# MainStay VP Wellington Mid Cap Portfolio

Message from the President and Semiannual Report

Unaudited | June 30, 2023

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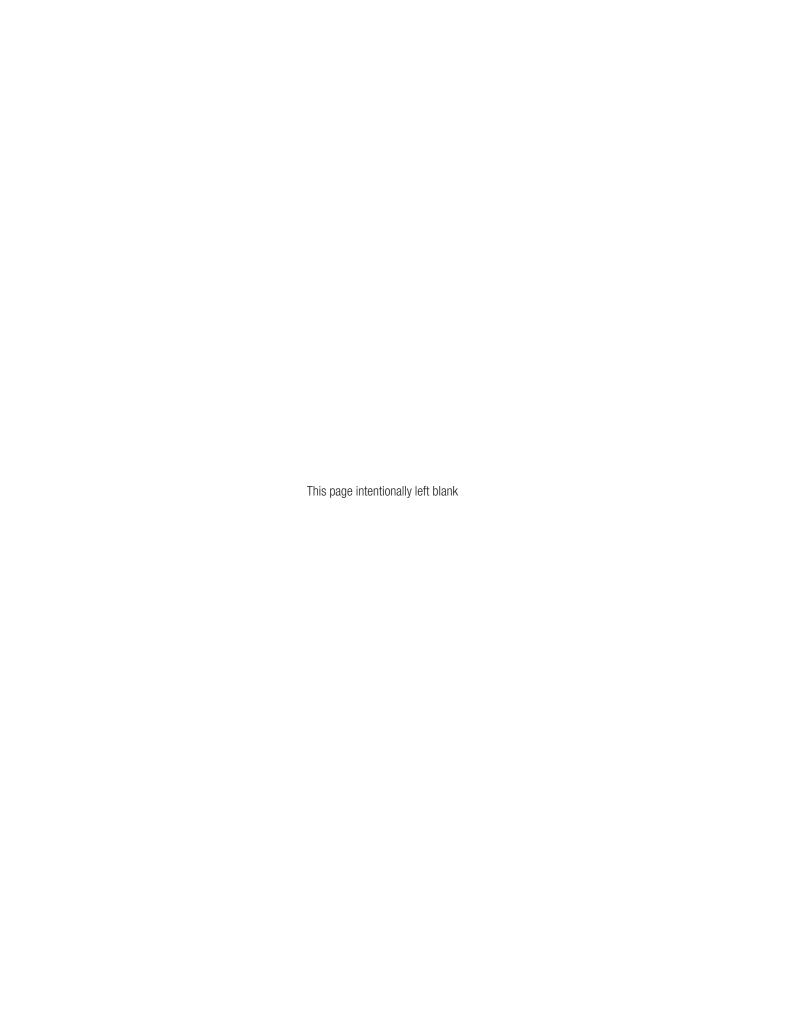
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### Message from the President

Despite high levels of volatility and sharp, short-term shifts in value, broadly based stock and bond indices generally gained ground during the six-month reporting period ended June 30, 2023. Markets reacted positively to several developments — easing inflationary pressures and softening monetary policy — the most prominent among them.

At the start of the reporting period, high levels of inflation had already begun to show signs of easing in the face of aggressive rate hikes by the U.S. Federal Reserve (the "Fed"). From a peak of 9.06% in June 2022, the annualized U.S. inflation rate as measured by the Consumer Price Index fell to 6.41% in January 2023, and to 2.97% in June 2023, according to the most recent figures. At the same time, the Fed increased the benchmark federal funds rate, from 4.25%-4.50% at the beginning of the reporting period, to 5.00%–5.25% as of June 30, 2023. While the Fed signaled that further rate increases were likely in 2023, the Fed also appeared to be approaching the end of its current rate-hike cycle. Economic growth, although slower, remained positive, supported by historically high levels of employment and robust consumer spending. On a negative note, rising interest rates contributed to the failures of a number of high-profile regional banks in March and April 2023, leading to a wider loss of confidence in the banking industry, and increasing the prospect of a tighter credit environment, although swift federal action to guarantee deposits appeared to limit the damage.

Equity market behavior during the reporting period generally reflected investors' optimism regarding the prospects for a so-called "soft landing," in which inflation comes under control and the Fed holds rates steady—or begins to lower them—while the economy avoids a severe recession. The S&P 500® Index, a widely regarded benchmark of U.S. market performance, posted its first extended gains since November 2021. Previously beaten down growth-oriented shares led the market's rebound, with information technology the S&P 500® Index's strongest sector, followed by consumer discretionary. However, the communications

services, utilities and energy sectors lost substantial ground as value-oriented stocks fell out of favor and oil prices declined, with financials and health care shares dipping more mildly. While international markets rose, they generally trailed the U.S. market, with developed international markets outperforming their emerging markets counterparts.

Corporate bond prices trended moderately higher amid high volatility, bolstered by positive inflationary and interest rate trends in the United States while constrained by banking industry turmoil. After years of low yields and tight credit spreads, the sector benefited from more attractive valuations and income opportunities. Markets generally rewarded longer duration and lower credit quality, although an uptick in default rates posed added risks for high-yield corporate bonds. Long-term rates remained lower than short-term rates throughout the reporting period, a yield curve inversion that reminded investors of the uncertainties implicit in the current economic environment. U.S. Treasury bonds provided more modest gains, with the positive impact of declining inflation largely balanced by the negative impact of high consumer prices.

However the economic story unfolds in the months and years to come, we remain dedicated to providing you with the long-term focus, unique perspectives and commitment to client service you expect.

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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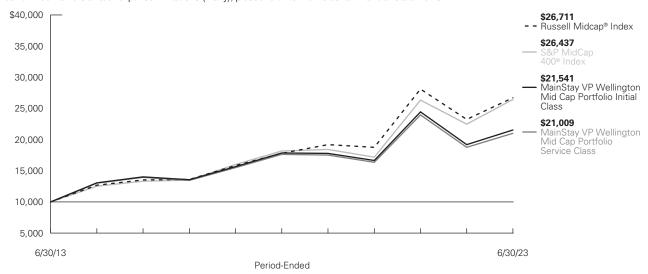
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Investors should refer to the Portfolio's Summary Prospectus and/or Prospectus and consider the Portfolio's investment objectives, strategies, risks, charges and expenses carefully before investing. The Summary Prospectus and/or Prospectus contain 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 Period-Ended June 30, 2023

Class	Inception Date <sup>1, 2</sup>	Six Months <sup>3</sup>	One Year	Five Years	Ten Years	Gross Expense Ratio <sup>4</sup>
Initial Class Shares	7/2/2001	7.22%	12.25%	3.83%	7.98%	0.89%
Service Class Shares	6/5/2003	7.08	11.97	3.57	7.71	1.14

- Effective January 1, 2018, due to an organizational restructuring whereby all investment personnel of Cornerstone Capital Management Holdings LLC, the former subadvisor, transitioned to MacKay Shields LLC, the former subadvisor.
- 2. Effective May 1, 2021, the Portfolio replaced its subadvisor and modified its principal investment strategies. The past performance in the graph and table prior to that date reflects the Portfolio's prior subadvisors and principal investment strategies.
- 3. Not annualized.
- 4. 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*	Six Months <sup>1</sup>	One Year	Five Years	Ten Years
Russell Midcap® Index <sup>2</sup>	9.01%	14.92%	8.46%	10.32%
S&P MidCap 400 <sup>®</sup> Index <sup>3</sup>	8.84	17.61	7.79	10.21
Morningstar Mid-Cap Blend Category Average <sup>4</sup>	8.16	13.96	7.44	9.32

