

MainStay VP Candriam Emerging Markets Equity Portfolio

Message from the President and Semiannual Report

Unaudited | June 30, 2023

Sign up for e-delivery of your shareholder reports. For full details on e-delivery, including who can participate and what you can receive via e-delivery, please log in to newyorklifeinvestments.com/accounts.

Not FDIC/NCUA Insured

Not a Deposit

May Lose Value

No Bank Guarantee

Not Insured by Any Government Agency



INVESTMENTS

This page intentionally left blank

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.

Table of Contents

Semiannual Report

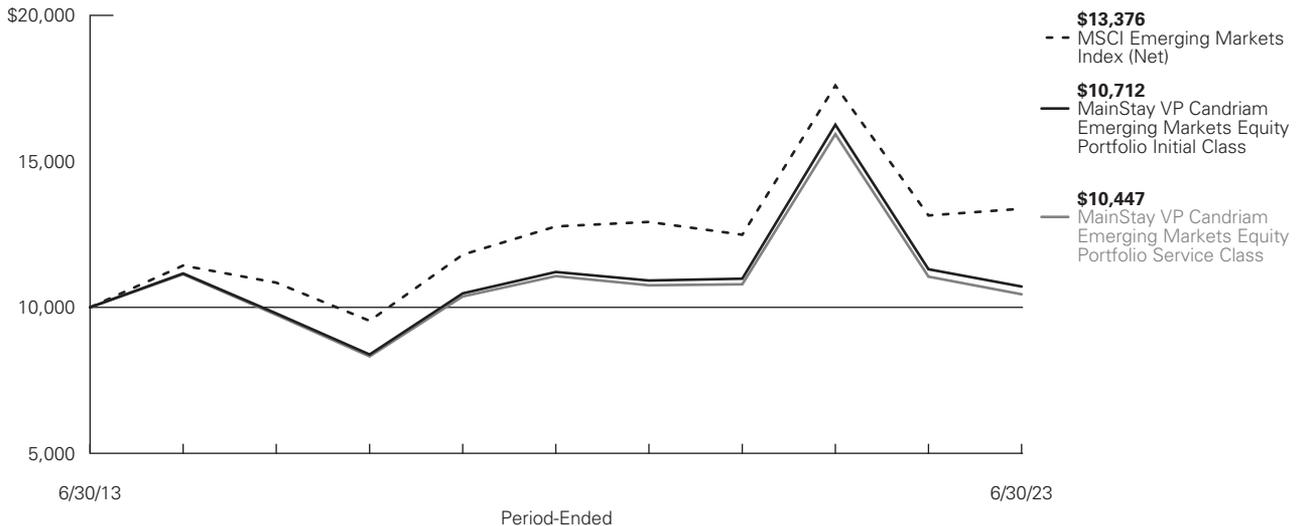
Investment and Performance Comparison	5
Portfolio Management Discussion and Analysis	8
Portfolio of Investments	10
Financial Statements	15
Notes to Financial Statements	20
Discussion of the Operation and Effectiveness of the Portfolio's Liquidity Risk Management Program	27
Proxy Voting Policies and Procedures and Proxy Voting Record	28
Shareholder Reports and Quarterly Portfolio Disclosure	28

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 ^{1, 2, 3}	Six Months ⁴	One Year	Five Years	Ten Years	Gross Expense Ratio ⁵
Initial Class Shares	2/17/2012	4.36%	-5.24%	-0.90%	0.69%	1.16%
Service Class Shares	2/17/2012	4.23	-5.47	-1.15	0.44	1.41

1. Effective January 13, 2015, the Portfolio changed its subadvisors and revised its principal investment strategies. The performance in the graph and table prior to that date reflects the Portfolio's prior subadvisors and principal investment strategies.
2. 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.
3. Effective May 1, 2021, the Portfolio replaced one of its subadvisors and modified its principal investment strategies. The past performance in the graph and table prior to that date reflects the Portfolio's prior subadvisor and principal investment strategies.
4. Not annualized.
5. 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 ¹	One Year	Five Years	Ten Years
MSCI Emerging Markets Index (Net) ²	4.89%	1.75%	0.93%	2.95%
Morningstar Diversified Emerging Markets Category Average ³	7.20	5.39	1.48	2.89

* 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 MSCI Emerging Markets Index (Net) is the Portfolio's primary benchmark. The MSCI Emerging Markets Index (Net) is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets.
3. The Morningstar Diversified Emerging Markets Category Average is representative of funds that tend to divide their assets among 20 or more nations, although they tend to focus on the emerging markets of Asia and Latin America rather than on those of the Middle East, Africa, or Europe. These funds invest predominantly in emerging market equities, but some funds also invest in both equities and fixed income investments from emerging markets. 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 Candriam Emerging Markets Equity 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 ¹	Ending Account Value (Based on Hypothetical 5% Annualized Return and Actual Expenses) 6/30/23	Expenses Paid During Period ¹	Net Expense Ratio During Period ²
Initial Class Shares	\$1,000.00	\$1,043.60	\$5.73	\$1,019.19	\$5.66	1.13%
Service Class Shares	\$1,000.00	\$1,042.30	\$6.99	\$1,017.95	\$6.90	1.38%

- 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.
- Expenses are equal to the Portfolio's annualized expense ratio to reflect the six-month period.

Country Composition as of June 30, 2023 (Unaudited)

China	29.9%	Turkey	0.8%
Taiwan	16.1	Peru	0.8
India	15.7	Malaysia	0.6
Republic of Korea	12.0	Russia	0.0‡
Brazil	7.2	Greece	0.0‡
Mexico	4.2	Hong Kong	0.0‡
South Africa	3.2	Other Assets, Less Liabilities	2.4
Indonesia	3.0		<u>100.0%</u>
Thailand	2.9		
Poland	1.2		

‡ Less than one-tenth of a percent.

