria Group, Inc.	165,307	6,668,484
Philip Morris International, Inc.	145,096	13,650,632
		<u>20,319,116</u>
Trading Companies & Distributors 0.3%		
Fastenal Co.	53,407	3,459,171
United Rentals, Inc.	6,335	3,632,616
WW Grainger, Inc.	4,129	3,421,661
		<u>10,513,448</u>
Water Utilities 0.1%		
American Water Works Co., Inc.	18,198	2,401,954
Wireless Telecommunication Services 0.2%		
T-Mobile US, Inc.	47,560	7,625,295
Total Common Stocks (d)		
(Cost \$1,060,694,584)		<u>3,742,309,723</u>

	Number of Rights
--	------------------

Rights 0.0% ‡	
Health Care Equipment & Supplies 0.0% ‡	
ABIOMED, Inc., CVR (a)(e)(f)	4,165
Total Rights	
(Cost \$4,248)	<u>4,249</u>

	Shares
--	--------

Short-Term Investments 1.2%	
Affiliated Investment Company 0.0% ‡	
MainStay U.S. Government Liquidity	
Fund, 5.235% (g)	22,379
	<u>22,379</u>

	Shares	Value
Unaffiliated Investment Company 0.0% ‡		
Invesco Government & Agency		
Portfolio, 5.361% (g)(h)	570,726	\$ 570,726

	Principal Amount
U.S. Treasury Debt 1.2%	
U.S. Treasury Bills	
5.28%, due 3/19/24 (b)(i)	\$ 45,000,000
Total Short-Term Investments	
(Cost \$45,085,393)	<u>45,092,629</u>
Total Investments	
(Cost \$1,105,784,225)	99.9%
	3,787,406,601
Other Assets, Less Liabilities	0.1
	<u>2,373,761</u>
Net Assets	100.0%
	<u>\$ 3,789,780,362</u>

† Percentages indicated are based on Portfolio net assets.

^ Industry classifications may be different than those used for compliance monitoring purposes.

‡ Less than one-tenth of a percent.

(a) Non-income producing security.

(b) Represents a security, or portion thereof, which was maintained at the broker as collateral for futures contracts.

(c) All or a portion of this security was held on loan. As of December 31, 2023, the aggregate market value of securities on loan was \$550,238. The Portfolio received cash collateral with a value of \$570,726. (See Note 2(l))

(d) The combined market value of common stocks and notional value of Standard & Poor's 500 Index futures contracts represents 99.9% of the Portfolio's net assets.

(e) Illiquid security—As of December 31, 2023, the total market value deemed illiquid under procedures approved by the Board of Trustees was \$4,249, which represented less than one-tenth of a percent of the Portfolio's net assets. (Unaudited)

(f) Security in which significant unobservable inputs (Level 3) were used in determining fair value.

(g) Current yield as of December 31, 2023.

(h) Represents a security purchased with cash collateral received for securities on loan.

(i) Interest rate shown represents yield to maturity.

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Portfolio of Investments December 31, 2023[†] (continued)

Investments in Affiliates (in 000's)

Investments in issuers considered to be affiliate(s) of the Portfolio during the year ended December 31, 2023 for purposes of Section 2(a)(3) of the Investment Company Act of 1940, as amended, were as follows:

Affiliated Investment Companies	Value, Beginning of Year	Purchases at Cost	Proceeds from Sales	Net Realized Gain/(Loss) on Sales	Change in Unrealized Appreciation/(Depreciation)	Value, End of Year	Dividend Income	Other Distributions	Shares End of Year
MainStay U.S. Government Liquidity Fund	\$ —(a)	\$ 35,221	\$ (35,199)	\$ —	\$ —	\$ 22	\$ 12	\$ —	22

(a) Less than \$500.

Futures Contracts

As of December 31, 2023, the Portfolio held the following futures contracts:

Type	Number of Contracts	Expiration Date	Value at Trade Date	Current Notional Amount	Unrealized Appreciation (Depreciation) ¹
Long Contracts					
S&P 500 E-Mini Index	183	March 2024	\$ 43,324,810	\$ 44,103,000	\$ 778,190

1. Represents the difference between the value of the contracts at the time they were opened and the value as of December 31, 2023.

Abbreviation(s):

REIT—Real Estate Investment Trust

The following is a summary of the fair valuations according to the inputs used as of December 31, 2023, for valuing the Portfolio's assets:

Description	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Asset Valuation Inputs				
Investments in Securities (a)				
Common Stocks	\$ 3,742,309,723	\$ —	\$ —	\$ 3,742,309,723
Rights	—	—	4,249	4,249
Short-Term Investments				
Affiliated Investment Company	22,379	—	—	22,379
Unaffiliated Investment Company	570,726	—	—	570,726
U.S. Treasury Debt	—	44,499,524	—	44,499,524
Total Short-Term Investments	593,105	44,499,524	—	45,092,629
Total Investments in Securities	3,742,902,828	44,499,524	4,249	3,787,406,601
Other Financial Instruments				
Futures Contracts (b)	778,190	—	—	778,190
Total Investments in Securities and Other Financial Instruments	\$ 3,743,681,018	\$ 44,499,524	\$ 4,249	\$ 3,788,184,791

(a) For a complete listing of investments and their industries, see the Portfolio of Investments.

(b) The value listed for these securities reflects unrealized appreciation (depreciation) as shown on the Portfolio of Investments.

Statement of Assets and Liabilities as of December 31, 2023

Assets

Investment in unaffiliated securities, at value (identified cost \$1,105,761,846) including securities on loan of \$550,238	\$3,787,384,222
Investment in affiliated investment companies, at value (identified cost \$22,379)	22,379
Receivables:	
Dividends	3,488,147
Portfolio shares sold	1,603,513
Securities lending	2,341
Other assets	17,076
Total assets	<u>3,792,517,678</u>

Liabilities

Cash collateral received for securities on loan	570,726
Due to custodian	5,041
Payables:	
Portfolio shares redeemed	1,155,060
NYLIFE Distributors (See Note 3)	456,527
Manager (See Note 3)	274,257
Variation margin on futures contracts	111,993
Investment securities purchased	89,699
Professional fees	42,295
Custodian	18,638
Shareholder communication	26
Accrued expenses	13,054
Total liabilities	<u>2,737,316</u>
Net assets	<u>\$3,789,780,362</u>

Composition of Net Assets

Shares of beneficial interest outstanding (par value of \$.001 per share) unlimited number of shares authorized	\$ 44,666
Additional paid-in-capital	<u>1,061,747,285</u>
	1,061,791,951
Total distributable earnings (loss)	<u>2,727,988,411</u>
Net assets	<u>\$3,789,780,362</u>

Initial Class

Net assets applicable to outstanding shares	<u>\$1,592,464,944</u>
Shares of beneficial interest outstanding	<u>18,655,616</u>
Net asset value per share outstanding	<u>\$ 85.36</u>

Service Class

Net assets applicable to outstanding shares	<u>\$2,197,315,418</u>
Shares of beneficial interest outstanding	<u>26,010,472</u>
Net asset value per share outstanding	<u>\$ 84.48</u>

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Statement of Operations for the year ended December 31, 2023

Investment Income (Loss)

Income

Dividends-unaffiliated (net of foreign tax withholding of \$14,640)	\$ 54,958,175
Interest	1,950,294
Securities lending, net	61,839
Dividends-affiliated	<u>11,588</u>
Total income	<u>56,981,896</u>

Expenses

Manager (See Note 3)	5,302,180
Distribution/Service—Service Class (See Note 3)	4,864,298
Professional fees	248,852
Shareholder communication	122,996
Trustees	84,272
Custodian	51,445
Registration	79
Miscellaneous	<u>452,021</u>
Total expenses before waiver/reimbursement	11,126,143
Expense waiver/reimbursement from Manager (See Note 3)	<u>(2,220,095)</u>
Net expenses	<u>8,906,048</u>
Net investment income (loss)	<u>48,075,848</u>

Realized and Unrealized Gain (Loss)

Net realized gain (loss) on:	
Unaffiliated investment transactions	9,881,329
Futures transactions	3,231,501
Foreign currency transactions	<u>(167)</u>
Net realized gain (loss)	<u>13,112,663</u>
Net change in unrealized appreciation (depreciation) on:	
Unaffiliated investments	713,894,203
Futures contracts	<u>1,592,915</u>
Net change in unrealized appreciation (depreciation)	<u>715,487,118</u>
Net realized and unrealized gain (loss)	<u>728,599,781</u>
Net increase (decrease) in net assets resulting from operations	<u>\$776,675,629</u>

Statements of Changes in Net Assets

for the years ended December 31, 2023 and December 31, 2022

	2023	2022
Increase (Decrease) in Net Assets		
Operations:		
Net investment income (loss)	\$ 48,075,848	\$ 42,206,959
Net realized gain (loss)	13,112,663	54,948,557
Net change in unrealized appreciation (depreciation)	715,487,118	(780,676,025)
Net increase (decrease) in net assets resulting from operations	776,675,629	(683,520,509)
Distributions to shareholders:		
Initial Class	(42,435,488)	(62,047,386)
Service Class	(53,781,028)	(79,677,136)
Total distributions to shareholders	(96,216,516)	(141,724,522)
Capital share transactions:		
Net proceeds from sales of shares	352,819,092	291,292,111
Net asset value of shares issued to shareholders in reinvestment of distributions	96,216,516	141,724,522
Cost of shares redeemed	(342,435,534)	(417,633,674)
Increase (decrease) in net assets derived from capital share transactions	106,600,074	15,382,959
Net increase (decrease) in net assets	787,059,187	(809,862,072)
Net Assets		
Beginning of year	3,002,721,175	3,812,583,247
End of year	\$3,789,780,362	\$3,002,721,175

The notes to the financial statements are an integral part of, and should be read in conjunction with, the financial statements.