- \* 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.
- 1 Not annualized
- 2. The Russell Midcap® Index is the Portfolio's primary benchmark. The Russell Midcap® Index measures the performance of the mid-cap segment of the U.S. equity universe. The Russell Midcap® Index is a subset of the Russell 1000® Index and includes approximately 800 of the smallest companies based on a combination of their market cap and current index membership. The Russell Midcap® Index represents approximately 31% of the total market capitalization of the Russell 1000® Index companies.
- The Portfolio has selected the S&P MidCap 400<sup>®</sup> Index as its secondary benchmark. The S&P MidCap 400<sup>®</sup> Index is a market capitalization-weighted index of common stocks representing the mid-cap U.S. equity market.
- 4. The Morningstar Mid-Cap Blend Category Average is representative of funds that invest primarily in U.S. stocks of various sizes and styles, giving it a middle-of-the-road profile. The U.S. mid-cap range for market capitalization typically falls between \$1 billion and \$8 billion and represents 20% of the total capitalization of the U.S. equity market. The blend style is assigned to funds where neither growth nor value characteristics predominate. 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 Wellington Mid Cap Portfolio (Unaudited)

The example below is intended to describe the fees and expenses borne by shareholders during the six-month period from January 1, 2023 to June 30, 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 January 1, 2023 to June 30, 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 June

30, 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 1/1/23	Ending Account Value (Based on Actual Returns and Expenses) 6/30/23	Expenses Paid During Period <sup>1</sup>	Ending Account Value (Based on Hypothetical 5% Annualized Return and Actual Expenses) 6/30/23	Expenses Paid During Period <sup>1</sup>	Net Expense Ratio During Period <sup>2</sup>
Initial Class Shares	\$1,000.00	\$1,072.20	\$4.42	\$1,020.53	\$4.31	0.86%
Service Class Shares	\$1,000.00	\$1,070.80	\$5.70	\$1,019.29	\$5.56	1.11%

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
181 (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.

<sup>2.</sup> Expenses are equal to the Portfolio's annualized expense ratio to reflect the six-month period.

#### Industry Composition as of June 30, 2023 (Unaudited)

Machinery	7.5%	Consumer Finance	1.3%
Banks	6.7	Aerospace & Defense	1.2
Oil, Gas & Consumable Fuels	5.7	Pharmaceuticals	1.2
Insurance	5.5	Retail REITs	1.2
Building Products	4.8	Specialized REITs	1.0
Biotechnology	4.2	Air Freight & Logistics	0.9
Professional Services	4.1	Gas Utilities	0.8
Chemicals	4.1	Commercial Services & Supplies	0.8
Financial Services	4.0	Interactive Media & Services	0.8
Health Care Equipment & Supplies	3.7	Electrical Equipment	0.7
Semiconductors & Semiconductor Equipment	3.3	Multi-Utilities	0.6
Health Care Providers & Services	3.2	Media	0.6
Hotels, Restaurants & Leisure	3.0	Metals & Mining	0.6
Ground Transportation	2.6	Food Products	0.5
Software	2.5	Broadline Retail	0.5
Specialty Retail	2.4	Capital Markets	0.4
Automobile Components	2.3	Leisure Products	0.3
Textiles, Apparel & Luxury Goods	2.2	Technology Hardware, Storage & Peripherals	0.3
Containers & Packaging	2.2	Industrial REITs	0.3
Electronic Equipment, Instruments & Components	2.1	Hotel & Resort REITs	0.3
Communications Equipment	1.8	Entertainment	0.3
Trading Companies & Distributors	1.8	Short–Term Investments	2.1
Household Durables	1.6	Other Assets, Less Liabilities	2.1
Consumer Staples Distribution & Retail	1.5		100.0%
Life Sciences Tools & Services	1.3		
IT Services	1.3		

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 June 30, 2023** (excluding short-term investments) (Unaudited)

Inc.

1.	MKS Instruments, Inc.	6.	Flex Ltd.
2.	M&T Bank Corp.	7.	Visteon Corp.
3.	Marathon Oil Corp.	8.	NVR, Inc.
4.	Celanese Corp.	9.	Builders FirstSource,
5.	Molina Healthcare, Inc.	10.	WEX, Inc.

### Portfolio Management Discussion and Analysis (Unaudited)

Answers to the questions reflect the views of portfolio managers Gregory J. Garabedian, Mark A. Whitaker, CFA, and Philip W. Ruedi, CFA, of Wellington Management Company LLP ("Wellington"), the Portfolio's Subadvisor.

# How did MainStay VP Wellington Mid Cap Portfolio perform relative to its benchmarks and peers during the six months ended June 30, 2023?

For the six months ended June 30, 2023, MainStay VP Wellington Mid Cap Portfolio returned 7.22% for Initial Class shares and 7.08% for Service Class shares. Over the same period, both share classes underperformed the 9.01% return of the Russell Midcap® Index, which is the Portfolio's primary benchmark, and the 8.84% return of the S&P MidCap 400® Index, which is the Portfolio's secondary benchmark. For the six months ended June 30, 2023, both share classes also underperformed the 8.16% return of the Morningstar Mid-Cap Blend Category Average.<sup>1</sup>

### What factors affected the Portfolio's relative performance during the reporting period?

The Portfolio underperformed the Russell Midcap<sup>®</sup> Index primarily due to security selection, particularly in the industrial sector. Specifically, the Portfolio's industrial security selections produced relatively weak returns as cyclical stocks in the sector outperformed amid market sentiment pointing to inflation peaking and the potential for declining interest rates.

#### Which sectors were the strongest positive contributors to the Portfolio's relative performance, and which sectors were particularly weak?

During the reporting period, the strongest positive contributions to the Portfolio's performance relative to the Russell Midcap<sup>®</sup> Index came from overweight exposure to information technology and underweight exposure to real estate and utilities. (Contributions take weightings and total returns into account.) These positive allocation effects were partly offset by the Portfolio's overweight exposure to energy and health care. Conversely, security selection in industrials, health care and information technology detracted most significantly from relative performance. The negative impact of security selection in these sectors was partly offset by positive selection effects in communication services and utilities

# During the reporting period, which individual stocks made the strongest positive contributions to the Portfolio's absolute performance and which stocks detracted the most?

The strongest positive contributors to the Portfolio's absolute performance during the reporting period included positons in bank holding company First Citizens BancShares, building materials manufacturer and supplier Builders FirstSource, and home construction and mortgage banking company NVR. Despite missing first quarter 2023 earnings estimates, First Citizens BancShares shares rose when the company reported deposits that surpassed estimates following its rescue deal for Silicon

Valley Bank, which was wiped out by a run on deposits. First Citizens' management forecast a slight drop in the company's full-year deposits, but within a range still higher than analysts' estimates. Builders FirstSource shares gained ground after the company reported first-quarter net sales and margins above expectations, driven by better-than-expected results in its manufactured products and windows, doors and millwork segments. NVR shares advanced due to the overall positive outlook on the housing market, including a rise in both single- and multi-family housing starts, despite declining demand for new homes compared to the first quarter of 2022. The company also reported first quarter 2023 earnings that beat consensus estimates, partly due to higher home prices.