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

Top Ten Holdings and/or Issuers Held as of June 30, 2023 (excluding short-term investments)
(Unaudited)

1. Taiwan Semiconductor Manufacturing Co. Ltd.	6. Ping An Insurance Group Co. of China Ltd., Class H
2. Tencent Holdings Ltd.	7. SK Hynix, Inc.
3. Alibaba Group Holding Ltd.	8. Axis Bank Ltd.
4. Samsung Electronics Co. Ltd.	9. LG Chem Ltd.
5. Reliance Industries Ltd.	10. Bharti Airtel Ltd.

Portfolio Management Discussion and Analysis (Unaudited)

Questions answered by Paulo Salazar, Philip Screve and Lamine Saidi of Candriam, the Portfolio's Subadvisor.

How did MainStay VP Candriam Emerging Markets Equity Portfolio perform relative to its benchmark and peers during the six months ended June 30, 2023?

For the six months ended June 30, 2023, MainStay VP Candriam Emerging Markets Equity Portfolio returned 4.36% for Initial Class shares and 4.23% for Service Class shares. Over the same period, both share classes underperformed the 4.89% return of the MSCI Emerging Markets Index (Net) (the "Index"), which is the Portfolio's benchmark, and the 7.20% return of the Morningstar Diversified Emerging Markets Category Average.¹

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

Returns relative to the Index were negatively affected by slower-than-anticipated recovery in China, undermining returns from the Portfolio's China reopening investment theme, which was added earlier in the reporting period. During the reporting period, we reduced the Portfolio's exposure to reopening investments to limit their impact. In terms of style, returns from emerging markets growth and quality factors underperformed value, further detracting from relative returns.

Conversely, the Portfolio's relative returns benefited from exposure to the theme of artificial intelligence (AI) through investments in AI-related semiconductor makers, including Alchip, Aspeed Technology, Taiwan Semiconductor Manufacturing Company (TSMC) and SK hynix. The boom in AI-related industrial activity and stock prices strengthened the fundamentals of companies from Asia, especially those from Taiwan and South Korea, which serve as hubs for semiconductor development and production, having incubated global leaders. Other positive investment themes included the recovery of capital expenditures in India, ecommerce recovery in Latin America and South Korea's post-pandemic reopening.

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

Relatively strong returns in the information technology sector as a result of stock selection bolstered relative returns, while negative returns in the consumer discretionary sector due to disappointing stock selection undermined the Portfolio's performance relative to the Index.

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 contributions to the Portfolio's absolute performance came from holdings in AI-related semiconductor makers TSMC, Alchip and SK hynix, all mentioned above. (Contributions take weightings and total returns into account.) The

most substantial detractors from the Portfolio's absolute performance included Meituan, JD.com and China Tourism. Chinese food-delivery company Meituan faced increasing competitive pressures. Increased competition and weak consumer spending weighed on shares of Chinese ecommerce player JD.com. Chinese resort and mall operator China Tourism was hurt by weak consumer spending, prompting the Portfolio to exit its position.

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

The most significant purchases during the reporting period included shares in South Korean industrial giant LG Chem and Brazilian banking company Banco do Brasil. LG Chem is a beneficiary of expanding global demand for electric vehicle batteries through the company's LG Energy Solution subsidiary. Banco do Brasil is positioned to benefit from growing credit demand in Brazil's agricultural sector.

During the same period, the Portfolio's most significant sales included positions in China-based restaurant chain Jiumaojiu International and Thailand-based utility company Energy Absolute. We saw few catalysts for Jiumaojiu International following the reopening in China, while Energy Absolute suffered as a result of valuation concerns and a weakening outlook.

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

The Portfolio increased its weighting relative to the Index in the materials and financials sectors, while decreasing its weightings in the consumer discretionary and health care sectors. In each case, we made the sector level changes to bring the Portfolio more closely in line with Index sector weightings.

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

Despite near-term fluctuations, we believe the long-term outlook for emerging markets equities remains positive. Although China faces headwinds, including macro weakness and volatile geopolitical challenges, in our opinion, current valuations reflect most of these concerns. The competitive environment in the consumer retail sector may trigger a shift in sector leadership, which is potentially beneficial for Chinese consumers. Furthermore, the current market scenario includes new secular growth themes such as the digital/cloud rollout for Chinese enterprises, advances in high-end manufacturing and integration of AI features by software and gaming leaders. The Portfolio is well positioned to benefit from these themes.

We also believe that rising demand for AI-associated processing and memory semiconductors is likely to remain a tailwind for the Portfolio's holdings in Taiwan and South Korea. From a

1. See page 5 for more information on benchmark and peer group returns.

value-chain perspective, multiple Asian companies are direct contributors to the AI theme's growth, and are expected to be long-term beneficiaries of the transition. In addition, South Korean firms are poised to gain advantages from demand related to the United States' Inflation Reduction Act (IRA) and the European Union's push to meet clean technology goals.

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.

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

Portfolio of Investments June 30, 2023[†](Unaudited)