Financial Highlights selected per share data and ratios

Initial Class	Year Ended December 31,				
	2023	2022	2021	2020	2019
Net asset value at beginning of year	\$ 69.69	\$ 89.76	\$ 71.41	\$ 61.70	\$ 48.11
Net investment income (loss) (a)	1.22	1.12	1.03	1.00	1.01
Net realized and unrealized gain (loss)	16.77	(17.63)	19.19	10.13	13.88
Total from investment operations	17.99	(16.51)	20.22	11.13	14.89
Less distributions:					
From net investment income	(1.10)	(1.12)	(1.01)	(0.91)	(1.00)
From net realized gain on investments	(1.22)	(2.44)	(0.86)	(0.51)	(0.30)
Total distributions	(2.32)	(3.56)	(1.87)	(1.42)	(1.30)
Net asset value at end of year	\$ 85.36	\$ 69.69	\$ 89.76	\$ 71.41	\$ 61.70
Total investment return (b)	26.14%	(18.19)%	28.55%	18.24%	31.25%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	1.57%	1.45%	1.28%	1.61%	1.80%
Net expenses (c)	0.12%	0.12%	0.12%	0.13%	0.16%
Expenses (before waiver/reimbursement) (c)	0.19%	0.19%	0.18%	0.20%	0.19%
Portfolio turnover rate	2%	2%	3%	2%	7%
Net assets at end of year (in 000's)	\$ 1,592,465	\$ 1,271,411	\$ 1,745,640	\$ 1,749,834	\$ 1,123,943

(a) Per share data based on average shares outstanding during the year.

(b) Total return does not reflect any deduction of sales charges, mortality and expense charges, contract charges or administrative charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Portfolio bears directly, it also indirectly bears a pro-rata share of the fees and expenses of the underlying funds in which it invests. Such indirect expenses are not included in the above expense ratios.

Service Class	Year Ended December 31,				
	2023	2022	2021	2020	2019
Net asset value at beginning of year	\$ 69.01	\$ 88.87	\$ 70.76	\$ 61.19	\$ 47.74
Net investment income (loss) (a)	1.02	0.92	0.83	0.83	0.86
Net realized and unrealized gain (loss)	16.59	(17.43)	18.99	10.03	13.77
Total from investment operations	17.61	(16.51)	19.82	10.86	14.63
Less distributions:					
From net investment income	(0.92)	(0.91)	(0.85)	(0.78)	(0.88)
From net realized gain on investments	(1.22)	(2.44)	(0.86)	(0.51)	(0.30)
Total distributions	(2.14)	(3.35)	(1.71)	(1.29)	(1.18)
Net asset value at end of year	\$ 84.48	\$ 69.01	\$ 88.87	\$ 70.76	\$ 61.19
Total investment return (b)	25.83%	(18.40)%	28.23%	17.95%	30.92%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	1.32%	1.21%	1.03%	1.37%	1.54%
Net expenses (c)	0.37%	0.37%	0.37%	0.38%	0.41%
Expenses (before waiver/reimbursement) (c)	0.44%	0.44%	0.43%	0.45%	0.44%
Portfolio turnover rate	2%	2%	3%	2%	7%
Net assets at end of year (in 000's)	\$ 2,197,315	\$ 1,731,310	\$ 2,066,943	\$ 1,620,242	\$ 1,341,639

(a) Per share data based on average shares outstanding during the year.

(b) Total return does not reflect any deduction of sales charges, mortality and expense charges, contract charges or administrative charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Portfolio bears directly, it also indirectly bears a pro-rata share of the fees and expenses of the underlying funds in which it invests. Such indirect expenses are not included in the above expense ratios.

Notes to Financial Statements

Note 1—Organization and Business

MainStay VP Funds Trust (the "Fund") was organized as a Delaware statutory trust on February 1, 2011. The Fund is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company. The Fund is comprised of thirty-one separate series (collectively referred to as the "Portfolios"). These financial statements and notes relate to the MainStay VP S&P 500 Index Portfolio (the "Portfolio"), a "diversified" portfolio, as that term is defined in the 1940 Act, as interpreted or modified by regulatory authorities having jurisdiction, from time to time.

Shares of the Portfolio are currently offered to certain separate accounts to fund variable annuity policies and variable universal life insurance policies issued by New York Life Insurance and Annuity Corporation ("NYLIAC"), a wholly-owned subsidiary of New York Life Insurance Company ("New York Life") and may also be offered to fund variable annuity policies and variable universal life insurance policies issued by other insurance companies. NYLIAC allocates shares of the Portfolio to, among others, certain NYLIAC separate accounts. Shares of the Portfolio are also offered to the MainStay VP Conservative Allocation Portfolio, MainStay VP Moderate Allocation Portfolio, MainStay VP Growth Allocation Portfolio and MainStay VP Equity Allocation Portfolio, which operate as "funds-of-funds," and other variable insurance funds.

The following table lists the Portfolio's share classes that have been registered and commenced operations:

Class	Commenced Operations
Initial Class	January 29, 1993
Service Class	June 5, 2003

Shares of the Portfolio are offered and are redeemed at a price equal to their respective net asset value ("NAV") per share. No sales or redemption charge is applicable to the purchase or redemption of the Portfolio's shares. Under the terms of the Fund's multiple class plan, adopted pursuant to Rule 18f-3 under the 1940 Act, the classes differ in that, among other things, Service Class shares of the Portfolio pay a combined distribution and service fee of 0.25% of average daily net assets attributable to Service Class shares of the Portfolio to the Distributor (as defined in Note 3(B)) pursuant to a plan adopted in accordance with Rule 12b-1 under the 1940 Act. Contract owners of variable annuity contracts purchased after June 2, 2003, are permitted to invest only in the Service Class shares.

The Portfolio's investment objective is to seek investment results that correspond to the total return performance (reflecting reinvestment of dividends) of common stocks in the aggregate, as represented by the S&P 500[®] Index.

Note 2—Significant Accounting Policies

The Portfolio is an investment company and accordingly follows the investment company accounting and reporting guidance of the Financial Accounting Standards Board ("FASB") Accounting Standards Codification

Topic 946 Financial Services—Investment Companies. The Portfolio prepares its financial statements in accordance with generally accepted accounting principles ("GAAP") in the United States of America and follows the significant accounting policies described below.

(A) Securities Valuation. Investments are usually valued as of the close of regular trading on the New York Stock Exchange (the "Exchange") (usually 4:00 p.m. Eastern time) on each day the Portfolio is open for business ("valuation date").

Pursuant to Rule 2a-5 under the 1940 Act, the Board of Trustees of the Fund (the "Board") has designated New York Life Investment Management LLC ("New York Life Investments" or the "Manager") as its Valuation Designee (the "Valuation Designee"). The Valuation Designee is responsible for performing fair valuations relating to all investments in the Portfolio's portfolio for which market quotations are not readily available; periodically assessing and managing material valuation risks; establishing and applying fair value methodologies; testing fair valuation methodologies; evaluating and overseeing pricing services; ensuring appropriate segregation of valuation and portfolio management functions; providing quarterly, annual and prompt reporting to the Board, as appropriate; identifying potential conflicts of interest; and maintaining appropriate records. The Valuation Designee has established a valuation committee ("Valuation Committee") to assist in carrying out the Valuation Designee's responsibilities and establish prices of securities for which market quotations are not readily available. The Portfolio's and the Valuation Designee's policies and procedures ("Valuation Procedures") govern the Valuation Designee's selection and application of methodologies for determining and calculating the fair value of Portfolio investments. The Valuation Designee may value the Portfolio's portfolio securities for which market quotations are not readily available and other Portfolio assets utilizing inputs from pricing services and other third-party sources. The Valuation Committee meets (in person, via electronic mail or via teleconference) on an ad-hoc basis to determine fair valuations and on a quarterly basis to review fair value events with respect to certain securities for which market quotations are not readily available, including valuation risks and back-testing results, and to preview reports to the Board.

The Valuation Committee establishes prices of securities for which market quotations are not readily available based on such methodologies and measurements on a regular basis after considering information that is reasonably available and deemed relevant by the Valuation Committee. The Board shall oversee the Valuation Designee and review fair valuation materials on a prompt, quarterly and annual basis and approve proposed revisions to the Valuation Procedures.

Investments for which market quotations are not readily available are valued at fair value as determined in good faith pursuant to the Valuation Procedures. A market quotation is readily available only when that quotation is a quoted price (unadjusted) in active markets for identical investments that the Portfolio can access at the measurement date, provided that a quotation will not be readily available if it is not reliable. "Fair value" is defined as the price the Portfolio would reasonably expect

Notes to Financial Statements (continued)

to receive upon selling an asset or liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the asset or liability. Fair value measurements are determined within a framework that establishes a three-tier hierarchy that maximizes the use of observable market data and minimizes the use of unobservable inputs to establish a classification of fair value measurements for disclosure purposes. "Inputs" refer broadly to the assumptions that market participants would use in pricing the asset or liability, including assumptions about risk, such as the risk inherent in a particular valuation technique used to measure fair value using a pricing model and/or the risk inherent in the inputs for the valuation technique. Inputs may be observable or unobservable. Observable inputs reflect the assumptions market participants would use in pricing the asset or liability based on market data obtained from sources independent of the Portfolio. Unobservable inputs reflect the Portfolio's own assumptions about the assumptions market participants would use in pricing the asset or liability based on the information available. The inputs or methodology used for valuing assets or liabilities may not be an indication of the risks associated with investing in those assets or liabilities. The three-tier hierarchy of inputs is summarized below.

- Level 1—quoted prices (unadjusted) in active markets for an identical asset or liability
- Level 2—other significant observable inputs (including quoted prices for a similar asset or liability in active markets, interest rates and yield curves, prepayment speeds, credit risk, etc.)
- Level 3—significant unobservable inputs (including the Portfolio's own assumptions about the assumptions that market participants would use in measuring fair value of an asset or liability)

The level of an asset or liability within the fair value hierarchy is based on the lowest level of an input, both individually and in the aggregate, that is significant to the fair value measurement. The aggregate value by input level of the Portfolio's assets and liabilities as of December 31, 2023, is included at the end of the Portfolio of Investments.

The Portfolio may use third-party vendor evaluations, whose prices may be derived from one or more of the following standard inputs, among others:

• Broker/dealer quotes	• Benchmark securities
• Two-sided markets	• Reference data (corporate actions or material event notices)
• Bids/offers	• Monthly payment information
• Industry and economic events	• Reported trades

An asset or liability for which a market quotation is not readily available is valued by methods deemed reasonable in good faith by the Valuation Committee, following the Valuation Procedures to represent fair value. Under these procedures, the Valuation Designee generally uses a market-based approach which may use related or comparable assets or liabilities, recent transactions, market multiples, book values and other relevant information. The Valuation Designee may also use an

income-based valuation approach in which the anticipated future cash flows of the asset or liability are discounted to calculate fair value. Discounts may also be applied due to the nature and/or duration of any restrictions on the disposition of the asset or liability. Fair value represents a good faith approximation of the value of a security. Fair value determinations involve the consideration of a number of subjective factors, an analysis of applicable facts and circumstances and the exercise of judgment. As a result, it is possible that the fair value for a security determined in good faith in accordance with the Valuation Procedures may differ from valuations for the same security determined for other funds using their own valuation procedures. Although the Valuation Procedures are designed to value a security at the price the Portfolio may reasonably expect to receive upon the security's sale in an orderly transaction, there can be no assurance that any fair value determination thereunder would, in fact, approximate the amount that the Portfolio would actually realize upon the sale of the security or the price at which the security would trade if a reliable market price were readily available. During the year ended December 31, 2023, there were no material changes to the fair value methodologies.