The most significant detractors from absolute performance included holdings in First Republic Bank, biopharmaceutical company Jazz Pharmaceuticals, and biotechnology and public benefit corporation United Therapeutics. First Republic Bank shares fell sharply on fears that a wave of banking failures could hit the regional lender. U.S. officials determined First Republic was stable enough to operate without immediate intervention at the onset of the banking turmoil. However, given significant pressures and digital withdrawals, First Republic Bank failed. We sold the shares in advance of the failure. Jazz Pharmaceuticals shares declined as the profitability of the company's oxybate narcolepsy drug, Xyway, was put in jeopardy when a competitor's similar drug was approved by the U.S. Food and Drug Administration (the "FDA"). In response, Jazz undertook legal action against the FDA, because the agency had previously granted the company orphan drug exclusivity<sup>2</sup> for Xyway. Jazz Pharmaceuticals reported solid first quarter 2023 results, although the total oxybate patient base declined guarter-over-quarter, and oxybate pricing declined. United Therapeutics shares lost ground after the company missed sales goals during two consecutive quarters.

### Did the Portfolio make any significant purchases or sales during the reporting period?

During the reporting period, the Portfolio initiated a position in Atmos Energy, one of largest U.S. natural-gas-only distributors. Atmos Energy provides an essential product, operating a business-friendly state with much less debt than peer utilities. We increased the Portfolio's position in Celanese, a technology and specialty materials company. Celanese is the market leader in the production of acetyl, which is used in paints, coatings and other construction applications. The Portfolio also initiated a position in BorgWarner, a provider of innovative and sustainable mobility solutions for the vehicle market, aiming to support a clean, energy-efficient world. BorgWarner is the market leader in automotive technology solutions, with strong growth potential from vehicle electrification.

- 1. See page 5 for more information on benchmark and peer group returns.
- 2. Orphan drug exclusivity provides pharmaceutical developers protection from competition after approval of an orphan-designated drug as a way of incentivizing development of drugs for rare diseases. Developers get seven years of exclusivity from the same drug being approved for the same indication.

During the same period, we eliminated the Portfolio's position in PDC Energy, an independent oil & gas company, when the company was acquired by Chevron. We also sold the Portfolio's position in Teleflex, a provider of specialty medical devices, after the company encountered headwinds with Urolift, its minimally invasive treatment for benign prostatic hyperplasia.

### How did the Portfolio's sector weightings change during the reporting period?

During the reporting period, the most notable increases in the Portfolio's absolute sector exposures were to industrials and financials, while the most notable reductions were to information technology and energy.

### How was the Portfolio positioned at the end of the reporting period?

As of June 30, 2023, the Portfolio held its most overweight exposures relative to the Russell Midcap<sup>®</sup> Index to the health care and financials sectors, while its most underweight exposures were to real estate and consumer discretionary.

The opinions expressed are those of the portfolio managers 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.