	Shares	Value
Common Stocks 96.4%		
Brazil 6.0%		
Banco do Brasil SA (Banks)	265,000	\$ 2,734,013
Localiza Rent a Car SA (Ground Transportation)	148,000	2,117,288
MercadoLibre, Inc. (Broadline Retail) (a)	1,400	1,658,440
NU Holdings Ltd., Class A (Banks) (a)	192,000	1,514,880
PRIO SA (Oil, Gas & Consumable Fuels) (a)	216,000	1,672,712
Raia Drogasil SA (Consumer Staples Distribution & Retail)	290,060	1,793,111
WEG SA (Electrical Equipment)	236,000	1,860,616
		<u>13,351,060</u>
China 29.9%		
Aier Eye Hospital Group Co. Ltd., Class A (Health Care Providers & Services)	364,116	929,833
Airtac International Group (Machinery)	38,000	1,250,622
Alibaba Group Holding Ltd. (Broadline Retail) (a)	635,000	6,580,143
Anhui Huaheng Biotechnology Co. Ltd., Class A (Chemicals)	44,592	555,432
ANTA Sports Products Ltd. (Textiles, Apparel & Luxury Goods)	110,000	1,123,724
Asia Cement China Holdings Corp. (Construction Materials) (a)	15,500	7,655
Baidu, Inc., Class A (Interactive Media & Services) (a)	128,000	2,169,270
Bank of Jiangsu Co. Ltd., Class A (Banks) (a)	3,239,994	3,278,330
Beijing Compass Technology Development Co. Ltd., Class A (Capital Markets) (a)	109,992	735,748
BYD Co. Ltd., Class H (Automobiles)	61,000	1,946,146
BYD Electronic International Co. Ltd. (Communications Equipment)	450,000	1,361,026
China Merchants Bank Co. Ltd., Class H (Banks)	540,000	2,453,293
China Resources Land Ltd. (Real Estate Management & Development)	460,000	1,948,954
CMOC Group Ltd., Class H (Metals & Mining)	1,900,539	994,412
Contemporary Amperex Technology Co. Ltd., Class A (Electrical Equipment)	45,573	1,435,377
Flat Glass Group Co. Ltd., Class H (Semiconductors & Semiconductor Equipment)	230,000	785,158
Haidilao International Holding Ltd. (Hotels, Restaurants & Leisure) (b)	50,000	110,005
JD Health International, Inc. (Consumer Staples Distribution & Retail) (a)(b)	150,000	946,593

	Shares	Value
China (continued)		
JD.com, Inc., Class A (Broadline Retail)	92,000	\$ 1,554,467
Kanzhun Ltd., ADR (Interactive Media & Services) (a)	46,000	692,300
Kingsoft Corp. Ltd. (Entertainment)	250,000	984,239
Li Auto, Inc., Class A (Automobiles) (a)	50,000	864,599
Longshine Technology Group Co. Ltd., Class A (Software)	256,991	823,611
Luzhou Laojiao Co. Ltd., Class A (Beverages)	34,000	980,910
Meituan (Hotels, Restaurants & Leisure) (a)(b)	202,000	3,152,705
NARI Technology Co. Ltd., Class A (Electrical Equipment)	313,196	995,977
NetEase, Inc. (Entertainment)	118,000	2,297,958
Ningbo Deye Technology Co. Ltd., Class A (Machinery)	40,185	827,316
Nongfu Spring Co. Ltd., Class H (Beverages) (b)	330,000	1,821,401
PDD Holdings, Inc., ADR (Broadline Retail) (a)	23,000	1,590,220
PetroChina Co. Ltd., Class H (Oil, Gas & Consumable Fuels)	2,800,000	1,936,702
Ping An Insurance Group Co. of China Ltd., Class H (Insurance)	750,000	4,771,248
Proya Cosmetics Co. Ltd., Class A (Personal Care Products)	76,945	1,190,606
Shanghai Baosight Software Co. Ltd., Class A (Software)	180,576	1,263,079
Shenzhen Inovance Technology Co. Ltd., Class A (Machinery)	152,000	1,343,592
Tencent Holdings Ltd. (Interactive Media & Services)	195,000	8,251,914
Yadea Group Holdings Ltd. (Automobiles) (b)	720,000	1,637,366
Zijin Mining Group Co. Ltd., Class H (Metals & Mining)	839,821	<u>1,232,509</u>
		<u>66,824,440</u>
Greece 0.0% ‡		
FF Group (Textiles, Apparel & Luxury Goods) (a)(c)(d)	19,000	—
Hong Kong 0.0% ‡		
China Lumena New Materials Corp. (Chemicals) (a)(c)(d)	6,500	—
India 15.7%		
ABB India Ltd. (Electrical Equipment)	50,000	2,695,760

	Shares	Value
Common Stocks (continued)		
India (continued)		
APL Apollo Tubes Ltd. (Metals & Mining)	94,000	\$ 1,495,658
Apollo Hospitals Enterprise Ltd. (Health Care Providers & Services)	25,000	1,553,642
Axis Bank Ltd. (Banks)	326,000	3,923,981
Bajaj Finance Ltd. (Consumer Finance)	24,000	2,094,859
Bharti Airtel Ltd. (Wireless Telecommunication Services)	312,000	3,342,059
HDFC Bank Ltd. (Banks)	114,000	2,364,316
ICICI Bank Ltd. (Banks)	184,000	2,096,225
Indraprastha Gas Ltd. (Gas Utilities)	146,000	842,421
Infosys Ltd. (IT Services)	48,000	781,411
KPIT Technologies Ltd. (Software)	60,000	797,062
Mahindra & Mahindra Ltd. (Automobiles)	124,000	2,197,156
Reliance Industries Ltd. (Oil, Gas & Consumable Fuels)	156,000	4,849,551
SBI Cards & Payment Services Ltd. (Consumer Finance)	154,000	1,590,380
Tata Elxsi Ltd. (Software)	9,000	832,516
Torrent Pharmaceuticals Ltd. (Pharmaceuticals)	66,000	1,532,575
Varun Beverages Ltd. (Beverages)	230,000	2,250,060
		<u>35,239,632</u>
Indonesia 3.0%		
Aneka Tambang Tbk. (Metals & Mining)	7,800,000	1,013,073
Bank Central Asia Tbk. PT (Banks)	4,960,000	3,057,711
Merdeka Copper Gold Tbk. PT (Metals & Mining) (a)	7,000,000	1,426,050
Sumber Alfaria Trijaya Tbk. PT (Consumer Staples Distribution & Retail)	7,600,000	1,308,801
		<u>6,805,635</u>
Malaysia 0.6%		
Press Metal Aluminium Holdings Bhd. (Metals & Mining)	1,360,000	1,369,470
Mexico 4.2%		
America Movil SAB de CV (Wireless Telecommunication Services)	2,980,000	3,238,184
Gruma SAB de CV, Class B (Food Products)	114,000	1,830,047
Grupo Aeroportuario del Pacifico SAB de CV, Class B (Transportation Infrastructure)	78,000	1,400,008
Grupo Financiero Banorte SAB de CV, Class O (Banks)	346,000	2,854,394
		<u>9,322,633</u>