Securities which may be valued in this manner include, but are not limited to: (i) a security for which trading has been halted or suspended or otherwise does not have a readily available market quotation on a given day; (ii) a debt security that has recently gone into default and for which there is not a current market quotation; (iii) a security of an issuer that has entered into a restructuring; (iv) a security that has been delisted from a national exchange; (v) a security subject to trading collars for which no or limited trading takes place; and (vi) a security whose principal market has been temporarily closed at a time when, under normal conditions, it would be open. Securities valued in this manner are generally categorized as Level 2 or 3 in the hierarchy.

Equity securities, rights and warrants, if applicable, are valued at the last quoted sales prices as of the close of regular trading on the relevant exchange on each valuation date. Securities that are not traded on the valuation date are valued at the mean of the last quoted bid and ask prices. Prices are normally taken from the principal market in which each security trades. These securities are generally categorized as Level 1 in the hierarchy.

Investments in mutual funds, including money market funds, are valued at their respective NAVs at the close of business each day on the valuation date. These securities are generally categorized as Level 1 in the hierarchy.

Futures contracts are valued at the last posted settlement price on the market where such futures are primarily traded. These securities are generally categorized as Level 1 in the hierarchy.

Debt securities (other than convertible and municipal bonds) are valued at the evaluated bid prices (evaluated mean prices in the case of convertible and municipal bonds) supplied by a pricing agent or broker selected by the Valuation Designee, in consultation with the Subadvisor. The evaluations are market-based measurements processed through a pricing application and represents the pricing agent's good faith determination as

to what a holder may receive in an orderly transaction under market conditions. The rules-based logic utilizes valuation techniques that reflect participants' assumptions and vary by asset class and per methodology, maximizing the use of relevant observable data including quoted prices for similar assets, benchmark yield curves and market corroborated inputs. The evaluated bid or mean prices are deemed by the Valuation Designee, in consultation with the Subadvisor, to be representative of market values at the regular close of trading of the Exchange on each valuation date. Debt securities purchased on a delayed delivery basis are marked to market daily until settlement at the forward settlement date. Debt securities, including corporate bonds, U.S. government and federal agency bonds, municipal bonds, foreign bonds, convertible bonds, asset-backed securities and mortgage-backed securities are generally categorized as Level 2 in the hierarchy.

Temporary cash investments acquired in excess of 60 days to maturity at the time of purchase are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities and ratings), both as furnished by independent pricing services. Temporary cash investments that mature in 60 days or less at the time of purchase ("Short-Term Investments") are valued using the amortized cost method of valuation, unless the use of such method would be inappropriate. The amortized cost method involves valuing a security at its cost on the date of purchase and thereafter assuming a constant amortization to maturity of the difference between such cost and the value on maturity date. Amortized cost approximates the current fair value of a security. Securities valued using the amortized cost method are not valued using quoted prices in an active market and are generally categorized as Level 2 in the hierarchy.

The information above is not intended to reflect an exhaustive list of the methodologies that may be used to value portfolio investments. The Valuation Procedures permit the use of a variety of valuation methodologies in connection with valuing portfolio investments. The methodology used for a specific type of investment may vary based on the market data available or other considerations. The methodologies summarized above may not represent the specific means by which portfolio investments are valued on any particular business day.

A portfolio investment may be classified as an illiquid investment under the Portfolio's written liquidity risk management program and related procedures ("Liquidity Program"). Illiquidity of an investment might prevent the sale of such investment at a time when the Manager or the Subadvisor might wish to sell, and these investments could have the effect of decreasing the overall level of the Portfolio's liquidity. Further, the lack of an established secondary market may make it more difficult to value illiquid investments, requiring the Portfolio to rely on judgments that may be somewhat subjective in measuring value, which could vary materially from the amount that the Portfolio could realize upon disposition. Difficulty in selling illiquid investments may result in a loss or may be costly to the Portfolio. An illiquid investment is any investment that the Manager or Subadvisor reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of

the investment. The liquidity classification of each investment will be made using information obtained after reasonable inquiry and taking into account, among other things, relevant market, trading and investment-specific considerations in accordance with the Liquidity Program. Illiquid investments are often fair valued in accordance with the Portfolio's procedures described above. The liquidity of the Portfolio's investments was determined as of December 31, 2023, and can change at any time.

(B) Income Taxes. The Portfolio's policy is to comply with the requirements of the Internal Revenue Code of 1986, as amended (the "Internal Revenue Code"), applicable to regulated investment companies and to distribute all of its taxable income to the shareholders of the Portfolio within the allowable time limits.

The Manager evaluates the Portfolio's tax positions to determine if the tax positions taken meet the minimum recognition threshold in connection with accounting for uncertainties in income tax positions taken or expected to be taken for the purposes of measuring and recognizing tax liabilities in the financial statements. Recognition of tax benefits of an uncertain tax position is permitted only to the extent the position is "more likely than not" to be sustained assuming examination by taxing authorities. The Manager analyzed the Portfolio's tax positions taken on federal, state and local income tax returns for all open tax years (for up to three tax years) and has concluded that no provisions for federal, state and local income tax are required in the Portfolio's financial statements. The Portfolio's federal, state and local income tax and federal excise tax returns for tax years for which the applicable statutes of limitations have not expired are subject to examination by the Internal Revenue Service and state and local departments of revenue.

(C) Dividends and Distributions to Shareholders. Dividends and distributions are recorded on the ex-dividend date. The Portfolio intends to declare and pay dividends from net investment income and distributions from net realized capital and currency gains, if any, at least annually. All dividends and distributions are reinvested at NAV in the same class of shares of the Portfolio. Dividends and distributions to shareholders are determined in accordance with federal income tax regulations and may differ from determinations using GAAP.

(D) Security Transactions and Investment Income. The Portfolio records security transactions on the trade date. Realized gains and losses on security transactions are determined using the identified cost method. Dividend income is recognized on the ex-dividend date, net of any foreign tax withheld at the source, and interest income is accrued as earned using the effective interest rate method. Distributions received from real estate investment trusts may be classified as dividends, capital gains and/or return of capital.

Investment income and realized and unrealized gains and losses on investments of the Portfolio are allocated pro rata to the separate classes of shares based upon their relative net assets on the date the income is earned or realized and unrealized gains and losses are incurred.

Notes to Financial Statements (continued)

(E) Expenses. Expenses of the Fund are allocated to the individual Portfolios in proportion to the net assets of the respective Portfolios when the expenses are incurred, except where direct allocations of expenses can be made. Expenses (other than fees incurred under the distribution and service plans, further discussed in Note 3(B), which are charged directly to the Service Class shares) are allocated to separate classes of shares pro rata based upon their relative net assets on the date the expenses are incurred. The expenses borne by the Portfolio, including those of related parties to the Portfolio, are shown in the Statement of Operations.

Additionally, the Portfolio may invest in mutual funds, which are subject to management fees and other fees that may cause the costs of investing in mutual funds to be greater than the costs of owning the underlying securities directly. These indirect expenses of mutual funds are not included in the amounts shown as expenses in the Statement of Operations or in the expense ratios included in the Financial Highlights.

(F) Use of Estimates. In preparing financial statements in conformity with GAAP, the Manager makes estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates and assumptions.

(G) Futures Contracts. A futures contract is an agreement to purchase or sell a specified quantity of an underlying instrument at a specified future date and price, or to make or receive a cash payment based on the value of a financial instrument (e.g., foreign currency, interest rate, security or securities index). The Portfolio is subject to risks such as market price risk, leverage risk, liquidity risk, counterparty risk, operational risk, legal risk and/or interest rate risk in the normal course of investing in these contracts. Upon entering into a futures contract, the Portfolio is required to pledge to the broker or futures commission merchant an amount of cash and/or U.S. government securities equal to a certain percentage of the collateral amount, known as the "initial margin." During the period the futures contract is open, changes in the value of the contract are recognized as unrealized appreciation or depreciation by marking to market such contract on a daily basis to reflect the market value of the contract at the end of each day's trading. The Portfolio agrees to receive from or pay to the broker or futures commission merchant an amount of cash equal to the daily fluctuation in the value of the contract. Such receipts or payments are known as "variation margin." When the futures contract is closed, the Portfolio records a realized gain or loss equal to the difference between the proceeds from (or cost of) the closing transaction and the Portfolio's basis in the contract.

The use of futures contracts involves, to varying degrees, elements of market risk in excess of the amount recognized in the Statement of Assets and Liabilities. The contract or notional amounts and variation margin reflect the extent of the Portfolio's involvement in open futures positions. There are several risks associated with the use of futures contracts as hedging techniques. There can be no assurance that a liquid market will exist at the time when the Portfolio seeks to close out a futures contract. If no liquid market exists, the Portfolio would remain

obligated to meet margin requirements until the position is closed. Futures contracts may involve a small initial investment relative to the risk assumed, which could result in losses greater than if the Portfolio did not invest in futures contracts. Futures contracts may be more volatile than direct investments in the instrument underlying the futures and may not correlate to the underlying instrument, causing a given hedge not to achieve its objectives. The Portfolio's activities in futures contracts have minimal counterparty risk as they are conducted through regulated exchanges that guarantee the futures against default by the counterparty. In the event of a bankruptcy or insolvency of a futures commission merchant that holds margin on behalf of the Portfolio, the Portfolio may not be entitled to the return of the entire margin owed to the Portfolio, potentially resulting in a loss. The Portfolio may invest in futures contracts to seek enhanced returns or to reduce the risk of loss by hedging certain of its holdings. The Portfolio's investment in futures contracts and other derivatives may increase the volatility of the Portfolio's NAVs and may result in a loss to the Portfolio.

(H) Foreign Currency Transactions. The Portfolio's books and records are maintained in U.S. dollars. Prices of securities denominated in foreign currency amounts are translated into U.S. dollars at the mean between the buying and selling rates last quoted by any major U.S. bank at the following dates:

- (i) market value of investment securities, other assets and liabilities—at the valuation date; and
- (ii) purchases and sales of investment securities, income and expenses—at the date of such transactions.