### Portfolio of Investments June 30, 2023<sup>†^</sup>(Unaudited)

FMC Corp.   47,094   4,913,788   1						
Part		Shares	Value		Shares	Value
March   Marc	Common Stocks 100.0%					
29,354,777	Aerospace & Defense 1.2%				,	. ,,
Commercial Services & Supplies 0.8%	Axon Enterprise, Inc. (a)	45,074	\$ 8,794,839	Ingevity Corp. (a)	73,575	4,279,122
Community   Comm						29,354,777
Communications Equipment 1.8%   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   5,478,205   6,282,2665	Air Freight & Logistics 0.9%			Commercial Services & Supplies 0.8%		
Series   Corp. (a)	Expeditors International of Washington, Inc.	50,951	6,171,695	Clean Harbors, Inc. (a)	18,277	3,005,287
Standard   103,860   5,079,793   11,202,872   78,009   78,009   78,00				GFL Environmental, Inc.	63,735	2,472,918
	Automobile Components 2.3%					5,478,205
Page	BorgWarner, Inc.	103,860	5,079,793	Communications Equipment 1 99/		
16,282,665   Lumentum Holdings, Inc. (a)(b)   119,538   6,781,391   32,62,903   32,63,903   32,63,90	Visteon Corp. (a)	78,009	11,202,872	• •	44 215	6 401 510
State   Stat			16.282.665			
Consumer Finance 1.3%   Consumer Staples Distribution & Retail 1.5%   Support Page Plance Plance, Inc. (a) 47,867,537   Substitute Corp. (a) 109,578   A,344,340				Eumentum Holdings, inc. (a)(b)	119,556	
Consumer Finance 1.3%   Consumer Staples Distribution & Retail 1.5%   S.933,409   S.933,409   S.933,40,400			0.545.005			13,262,903
MRT Bank Corp.   104,018   12,873,268   17,406   18,393,409   17,406   18,344,340				Consumer Finance 1.3%		
Rev York Community Bancorp, Inc.   742,379   8,344,340   765,537   4,312,417   76,533   4,312,417   76,533   4,312,417   76,533   4,312,417   76,533   4,312,417   76,533   4,312,417   76,533   76,836,539   76,861,531   3,560,758   76,41,432   76,41,434   7		,		Credit Acceptance Corp. (a)(b)	17,706	8,993,409
Prospertity Bancshares, Inc.   Result State Corp.   89,509   5,889,692   5,881,692,693   3,871,967   5,881,692,693   3,891,692,693   3,891,692,693	•					
SouthState Corp.   89,509   5,889,992   BJ's Wholesale Club Holdings, Inc. (a)   56,511   3,560,758   47,867,537   U.S. Foods Holding Corp. (a)   169,578   7,461,432   11,022,190				Concumor Stanles Distribution & Potail	1 50/	
A7,867.537   U.S. Foods Holding Corp. (a)   169,576   7,461,432   11,022,190	, ,			•		2 560 759
1,022,190   1,02	SouthState Corp.	89,509	5,889,692	<b>9</b> · · · · · ,		
Sidechnology 4.2%   Specific Pharmaceuticals, Inc. (a)   26,982   2,458,060   Containers & Packaging 2.2%   Sall Corp.   62,803   3,655,763   Sall Corp.   62,803   5,492,850   Specific Packaging Holding Co.   228,583   5,492,850   Specific Packaging Holdings, Inc.   140,187   6,573,368   Sage Therapeutics, Inc. (a)   63,459   2,883,842   Sage Therapeutics, Inc. (a)   23,033   2,637,739   Sarget Therapeutics, Inc. (a)   46,964   2,166,449   Acuity Brands, Inc.   18,283   2,981,592   Sall Holding Saget Therapeutics Corp. (a)   38,757   2,092,878   Sall Holding Saget Therapeutics, Inc. (a)   3,476,625   Saget Therapeutics Corp. (a)   3,476,625   Saget Therapeutics Corp. (a)   3,476,625   Saget Therapeutics Corp.   21,954   4,028,559   Saget Therapeutics Corp.   21,954   4,028,559   Saget Therapeutics Corp.   3,474,645   Saget Therapeut			47,867,537	o.s. roods floiding corp. (a)	109,570	
Second   S	Biotechnology 4.2%					11,022,190
	Apellis Pharmaceuticals, Inc. (a)	26,982	2,458,060	Containers & Packaging 2.2%		
September   Sept	Exact Sciences Corp. (a)	41,235	3,871,967	Ball Corp.	62,803	3,655,763
Sage Therapeutics, Inc. (a)   63,459   2,983,842   2,983,842   2,983,842   2,981,592	Neurocrine Biosciences, Inc. (a)	38,094	3,592,264	Graphic Packaging Holding Co.	228,583	5,492,850
Sarepta Therapeutics, Inc. (a)   23,033   2,637,739   2,166,449   46,964   2,166,449   40,114   8,855,166   30,352,759   41,090   3,476,625   62,000   62,	PTC Therapeutics, Inc. (a)	93,122	3,787,272	Silgan Holdings, Inc.	140,187	6,573,368
Ditagenyx Pharmaceutical, Inc. (a)	Sage Therapeutics, Inc. (a)	63,459	2,983,842			15,721,981
Acuity Brands, Inc. (a)   46,964   2,166,449   Acuity Brands, Inc.   18,283   2,981,592   Vicor Corp. (a)   38,757   2,092,878   30,352,759   Vicor Corp. (a)   38,757   2,092,878   5,074,470   Vicor Corp. (a)   38,757   2,092,878   5,074,470   Vicor Corp. (a)   38,757   2,092,878   Vicor Corp. (a)   38,757   2,092,878   Vicor Corp. (a)   38,757   2,092,878   Vicor Corp. (a)   41,090   3,476,625   Flex Ltd. (a)   405,325   11,203,183   Vicor Ltd. (a)   405,325   11,203,183   Vicor Ltd. (a)   405,325   11,203,183   Vicor Ltd. (a)   405,325   Vicor Ltd. (a)   40,028,559   Vicor Ltd.	Sarepta Therapeutics, Inc. (a)	23,033	2,637,739	FI 1: 15 : 10 F2/		
Actify Francis, inc. 18,883 2,981,992 Vicor Corp. (a) 38,757 2,092,878 30,352,759  Flex Ltd. (a) 41,090 3,476,625 Corp. (a) 41,090 15,231,742  First, Inc. (a) 81,564 11,092,704 Fortune Brands Innovations, Inc. 103,428 7,441,645 Corp. 27,174 8,860,626 C	Ultragenyx Pharmaceutical, Inc. (a)	46,964	2,166,449	• •	40.000	0.004.500
Stroy   Inc. (a)   A1,090	United Therapeutics Corp. (a)	40,114	8,855,166			
Strong   1,090   3,476,625   Electronic Equipment, Instruments & Components 2.1%   CDW Corp.   21,954   4,028,559   Flex Ltd. (a)   405,325   11,203,183   15,231,742   Electronic Branch Innovations, Inc.   103,428   7,441,645   Entertainment 0.3%   Entertainm			30,352,759	vicor Corp. (a)	38,/5/	
Steps   Markets 0.4%   Markets 0.4	Pura dilina Bahail 0 50/					5,074,470
CDW Corp.   21,954   4,028,559   Flex Ltd. (a)   405,325   11,203,183   15,231,742   15,231,74		41.000	2 476 625	Electronic Equipment, Instruments & Co	mponents 2.1%	
15,231,742   15,	Lisy, IIIc. (d)	41,030		CDW Corp.	21,954	4,028,559
Suilders FirstSource, Inc. (a)   81,564   11,092,704   11,092,704   103,428   7,441,645   Entertainment 0.3%   2,017,106   27,174   8,860,626   Roku, Inc. (a)   31,537   2,017,106   2,				Flex Ltd. (a)	405,325	11,203,183
Fortune Brands Innovations, Inc. 103,428 7,441,645 Entertainment 0.3% Lennox International, Inc. 27,174 8,860,626 Roku, Inc. (a) 31,537 2,017,106  Part Elkay Water Solutions Corp. 251,034 6,750,304    34,145,279   Financial Services 4.0%   Nuvei Corp. (a) 107,918 3,190,056   Shift4 Payments, Inc., Class A (a) 125,542 8,525,557   Voya Financial, Inc. WEX, Inc. (a) 56,425 10,273,300   Chemicals 4.1%   Celanese Corp. 107,239 12,418,276   12,418,276   12,418,276	•					15,231,742
Lennox International, Inc.       27,174       8,860,626 Argun Elkay Water Solutions Corp.       Roku, Inc. (a)       31,537       2,017,106         Part Elkay Water Solutions Corp.       251,034       6,750,304 Argun Elkay Water Solutions Corp.       Financial Services 4.0%         Part Inc. Class A (a) Inc., Class A (a) In						
Zurn Elkay Water Solutions Corp.       251,034       6,750,304       Financial Services 4.0%         Capital Markets 0.4%       Nuvei Corp. (a)       107,918       3,190,056         Hamilton Lane, Inc., Class A       34,953       2,795,541       Shift4 Payments, Inc., Class A (a)       125,542       8,525,557         Voya Financial, Inc.       WEX, Inc. (a)       56,425       10,273,300         Chemicals 4.1%       WEX, Inc. (a)       28,436,431		,				
34,145,279   Financial Services 4.0%   Nuvei Corp. (a)   107,918   3,190,056     4mailton Lane, Inc., Class A   34,953   2,795,541   Voya Financial, Inc. (a)   56,425   10,273,300     Chemicals 4.1%   Celanese Corp.   107,239   12,418,276     12,418,276     10,273,300   12,418,276     10,273,300     34,145,279   Nuvei Corp. (a)   107,918   3,190,056     Shift4 Payments, Inc., Class A (a)   125,542   8,525,557     Voya Financial, Inc. (a)   56,425   10,273,300     28,436,431   28,436,431   28,436,431     Chemicals 4.1%   107,239   12,418,276   10,273,300     Chemicals 4.1%   107,239   10,273,300     Chemical				Roku, Inc. (a)	31,537	2,017,106
Capital Markets 0.4%         Nuvei Corp. (a)         107,918         3,190,056           Hamilton Lane, Inc., Class A         34,953         2,795,541         Shift4 Payments, Inc., Class A (a)         125,542         8,525,557           Voya Financial, Inc.         89,911         6,447,518           WEX, Inc. (a)         56,425         10,273,300           Chemicals 4.1%         28,436,431	Zurn Elkay Water Solutions Corp.	251,034	6,750,304			
Sapital Markets 0.4%         Hamilton Lane, Inc., Class A       34,953       2,795,541       Shift4 Payments, Inc., Class A (a)       125,542       8,525,557         Voya Financial, Inc.       89,911       6,447,518         WEX, Inc. (a)       56,425       10,273,300         Celanese Corp.       107,239       12,418,276			34,145,279	Financial Services 4.0%		
Hamilton Lane, Inc., Class A 34,953 2,795,541 Shift4 Payments, Inc., Class A (a) 125,542 8,525,557 Voya Financial, Inc. 89,911 6,447,518 WEX, Inc. (a) 56,425 10,273,300 Chemicals 4.1% 28,436,431	Canital Markets 0.4%			Nuvei Corp. (a)	107,918	3,190,056
Voya Financial, Inc. 89,911 6,447,518  WEX, Inc. (a) 56,425 10,273,300  28,436,431  Celanese Corp. 107,239 12,418,276		34 053	2 795 5/11		125,542	8,525,557
Chemicals 4.1%       28,436,431         Celanese Corp.       107,239       12,418,276	Harmiton Land, Ind., Oldoo A	UU5,7UU	2,100,041	Voya Financial, Inc.	89,911	6,447,518
Celanese Corp. 107,239 12,418,276 28,436,431	0			WEX, Inc. (a)	56,425	10,273,300
						28,436,431
Element Solutions, Inc. 403,312 /,/43,591	•					
	Element Solutions, Inc.	403,312	7,743,591			

