MainStay VP T. Rowe Price Equity Income Portfolio

Message from the President and Annual Report

December 31, 2019

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New York Life Investments

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Message from the President

Equity and fixed-income markets rose broadly during the 12-month reporting period ended December 31, 2019, despite a wide range of global economic and political uncertainties.

The year began on a positive note, with markets recovering from a sharp, late-2018 dip precipitated by concerns regarding the pace of economic growth, a U.S. federal government shutdown and the potential impact of trade disputes between the United States and other nations, particularly China. A wide spectrum of equity and fixed-income sectors gained ground through April 2019 as the government reopened, trade tensions eased and the U.S. Federal Reserve Board ("Fed") signaled a pause in interest rate increases. Mixed macroeconomic signals and the inability of China and the United States to reach a trade agreement caused the market's recovery to suffer during the spring and summer months of 2019. However, accommodative monetary policies from several central banks, including a series of interest rate cuts by the Fed, along with better-than-expected corporate earnings, reassured investors and enabled markets to resume their advance.

Persistent, albeit slow, U.S. economic growth underpinned the U.S. stock market's advance during the reporting period, positioning major U.S. equity indices to reach record territory by late October 2019 and continue rising from there. Sector strength shifted as investor sentiment alternated between risk-on and risk-off positions. In general, for the reporting period, growth-oriented stocks outperformed their value-oriented counterparts by a wide margin, with the information technology sector leading the large-cap S&P 500® Index. However, the traditionally more defensive areas of utilities and communications services generated above-average performance as well. The industrials and consumer discretionary sectors performed in the middle of the pack, while real estate, consumer staples, utilities, health care and materials lagged, and energy brought up the rear on weak oil prices and concerns about future energy demand. Nevertheless, all eleven S&P 500® sectors produced positive returns, with all but energy generating double-digit gains.

In the fixed-income markets, slowing economic growth, modest inflation and the Fed's interest rate cuts created an environment of fluctuating but ultimately falling yields and rising prices for most bonds. Higher-credit-quality, longer-duration instruments generally outperformed lower-credit-quality, shorter-duration securities. Long-term Treasury bonds rallied strongly, with the yield on the 10-year note closing the reporting period at 1.92%, down from 2.68% in December 2018. Prices for corporate credit also produced significant gains, with yields on both investment-grade and high-yield corporate bonds finishing near the tightest levels of this credit cycle. Spreads of credit-related securitized product (asset-backed and commercial mortgage-backed securities) tightened as well.

International stock and bond markets tended to underperform their U.S. counterparts, constrained by lackluster economic growth in the eurozone and dramatically slowing growth in China and related parts of Asia amid persistent trade tensions with the United States. Uncertainties surrounding the long-standing Brexit drama took a further toll on investor confidence, with progress delayed until the December 2019 election of Boris Johnson's pro-Brexit Conservative Party finally pointed clearly toward an eventual British exit from the European Union. Nevertheless, on average, international securities delivered positive returns supported by the accommodative monetary policies implemented by European and Asian central banks. In general, stocks tended to outperform bonds, with gains in developed-market equities followed closely by those of emerging-market equities. Among bonds, prices for emerging-market securities advanced more than those of developed-market instruments, bolstered by rising risk-on sentiment in the closing months of the reporting period.

As the economic growth cycle lengthens, investors are left to ponder how best to position their portfolios for an uncertain future. When the yield curve inverted in mid-2019 prompting concerns of a potential recession, we were reminded that the direction of the economy is continually subject to change, and perceptions of the economy can shift even more rapidly. As a MainStay VP investor, you can rely on us to manage our portfolios with unflagging energy and dedication so that you can remain focused on your long-term objectives in the face of uncertainty and change. Our goal remains to provide you with the consistently reliable financial tools you need to achieve your long-term objectives.