The assets and liabilities that are denominated in foreign currency amounts are presented at the exchange rates and market values at the close of the period. The realized and unrealized changes in net assets arising from fluctuations in exchange rates and market prices of securities are not separately presented.

Net realized gain (loss) on foreign currency transactions represents net currency gains or losses realized as a result of differences between the amounts of securities sale proceeds or purchase cost, dividends, interest and withholding taxes as recorded on the Portfolio's books, and the U.S. dollar equivalent amount actually received or paid. Net currency gains or losses from valuing such foreign currency denominated assets and liabilities, other than investments at valuation date exchange rates, are reflected in unrealized foreign exchange gains or losses.

(I) Securities Lending. In order to realize additional income, the Portfolio may engage in securities lending, subject to the limitations set forth in the 1940 Act and relevant guidance by the staff of the Securities and Exchange Commission ("SEC"). If the Portfolio engages in securities lending, the Portfolio will lend through its custodian, JPMorgan Chase Bank, N.A., ("JPMorgan"), acting as securities lending agent on behalf of the Portfolio. Under the current arrangement, JPMorgan will manage the Portfolio's collateral in accordance with the securities lending agency agreement between the Portfolio and JPMorgan, and indemnify the Portfolio against counterparty risk. The loans will be collateralized by cash

(which may be invested in a money market fund) and/or non-cash collateral (which may include U.S. Treasury securities and/or U.S. government agency securities issued or guaranteed by the United States government or its agencies or instrumentalities) at least equal at all times to the market value of the securities loaned. Non-cash collateral held at year end is segregated and cannot be transferred by the Portfolio. The Portfolio bears the risk of delay in recovery of, or loss of rights in, the securities loaned. The Portfolio may also record a realized gain or loss on securities deemed sold due to a borrower's inability to return securities on loan. The Portfolio bears the risk of any loss on investment of cash collateral. The Portfolio will receive compensation for lending its securities in the form of fees or it will retain a portion of interest earned on the investment of any cash collateral. The Portfolio will also continue to receive interest and dividends on the securities loaned and any gain or loss in the market price of the securities loaned that may occur during the term of the loan will be for the account of the Portfolio. Income earned from securities lending activities, if any, is reflected in the Statement of Operations.

(J) Rights and Warrants. Rights are certificates that permit the holder to purchase a certain number of shares, or a fractional share, of a new stock from the issuer at a specific price. Warrants are instruments that entitle the holder to buy an equity security at a specific price for a specific period of time. These investments can provide a greater potential for profit or loss than an equivalent investment in the underlying security. Prices of these investments do not necessarily move in tandem with the prices of the underlying securities.

There is risk involved in the purchase of rights and warrants in that these investments are speculative investments. The Portfolio could also lose the entire value of its investment in warrants if such warrants are not exercised by the date of its expiration. The Portfolio is exposed to risk until the sale or exercise of each right or warrant is completed.

(K) Securities Risk. The ability of issuers of debt securities held by the Portfolio to meet their obligations may be affected by, among other things, economic or political developments in a specific country, industry or region. Debt securities are also subject to the risks associated with changes in interest rates.

(L) Indemnifications. Under the Fund's organizational documents, its officers and trustees are indemnified against certain liabilities that may arise out of performance of their duties to the Fund. Additionally, in the normal course of business, the Portfolio enters into contracts with third-party service providers that contain a variety of representations and warranties and that may provide general indemnifications. The Portfolio's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the Portfolio that have not yet occurred. The Manager believes that the risk of loss in connection with these potential indemnification obligations is remote. However, there can be no assurance that material liabilities related to such obligations will not arise in the future, which could adversely impact the Portfolio.

(M) Quantitative Disclosure of Derivative Holdings. The following tables show additional disclosures related to the Portfolio's derivative and hedging activities, including how such activities are accounted for and their effect on the Portfolio's financial positions, performance and cash flows.

The Portfolio entered into futures contracts to manage its exposure to the securities markets or to movements in interest rates and currency values.

Fair value of derivative instruments as of December 31, 2023:

Asset Derivatives	Equity Contracts Risk	Total
Futures Contracts - Net Assets—Net unrealized appreciation on futures contracts (a)	\$778,190	\$778,190
Total Fair Value	\$778,190	\$778,190

(a) Includes cumulative appreciation (depreciation) of futures contracts as reported in the Portfolio of Investments. Only current day's variation margin is reported within the Statement of Assets and Liabilities.

The effect of derivative instruments on the Statement of Operations for the year ended December 31, 2023:

Net Realized Gain (Loss) from:	Equity Contracts Risk	Total
Futures Transactions	\$3,231,501	\$3,231,501
Total Net Realized Gain (Loss)	\$3,231,501	\$3,231,501

Net Change in Unrealized Appreciation (Depreciation)	Equity Contracts Risk	Total
Futures Contracts	\$1,592,915	\$1,592,915
Total Net Change in Unrealized Appreciation (Depreciation)	\$1,592,915	\$1,592,915

Average Notional Amount	Total
Futures Contracts Long	\$38,818,693

Note 3—Fees and Related Party Transactions

(A) Manager and Subadvisor. New York Life Investments, a registered investment adviser and an indirect, wholly-owned subsidiary of New York Life, serves as the Portfolio's Manager, pursuant to an Amended and Restated Management Agreement ("Management Agreement"). The Manager provides offices, conducts clerical, recordkeeping and bookkeeping services and keeps most of the financial and accounting records required to be maintained by the Portfolio. Except for the portion of salaries and expenses that are the responsibility of the Portfolio, the Manager pays the salaries and expenses of all personnel affiliated with the Portfolio and certain operational expenses of the Portfolio. The Portfolio reimburses New York Life Investments in an amount equal to the portion of the compensation of the Chief Compliance Officer attributable

Notes to Financial Statements (continued)

to the Portfolio. IndexIQ Advisors LLC ("IndexIQ" or the "Subadvisor"), a registered investment adviser and an affiliate of New York Life Investments, is responsible for the day-to-day portfolio management of the Portfolio. Pursuant to the terms of an Amended and Restated Subadvisory Agreement between New York Life Investments and IndexIQ, New York Life Investments pays for the services of the Subadvisor.

Pursuant to the Management Agreement, the Fund pays the Manager, on behalf of the Portfolio, a monthly fee for the services performed and the facilities furnished at an annual rate of the Portfolio's average daily net assets as follows: 0.16% up to \$2.5 billion; and 0.15% in excess of \$2.5 billion. During the year ended December 31, 2023, the effective management fee rate was 0.16% (exclusive of any applicable waivers/reimbursements) of the Portfolio's average daily net assets.

New York Life Investments has contractually agreed to waive fees and/or reimburse expenses so that the Total Annual Portfolio Operating Expenses (excluding taxes, interest, litigation, extraordinary expenses, brokerage and other transaction expenses relating to the purchase or sale of portfolio investments, and acquired (underlying) portfolio/fund fees and expenses) of Initial Class shares and Service Class shares do not exceed 0.12% and 0.37%, respectively, of the Portfolio's average daily net assets. This agreement will remain in effect until May 1, 2024, and shall renew automatically for one-year terms unless New York Life Investments provides written notice of termination prior to the start of the next term or upon approval of the Board.

During the year ended December 31, 2023, New York Life Investments earned fees from the Portfolio in the amount of \$5,302,180 and waived fees and/or reimbursed expenses in the amount of \$2,220,095 and paid the Subadvisor fees in the amount of \$1,541,043.

JPMorgan provides sub-administration and sub-accounting services to the Portfolio pursuant to an agreement with New York Life Investments. These services include calculating the daily NAVs of the Portfolio, maintaining the general ledger and sub-ledger accounts for the calculation of the Portfolio's NAVs, and assisting New York Life Investments in conducting various aspects of the Portfolio's administrative operations. For providing these services to the Portfolio, JPMorgan is compensated by New York Life Investments.

Pursuant to an agreement between the Fund and New York Life Investments, New York Life Investments is responsible for providing or procuring certain regulatory reporting services for the Portfolio. The Portfolio will reimburse New York Life Investments for the actual costs incurred by New York Life Investments in connection with providing or procuring these services for the Portfolio.

(B) Distribution and Service Fees. The Fund, on behalf of the Portfolio, has entered into a distribution agreement with NYLIFE Distributors LLC (the "Distributor"), an affiliate of New York Life Investments. The Portfolio has adopted a distribution plan (the "Plan") in accordance with the provisions of Rule 12b-1 under the 1940 Act. Under the Plan, the Distributor has agreed to provide, through its affiliates or independent third parties, various distribution-related, shareholder and

administrative support services to the Service Class shareholders. For its services, the Distributor is entitled to a combined distribution and service fee accrued daily and paid monthly at an annual rate of 0.25% of the average daily net assets attributable to the Service Class shares of the Portfolio.

Note 4-Federal Income Tax

As of December 31, 2023, the cost and unrealized appreciation (depreciation) of the Portfolio's investment portfolio, including applicable derivative contracts and other financial instruments, as determined on a federal income tax basis, were as follows:

	Federal Tax Cost	Gross Unrealized Appreciation	Gross Unrealized (Depreciation)	Net Unrealized Appreciation/ (Depreciation)
Investments in Securities	\$1,121,798,727	\$2,696,120,905	\$(30,513,031)	\$2,665,607,874

As of December 31, 2023, the components of accumulated gain (loss) on a tax basis were as follows:

Ordinary Income	Accumulated Capital and Other Gain (Loss)	Other Temporary Differences	Unrealized Appreciation (Depreciation)	Total Accumulated Gain (Loss)
\$49,970,336	\$12,123,728	\$286,473	\$2,665,607,874	\$2,727,988,411

The difference between book-basis and tax-basis unrealized appreciation (depreciation) is primarily due to wash sale adjustments and mark to market of futures contracts.

The following table discloses the current year reclassifications between total distributable earnings (loss) and additional paid-in capital arising from permanent differences; net assets as of December 31, 2023 were not affected.

Total Distributable Earnings (Loss)	Additional Paid-In Capital
\$(17,341)	\$17,341

The reclassifications for the Portfolio are primarily due to Real Estate Investment Trust ("REIT") adjustments.