	Shares	Value		Shares	Value
Common Stocks (continued)			Insurance (continued)		
Food Products 0.5%			Kemper Corp.	158,967	\$ 7,671,747
Post Holdings, Inc. (a)	44,210	\$ 3,830,796	Markel Group, Inc. (a)	6,807	9,415,306
r ost riolalings, inc. (a)	77,210	Ψ 3,030,730	W R Berkley Corp.	39,233	2,336,718
			White Mountains Insurance Group Ltd.	2,425	3,368,107
Gas Utilities 0.8%					39,548,236
Atmos Energy Corp.	51,508	5,992,441			
			Interactive Media & Services 0.8%		
<b>Ground Transportation 2.6%</b>			Cargurus, Inc. (a)	239,505	5,419,998
JB Hunt Transport Services, Inc.	32,253	5,838,761			
Knight-Swift Transportation Holdings, Inc.	133,581	7,421,760	IT Services 1.3%		
U-Haul Holding Co.	108,937	5,519,838	MongoDB, Inc. (a)	8,247	3,389,434
		18,780,359	VeriSign, Inc. (a)	25,035	5,657,159
					9,046,593
Health Care Equipment & Supplies 3.7%	40.000	0.007.047			
Hologic, Inc. (a)	48,626	3,937,247	Leisure Products 0.3%		
Inari Medical, Inc. (a)	104,418	6,070,863	YETI Holdings, Inc. (a)	60,654	2,355,801
Insulet Corp. (a)	28,359	8,177,034			
Integra LifeSciences Holdings Corp. (a)	124,885	5,136,520	Life Sciences Tools & Services 1.3%		
Shockwave Medical, Inc. (a)	11,624	3,317,606	Bio-Techne Corp.	46,359	3,784,285
		26,639,270	ICON plc (a)	21,451	5,367,040
Health Care Providers & Services 3.2%					9,151,325
Acadia Healthcare Co., Inc. (a)	62,810	5,002,189			
agilon health, Inc. (a)(b)	118,739	2,058,934	Machinery 7.5%	50.530	4 070 707
Encompass Health Corp.	66,323	4,490,730	Fortive Corp.	58,576	4,379,727
Molina Healthcare, Inc. (a)	37,494	11,294,693	Graco, Inc.	71,982	6,215,646
,		22,846,546	IDEX Corp.	32,345	6,962,585
			Ingersoll Rand, Inc.	117,085	7,652,676
Hotel & Resort REITs 0.3%			John Bean Technologies Corp.	49,173	5,964,685
Host Hotels & Resorts, Inc.	123,246	2,074,230	Lincoln Electric Holdings, Inc.	26,585	5,280,578
			Middleby Corp. (The) (a)	61,700	9,121,111
Hotels, Restaurants & Leisure 3.0%			Westinghouse Air Brake Technologies  Corp.	77,272	8,474,420
Choice Hotels International, Inc. (b)	56,755	6,669,848	COIP.	11,212	
Denny's Corp. (a)	384,566	4,737,853			54,051,428
Hyatt Hotels Corp., Class A	36,845	4,221,700	Media 0.6%		
Wyndham Hotels & Resorts, Inc.	85,574	5,867,809	Cable One, Inc.	6,043	3,970,734
		21,497,210			
			Metals & Mining 0.6%		
Household Durables 1.6%			Steel Dynamics, Inc.	36,345	3,959,061
NVR, Inc. (a)	1,760	11,177,091	oteer bynamics, inc.	30,343	3,333,001
Industrial REITs 0.3%			Multi-Utilities 0.6%		
Rexford Industrial Realty, Inc.	40,298	2,104,362	NiSource, Inc.	165,693	4,531,704
Incompany 5 50/			Oil, Gas & Consumable Fuels 5.7%		
Insurance 5.5%	4 400 100	7 004 100	Coterra Energy, Inc.	202,409	5,120,948
Aegon NV (Registered) (b)	1,432,186	7,261,183	Diamondback Energy, Inc.	43,881	5,764,208
Everest Re Group Ltd.	15,077	5,154,223	Marathon Oil Corp.	559,108	12,870,666
Globe Life, Inc.	39,600	4,340,952		230,100	,5, 0,000

### Portfolio of Investments June 30, 2023<sup>†^</sup>(Unaudited) (continued)

	Shares	Value
Common Stocks (continued)		
Oil, Gas & Consumable Fuels (continued)		
Ovintiv, Inc. (b)	204,614	\$ 7,789,655
Targa Resources Corp.	120,472	9,167,919
		40,713,396
Pharmaceuticals 1.2%		
Jazz Pharmaceuticals plc (a)	70,182	8,700,462
Professional Services 4.1%		
Ceridian HCM Holding, Inc. (a)	36,625	2,452,776
Genpact Ltd.	230,514	8,660,41
Leidos Holdings, Inc.	83,902	7,423,649
Robert Half International, Inc.	53,746	4,042,774
Science Applications International Corp.	38,021	4,276,602
TransUnion	36,239	2,838,60
		29,694,813
Retail REITs 1.2%		
Brixmor Property Group, Inc.	272,049	5,985,078
Kimco Realty Corp.	122,952	2,424,613
		8,409,69
Semiconductors & Semiconductor Equip	ment 3.3%	
First Solar, Inc. (a)	28,984	5,509,568
MKS Instruments, Inc.	121,099	13,090,802
Onto Innovation, Inc. (a)	10,568	1,230,855
Synaptics, Inc. (a)	47,816	4,082,530
		23,913,755
Software 2.5%		
Dynatrace, Inc. (a)	175,244	9,019,809
Fair Isaac Corp. (a)	7,733	6,257,62
HubSpot, Inc. (a)	4,371	2,325,765
		17,603,195
Specialized REITs 1.0%		
Gaming and Leisure Properties, Inc.	99,728	4,832,819
Life Storage, Inc.	20,278	2,696,163
		7,528,982
Specialty Retail 2.4%	0.4.00-	7.000 ===
CarMax, Inc. (a)	84,692	7,088,720
Chewy, Inc., Class A (a)(b)	159,931	6,312,477
Monro, Inc.	85,274	3,464,683
		16,865,880
<b>Technology Hardware, Storage &amp; Periphe</b> Super Micro Computer, Inc. (a)		
	8,853	2,206,610