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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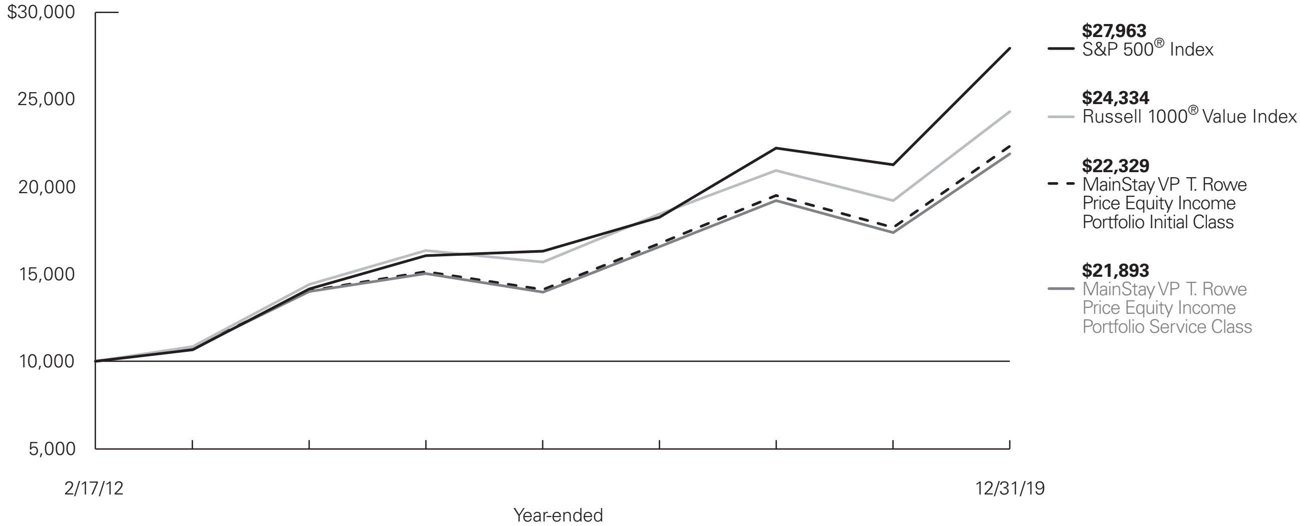
Investors should refer to the Portfolio's Summary Prospectus and/or Prospectus and consider the Portfolio's investment objectives, strategies, risks, charges and expenses carefully before investing. The Summary Prospectus and/or Prospectus contain this and other information about the Portfolio. You may obtain copies of the Portfolio's Summary Prospectus and/or the Prospectus and the Statement of Additional Information 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 nylinvestments.com/vpdocuments. Please read the 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[1] (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.



Average Annual Total Returns for the Year-Ended December 31, 2019

Class	Inception Date	One Year	Five Years	Since Inception	Gross Expense Ratio[2]
Initial Class Shares	2/17/2012	26.36%	8.07%	10.74%	0.75%
Service Class Shares	2/17/2012	26.04	7.80	10.46	1.00

Benchmark Performance	One Year	Five Years	Since Inception
Russell 1000® Value Index[3]	26.54%	8.29%	11.96%
S&P 500® Index[4]	31.49	11.70	13.96
Morningstar Large Value Category Average[5]	25.04	7.99	10.68

1. 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.
2. The gross expense ratios presented reflect the Portfolio's "Total Annual Portfolio Operating Expenses" from the most recent Prospectus, as supplemented, and may differ from other expense ratios disclosed in this report.
3. The Russell 1000® Value Index is the Portfolio's primary broad-based securities market index for comparison purposes. The Russell 1000® Value Index measures the performance of the large-cap value segment of the U.S. equity universe. It includes those Russell 1000® Index companies with lower price-to-book ratios and lower expected growth values. Results assume reinvestment of all dividends and capital gains. An investment cannot be made directly in an index.
4. The S&P 500® Index is the Portfolio's secondary benchmark. "S&P 500®" is a trademark of the McGraw-Hill Companies, Inc. The S&P 500® Index is widely regarded as the standard index for measuring large-cap U.S. stock market performance. Results assume reinvestment of all dividends and capital gains. An investment cannot be made directly in an index.
5. The Morningstar Large Value Category Average is representative of funds that invest primarily in big U.S. companies that are less expensive or growing more slowly than other large-cap stocks. 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 T. Rowe Price Equity Income Portfolio (Unaudited)