During the years ended December 31, 2023 and December 31, 2022, the tax character of distributions paid as reflected in the Statements of Changes in Net Assets was as follows:

	2023	2022
Distributions paid from:		
Ordinary Income	\$43,318,899	\$ 88,524,568
Long-Term Capital Gains	52,897,617	53,199,954
Total	\$96,216,516	\$141,724,522

Note 5—Custodian

JPMorgan is the custodian of cash and securities held by the Portfolio. Custodial fees are charged to the Portfolio based on the Portfolio's net assets and/or the market value of securities held by the Portfolio and the number of certain transactions incurred by the Portfolio.

Note 6—Line of Credit

The Portfolio and certain other funds managed by New York Life Investments maintain a line of credit with a syndicate of banks in order to secure a source of funds for temporary purposes to meet unanticipated or excessive redemption requests.

Effective July 25, 2023, under the credit agreement (the "Credit Agreement"), the aggregate commitment amount is \$600,000,000 with an additional uncommitted amount of \$100,000,000. The commitment fee is an annual rate of 0.15% of the average commitment amount payable quarterly, regardless of usage, to JPMorgan, who serves as the agent to the syndicate. The commitment fee is allocated among the Portfolio and certain other funds managed by New York Life Investments based upon their respective net assets and other factors. Interest on any revolving credit loan is charged based upon the Federal Funds Rate, Daily Simple Secured Overnight Financing Rate ("SOFR") + 0.10%, or the Overnight Bank Funding Rate, whichever is higher. The Credit Agreement expires on July 23, 2024, although the Portfolio, certain other funds managed by New York Life Investments and the syndicate of banks may renew the Credit Agreement for an additional year on the same or different terms or enter into a credit agreement with a different syndicate of banks. Prior to July 25, 2023, the aggregate commitment amount and the commitment fee were the same as those under the current Credit Agreement. During the year ended December 31, 2023, there were no borrowings made or outstanding with respect to the Portfolio under the Credit Agreement.

Note 7—Interfund Lending Program

Pursuant to an exemptive order issued by the SEC, the Portfolio, along with certain other funds managed by New York Life Investments, may participate in an interfund lending program. The interfund lending program provides an alternative credit facility that permits the Portfolio and certain other funds managed by New York Life Investments to lend or borrow money for temporary purposes directly to or from one another, subject to the conditions of the exemptive order. During the year ended December 31, 2023, there were no interfund loans made or outstanding with respect to the Portfolio.

Note 8—Purchases and Sales of Securities (in 000's)

During the year ended December 31, 2023, purchases and sales of securities, other than short-term securities, were \$115,417 and \$64,095, respectively.

Note 9—Capital Share Transactions

Transactions in capital shares for the years ended December 31, 2023 and December 31, 2022, were as follows:

Initial Class	Shares	Amount
Year ended December 31, 2023:		
Shares sold	1,090,498	\$ 88,147,557
Shares issued to shareholders in reinvestment of distributions	546,877	42,435,488
Shares redeemed	(1,224,341)	(95,637,216)
Net increase (decrease)	413,034	\$ 34,945,829
Year ended December 31, 2022:		
Shares sold	460,168	\$ 34,910,174
Shares issued to shareholders in reinvestment of distributions	934,676	62,047,386
Shares redeemed	(2,599,133)	(206,953,691)
Net increase (decrease)	(1,204,289)	\$(109,996,131)

Service Class	Shares	Amount
Year ended December 31, 2023:		
Shares sold	3,417,303	\$ 264,671,535
Shares issued to shareholders in reinvestment of distributions	699,951	53,781,028
Shares redeemed	(3,196,047)	(246,798,318)
Net increase (decrease)	921,207	\$ 71,654,245
Year ended December 31, 2022:		
Shares sold	3,369,175	\$ 256,381,937
Shares issued to shareholders in reinvestment of distributions	1,211,573	79,677,136
Shares redeemed	(2,748,435)	(210,679,983)
Net increase (decrease)	1,832,313	\$ 125,379,090

Note 10—Other Matters

As of the date of this report, the Portfolio faces a heightened level of risk associated with current uncertainty, volatility and state of economies, financial markets, rising interest rates, and labor and health conditions around the world. Events such as war, acts of terrorism, recessions, rapid inflation, the imposition of international sanctions, earthquakes, hurricanes, epidemics and pandemics and other unforeseen natural or human disasters may have broad adverse social, political and economic effects on the global economy, which could negatively impact the value of the Portfolio's investments. Developments that disrupt global economies and financial markets may magnify factors that affect the Portfolio's performance.

Note 11—Subsequent Events

In connection with the preparation of the financial statements of the Portfolio as of and for the year ended December 31, 2023, events and transactions subsequent to December 31, 2023, through the date the financial statements were issued, have been evaluated by the Manager

Notes to Financial Statements (continued)

for possible adjustment and/or disclosure. No subsequent events requiring financial statement adjustment or disclosure have been identified.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees of MainStay VP Funds Trust and Shareholders of MainStay VP S&P 500 Index Portfolio

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the portfolio of investments, of MainStay VP S&P 500 Index Portfolio (one of the portfolios constituting MainStay VP Funds Trust, referred to hereafter as the “Portfolio”) as of December 31, 2023, the related statement of operations for the year ended December 31, 2023, the statements of changes in net assets for each of the two years in the period ended December 31, 2023, including the related notes, and the financial highlights for each of the five years in the period ended December 31, 2023 (collectively referred to as the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Portfolio as of December 31, 2023, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended December 31, 2023 and the financial highlights for each of the five years in the period ended December 31, 2023 in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Portfolio’s management. Our responsibility is to express an opinion on the Portfolio’s 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 Portfolio 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, 2023 by correspondence with the custodian, transfer agents 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 opinion.

/s/PricewaterhouseCoopers LLP
New York, New York
February 26, 2024

We have served as the auditor of one or more investment companies in the MainStay group of funds since 1984.

Board Consideration and Approval of Management Agreement and Subadvisory Agreement (Unaudited)

The continuation of the Management Agreement with respect to the MainStay VP S&P 500 Index Portfolio (“Portfolio”) and New York Life Investment Management LLC (“New York Life Investments”) and the Subadvisory Agreement between New York Life Investments and IndexIQ Advisors LLC (“IndexIQ”) with respect to the Portfolio (together, “Advisory Agreements”) is subject to annual review and approval by the Board of Trustees of MainStay VP Funds Trust (“Board” of the “Trust”) in accordance with Section 15 of the Investment Company Act of 1940, as amended (“1940 Act”). At its December 6–7, 2023 meeting, the Board, including the Trustees who are not an “interested person” (as such term is defined in the 1940 Act) of the Trust (“Independent Trustees”) voting separately, unanimously approved the continuation of each of the Advisory Agreements for a one-year period.

In reaching the decision to approve the continuation of each of the Advisory Agreements, the Board considered information and materials furnished by New York Life Investments and IndexIQ in connection with an annual contract review process undertaken by the Board that took place at meetings of the Board and its Contracts Committee from September 2023 through December 2023, including information and materials furnished by New York Life Investments and IndexIQ in response to requests prepared on behalf of the Board, and in consultation with the Independent Trustees, by independent legal counsel to the Independent Trustees, which encompassed a variety of topics, including those summarized below. Information and materials requested by and furnished to the Board for consideration in connection with the contract review process included, among other items, reports on the Portfolio and “peer funds” prepared by Institutional Shareholder Services Inc. (“ISS”), an independent third-party service provider engaged by the Board to report objectively on the Portfolio’s investment performance, management fee and total expenses. The Board also considered information on the fees charged to other investment advisory clients of New York Life Investments and/or IndexIQ that follow investment strategies similar to those of the Portfolio, if any, and, when applicable, the rationale for differences in the Portfolio’s management and subadvisory fees and the fees charged to those other investment advisory clients. In addition, the Board considered information regarding the legal standards and fiduciary obligations applicable to its consideration of the continuation of each of the Advisory Agreements. The contract review process, including the structure and format for information and materials provided to the Board, has been developed in consultation with the Board. The Independent Trustees also met in executive sessions with their independent legal counsel and, for portions thereof, with senior management of New York Life Investments.

The Board’s deliberations with respect to the continuation of each of the Advisory Agreements reflect a year-long process, and the Board also took into account information furnished to the Board and its Committees throughout the year, as deemed relevant and appropriate by the Trustees, including, among other items, reports on investment performance of the Portfolio and investment-related matters for the Portfolio as well as presentations from New York Life Investments and, generally annually, IndexIQ personnel. In addition, the Board took into account other

information provided by New York Life Investments throughout the year, including, among other items, periodic reports on legal and compliance matters, risk management, portfolio turnover, brokerage commissions and non-advisory services provided to the Portfolio by New York Life Investments, as deemed relevant and appropriate by the Trustees.

In addition to information provided to the Board throughout the year, the Board received information in connection with its June 2023 meeting provided specifically in response to requests prepared on behalf of the Board, and in consultation with the Independent Trustees, by independent legal counsel to the Independent Trustees regarding the Portfolio’s distribution arrangements. In addition, the Board received information regarding the Portfolio’s asset levels, share purchase and redemption activity and the payment of Rule 12b-1 and/or certain other fees by the applicable share classes of the Portfolio, among other information.

In considering the continuation of each of the Advisory Agreements, the Trustees reviewed and evaluated the information and factors they believed to reasonably be necessary and appropriate in light of legal advice furnished to them by independent legal counsel to the Independent Trustees and through the exercise of their own business judgment. Although individual Trustees may have weighed certain factors or information differently and the Board did not consider any single factor or information controlling in reaching its decision, the factors that figured prominently in the Board’s consideration of the continuation of each of the Advisory Agreements are summarized in more detail below and include, among other factors: (i) the nature, extent and quality of the services provided to the Portfolio by New York Life Investments and IndexIQ; (ii) the qualifications of the portfolio managers of the Portfolio and the historical investment performance of the Portfolio, New York Life Investments and IndexIQ; (iii) the costs of the services provided, and profits realized, by New York Life Investments and IndexIQ with respect to their relationships with the Portfolio; (iv) the extent to which economies of scale have been realized or may be realized if the Portfolio grows and the extent to which any economies of scale have been shared, have benefited or may benefit the Portfolio’s shareholders; and (v) the reasonableness of the Portfolio’s management and subadvisory fees and total ordinary operating expenses. Although the Board recognized that comparisons between the Portfolio’s fees and expenses and those of other funds are imprecise given different terms of agreements, variations in fund strategies and other factors, the Board considered the reasonableness of the Portfolio’s management fee and total ordinary operating expenses as compared to the peer funds identified by ISS. Throughout their considerations, the Trustees acknowledged the commitment of New York Life Investments and its affiliates to serve the MainStay Group of Funds, as well as their capacity, experience, resources, financial stability and reputations. The Trustees also acknowledged the entrepreneurial and other risks assumed by New York Life Investments in sponsoring and managing the Portfolio. With respect to the Subadvisory Agreement, the Board took into account New York Life Investments’ recommendation to approve the continuation of the Subadvisory Agreement.