	Shares	Value
Textiles, Apparel & Luxury Goods 2.2%		
Carter's, Inc.	62,927	\$ 4,568,500
Deckers Outdoor Corp. (a)	7,465	3,938,982
Steven Madden Ltd.	222,081	7,259,828
		15,767,310
Trading Companies & Distributors 1.8%		
AerCap Holdings NV (a)	107,404	6,822,302
Watsco, Inc. (b)	15,263	5,822,377
	,	12,644,679
Total Common Stocks		12,044,070
(Cost \$673,718,559)		715,506,112
(0031 \$\psi 1 3,1  10,009)		113,300,112
Short-Term Investments 2.1%		
Affiliated Investment Company 0.1%		
MainStay U.S. Government Liquidity Fund,		
5.06% (c)	1,099,889	1,099,889
Unaffiliated Investment Companies 2.0%		
Fidelity Government Portfolio,		
5.085% (c)(d)	4,000,000	4,000,000
Invesco Government & Agency Portfolio,	0.000.040	0.000.040
5.158% (c)(d)	8,232,843	8,232,843
RBC U.S. Government Money Market Fund, 5.081% (c)(d)	2,000,000	2,000,000
	2,000,000	2,000,000
Total Unaffiliated Investment Companies (Cost \$14,232,843)		14,232,843
Total Short-Term Investments		14,202,040
(Cost \$15,332,732)		15,332,732
,		10,002,702
Total Investments	100 100	700,000,044
(Cost \$689,051,291)	102.1%	730,838,844
Other Assets, Less Liabilities	(2.1)	(15,002,114)
Net Assets	100.0%	\$ 715,836,730
† Percentages indicated are based on Portfol	io net assets.	

- ^ Industry classifications may be different than those used for compliance monitoring purposes.
- (a) Non-income producing security.
- (b) All or a portion of this security was held on loan. As of June 30, 2023, the aggregate market value of securities on loan was \$28,559,065; the total market value of collateral held by the Portfolio was \$29,098,493. The market value of the collateral held included non-cash collateral in the form of U.S. Treasury securities with a value of \$14,865,650. The Portfolio received cash collateral with a value of \$14,232,843. (See Note 2(H))
- (c) Current yield as of June 30, 2023.

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

#### Investments in Affiliates (in 000's)

Investments in issuers considered to be affiliate(s) of the Portfolio during the six-month period ended June 30, 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 Period	Purchases at Cost	Proceeds from Sales	Net Realized Gain/(Loss) on Sales	Change in Unrealized Appreciation/ (Depreciation)	Value, End of Period	Dividend Income	Other Distributions	Shares End of Period
MainStay U.S. Government Liquidity Fund	\$ 995	\$ 54,606	\$ (54,501)	\$ —	\$ —	\$ 1,100	\$ 44	\$ —	1,100

#### Abbreviation(s):

REIT—Real Estate Investment Trust

The following is a summary of the fair valuations according to the inputs used as of June 30, 2023, for valuing the Portfolio's assets:

Description Asset Valuation Inputs	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
•				
Investments in Securities (a) Common Stocks Short-Term Investments	\$ 715,506,112	\$ —	\$ —	\$ 715,506,112
Affiliated Investment Company	1,099,889	_	_	1,099,889
Unaffiliated Investment Companies	14,232,843			14,232,843
Total Short-Term Investments	15,332,732		_=	15,332,732
Total Investments in Securities	\$ 730,838,844	<u>\$ —</u>	<u>\$ —</u>	\$ 730,838,844

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

### Statement of Assets and Liabilities as of June 30, 2023 (Unaudited)

#### **Assets**

Investment in unaffiliated securities, at value (identified cost \$687,951,402) including securities on loan of \$28,559,065 Investment in affiliated investment companies, at value (identified cost \$1,099,889) Cash Receivables: Investment securities sold Dividends Portfolio shares sold Securities lending Other assets		
Investment in affiliated investment companies, at value (identified cost \$1,099,889)  Cash  Receivables: Investment securities sold Dividends Portfolio shares sold Securities lending  Other assets		
(identified cost \$1,099,889)  Cash  Receivables:     Investment securities sold     Dividends     Portfolio shares sold     Securities lending  Other assets	\$7	29,738,955
Cash Receivables: Investment securities sold Dividends Portfolio shares sold Securities lending Other assets		
Receivables: Investment securities sold Dividends Portfolio shares sold Securities lending Other assets		1,099,889
Investment securities sold Dividends Portfolio shares sold Securities lending Other assets		52
Dividends Portfolio shares sold Securities lending Other assets		
Portfolio shares sold Securities lending Other assets		1,587,089
Securities lending Other assets		251,491
Other assets		50,871
		4,804
Total accete		7,293
10141 433613	_7	32,740,444

#### Liabilities

Cash collateral received for securities on loan	14,232,843
Payables:	
Investment securities purchased	1,392,840
Portfolio shares redeemed	594,907
Manager (See Note 3)	483,155
NYLIFE Distributors (See Note 3)	87,770
Shareholder communication	69,737
Professional fees	27,192
Custodian	6,045
Accrued expenses	9,225
Total liabilities	16,903,714
Net assets	\$715,836,730

#### **Composition of Net Assets**

Shares of beneficial interest outstanding (par value of \$.001 per		
share) unlimited number of shares authorized	\$	92,303
Additional paid-in-capital	813	3,722,526
	813	,814,829
Total distributable earnings (loss)	(97	,978,099 <u>)</u>
Net assets	\$715	5,836,730

#### **Initial Class**

Net assets applicable to outstanding shares	\$279,6	602,747
Shares of beneficial interest outstanding	35,	141,582
Net asset value per share outstanding	\$	7.96

#### **Service Class**

Net assets applicable to outstanding shares	\$436,233,			
Shares of beneficial interest outstanding	Ę	57,160,992		
Net asset value per share outstanding	\$	7.63		

### Statement of Operations for the six months ended June 30, 2023 (Unaudited)

#### **Investment Income (Loss)**

investinent income (LOSS)	
<b>Income</b> Dividends-unaffiliated (net of foreign tax withholding of	
\$26,742)	\$ 3,864,607
Dividends-affiliated	44,344
Securities lending, net	27,687
Total income	3,936,638
Expenses	
Manager (See Note 3)	3,017,446
Distribution/Service—Service Class (See Note 3)	534,265
Professional fees	45,462
Custodian	18,998
Trustees	8,760
Miscellaneous	7,577
Total expenses before waiver/reimbursement	3,632,508
Expense waiver/reimbursement from Manager (See Note 3)	(45,294)
Net expenses	3,587,214
Net investment income (loss)	349,424
Realized and Unrealized Gain (Loss)	
Net realized gain (loss) on:	
Unaffiliated investment transactions	(53,199,752)
Foreign currency transactions	(7)
Net realized gain (loss)	(53,199,759)
Net change in unrealized appreciation (depreciation) on:	
Unaffiliated investments	102,871,567
Translation of other assets and liabilities in foreign currencies	(15)
Net change in unrealized appreciation (depreciation)	102,871,552
Net realized and unrealized gain (loss)	49,671,793
Net increase (decrease) in net assets resulting from operations	\$ 50,021,217

### **Statements of Changes in Net Assets**

for the six months ended June 30, 2023 (Unaudited) and the year ended December 31, 2022