The example below is intended to describe the fees and expenses borne by shareholders during the six-month period from July 1, 2019, to December 31, 2019, and the impact of those costs on your investment.

Example

As a shareholder of the Portfolio you incur two types of costs: (1) transaction costs, including exchange fees and sales charges (loads) on purchases (as applicable), and (2) ongoing costs, including management fees, distribution and/or service (12b-1) fees, and other Portfolio expenses (as applicable). This example is intended to help you understand your ongoing costs (in dollars) of investing in the Portfolio and to compare these costs with the ongoing costs of investing in other mutual funds. The example is based on an investment of $1,000 made at the beginning of the six-month period and held for the entire period from July 1, 2019, to December 31, 2019. Shares are only sold in connection with variable life and annuity contracts and the example does not reflect any contract level or transactional fees or expenses. If these costs had been included, your costs would have been higher.

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

Actual Expenses

The second and third data columns in the table below provide information about actual account values and actual expenses. You may use the information in these columns, together with the amount you invested, to estimate the expenses that you paid during the six months ended December 31, 2019. 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 share-holder reports of the other mutual funds.

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

Share Class	Beginning Account Value 7/1/19	Ending Account Value (Based on Actual Returns and Expenses) 12/31/19	Expenses Paid During Period[1]	Ending Account Value (Based on Hypothetical 5% Annualized Return and Actual Expenses) 12/31/19	Expenses Paid During Period[1]	Net Expense Ratio During Period[2]
Initial Class Shares	$1,000.00	$1,091.50	$4.01	$1,021.37	$3.87	0.76%
Service Class Shares	$1,000.00	$1,090.10	$5.32	$1,020.11	$5.14	1.01%

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

Industry Composition as of December 31, 2019 (Unaudited)

Banks	11.2%	Communications Equipment	1.2%
Oil, Gas & Consumable Fuels	8.7	Hotels, Restaurants & Leisure	1.2
Insurance	6.9	Containers & Packaging	0.9
Pharmaceuticals	5.5	Building Products	0.8
Electric Utilities	5.2	Electrical Equipment	0.8
Capital Markets	5.1	Machinery	0.8
Semiconductors & Semiconductor Equipment	4.4	Commercial Services & Supplies	0.7
Food Products	4.0	Food & Staples Retailing	0.7
Equity Real Estate Investment Trusts	3.5	Professional Services	0.7
Chemicals	3.4	Diversified Financial Services	0.5
Aerospace & Defense	3.3	Entertainment	0.5
Health Care Equipment & Supplies	3.1	IT Services	0.5
Media	3.1	Leisure Products	0.5
Health Care Providers & Services	3.0	Multiline Retail	0.5
Multi-Utilities	3.0	Electronic Equipment, Instruments & Components	0.2
Diversified Telecommunication Services	2.5	Metals & Mining	0.2
Biotechnology	1.8	Specialty Retail	0.2
Industrial Conglomerates	1.8	Technology Hardware, Storage & Peripherals	0.2
Tobacco	1.7	Water Utilities	0.2
Household Products	1.6	Short-Term Investments	1.9
Air Freight & Logistics	1.5	Other Assets, Less Liabilities	–0.3
Software	1.5		100.0%
Airlines	1.3		

See Portfolio of Investments beginning on page 11 for specific holdings within these categories. The Portfolio's holdings are subject to change.