	Shares	Value
Peru 0.8%		
Credicorp Ltd. (Banks)	11,600	\$ 1,712,624
Poland 1.2%		
Dino Polska SA (Consumer Staples Distribution & Retail) (a)(b)	22,600	2,639,108
Republic of Korea 12.0%		
Coupang, Inc. (Broadline Retail) (a)	64,000	1,113,600
Daejoo Electronic Materials Co. Ltd. (Electronic Equipment, Instruments & Components)	7,000	512,655
DB Insurance Co. Ltd. (Insurance)	10,000	566,159
JYP Entertainment Corp. (Entertainment)	18,200	1,806,671
KB Financial Group, Inc. (Banks)	59,000	2,138,087
L&F Co. Ltd. (Electronic Equipment, Instruments & Components)	4,400	811,445
LG Chem Ltd. (Chemicals)	7,400	3,745,911
Samsung Biologics Co. Ltd. (Life Sciences Tools & Services) (a)(b)	3,900	2,202,102
Samsung Electronics Co. Ltd. (Technology Hardware, Storage & Peripherals)	96,000	5,260,274
Samsung Engineering Co. Ltd. (Construction & Engineering) (a)	110,000	2,362,539
Samsung SDI Co. Ltd. (Electronic Equipment, Instruments & Components)	3,800	1,929,344
SK Hynix, Inc. (Semiconductors & Semiconductor Equipment)	50,000	4,371,419
		<u>26,820,206</u>
Russia 0.0% ‡		
Magnit PJSC (Consumer Staples Distribution & Retail) (a)(c)(d)	22,529	—
South Africa 3.2%		
Capitec Bank Holdings Ltd. (Banks)	13,200	1,099,574
FirstRand Ltd. (Financial Services)	600,000	2,183,702
Gold Fields Ltd. (Metals & Mining)	150,000	2,085,196
Naspers Ltd., Class N (Broadline Retail)	10,600	1,914,294
		<u>7,282,766</u>
Taiwan 16.1%		
Accton Technology Corp. (Communications Equipment)	224,000	2,510,106
Alchip Technologies Ltd. (Semiconductors & Semiconductor Equipment)	43,000	2,478,287
ASPEED Technology, Inc. (Semiconductors & Semiconductor Equipment)	11,000	1,006,598

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

Portfolio of Investments June 30, 2023^{†^} (Unaudited) (continued)

	Shares	Value
Common Stocks (continued)		
Taiwan (continued)		
Chailease Holding Co. Ltd. (Financial Services) (a)	374,200	\$ 2,451,052
CTBC Financial Holding Co. Ltd. (Banks)	3,100,000	2,473,471
Delta Electronics, Inc. (Electronic Equipment, Instruments & Components)	292,000	3,229,912
E Ink Holdings, Inc. (Electronic Equipment, Instruments & Components)	160,000	1,155,902
Taiwan Semiconductor Manufacturing Co. Ltd. (Semiconductors & Semiconductor Equipment)	1,021,000	18,882,821
Voltronic Power Technology Corp. (Electrical Equipment)	30,000	1,892,790
		<u>36,080,939</u>
Thailand 2.9%		
Airports of Thailand PCL, NVDR (Transportation Infrastructure) (a)	1,200,000	2,436,892
Bangkok Dusit Medical Services PCL, NVDR (Health Care Providers & Services)	1,700,000	1,330,560
CP ALL PCL, NVDR (Consumer Staples Distribution & Retail)	620,000	1,092,935
Kasikornbank PCL, NVDR (Banks)	420,000	1,534,057
		<u>6,394,444</u>
Turkey 0.8%		
BIM Birlesik Magazalar A/S (Consumer Staples Distribution & Retail)	282,000	1,851,339
Total Common Stocks (Cost \$217,400,460)		<u>215,694,296</u>

	Shares	Value
Preferred Stock 1.2%		
Brazil 1.2%		
Itau Unibanco Holding SA (Banks)	456,000	\$ 2,706,554
Total Preferred Stock (Cost \$2,226,026)		<u>2,706,554</u>
Total Investments (Cost \$219,626,486)	97.6%	218,400,850
Other Assets, Less Liabilities	2.4	5,418,422
Net Assets	<u>100.0%</u>	<u>\$ 223,819,272</u>

† Percentages indicated are based on Portfolio net assets.

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

‡ Less than one-tenth of a percent.

(a) Non-income producing security.

(b) May be sold to institutional investors only under Rule 144A or securities offered pursuant to Section 4(a)(2) of the Securities Act of 1933, as amended.

(c) Illiquid security—As of June 30, 2023, the total market value deemed illiquid under procedures approved by the Board of Trustees was \$0, which represented less than one-tenth of a percent of the Portfolio's net assets.

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

Abbreviation(s):

ADR—American Depositary Receipt

NVDR—Non-Voting Depositary Receipt

PCL—Provision for Credit Losses

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	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Asset Valuation Inputs				
Investments in Securities (a)				
Common Stocks				
Indonesia	\$ —	\$ 6,805,635	\$ —	\$ 6,805,635
Turkey	—	1,851,339	—	1,851,339
All Other Countries	<u>207,037,322</u>	<u>—</u>	<u>—</u>	<u>207,037,322</u>
Total Common Stocks	<u>207,037,322</u>	<u>8,656,974</u>	<u>—</u>	<u>215,694,296</u>
Preferred Stock	<u>2,706,554</u>	<u>—</u>	<u>—</u>	<u>2,706,554</u>
Total Investments in Securities	<u>\$ 209,743,876</u>	<u>\$ 8,656,974</u>	<u>\$ —</u>	<u>\$ 218,400,850</u>

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

Portfolio of Investments June 30, 2023^{†^}(Unaudited) (continued)

The table below sets forth the diversification of the Portfolio's investments by industry.