The Trustees noted that, throughout the year, the Trustees are afforded an opportunity to ask questions of, and request additional information or materials from, New York Life Investments and IndexIQ. The Board's decision with respect to each of the Advisory Agreements may have also been based, in part, on the Board's knowledge of New York Life Investments and IndexIQ resulting from, among other things, the Board's consideration of each of the Advisory Agreements in prior years, the advisory agreements for other funds in the MainStay Group of Funds, the Board's review throughout the year of the performance and operations of other funds in the MainStay Group of Funds and each Trustee's business judgment and industry experience. In addition to considering the above-referenced factors, the Board observed that in the marketplace, notably under variable life insurance policies and variable annuity contracts for which the Portfolio serves as an investment option, there are a range of investment options available to investors and that the Portfolio's shareholders, having had the opportunity to consider other investment options, have invested in the Portfolio.

The factors that figured prominently in the Board's decision to approve the continuation of each of the Advisory Agreements during the Board's December 6–7, 2023 meeting are summarized in more detail below.

Nature, Extent and Quality of Services Provided by New York Life Investments and IndexIQ

The Board examined the nature, extent and quality of the services that New York Life Investments provides to the Portfolio. The Board evaluated New York Life Investments' experience and capabilities in serving as manager of the Portfolio and considered that the Portfolio operates in a "manager-of-managers" structure. The Board also considered New York Life Investments' responsibilities and services provided pursuant to this structure, including overseeing the services provided by IndexIQ, evaluating the performance of IndexIQ, making recommendations to the Board as to whether the Subadvisory Agreement should be renewed, modified or terminated and periodically reporting to the Board regarding the results of New York Life Investments' evaluation and monitoring functions. The Board noted that New York Life Investments manages other mutual funds, serves a variety of other investment advisory clients, including other pooled investment vehicles, and has experience overseeing mutual fund service providers, including subadvisors. The Board considered the experience of senior personnel at New York Life Investments providing management and administrative and other non-advisory services to the Portfolio. The Board observed that New York Life Investments devotes significant resources and time to providing management and administrative and other non-advisory services to the Portfolio, including New York Life Investments' oversight and due diligence reviews of IndexIQ and ongoing analysis of, and interactions with, IndexIQ with respect to, among other things, the Portfolio's investment performance and risks as well as IndexIQ's investment capabilities and subadvisory services with respect to the Portfolio.

The Board also considered the range of services that New York Life Investments provides to the Portfolio under the terms of the Management Agreement, including: (i) fund accounting and ongoing supervisory

services provided by New York Life Investments' Fund Administration and Accounting Group; (ii) investment supervisory and analytical services provided by New York Life Investments' Investment Consulting Group; (iii) compliance services provided by the Trust's Chief Compliance Officer as well as New York Life Investments' compliance department, including supervision and implementation of the Portfolio's compliance program; (iv) legal services provided by New York Life Investments' Office of the General Counsel; and (v) risk management monitoring and analysis by compliance and investment personnel. In addition, the Board considered New York Life Investments' willingness to invest in personnel and other resources, such as cyber security, information security and business continuity planning, that may benefit the Portfolio and noted that New York Life Investments is responsible for compensating the Trust's officers, except for a portion of the salary of the Trust's Chief Compliance Officer. The Board recognized that New York Life Investments provides certain other non-advisory services to the Portfolio and has over time provided an increasingly broad array of non-advisory services to the MainStay Group of Funds as a result of regulatory and other developments.

The Board also examined the range, and the nature, extent and quality, of the investment advisory services that IndexIQ provides to the Portfolio and considered the terms of each of the Advisory Agreements. The Board evaluated IndexIQ's experience and performance in serving as subadvisor to the Portfolio and advising other portfolios and IndexIQ's track record and experience in providing investment advisory services as well as the experience of investment advisory, senior management and administrative personnel at IndexIQ. The Board considered New York Life Investments' and IndexIQ's overall resources, legal and compliance environment, capabilities, reputation, financial condition and history. In addition to information provided in connection with quarterly meetings with the Trust's Chief Compliance Officer, the Board considered information regarding the compliance policies and procedures of New York Life Investments and IndexIQ and acknowledged their commitment to further developing and strengthening compliance programs that may relate to the Portfolio. The Board also considered IndexIQ's ability to recruit and retain qualified investment professionals and willingness to invest in personnel and other resources that may benefit the Portfolio. In this regard, the Board considered the qualifications and experience of the Portfolio's portfolio managers, the number of accounts managed by the portfolio managers and the method for compensating the portfolio managers.

In addition, the Board considered information provided by New York Life Investments and IndexIQ regarding their respective business continuity and disaster recovery plans.

Based on these considerations, among others, the Board concluded that the Portfolio would likely continue to benefit from the nature, extent and quality of these services.

Investment Performance

In evaluating the Portfolio's investment performance, the Board considered investment performance results over various periods in light of the Portfolio's investment objective, strategies and risks. The Board

Board Consideration and Approval of Management Agreement and Subadvisory Agreement (Unaudited) (continued)

considered investment reports on, and analysis of, the Portfolio's performance provided to the Board throughout the year. These reports include, among other items, information on the Portfolio's gross and net returns, the Portfolio's investment performance compared to a relevant investment category and the Portfolio's benchmark, the Portfolio's risk-adjusted investment performance and the Portfolio's investment performance as compared to peer funds, as appropriate, as well as portfolio attribution information and commentary on the effect of market conditions. The Board also considered information provided by ISS showing the investment performance of the Portfolio as compared to peer funds. In addition, the Board reviewed the methodology used by ISS to construct the group of peer funds for comparative purposes.

The Board also took into account its discussions with senior management at New York Life Investments concerning the Portfolio's investment performance over various periods as well as discussions between representatives of IndexIQ and the members of the Board's Investment Committee, which generally occur on an annual basis.

Based on these considerations, among others, the Board concluded that its review of the Portfolio's investment performance and related information supported a determination to approve the continuation of each of the Advisory Agreements.

Costs of the Services Provided, and Profits and Other Benefits Realized, by New York Life Investments and IndexIQ

The Board considered the costs of the services provided under each of the Advisory Agreements. The Board also considered the profitability of New York Life Investments and its affiliates, including IndexIQ, due to their relationships with the Portfolio as well as by New York Life Investments and its affiliates due to their relationships with the MainStay Group of Funds. Because IndexIQ is an affiliate of New York Life Investments whose subadvisory fee is paid by New York Life Investments, not the Portfolio, the Board considered cost and profitability information for New York Life Investments and IndexIQ in the aggregate.

In addition, the Board acknowledged the difficulty in obtaining reliable comparative data about mutual fund managers' profitability because such information generally is not publicly available and may be impacted by numerous factors, including the structure of a fund manager's organization, the types of funds it manages, the methodology used to allocate certain fixed costs to specific funds and the manager's capital structure and costs of capital.

In evaluating the costs of the services provided by New York Life Investments and IndexIQ, and profitability of New York Life Investments and its affiliates, including IndexIQ due to their relationships with the Portfolio, the Board considered, among other factors, New York Life Investments' and its affiliates', including IndexIQ's, continuing investments in, or willingness to invest in, personnel and other resources that may support and further enhance the management of the Portfolio, and that New York Life Investments is responsible for paying the subadvisory fee for the Portfolio. The Board also considered the financial resources of New York Life Investments and IndexIQ and acknowledged

that New York Life Investments and IndexIQ must be in a position to recruit and retain experienced professional personnel and to maintain a strong financial position for New York Life Investments and IndexIQ to continue to provide high-quality services to the Portfolio. The Board recognized that the Portfolio benefits from the allocation of certain fixed costs among the funds in the MainStay Group of Funds, among other expected benefits resulting from its relationship with New York Life Investments.

The Board considered information regarding New York Life Investments' methodology for calculating profitability and allocating costs provided by New York Life Investments in connection with the fund profitability analysis presented to the Board. The Board concluded that New York Life Investments' methods for allocating costs and procedures for estimating overall profitability of the relationship with the funds in the MainStay Group of Funds were reasonable. The Board recognized the difficulty in calculating and evaluating a manager's profitability with respect to the Portfolio and considered that other profitability methodologies may also be reasonable.

The Board also considered certain fall-out benefits that may be realized by New York Life Investments and its affiliates, including IndexIQ, due to their relationships with the Portfolio, including reputational and other indirect benefits. The Board recognized, for example, the benefits to IndexIQ from legally permitted "soft-dollar" arrangements by which brokers provide research and other services to IndexIQ in exchange for commissions paid by the Portfolio with respect to trades in the Portfolio's portfolio securities. In addition, the Board considered its review of the management agreement for a money market fund advised by New York Life Investments and an affiliated subadvisor that serves as an investment option for the Portfolio, including the potential rationale for and costs associated with investments in this money market fund by the Portfolio, if any, and considered information from New York Life Investments that the nature and type of specific investment advisory services provided to this money market fund are distinct from, or in addition to, the investment advisory services provided to the Portfolio. In addition, the Board considered the potential dividend received tax deduction for insurance company affiliates of New York Life Investments from the Portfolio's securities lending activity.

The Board noted that the Portfolio serves as an investment option primarily under variable contracts issued by affiliates of New York Life Investments that would receive fees under those contracts. The Board observed that, in addition to fees earned by New York Life Investments under the Management Agreement for managing the Portfolio, New York Life Investments' affiliates also earn revenues from serving the Portfolio in various other capacities, including as the Portfolio's distributor, and insurance companies affiliated with New York Life Investments would be entitled to receive fees from the Portfolio under a distribution and service plan adopted pursuant to Rule 12b-1 under the 1940 Act. The Board considered information about these other revenues and their impact on the profitability of the relationship with the Portfolio to New York Life Investments and its affiliates. The Board noted that, although it assessed the overall profitability of the relationship with the Portfolio to New York

Life Investments and its affiliates as part of the contract review process, when considering the reasonableness of the fee paid to New York Life Investments under the Management Agreement, the Board considered the profitability of New York Life Investments' relationship with the Portfolio on a pre-tax basis and without regard to distribution expenses incurred by New York Life Investments from its own resources.