Top Ten Holdings as of December 31, 2019 (excluding short-term investments) (Unaudited)

1. Wells Fargo & Co.
2. JPMorgan Chase & Co.
3. Southern Co.
4. QUALCOMM, Inc.
5. Total S.A.
6. Johnson & Johnson
7. Morgan Stanley
8. Chubb, Ltd.
9. Tyson Foods, Inc., Class A
10. General Electric Co.

Portfolio Management Discussion and Analysis (Unaudited)

Answers to the questions reflect the views of portfolio manager John D. Linehan, CFA, of T. Rowe Price Associates, Inc. ("T. Rowe"), the Portfolio's Subadvisor.

How did MainStay VP T. Rowe Price Equity Income Portfolio perform relative to its benchmarks and peers during the 12 months ended December 31, 2019?

For the 12 months ended December 31, 2019, MainStay VP T. Rowe Price Equity Income Portfolio returned 26.36% for Initial Class shares and 26.04% for Service Class shares. Over the same period, both share classes underperformed the 26.54% return of the Russell 1000® Value Index, which is the Portfolio's primary benchmark, and the 31.49% return of the S&P 500® Index, which is the Portfolio's secondary benchmark. For the 12 months ended December 31, 2019, both share classes outperformed the 25.04% return of the Morningstar Large Value Category Average.[1]

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

U.S. stocks surged in 2019, as equities bounced back strongly from deep losses in the fourth quarter of 2018, which enabled several major indexes to hit new all-time highs in the latter part of the year. The Portfolio and the Russell 1000® Value Index both recorded strong gains during the reporting period, with every sector in the Index advancing. However, sector allocation detracted mildly from the Portfolio's relative performance, causing returns to lag the Russell 1000® Value Index. Strong stock selection in several sectors made up for some of the Portfolio's allocation-related underperformance.

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

Due primarily to favorable stock selections, the consumer staples sector made the strongest positive contribution to the Portfolio's performance relative to the Russell 1000® Value Index, followed by information technology and energy. (Contributions take weightings and total returns into account.) Stock selection also determined the most significant detractors from the Portfolio's relative performance, which included the communication services, materials and industrials sectors, although a beneficial overweight allocation to industrials mitigated some of the negative effect.

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

Shares of JPMorgan Chase contributed positively to the Portfolio's absolute performance during the reporting period as the global bank continued its trend of rising profitability fueled largely by stronger-than-expected net interest income. Improved sentiment for big banks amid rising market optimism also boosted shares late in the reporting period. As of December 31, 2019, we remain attracted to the company's market-leading core businesses and experienced management team, and see value in the bank's scale advantages, technology investments and product pipeline.

Semiconductor designer and manufacturer Qualcomm was another substantial contributor to the Portfolio's absolute performance during the reporting period. Shares surged in April 2019 after the company reached a multibillion-dollar settlement with Apple to resolve a legal battle surrounding royalties. Strong results from the company's technology licensing segment also drove better-than-expected quarterly earnings and revenue late in the reporting period. We continue to favor Qualcomm for its strong balance sheet, hefty dividend yield, valuable assets and leading position as a supplier of 5G wireless components.

Electric utility company The Southern Company, another strong contributor to the Portfolio's absolute performance during the reporting period, benefited from news that the company's Vogtle nuclear power project was progressing. Investors were also drawn to the sector's durable earnings profile in the midst of several episodes of market volatility that occurred during the reporting period. We remain positive on The Southern Company's multiyear risk/reward profile and believe the company's nuclear project has potential to boost its long-term earnings power. We also like the company's resilient core earnings, strong dividend yield and compelling valuation relative to sector peers.

Oil & gas exploration & production company Occidental Petroleum was among the most significant detractors from the Portfolio's relative performance during the reporting period. The market was concerned about the company's leverage in the wake of its debt-fueled acquisition of Anadarko Petroleum. Despite these concerns, we continue to like the stock's risk/reward profile, attractive relative valuation and rich dividend yield. We also remain optimistic about potential merger synergies and management's plan to offload assets.