Industry Diversification

	Value	Percent ^{†^}
Automobiles	\$ 6,645,267	3.0%
Banks	35,941,510	16.1
Beverages	5,052,371	2.3
Broadline Retail	14,411,164	6.4
Capital Markets	735,748	0.3
Chemicals	4,301,343	1.9
Communications Equipment	3,871,132	1.7
Construction & Engineering	2,362,539	1.1
Construction Materials	7,655	0.0 [‡]
Consumer Finance	3,685,239	1.6
Consumer Staples Distribution & Retail	9,631,887	4.3
Electrical Equipment	8,880,520	4.0
Electronic Equipment, Instruments & Components	7,639,258	3.4
Entertainment	5,088,868	2.3
Financial Services	4,634,754	2.1
Food Products	1,830,047	0.8
Gas Utilities	842,421	0.4
Ground Transportation	2,117,288	0.9
Health Care Providers & Services	3,814,035	1.7
Hotels, Restaurants & Leisure	3,262,710	1.5
Insurance	5,337,407	2.4
Interactive Media & Services	11,113,484	5.0
IT Services	781,411	0.3
Life Sciences Tools & Services	2,202,102	1.0
Machinery	3,421,530	1.5
Metals & Mining	9,616,368	4.3
Oil, Gas & Consumable Fuels	8,458,965	3.8
Personal Care Products	1,190,606	0.5
Pharmaceuticals	1,532,575	0.7
Real Estate Management & Development	1,948,954	0.9
Semiconductors & Semiconductor Equipment	27,524,283	12.3
Software	3,716,268	1.7
Technology Hardware, Storage & Peripherals	5,260,274	2.3
Textiles, Apparel & Luxury Goods	1,123,724	0.5
Transportation Infrastructure	3,836,900	1.7
Wireless Telecommunication Services	<u>6,580,243</u>	<u>2.9</u>

	Value	Percent ^{†^}
	218,400,850	97.6
Other Assets, Less Liabilities	<u>5,418,422</u>	<u>2.4</u>
Net Assets	<u>\$223,819,272</u>	<u>100.0%</u>

† Percentages indicated are based on Portfolio net assets.

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

‡ Less than one-tenth of a percent.

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

Assets

Investment in securities, at value (identified cost \$219,626,486)	\$218,400,850
Cash	5,008,756
Cash denominated in foreign currencies (identified cost \$1,041,428)	1,038,718
Receivables:	
Investment securities sold	1,392,154
Dividends	790,518
Portfolio shares sold	8,088
Other assets	<u>2,604</u>
Total assets	<u>226,641,688</u>

Liabilities

Payables:	
Investment securities purchased	1,690,229
Foreign capital gains tax (See Note 2)	699,103
Manager (See Note 3)	185,885
Portfolio shares redeemed	102,823
Custodian	52,873
Shareholder communication	32,686
Professional fees	27,563
NYLIFE Distributors (See Note 3)	14,282
Accrued expenses	<u>16,972</u>
Total liabilities	<u>2,822,416</u>
Net assets	<u>\$223,819,272</u>

Composition of Net Assets

Shares of beneficial interest outstanding (par value of \$.001 per share) unlimited number of shares authorized	\$ 32,457
Additional paid-in-capital	<u>277,911,964</u>
	277,944,421
Total distributable earnings (loss)	<u>(54,125,149)</u>
Net assets	<u>\$223,819,272</u>

Initial Class

Net assets applicable to outstanding shares	<u>\$155,133,382</u>
Shares of beneficial interest outstanding	<u>22,506,224</u>
Net asset value per share outstanding	<u>\$ 6.89</u>

Service Class

Net assets applicable to outstanding shares	<u>\$ 68,685,890</u>
Shares of beneficial interest outstanding	<u>9,951,175</u>
Net asset value per share outstanding	<u>\$ 6.90</u>

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

Investment Income (Loss)

Income

Dividends (net of foreign tax withholding of \$237,163)	\$ 2,506,418
Securities lending, net	1,818
Other	<u>24,492</u>
Total income	<u>2,532,728</u>

Expenses

Manager (See Note 3)	1,137,110
Custodian	94,388
Distribution/Service—Service Class (See Note 3)	88,183
Professional fees	57,821
Trustees	2,910
Miscellaneous	<u>7,804</u>
Total expenses before waiver/reimbursement	1,388,216
Reimbursement from prior custodian ^(a)	<u>(10,272)</u>
Net expenses	<u>1,377,944</u>
Net investment income (loss)	<u>1,154,784</u>

Realized and Unrealized Gain (Loss)

Net realized gain (loss) on:	
Unaffiliated investment transactions ^(b)	(9,709,595)
Foreign currency transactions	<u>(147,161)</u>
Net realized gain (loss)	<u>(9,856,756)</u>
Net change in unrealized appreciation (depreciation) on:	
Unaffiliated investments ^(c)	18,939,357
Translation of other assets and liabilities in foreign currencies	<u>(82,978)</u>
Net change in unrealized appreciation (depreciation)	<u>18,856,379</u>
Net realized and unrealized gain (loss)	<u>8,999,623</u>
Net increase (decrease) in net assets resulting from operations	<u>\$10,154,407</u>

(a) Represents a refund for overbilling of custody fees.

(b) Realized gain (loss) on security transactions recorded net of foreign capital gains tax in the amount of \$(43,924).