	Six months ended June 30, 2023	Year ended December 31, 2022
Increase (Decrease) in Net As	sets	
Operations:		
Net investment income (loss)	\$ 349,424	. , , ,
Net realized gain (loss)	(53,199,759)	(85,034,575)
Net change in unrealized appreciation		(405 440 000)
(depreciation)	102,871,552	(105,118,238)
Net increase (decrease) in net assets	50.004.045	// 00 00E 00E
resulting from operations	50,021,217	(190,365,837)
Distributions to shareholders:		(440,405,007)
Initial Class	_	(116,195,297)
Service Class		(181,440,133)
Total distributions to shareholders		(297,635,430)
Capital share transactions:  Net proceeds from sales of shares  Net asset value of shares issued to	17,513,918	49,449,693
shareholders in reinvestment of		
distributions	_	297,635,430
Cost of shares redeemed	(64,195,046)	(78,282,585)
Increase (decrease) in net assets derived from capital share		
transactions	(46,681,128)	268,802,538
Net increase (decrease) in net assets	3,340,089	(219,198,729)
Net Assets		
Beginning of period	712,496,641	931,695,370
End of period	\$715,836,730	\$ 712,496,641

### Financial Highlights selected per share data and ratios

	months ended une 30,	Year Ended December 31,									
Initial Class	2023*	2022		2021		2020		2019			2018
Net asset value at beginning of period	\$ 7.42	\$	16.34	\$	13.96	\$	13.56	\$	11.94	\$	15.57
Net investment income (loss) (a)	0.01		0.02		(0.02)		0.08		0.11		0.16
Net realized and unrealized gain (loss)	 0.53		(3.69)		2.80		1.32		2.54	_	(1.68)
Total from investment operations	 0.54		(3.67)		2.78		1.40		2.65		(1.52)
Less distributions:											
From net investment income	_		_		(0.10)		(0.12)		(0.16)		(0.15)
From net realized gain on investments	 		(5.25)		(0.30)		(0.88)		(0.87)		(1.96)
Total distributions	 		(5.25)		(0.40)		(1.00)		(1.03)		(2.11)
Net asset value at end of period	\$ 7.96	\$	7.42	\$	16.34	\$	13.96	\$	13.56	\$	11.94
Total investment return (b)	7.28%(c)		(20.52)%		20.00%		11.28%		22.88%		(11.98)%
Ratios (to average net assets)/Supplemental Data:											
Net investment income (loss)	0.25%†	+	0.13%		(0.12)%		0.65%		0.84%		1.08%
Net expenses (d)	0.86%	†	0.86%		0.86%		0.86%		0.86%		0.86%
Expenses (before waiver/reimbursement) (d)	0.87%+	-	0.89%		0.89%		0.89%		0.88%		0.88%
Portfolio turnover rate	33%		49%		54%		178%		174%		181%
Net assets at end of period (in 000's)	\$ 279,603	\$	286,378	\$	360,437	\$	346,379	\$	398,240	\$	453,343

<sup>\*</sup> Unaudited.

<sup>††</sup> Annualized.

<sup>(</sup>a) Per share data based on average shares outstanding during the period.

<sup>(</sup>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.

 $<sup>\</sup>begin{tabular}{ll} \begin{tabular}{ll} \beg$ 

<sup>(</sup>d) 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.

### Financial Highlights selected per share data and ratios

	(	months ended une 30,	Year Ended December 31,									
Service Class		2023 <sup>*</sup>		2022	2021		2020		2019			2018
Net asset value at beginning of period	\$	7.13	\$	16.00	\$	13.68	\$	13.32	\$	11.74	\$	15.35
Net investment income (loss) (a)		0.00‡		(0.01)		(0.04)		0.05		0.08		0.12
Net realized and unrealized gain (loss)		0.50		(3.61)		2.72		1.28		2.49	_	(1.66)
Total from investment operations		0.50		(3.62)		2.68		1.33		2.57		(1.54)
Less distributions:												
From net investment income		_		_		(0.06)		(0.09)		(0.12)		(0.11)
From net realized gain on investments				(5.25)		(0.30)		(0.88)		(0.87)	_	(1.96)
Total distributions				(5.25)		(0.36)		(0.97)		(0.99)		(2.07)
Net asset value at end of period	\$	7.63	\$	7.13	\$	16.00	\$	13.68	\$	13.32	\$	11.74
Total investment return (b)		7.01%(c	)	(20.71)%		19.70%		11.00%		22.57%		(12.20)%
Ratios (to average net assets)/Supplemental Data:												
Net investment income (loss)		0.00%†	†(d)	(0.13)%		(0.25)%		0.42%		0.58%		0.83%
Net expenses (e)		1.11%†	†	1.11%		1.11%		1.11%		1.11%		1.11%
Expenses (before waiver/reimbursement) (e)		1.12%†	†	1.14%		1.14%		1.14%		1.13%		1.13%
Portfolio turnover rate		33%		49%		54%		178%		174%		181%
Net assets at end of period (in 000's)	\$	436,234	\$	426,119	\$	571,259	\$	551,856	\$	516,445	\$	395,800

<sup>\*</sup> Unaudited.

<sup>‡</sup> Less than one cent per share.

<sup>††</sup> Annualized.

<sup>(</sup>a) Per share data based on average shares outstanding during the period.

<sup>(</sup>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.

<sup>(</sup>c) Total investment return may reflect adjustments to conform to generally accepted accounting principles.

<sup>(</sup>d) Less than 0.01%.

<sup>(</sup>e) 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 (Unaudited)

#### 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 Wellington Mid Cap 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	July 2, 2001
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 long-term growth of capital.

#### **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 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 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

### Notes to Financial Statements (Unaudited) (continued)

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 June 30, 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 six-month period ended June 30, 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 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.

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.

**(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.

**(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) 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.

**(H) 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

### Notes to Financial Statements (Unaudited) (continued)

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. Securities on loan as of June 30, 2023, are shown in the Portfolio of Investments.

(I) 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.

#### **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 to the Portfolio. Wellington Management Company LLP ("Wellington" or the "Subadvisor"), a registered investment adviser, serves as the Subadvisor to the Portfolio and is responsible for the day-to-day portfolio management of the Portfolio. Pursuant to the terms of a Subadvisory Agreement between New York Life Investments and Wellington, 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: 0.85% up to \$1 billion; 0.80% from \$1 billion to \$2 billion; and 0.775% in excess of \$2 billion. During the six-month period ended June 30, 2023, the effective management fee rate was 0.85% (exclusive of any applicable waivers/reimbursements).

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 0.86% and 1.11%, 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 six-month period ended June 30, 2023, New York Life Investments earned fees from the Portfolio in the amount of \$3,017,446 and waived fees and/or reimbursed certain class specific expenses in the amount of \$45,294 and paid the Subadvisor fees in the amount of \$1,328,593.

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 June 30, 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	\$709,724,593	\$63,003,406	\$(41,889,155)	\$21,114,251

As of December 31, 2022, for federal income tax purposes, capital loss carryforwards of \$66,556,681, as shown in the table below, were available to the extent provided by the regulations to offset future realized gains of the Portfolio. Accordingly, no capital gains distributions are expected to be paid to shareholders until net gains have been realized in excess of such amounts.