Chemical company DuPont de Nemours, which detracted from the Portfolio's absolute performance during the reporting period, traded lower as a result of falling commodity chemical input prices, slowing demand in end markets and potential liability for its alleged role in creating and selling toxic PFAS chemicals found in drinking water. Despite these challenges, we continue to like the company for its strong management team, diverse specialty product offerings and balance sheet flexibility to support organic growth.

Shares of drug maker Pfizer, which detracted from the Portfolio's absolute performance during the reporting period, suffered following the company's decision to spin off Upjohn, its

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

off-patent drug business, into a stand-alone firm that will subsequently merge with Mylan. Although we continue to believe the stock carried decent risk/reward upside, we are concerned that the loss of Upjohn's revenue could weigh on shareholder value and we remain mindful of several significant near-term catalysts that carry disproportionate downside potential for the stock.

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

During the reporting period, the Portfolio initiated a position in Fox, a pure-play broadcasting company that was formed via spin-off in May 2019. Investor skepticism concerning the pay-tv business model pressured shares throughout the reporting period. While we acknowledge the potential risks associated with the growth of direct-to-consumer programming and the rising cost of sports rights, we continue to believe Fox can be a beneficiary of growth in direct-to-consumer programming and that the company is undervalued given its loyal viewer base and quality live-entertainment offerings.

The Portfolio also initiated a position in diversified industrial company General Electric. Though we acknowledge prior management's missteps and the remaining secular challenges GE faces, we remain confident in the current leadership team and find the company's valuation attractive. We also believe the market reacted too negatively to a report detailing concerns over the company's accounting practices and heightened risks from its long-term care insurance business; we do not believe the report identified notable new challenges.

We eliminated the Portfolio's position in mass media corporation Twenty-First Century Fox following the company's divesture of its entertainment assets to Walt Disney and the subsequent spin-off of its remaining assets into Fox, the new, separately traded company discussed above.

We also sold the Portfolio's position in pharmaceutical company Merck. Although we like Merck's durable growth profile and innovative product portfolio, we believe the stock's valuation is elevated given the mounting competitive pressures and political headwinds for pharmaceutical companies.

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

At the beginning of the reporting period, the Portfolio's most substantially overweight positions relative to the Russell 1000® Value Index were industrials and financials. At the end of the same period, industrials and utilities were the most substantially overweight positions. The most substantial increases in relative weighting in the Portfolio during the reporting period were in information technology and health care.

The most substantially underweight positions relative to the benchmark at the beginning of the reporting period were consumer discretionary and real estate. At the end of the same period, consumer discretionary and communication services represented the Portfolio's most underweight positions. During the reporting period, the most substantial decreases in relative weighting in the Portfolio occurred in communication services and industrials.

The changes in the Portfolio's sector weighting relative to the Russell 1000® Value Index in part reflect the reconstitution of the Index, which occurred in late June 2019, rather than solely investment decisions made within the Portfolio.

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

The Portfolio uses a diversified, bottom-up investment strategy with a long-term focus that has historically resulted in lower turnover relative to peers. Changes to our sector positioning result from our stock selection process.

As of December 31, 2019, the Portfolio held overweight positions relative to the Russell 1000® Value Index in the industrials, utilities and information technology sectors.

We like several names in the industrials sector, where we invest in companies that reach many different end markets and have solid business models, an ability to generate strong cash flows or both.

The utilities sector contains several companies that deliver durable cash flows and higher dividend yields with relatively modest downside risk. While we are attracted to the durability of this sector's earnings, we also believe efforts to modernize the U.S. electric grid while shifting more power production to renewables offers a multi-year base-rate growth opportunity.

We generally view the information technology sector as cyclical, with many companies operating at different stages within their industry's specific cycle. Within the sector, we favor holdings in the semiconductors and semiconductor equipment industry, which we believe should benefit from the continued proliferation of Internet-connected devices.