(c) Net change in unrealized appreciation (depreciation) on investments recorded net of foreign capital gains tax in the amount of \$(249,856).

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 Assets		
Operations:		
Net investment income (loss)	\$ 1,154,784	\$ 3,076,160
Net realized gain (loss)	(9,856,756)	(44,773,229)
Net change in unrealized appreciation (depreciation)	18,856,379	(48,297,244)
Net increase (decrease) in net assets resulting from operations	10,154,407	(89,994,313)
Distributions to shareholders:		
Initial Class	—	(25,368,728)
Service Class	—	(11,240,825)
Total distributions to shareholders	—	(36,609,553)
Capital share transactions:		
Net proceeds from sales of shares	3,389,386	25,988,468
Net asset value of shares issued to shareholders in reinvestment of distributions	—	36,609,553
Cost of shares redeemed	(18,825,486)	(20,777,407)
Increase (decrease) in net assets derived from capital share transactions	(15,436,100)	41,820,614
Net increase (decrease) in net assets	(5,281,693)	(84,783,252)
Net Assets		
Beginning of period	229,100,965	313,884,217
End of period	\$223,819,272	\$229,100,965

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

Financial Highlights selected per share data and ratios

Initial Class	Six months ended	Year Ended December 31,				
	June 30, 2023*	2022	2021	2020	2019	2018
Net asset value at beginning of period	\$ 6.60	\$ 11.16	\$ 11.51	\$ 9.46	\$ 7.99	\$ 10.22
Net investment income (loss)	0.04(a)	0.11	0.12(a)	0.07(a)	0.19(a)	0.12(a)
Net realized and unrealized gain (loss)	0.25	(3.39)	(0.34)	2.30	1.41	(2.21)
Total from investment operations	0.29	(3.28)	(0.22)	2.37	1.60	(2.09)
Less distributions:						
From net investment income	—	(0.09)	(0.13)	(0.32)	(0.13)	(0.14)
From net realized gain on investments	—	(1.19)	—	—	—	—
Total distributions	—	(1.28)	(0.13)	(0.32)	(0.13)	(0.14)
Net asset value at end of period	\$ 6.89	\$ 6.60	\$ 11.16	\$ 11.51	\$ 9.46	\$ 7.99
Total investment return (b)	4.39%(c)	(28.72)%	(2.00)%	25.71%	20.08%	(20.55)%
Ratios (to average net assets)/Supplemental Data:						
Net investment income (loss)	1.10%††(d)	1.28%	1.02%	0.79%	2.18%	1.27%
Net expenses (e)	1.13%††(f)	1.16%	1.13%	1.18%	1.17%	1.16%
Expenses (before waiver/reimbursement) (e)	1.14%††	1.16%	1.14%	1.18%	1.17%	1.16%
Portfolio turnover rate	34%	115%	63%	123%	121%	135%
Net assets at end of period (in 000's)	\$ 155,133	\$ 158,187	\$ 211,647	\$ 257,933	\$ 273,042	\$ 371,834

* Unaudited.

†† Annualized.

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

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

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

(d) Without the custody fee reimbursement, net investment income (loss) would have been 1.09%.

(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.

(f) Without the custody fee reimbursement, net expenses would have been 1.14%.

Financial Highlights selected per share data and ratios

Service Class	Six months ended	Year Ended December 31,				
	June 30, 2023*	2022	2021	2020	2019	2018
Net asset value at beginning of period	\$ 6.62	\$ 11.16	\$ 11.52	\$ 9.45	\$ 7.98	\$ 10.20
Net investment income (loss)	0.03(a)	0.09	0.09(a)	0.05(a)	0.17(a)	0.10(a)
Net realized and unrealized gain (loss)	0.25	(3.39)	(0.35)	2.31	1.40	(2.21)
Total from investment operations	0.28	(3.30)	(0.26)	2.36	1.57	(2.11)
Less distributions:						
From net investment income	—	(0.05)	(0.10)	(0.29)	(0.10)	(0.11)
From net realized gain on investments	—	(1.19)	—	—	—	—
Total distributions	—	(1.24)	(0.10)	(0.29)	(0.10)	(0.11)
Net asset value at end of period	\$ 6.90	\$ 6.62	\$ 11.16	\$ 11.52	\$ 9.45	\$ 7.98
Total investment return (b)	4.23%	(28.89)%	(2.25)%	25.40%	19.78%	(20.74)%
Ratios (to average net assets)/Supplemental Data:						
Net investment income (loss)	0.83%††(c)	1.03%	0.78%	0.57%	2.00%	1.07%
Net expenses (d)	1.38%††(e)	1.41%	1.38%	1.43%	1.42%	1.41%
Expenses (before waiver/reimbursement) (d)	1.39%††	1.41%	1.39%	1.43%	1.42%	1.41%
Portfolio turnover rate	34%	115%	63%	123%	121%	135%
Net assets at end of period (in 000's)	\$ 68,686	\$ 70,914	\$ 102,237	\$ 120,450	\$ 127,042	\$ 131,498

* Unaudited.

†† Annualized.

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

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

(c) Without the custody fee reimbursement, net investment income (loss) would have been 0.82%.

(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.

(e) Without the custody fee reimbursement, net expenses would have been 1.39%.

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 Candriam Emerging Markets Equity 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	February 17, 2012
Service Class	February 17, 2012

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 capital appreciation.

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

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.