Capital Loss Available Through	Short-Term Capital Loss Amounts (000's)	Long-Term Capital Loss Amounts (000's)
Unlimited	\$21,985	\$44,572

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

	2022
Distributions paid from:	
Ordinary Income	\$163,719,831
Long-Term Capital Gains	133,915,599
Total	\$297,635,430

#### 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 six-month period ended June 30, 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 six-month period ended June 30, 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 six-month period ended June 30, 2023, purchases and sales of securities, other than short-term securities, were \$238,115 and \$284,038, respectively.

### Notes to Financial Statements (Unaudited) (continued)

#### **Note 9-Capital Share Transactions**

Transactions in capital shares for the six-month period ended June 30, 2023 and the year ended December 31, 2022, were as follows:

Initial Class	Shares	Amount
Six-month period ended June 30, 2023:		
Shares sold	763,853	\$ 5,866,467
Shares redeemed	(4,213,045)	(32,698,154)
Net increase (decrease)	(3,449,192)	\$(26,831,687)
Year ended December 31, 2022:		
Shares sold	1,878,622	\$ 23,300,580
Shares issued to shareholders in		
reinvestment of distributions	16,591,980	116,195,297
Shares redeemed	(1,943,510)	(23,906,575)
Net increase (decrease)	16,527,092	\$115,589,302

Service Class	Shares	Amount
Six-month period ended June 30, 2023: Shares sold Shares redeemed	1,581,028 (4,211,653)	\$ 11,647,451 (31,496,892)
Net increase (decrease)	(2,630,625)	\$(19,849,441)
Year ended December 31, 2022: Shares sold Shares issued to shareholders in	2,130,972	\$ 26,149,113
reinvestment of distributions	26,963,106	181,440,133
Shares redeemed	(5,000,775)	(54,376,010)
Net increase (decrease)	24,093,303	\$153,213,236

#### Note 10-Other Matters

As of the date of this report, interest rates in the United States and many parts of the world, including certain European countries, continue to ascend from historically low levels. Thus, the Portfolio currently faces a heightened level of risk associated with rising interest rates. This could be driven by a variety of factors, including but not limited to central bank monetary policies, changing inflation or real growth rates, general economic conditions, increasing bond issuances or reduced market demand for low yielding investments.

Social, political, economic and other conditions and events, such as war, natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, social unrest, recessions, inflation, rapid interest rate changes and supply chain disruptions, may occur and could significantly impact the Portfolio, issuers, industries, governments and other systems, including the financial markets. Developments that disrupt global economies and financial markets, such as COVID-19, the conflict in Ukraine, and the failures of certain U.S. and non-U.S. banks, 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 six-month period ended June 30, 2023, events and transactions subsequent to June 30, 2023, through the date the financial statements were issued have been evaluated by the Manager for possible adjustment and/or disclosure. No subsequent events requiring financial statement adjustment or disclosure have been identified.

# Discussion of the Operation and Effectiveness of the Portfolio's Liquidity Risk Management Program (Unaudited)

In compliance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), the Portfolio has adopted and implemented a liquidity risk management program (the "Program"), which New York Life Investment Management LLC believes is reasonably designed to assess and manage the Portfolio's liquidity risk. A Portfolio's liquidity risk is the risk that the Portfolio could not meet requests to redeem shares issued by the Portfolio without significant dilution of the remaining investors' interests in the Portfolio. The Board of Trustees of MainStay VP Funds Trust (the "Board") previously approved the designation of New York Life Investment Management LLC as administrator of the Program (the "Administrator"). The Administrator has established a Liquidity Risk Management Committee to assist the Administrator in the implementation and day-to-day administration of the Program and to otherwise support the Administrator in fulfilling its responsibilities under the Program.

At a meeting of the Board held on February 28, 2023, the Administrator provided the Board with a written report addressing the Program's operation and assessing the adequacy and effectiveness of its implementation for the period from January 1, 2022, through December 31, 2022 (the "Review Period"), as required under the Liquidity Rule. The report noted that the Administrator concluded that (i) the Program operated effectively to assess and manage the Portfolio's liquidity risk, (ii) the Program has been and continues to be adequately and effectively implemented to monitor and, as applicable, respond to the Portfolio's liquidity developments and (iii) the Portfolio's investment strategy continues to be appropriate for an open-end fund. In addition, the report summarized the operation of the Program and the information and factors considered by the Administrator in its assessment of the Program's implementation, such as the liquidity risk assessment framework and the liquidity classification methodologies, and discussed notable geopolitical, market and other economic events that impacted liquidity risk during the Review Period.

In accordance with the Program, the Portfolio's liquidity risk is assessed no less frequently than annually taking into consideration certain factors, as applicable, such as (i) investment strategy and liquidity of portfolio investments, (ii) short-term and long-term cash flow projections, and (iii) holdings of cash and cash equivalents, as well as borrowing arrangements and other funding sources. Certain factors are considered under both normal and reasonably foreseeable stressed conditions.

Each Portfolio portfolio investment is classified into one of four liquidity categories. The classification is based on a determination of the number of days it is reasonably expected to take to convert the investment into cash, or sell or dispose of the investment, in current market conditions without significantly changing the market value of the investment. The Administrator has delegated liquidity classification determinations to the Portfolio's subadvisors, subject to appropriate oversight by the Administrator, and liquidity classification determinations are made by taking into account the Portfolio's reasonably anticipated trade size, various market, trading and investment-specific considerations, as well as market depth, and, in certain cases, third-party vendor data.

The Liquidity Rule requires portfolios that do not primarily hold assets that are highly liquid investments to adopt a minimum amount of net assets that must be invested in highly liquid investments that are assets (an "HLIM"). In addition, the Liquidity Rule limits a portfolio's investments in illiquid investments. Specifically, the Liquidity Rule prohibits acquisition of illiquid investments if, immediately after acquisition, doing so would result in a portfolio holding more than 15% of its net assets in illiquid investments that are assets. The Program includes provisions reasonably designed to determine, periodically review and comply with the HLIM requirement, as applicable, and to comply with the 15% limit on illiquid investments.

There can be no assurance that the Program will achieve its objectives under all circumstances in the future. Please refer to the Portfolio's prospectus for more information regarding the Portfolio's exposure to liquidity risk and other risks to which it may be subject.

# 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 <a href="https://www.sec.gov">www.sec.gov</a>. The most recent Form N-PX or proxy voting record is available free of charge upon request by calling 800-598-2019; visiting <a href="https://www.newyorklifeinvestments.com/investment-products/vp">https://www.newyorklifeinvestments.com/investment-products/vp</a>; or visiting the SEC's website at <a href="https://www.sec.gov">www.sec.gov</a>.

## 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 <a href="https://www.sec.gov">www.sec.gov</a>.

#### 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 MacKay International Equity Portfolio

MainStay VP Natural Resources Portfolio

MainStay VP S&P 500 Index Portfolio

MainStav 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

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

Income

MainStay VP Bond Portfolio

MainStay VP Floating Rate Portfolio

MainStay VP Indexed Bond Portfolio

MainStay VP MacKay Government Portfolio

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

**NYL Investors LLC\*** 

New York, New York

**Pacific Investment Management Company LLC** 

Newport Beach, California

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.

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<sup>\*</sup> An affiliate of New York Life Investment Management LLC.

#### 2023 Semiannual 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.

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#### **New York Life Insurance Company**

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#### newyorklifeinvestments.com

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

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