As of December 31, 2019, the Portfolio held underweighted positions in the consumer discretionary, communication services and real estate sectors.

The consumer discretionary sector is composed of a diverse group of industries, including retailers, diversified consumer services, and auto manufacturers. We are cautious on several industries within the sector that we believe are exposed to longer-term headwinds, such as the shift from brick-and-mortar shopping to e-commerce.

The real estate sector currently plays a limited role in the Portfolio. Within the sector, we typically hold real estate investment trusts (REITs), which own and frequently operate many different types of income-producing real estate properties. We value the attractive dividend yields that REITs tend to provide.

We have a diversified view of the health care sector, considering the myriad challenges and opportunities health care companies face, including potential drug pricing reform, single-payer health care proposals, mergers and acquisitions, and an aging U.S. population. Within health care, our primary exposure is to the pharmaceuticals industry, where we find many of the sector's most fundamentally strong, dividend-paying companies.

Portfolio of Investments December 31, 2019

	Principal Amount	Value
Long-Term Bonds 0.2%†		
Convertible Bonds 0.2%		
Insurance 0.2%		
AXA S.A.		
7.25%, due 5/15/21 (a)	$ 1,495,000	$ 1,726,538
Total Long-Term Bonds (Cost $1,495,246)		1,726,538

	Shares	Value
Common Stocks 96.2%		
Aerospace & Defense 3.3%		
Boeing Co.	36,273	11,816,293
L3Harris Technologies, Inc.	54,212	10,726,928
United Technologies Corp.	8,800	1,317,888
		23,861,109
Air Freight & Logistics 1.5%		
United Parcel Service, Inc., Class B	91,748	10,740,021
Airlines 1.3%		
Alaska Air Group, Inc.	81,759	5,539,172
Delta Air Lines, Inc.	47,116	2,755,344
Southwest Airlines Co.	27,200	1,468,256
		9,762,772
Banks 11.2%		
Bank of America Corp.	15,748	554,645
Citigroup, Inc.	23,354	1,865,751
Fifth Third Bancorp	356,078	10,945,838
JPMorgan Chase & Co.	172,449	24,039,391
PNC Financial Services Group, Inc.	51,684	8,250,317
U.S. Bancorp	131,819	7,815,548
Wells Fargo & Co.	520,638	28,010,324
		81,481,814
Biotechnology 1.8%		
AbbVie, Inc.	65,800	5,825,932
Gilead Sciences, Inc.	108,417	7,044,937
		12,870,869
Building Products 0.8%		
Johnson Controls International PLC	139,566	5,681,732
Capital Markets 5.1%		
Bank of New York Mellon Corp.	42,813	2,154,778
Franklin Resources, Inc.	137,395	3,569,522
Morgan Stanley	272,500	13,930,200
Northern Trust Corp.	22,631	2,404,317
Raymond James Financial, Inc.	33,700	3,014,802
State Street Corp.	149,236	11,804,568
		36,878,187