After evaluating the information deemed relevant by the Trustees, the Board concluded that any profits realized by New York Life Investments and its affiliates, including IndexIQ, due to their relationships with the Portfolio were not excessive and other expected benefits that may accrue to New York Life Investments and its affiliates, including IndexIQ, are reasonable.

Management and Subadvisory Fees and Total Ordinary Operating Expenses

The Board evaluated the reasonableness of the fee paid under each of the Advisory Agreements and the Portfolio's total ordinary operating expenses. With respect to the management fee and subadvisory fee, the Board primarily considered the reasonableness of the management fee paid by the Portfolio to New York Life Investments because the subadvisory fee paid to IndexIQ is paid by New York Life Investments, not the Portfolio. The Board also considered the reasonableness of the subadvisory fee paid by New York Life Investments and the amount of the management fee retained by New York Life Investments.

In assessing the reasonableness of the Portfolio's fees and expenses, the Board primarily considered comparative data provided by ISS on the fees and expenses of similar mutual funds managed by other investment advisers. The Board reviewed the methodology used by ISS to construct the group of peer funds for comparative purposes. In addition, the Board considered information provided by New York Life Investments and IndexIQ on fees charged to other investment advisory clients, including institutional separate accounts and/or other funds, that follow investment strategies similar to those of the Portfolio, if any. The Board considered the contractual management fee schedule for the Portfolio as compared to those for such other investment advisory clients, taking into account the rationale for differences in fee schedules. The Board also took into account information provided by New York Life Investments about the more extensive scope of services provided to registered investment companies, such as the Portfolio, as compared with other investment advisory clients. Additionally, the Board considered the impact of contractual breakpoints, voluntary waivers and expense limitation arrangements on the Portfolio's net management fee and expenses. The Board also considered that in proposing fees for the Portfolio, New York Life Investments considers the competitive marketplace for mutual funds.

Based on the factors outlined above, among other considerations, the Board concluded that the Portfolio's management fee and total ordinary operating expenses are within a range that is competitive and support a conclusion that these fees and expenses are reasonable.

Economies of Scale

The Board considered information regarding economies of scale, including whether economies of scale may exist with respect to the Portfolio and whether the Portfolio's management fee and expense structure permits any economies of scale to be appropriately shared with the Portfolio's shareholders. The Board also considered a report from New York Life Investments, previously prepared at the request of the Board, that addressed economies of scale, including with respect to the mutual fund business generally, and the various ways in which the benefits of economies of scale may be shared with the funds in the MainStay Group of Funds. Although the Board recognized the difficulty of determining economies of scale with precision, the Board acknowledged that economies of scale may be shared with the Portfolio in a number of ways, including, for example, through the imposition of fee breakpoints, initially setting management fee rates at scale or making additional investments to enhance the services provided to the Portfolio. The Board reviewed information from New York Life Investments showing how the Portfolio's management fee schedule compared to fee schedules of other funds and accounts managed by New York Life Investments. The Board also reviewed information from ISS showing how the Portfolio's management fee schedule compared with fees paid for similar services by peer funds at varying asset levels.

Based on this information, the Board concluded that economies of scale are appropriately shared for the benefit of the Portfolio's shareholders through the Portfolio's management fee and expense structure and other methods to share benefits from economies of scale.

Conclusion

On the basis of the information and factors summarized above, among other information and factors deemed relevant by the Trustees, and the evaluation thereof, the Board, including the Independent Trustees voting separately, unanimously voted to approve the continuation of each of the Advisory Agreements.

Proxy Voting Policies and Procedures and Proxy Voting Record

The Portfolio is required to file with the SEC its proxy voting record for the 12-month period ending June 30 on Form N-PX. A description of the policies and procedures that are used to vote proxies relating to portfolio securities of the Portfolio is available free of charge upon request by calling 800-598-2019 or visiting the SEC's website at www.sec.gov. The most recent Form N-PX or proxy voting record is available free of charge upon request by calling 800-598-2019; visiting <https://www.newyorklifeinvestments.com/investment-products/vp>; or visiting the SEC's website at www.sec.gov.

Shareholder Reports and Quarterly Portfolio Disclosure

The Portfolio is required to file its complete schedule of portfolio holdings with the SEC 60 days after its first and third fiscal quarter on Form N-PORT. The Portfolio's holdings report is available free of charge upon request by calling 800-598-2019 or by visiting the SEC's website at www.sec.gov.

Board of Trustees and Officers (Unaudited)

The Trustees and officers of the Portfolio are listed below. The Board oversees the MainStay Group of Funds (which consists of MainStay Funds and MainStay Funds Trust), MainStay VP Funds Trust, MainStay MacKay DefinedTerm Municipal Opportunities Fund, MainStay CBRE Global Infrastructure Megatrends Term Fund, the Manager and the Subadvisors, and elects the officers of the Portfolios who are responsible for the day-to-day operations of the Portfolio. Information pertaining to the Trustees and officers is set forth below. Each Trustee serves until his or her successor is elected and qualified or until his or her resignation,

death or removal. Under the Board's retirement policy, unless an exception is made, a Trustee must tender his or her resignation by the end of the calendar year during which he or she reaches the age of 75. Officers are elected annually by the Board. The business address of each Trustee and officer listed below is 51 Madison Avenue, New York, New York 10010. A majority of the Trustees are not "interested persons" (as defined by the 1940 Act and rules adopted by the SEC thereunder) of the Portfolio ("Independent Trustees").

	Name and Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Interested Trustee	Naïm Abou-Jaoudé* 1966	MainStay VP Funds Trust: Trustee since 2023	Chief Executive Officer of New York Life Investment Management LLC (since 2023). Chief Executive Officer of Candriam (an affiliate of New York Life Investment Management LLC) (2007 to 2023).	81	<i>MainStay Funds</i> : Trustee since 2023 (11 Funds) <i>MainStay Funds Trust</i> : Trustee since 2023 (37 Funds); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund</i> : Trustee since 2023; <i>MainStay CBRE Global Infrastructure Megatrends Term Fund</i> : Trustee since 2023; and <i>New York Life Investment Management International</i> (Chair) since 2015

* This Trustee is considered to be an "interested person" of the MainStay Group of Funds, MainStay VP Funds Trust, MainStay CBRE Global Infrastructure Megatrends Term Fund and MainStay MacKay DefinedTerm Municipal Opportunities Fund, within the meaning of the 1940 Act because of his affiliation with New York Life Investment Management LLC and Candriam, as described in detail above in the column entitled "Principal Occupation(s) During Past Five Years."

Board of Trustees and Officers (Unaudited) (continued)

Independent Trustees	Name and Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
	David H. Chow 1957	MainStay VP Funds Trust: Trustee since January 2016, Advisory Board Member (June 2015 to December 2015)	Founder and CEO, DanCourt Management, LLC since 1999	81	<i>MainStay Funds:</i> Trustee since January 2016, Advisory Board Member (June 2015 to December 2015) (11 Funds); <i>MainStay Funds Trust:</i> Trustee since January 2016, Advisory Board Member (June 2015 to December 2015) (37 Funds); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since January 2016, Advisory Board Member (June 2015 to December 2015); <i>MainStay CBRE Global Infrastructure Megatrends Term Fund:</i> Trustee since 2021; <i>VanEck Vectors Group of Exchange-Traded Funds:</i> Trustee since 2006 and Independent Chairman of the Board of Trustees from 2008 to 2022 (57 portfolios); and <i>Berea College of Kentucky:</i> Trustee since 2009, Chair of the Investment Committee since 2018
	Karen Hammond 1956	MainStay VP Funds Trust: Trustee since December 2021, Advisory Board Member (June 2021 to December 2021)	Retired, Managing Director, Devonshire Investors (2007 to 2013); Senior Vice President, Fidelity Management & Research Co. (2005 to 2007); Senior Vice President and Corporate Treasurer, FMR Corp. (2003 to 2005); Chief Operating Officer, Fidelity Investments Japan (2001 to 2003)	81	<i>MainStay Funds:</i> Trustee since December 2021, Advisory Board Member (June 2021 to December 2021) (11 Funds); <i>MainStay Funds Trust:</i> Trustee since December 2021, Advisory Board Member (June 2021 to December 2021) (37 Funds); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since December 2021, Advisory Board Member (June 2021 to December 2021); <i>MainStay CBRE Global Infrastructure Megatrends Term Fund:</i> Trustee since December 2021, Advisory Board Member (June 2021 to December 2021); <i>Two Harbors Investment Corp.:</i> Director since 2018; <i>Rhode Island State Investment Commission:</i> Member since 2017; and <i>Blue Cross Blue Shield of Rhode Island:</i> Director since 2019
	Susan B. Kerley 1951	MainStay VP Funds Trust: Chair since 2017 and Trustee since 2007**	President, Strategic Management Advisors LLC since 1990	81	<i>MainStay Funds:</i> Chair since January 2017 and Trustee since 2007 (11 Funds); <i>MainStay Funds Trust:</i> Chair since January 2017 and Trustee since 1990 (37 Funds)***; <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Chair since January 2017 and Trustee since 2011; <i>MainStay CBRE Global Infrastructure Megatrends Term Fund:</i> Trustee since June 2021; and <i>Legg Mason Partners Funds:</i> Trustee since 1991 (45 portfolios)