Certain securities held by the Portfolio may principally trade in foreign markets. Events may occur between the time the foreign markets close and the time at which the Portfolio's NAVs are calculated. These events may include, but are not limited to, situations relating to a single issuer in a market sector, significant fluctuations in U.S. or foreign markets, natural disasters, armed conflicts, governmental actions or other developments not tied directly to the securities markets. Should the Valuation Designee conclude that such events may have affected the accuracy of the last price of such securities reported on the local foreign market, the Valuation Designee may, pursuant to the Valuation Procedures, adjust the value of the local price to reflect the estimated impact on the price of such securities as a result of such events. In this instance, securities are generally categorized as Level 3 in the hierarchy. Additionally, certain foreign equity securities are also fair valued whenever the movement of a particular index exceeds certain thresholds. In such cases, the securities are fair valued by applying factors provided by a third-party vendor in accordance with the Valuation Procedures and are generally categorized as Level 2 in the hierarchy. Securities that were fair valued in such a manner as of June 30, 2023, are shown in the Portfolio of Investments.

If the principal market of certain foreign equity securities is closed in observance of a local foreign holiday, these securities are valued using the last closing price of regular trading on the relevant exchange and fair valued by applying factors provided by a third-party vendor in accordance with the Valuation Procedures. These securities are generally categorized

Notes to Financial Statements (Unaudited) (continued)

as Level 2 in the hierarchy. Securities that were fair valued in such a manner as of June 30, 2023, are shown in the Portfolio of Investments.

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.

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

A portfolio investment may be classified as an illiquid investment under the Portfolio's written liquidity risk management program and related procedures ("Liquidity Program"). Illiquidity of an investment might prevent the sale of such investment at a time when the Manager or the Subadvisor might wish to sell, and these investments could have the effect of decreasing the overall level of the Portfolio's liquidity. Further, the lack of an established secondary market may make it more difficult to value illiquid investments, requiring the Portfolio to rely on judgments that may be somewhat subjective in measuring value, which could vary materially from the amount that the Portfolio could realize upon disposition. Difficulty in selling illiquid investments may result in a loss or may be costly to the Portfolio. An illiquid investment is any investment that the Manager or Subadvisor reasonably expects cannot be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the investment. The liquidity classification of each investment will be made using information obtained after reasonable inquiry and taking into account, among other things, relevant market, trading and investment-specific considerations in accordance with the Liquidity Program. Illiquid investments are often fair valued in accordance with the Portfolio's procedures described above. The liquidity of the Portfolio's investments was determined as of June 30, 2023, and can change at any time. Illiquid investments as of June 30, 2023, are shown in the Portfolio of Investments.

(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) Foreign Taxes. The Portfolio may be subject to foreign taxes on income and other transaction-based taxes imposed by certain countries in which it invests. A portion of the taxes on gains on investments or currency purchases/repatriation may be reclaimable. The Portfolio will accrue such taxes and reclaims as applicable, based upon its current interpretation of tax rules and regulations that exist in the markets in which it invests.

The Portfolio may be subject to taxation on realized capital gains, repatriation proceeds and other transaction-based taxes imposed by certain countries in which it invests. The Portfolio will accrue such taxes as applicable based upon its current interpretation of tax rules and regulations that exist in the market in which it invests. Capital gains taxes relating to positions still held are reflected as a liability in the Statement of Assets and Liabilities, as well as an adjustment to the Portfolio's net unrealized appreciation (depreciation). Taxes related to capital gains realized, if any, are reflected as part of net realized gain (loss) in the Statement of Operations. Changes in tax liabilities related to capital gains taxes on unrealized investment gains, if any, are reflected as part of the change in net unrealized appreciation (depreciation) on investments in the Statement of Operations. Transaction-based charges are generally assessed as a percentage of the transaction amount.

(D) 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.

(E) 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.

(F) 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.

(G) 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.

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

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

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

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

(I) Securities Sold Short. During the period a short position is open, depending on the nature and type of security, a short position is reflected as a liability and is marked to market in accordance with the valuation methodologies previously detailed (See Note 2(A)). Liabilities for securities sold short are closed out by purchasing the applicable securities for delivery to the counterparty broker. A gain, limited to the price at which the Portfolio sold the security short, or a loss, unlimited as to dollar amount, will be recognized upon termination of a short sale if the market price on the date the short position is closed out is less or greater, respectively, than the proceeds originally received. Any such gain or loss may be offset, completely or in part, by the change in the value of the hedged investments. Interest on short positions held is accrued daily, while dividends declared on short positions existing on the record date are recorded on the ex-dividend date as a dividend expense in the Statement of Operations. Broker fees and other expenses related to securities sold short are disclosed in the Statement of Operations. Short sales involve risk of loss in excess of the related amounts reflected in the Statement of Assets and Liabilities. As of June 30, 2023, the Portfolio did not enter into any securities sold short.

(J) Securities Lending. In order to realize additional income, the Portfolio may engage in securities lending, subject to the limitations set forth in the 1940 Act and relevant guidance by the staff of the Securities and Exchange Commission ("SEC"). If the Portfolio engages in securities lending, the Portfolio will lend through its custodian, JPMorgan Chase Bank, N.A., ("JPMorgan"), acting as securities lending agent on behalf of the Portfolio. Under the current arrangement, JPMorgan will manage the Portfolio's collateral in accordance with the securities lending agency agreement between the Portfolio and JPMorgan, and indemnify the Portfolio against counterparty risk. The loans will be collateralized by cash (which may be invested in a money market fund) and/or non-cash collateral (which may include U.S. Treasury securities and/or U.S. government agency securities issued or guaranteed by the United States government or its agencies or instrumentalities) at least equal at all times to the market value of the securities loaned. Non-cash collateral held at year end is segregated and cannot be transferred by the Portfolio. The Portfolio bears the risk of delay in recovery of, or loss of rights in, the securities loaned. The Portfolio may also record a realized gain or loss on securities deemed sold due to a borrower's inability to return securities on loan. The Portfolio bears the risk of any loss on investment of cash collateral. The Portfolio will receive compensation for lending its securities in the form of fees or it will retain a portion of interest earned on the investment of any cash collateral. The Portfolio will also continue to receive interest and dividends on the securities loaned and any gain or loss in the market price of the securities loaned that may occur during the term of the loan will be for the account of the Portfolio. Income earned from securities lending activities, if any, is reflected in the Statement of Operations. As of June 30, 2023, the Portfolio did not have any portfolio securities on loan.

(K) Foreign Securities Risk. The Portfolio may invest in foreign securities, which carry certain risks that are in addition to the usual risks inherent in domestic securities. Foreign regulatory regimes and securities

Notes to Financial Statements (Unaudited) (continued)

markets can have less stringent investor protections and disclosure standards and less liquid trading markets than U.S. regulatory regimes and securities markets, and can experience political, social and economic developments that may affect the value of investments in foreign securities. These risks include those resulting from currency fluctuations, future adverse political or economic developments and possible imposition of currency exchange blockages or other foreign governmental laws or restrictions. Economic sanctions and other similar governmental actions or developments could, among other things, effectively restrict or eliminate the Portfolio's ability to purchase or sell certain foreign securities or groups of foreign securities, and thus may make the Portfolio's investments in such securities less liquid or more difficult to value. These risks are likely to be greater in emerging markets than in developed markets. The ability of issuers of debt securities held by the Portfolio to meet their obligations may be affected by, among other things, economic or political developments in a specific country, industry or region. For example, the Portfolio has significant investments in the Asia-Pacific region. The development and stability of the Asia-Pacific region can be adversely affected by, among other regional and global developments, trade barriers, exchange controls and other measures imposed or negotiated by the countries with which they trade. Some Asia-Pacific countries can be characterized as emerging markets or newly industrialized and may experience more volatile economic cycles and less liquid markets than developed countries.

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

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. Candriam (the "Subadvisor"), a registered investment

adviser and an indirect, wholly-owned subsidiary of New York Life, 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 an Amended and Restated Subadvisory Agreement between New York Life Investments and Candriam, 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: 1.00% up to \$1 billion; and 0.975% in excess of \$1 billion. During the six-month period ended June 30, 2023, the effective management fee rate was 1.00%.

During the six-month period ended June 30, 2023, New York Life Investments earned fees from the Portfolio in the amount of \$1,137,110 and paid the Subadvisor fees of \$568,555.

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	\$223,889,477	\$15,784,972	\$(21,273,599)	\$(5,488,627)

As of December 31, 2022, for federal income tax purposes, capital loss carryforwards of \$42,748,843, 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	\$42,749	\$—

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	\$ 2,194,677
Long-Term Capital Gains	34,414,876
Total	\$36,609,553

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 \$75,575 and \$91,906, respectively.

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	337,226	\$ 2,281,323
Shares redeemed	(1,781,355)	(12,470,921)
Net increase (decrease)	(1,444,129)	\$(10,189,598)
Year ended December 31, 2022:		
Shares sold	1,945,628	\$ 16,657,111
Shares issued to shareholders in reinvestment of distributions	4,039,028	25,368,728
Shares redeemed	(1,007,338)	(9,209,477)
Net increase (decrease)	4,977,318	\$ 32,816,362

Notes to Financial Statements (Unaudited) (continued)

Service Class	Shares	Amount
Six-month period ended June 30, 2023:		
Shares sold	163,030	\$ 1,108,063
Shares redeemed	(920,703)	(6,354,565)
Net increase (decrease)	<u>(757,673)</u>	<u>\$ (5,246,502)</u>
Year ended December 31, 2022:		
Shares sold	1,068,938	\$ 9,331,357
Shares issued to shareholders in reinvestment of distributions	1,784,088	11,240,825
Shares redeemed	<u>(1,305,553)</u>	<u>(11,567,930)</u>
Net increase (decrease)	<u>1,547,473</u>	<u>\$ 9,004,252</u>

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

Shareholder Reports and Quarterly Portfolio Disclosure

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

This page intentionally left blank.

This page intentionally left blank.

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
MainStay VP Small Cap Growth Portfolio
MainStay VP Wellington Growth Portfolio
MainStay VP Wellington Mid Cap Portfolio
MainStay VP Wellington Small Cap Portfolio
MainStay VP Wellington U.S. Equity Portfolio
MainStay VP Winslow Large Cap Growth Portfolio

Mixed Asset

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

Income

MainStay VP Bond Portfolio
MainStay VP Floating Rate Portfolio
MainStay VP Indexed Bond Portfolio
MainStay VP MacKay Government 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

Manager

New York Life Investment Management LLC
New York, New York

Subadvisors

American Century Investment Management, Inc.
Kansas City, Missouri

Brown Advisory LLC
Baltimore, Maryland

Candriam*
Strassen, Luxembourg

CBRE Investment Management Listed Real Assets LLC
Radnor, Pennsylvania

Epoch Investment Partners, Inc.
New York, New York

FIAM LLC
Smithfield, Rhode Island

IndexIQ Advisors LLC*
New York, New York

Janus Henderson Investors US LLC
Denver, Colorado

MacKay Shields LLC*
New York, New York

Newton Investment Management North America, LLC
Boston, Massachusetts

NYL Investors LLC*
New York, New York

Pacific Investment Management Company LLC
Newport Beach, California

Segall Bryant & Hamill, LLC
Chicago, Illinois

Wellington Management Company LLP
Boston, Massachusetts

Winslow Capital Management, LLC
Minneapolis, Minnesota

Legal Counsel

Dechert LLP
Washington, District of Columbia

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP
New York, New York

Distributor

NYLIFE Distributors LLC*
Jersey City, New Jersey

Custodian

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

Some Portfolios may not be available in all products.

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

* An affiliate of New York Life Investment Management LLC.

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.

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

New York Life Insurance Company

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

51 Madison Avenue, Room 551
New York, NY 10010

newyorklife.com

newyorklifeinvestments.com

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

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

©2023 by NYLIFE Distributors LLC. All rights reserved.

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

Not FDIC Insured

No Bank Guarantee

May Lose Value