Independent Trustees

Name and Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Alan R. Latschaw 1951	MainStay VP Funds Trust: Trustee since 2007**	Retired; Partner, Ernst & Young LLP (2002 to 2003); Partner, Arthur Andersen LLP (1989 to 2002); Consultant to the MainStay Funds Audit and Compliance Committee (2004 to 2006)	81	<i>MainStay Funds</i> : Trustee since 2006 (11 Funds); <i>MainStay Funds Trust</i> : Trustee since 2007 (37 Funds)***; <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund</i> : Trustee since 2011; and <i>MainStay CBRE Global Infrastructure Megatrends Term Fund</i> : Trustee since June 2021
Jacques P. Perold 1958	MainStay VP Funds Trust: Trustee since January 2016, Advisory Board Member (June 2015 to December 2015)	Founder and Chief Executive Officer, CapShift Advisors LLC (since 2018); President, Fidelity Management & Research Company (2009 to 2014); President and Chief Investment Officer, Geode Capital Management, LLC (2001 to 2009)	81	<i>MainStay Funds</i> : Trustee since January 2016, Advisory Board Member (June 2015 to December 2015) (11 Funds); <i>MainStay Funds Trust</i> : Trustee since January 2016, Advisory Board Member (June 2015 to December 2015) (37 Funds); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund</i> : Trustee since January 2016, Advisory Board Member (June 2015 to December 2015); <i>MainStay CBRE Global Infrastructure Megatrends Term Fund</i> : Trustee since June 2021; <i>Allstate Corporation</i> : Director since 2015; <i>Partners in Health</i> : Trustee since 2019; and <i>MSCI Inc.</i> : Director since 2017
Richard S. Trutanic 1952	MainStay VP Funds Trust: Trustee since 2007**	Chairman and Chief Executive Officer, Somerset & Company (financial advisory firm) since 2004; Managing Director, The Carlyle Group (private investment firm) (2002 to 2004); Senior Managing Director, Partner and Board Member, Groupe Arnault S.A. (private investment firm) (1999 to 2002)	81	<i>MainStay Funds</i> : Trustee since 1994 (11 Funds); <i>MainStay Funds Trust</i> : Trustee since 2007 (37 Funds)***; <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund</i> : Trustee since 2011; and <i>MainStay CBRE Global Infrastructure Megatrends Term Fund</i> : Trustee since June 2021

** Includes prior service as a Director of MainStay VP Series Fund, Inc., the predecessor to MainStay VP Funds Trust.

*** Includes prior service as a Director/Trustee of certain predecessor entities to MainStay Funds Trust.

Board of Trustees and Officers (Unaudited) (continued)

Name and Year of Birth	Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years
Kirk C. Lehneis 1974	President, MainStay VP Funds Trust (since 2017)	Chief Operating Officer and Senior Managing Director (since 2016), New York Life Investment Management LLC and New York Life Investment Management Holdings LLC; Member of the Board of Managers (since 2017) and Senior Managing Director (since 2018), NYLIFE Distributors LLC; Chairman of the Board and Senior Managing Director, NYLIM Service Company LLC (since 2017); Trustee, President and Principal Executive Officer of IndexIQ Trust, IndexIQ ETF Trust and IndexIQ Active ETF Trust (since 2018); President, MainStay CBRE Global Infrastructure Megatrends Term Fund (since 2021), MainStay MacKay DefinedTerm Municipal Opportunities Fund, MainStay Funds and MainStay Funds Trust (since 2017); Senior Managing Director, Global Product Development (from 2015 to 2016); Managing Director, Product Development (from 2010 to 2015), New York Life Investment Management LLC
Jack R. Benintende 1964	Treasurer and Principal Financial and Accounting Officer, MainStay VP Funds Trust (since 2007)**	Managing Director, New York Life Investment Management LLC (since 2007); Treasurer and Principal Financial and Accounting Officer, MainStay CBRE Global Infrastructure Megatrends Term Fund (since 2021), MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds Trust (since 2009) and MainStay Funds (since 2007); and Assistant Treasurer, New York Life Investment Management Holdings LLC (2008 to 2012)
J. Kevin Gao 1967	Secretary and Chief Legal Officer, MainStay VP Funds Trust (since 2010)**	Managing Director and Associate General Counsel, New York Life Investment Management LLC (since 2010); Secretary and Chief Legal Officer, MainStay CBRE Global Infrastructure Megatrends Term Fund (since 2021), MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds and MainStay Funds Trust (since 2010)
Kevin M. Gleason 1967	Vice President and Chief Compliance Officer, MainStay VP Funds Trust (since June 2022)	Vice President and Chief Compliance Officer, IndexIQ Trust, IndexIQ ETF Trust and IndexIQ Active ETF Trust (since June 2022); Vice President and Chief Compliance Officer, MainStay CBRE Global Infrastructure Megatrends Term Fund, MainStay MacKay DefinedTerm Municipal Opportunities Fund (since June 2022); MainStay Funds Trust and MainStay Funds (since June 2022); Senior Vice President, Voya Investment Management and Chief Compliance Officer, Voya Family of Funds (2012 to 2022)
Scott T. Harrington 1959	Vice President—Administration, MainStay VP Funds Trust (since 2005)**	Managing Director, New York Life Investment Management LLC (including predecessor advisory organizations) (since 2000); Member of the Board of Directors, New York Life Trust Company (since 2009); Vice President—Administration, MainStay CBRE Global Infrastructure Megatrends Term Fund (since 2021), MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds Trust and MainStay Funds (since 2009)

Officers of the Trust (Who are not Trustees)*

* The officers listed above are considered to be “interested persons” of the MainStay Group of Funds, MainStay VP Funds Trust, MainStay CBRE Global Infrastructure Megatrends Term Fund and MainStay MacKay DefinedTerm Municipal Opportunities Fund within the meaning of the 1940 Act because of their affiliation with the MainStay Group of Funds, New York Life Insurance Company and/or its affiliates, including New York Life Investment Management LLC, New York Life Insurance Company, NYLIM Service Company LLC, NYLIFE Securities LLC and/or NYLIFE Distributors LLC, as described in detail in the column captioned “Principal Occupation(s) During Past Five Years.” Officers are elected annually by the Board.

** Includes prior service as an Officer of MainStay VP Series Fund, Inc., the predecessor to MainStay VP Funds Trust.

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MainStay VP Portfolios

MainStay VP offers a wide range of Portfolios. The full array of MainStay VP offerings is listed here, with information about the manager, subadvisors, legal counsel, and independent registered public accounting firm.

Equity

MainStay VP American Century Sustainable Equity Portfolio
MainStay VP Candriam Emerging Markets Equity Portfolio
MainStay VP Epoch U.S. Equity Yield Portfolio
MainStay VP Fidelity Institutional AM[®] Utilities Portfolio[†]
MainStay VP Natural Resources Portfolio
MainStay VP PineStone International Equity Portfolio¹
MainStay VP S&P 500 Index Portfolio
MainStay VP Small Cap Growth Portfolio
MainStay VP Wellington Growth Portfolio
MainStay VP Wellington Mid Cap Portfolio
MainStay VP Wellington Small Cap Portfolio
MainStay VP Wellington U.S. Equity Portfolio
MainStay VP Winslow Large Cap Growth Portfolio

Mixed Asset

MainStay VP Balanced Portfolio
MainStay VP Income Builder Portfolio
MainStay VP Janus Henderson Balanced Portfolio
MainStay VP MacKay Convertible Portfolio

Income

MainStay VP Bond Portfolio
MainStay VP Floating Rate Portfolio
MainStay VP Indexed Bond Portfolio
MainStay VP MacKay Government Portfolio²
MainStay VP MacKay High Yield Corporate Bond Portfolio
MainStay VP MacKay Strategic Bond Portfolio
MainStay VP PIMCO Real Return Portfolio

Money Market

MainStay VP U.S. Government Money Market Portfolio

Alternative

MainStay VP CBRE Global Infrastructure Portfolio
MainStay VP IQ Hedge Multi-Strategy Portfolio

Asset Allocation

MainStay VP Conservative Allocation Portfolio
MainStay VP Equity Allocation Portfolio
MainStay VP Growth Allocation Portfolio
MainStay VP Moderate Allocation Portfolio

Manager

New York Life Investment Management LLC
New York, New York

Subadvisors

American Century Investment Management, Inc.
Kansas City, Missouri

Brown Advisory LLC
Baltimore, Maryland

Candriam*
Strassen, Luxembourg

CBRE Investment Management Listed Real Assets LLC
Radnor, Pennsylvania

Epoch Investment Partners, Inc.
New York, New York

FIAM LLC
Smithfield, Rhode Island

IndexIQ Advisors LLC*
New York, New York

Janus Henderson Investors US LLC
Denver, Colorado

MacKay Shields LLC*
New York, New York

Newton Investment Management North America, LLC
Boston, Massachusetts

NYL Investors LLC*
New York, New York

Pacific Investment Management Company LLC
Newport Beach, California

PineStone Asset Management Inc.
Montreal, Québec

Segall Bryant & Hamill, LLC
Chicago, Illinois

Wellington Management Company LLP
Boston, Massachusetts

Winslow Capital Management, LLC
Minneapolis, Minnesota

Legal Counsel

Dechert LLP
Washington, District of Columbia

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP
New York, New York

Distributor

NYLIFE Distributors LLC*
Jersey City, New Jersey

Custodian

JPMorgan Chase Bank, N.A.
New York, New York

Some Portfolios may not be available in all products.

[†] Fidelity Institutional AM is a registered trade mark of FMR LLC. Used with permission.

* An affiliate of New York Life Investment Management LLC.

1. Prior to August 28, 2023, the Portfolio's name was MainStay VP MacKay International Equity Portfolio.
2. Effective on or about May 1, 2024, the MainStay VP MacKay Government Portfolio will be renamed the MainStay VP U.S. Infrastructure Bond Portfolio.

2023 Annual Report

This report is for the general information of New York Life Variable Annuities and NYLIAC Variable Universal Life Insurance Products policyowners. It must be preceded or accompanied by the appropriate product(s) and funds prospectuses if it is given to anyone who is not an owner of a New York Life variable annuity policy or a NYLIAC Variable Universal Life Insurance Product. This report does not offer for sale or solicit orders to purchase securities.

The performance data quoted in this report represents past performance. Past performance is no guarantee of future results. Due to market volatility and other factors, current performance may be lower or higher than the figures shown. The most recent month-end performance summary for your variable annuity or variable life policy is available by calling 800-598-2019 and is updated periodically on newyorklife.com.

The New York Life Variable Annuities and NYLIAC Variable Universal Life Insurance Products are issued by New York Life Insurance and Annuity Corporation (a Delaware Corporation) and distributed by NYLIFE Distributors LLC (Member FINRA/SIPC).

New York Life Insurance Company

New York Life Insurance and Annuity Corporation (NYLIAC) (A Delaware Corporation)

51 Madison Avenue, Room 551
New York, NY 10010

newyorklife.com

newyorklifeinvestments.com

NYLIFE Distributors LLC, 30 Hudson Street, Jersey City, NJ 07302

New York Life Investment Management LLC is the investment manager to the MainStay VP Funds Trust

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You may obtain copies of the Prospectus and the Statement of Additional Information free of charge, upon request, by calling toll-free 800-598-2019 or writing to New York Life Insurance and Annuity Corporation, 51 Madison Avenue, New York, NY 10010.

Not FDIC Insured

No Bank Guarantee

May Lose Value