	Shares	Value
Chemicals 3.4%		
Akzo Nobel N.V.	11,276	$ 1,146,441
CF Industries Holdings, Inc.	149,828	7,152,789
Corteva, Inc.	93,899	2,775,654
Dow, Inc.	106,166	5,810,465
DuPont de Nemours, Inc.	107,299	6,888,596
PPG Industries, Inc.	7,122	950,716
		24,724,661
Commercial Services & Supplies 0.7%		
Stericycle, Inc. (b)	78,300	4,996,323
Communications Equipment 1.2%		
Cisco Systems, Inc.	175,192	8,402,208
Containers & Packaging 0.9%		
International Paper Co.	139,252	6,412,555
Diversified Financial Services 0.5%		
AXA Equitable Holdings, Inc.	161,036	3,990,472
Diversified Telecommunication Services 2.5%		
AT&T, Inc.	45,445	1,775,990
CenturyLink, Inc.	64,300	849,403
Telefonica S.A.	400,036	2,794,182
Verizon Communications, Inc.	204,877	12,579,448
		17,999,023
Electric Utilities 4.8%		
Edison International	127,504	9,615,077
Evergy, Inc.	4,459	290,236
NextEra Energy, Inc.	31,070	7,523,911
Southern Co.	272,187	17,338,312
		34,767,536
Electrical Equipment 0.8%		
Emerson Electric Co.	55,407	4,225,338
nVent Electric PLC	77,698	1,987,515
		6,212,853
Electronic Equipment, Instruments & Components 0.2%		
TE Connectivity, Ltd.	12,561	1,203,846
Entertainment 0.5%		
Walt Disney Co.	24,352	3,522,030
Equity Real Estate Investment Trusts 3.5%		
Equity Residential	81,014	6,555,653
Rayonier, Inc.	166,743	5,462,500
SL Green Realty Corp.	49,919	4,586,558
Weyerhaeuser Co.	292,900	8,845,580
		25,450,291

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

	Shares	Value
Common Stocks (continued)		
Food & Staples Retailing 0.7%		
Walmart, Inc.	41,475	$ 4,928,889
Food Products 4.0%		
Bunge, Ltd.	59,600	3,429,980
Conagra Brands, Inc.	296,665	10,157,810
Kellogg Co.	21,900	1,514,604
Tyson Foods, Inc., Class A	149,982	13,654,361
		28,756,755
Health Care Equipment & Supplies 2.2%		
Becton Dickinson & Co.	9,657	2,626,414
Medtronic PLC	93,945	10,658,060
Zimmer Biomet Holdings, Inc.	16,600	2,484,688
		15,769,162
Health Care Providers & Services 3.0%		
Anthem, Inc.	33,666	10,168,142
CVS Health Corp.	160,037	11,889,149
		22,057,291
Hotels, Restaurants & Leisure 1.2%		
Las Vegas Sands Corp.	106,440	7,348,618
MGM Resorts International	43,200	1,437,264
		8,785,882
Household Products 1.6%		
Kimberly-Clark Corp.	82,775	11,385,701
Industrial Conglomerates 1.8%		
General Electric Co.	1,201,081	13,404,064
Insurance 6.7%		
American International Group, Inc.	230,568	11,835,055
Chubb, Ltd.	88,710	13,808,599
Loews Corp.	116,753	6,128,365
Marsh & McLennan Cos., Inc.	29,374	3,272,557
MetLife, Inc.	197,530	10,068,104
Willis Towers Watson PLC	18,440	3,723,774
		48,836,454
IT Services 0.5%		
Cognizant Technology Solutions Corp., Class A	62,730	3,890,515
Leisure Products 0.5%		
Mattel, Inc. (b)(c)	255,154	3,457,337
Machinery 0.8%		
Flowserve Corp.	8,335	414,833
PACCAR, Inc.	31,800	2,515,380
Snap-On, Inc.	18,800	3,184,720
		6,114,933
Media 3.1%		
Comcast Corp., Class A	184,297	$ 8,287,836
Fox Corp., Class B	226,898	8,259,087
News Corp., Class A	444,991	6,292,173
		22,839,096
Metals & Mining 0.2%		
Nucor Corp.	26,300	1,480,164
Multi-Utilities 2.3%		
CenterPoint Energy, Inc.	118,600	3,234,222
NiSource, Inc.	371,868	10,352,805
Sempra Energy	22,782	3,451,017
		17,038,044
Multiline Retail 0.5%		
Kohl's Corp.	68,600	3,495,170
Oil, Gas & Consumable Fuels 8.7%		
Chevron Corp.	19,743	2,379,229
Equitrans Midstream Corp. (c)	59,550	795,588
Exxon Mobil Corp.	179,964	12,557,888
Hess Corp.	33,280	2,223,437
Occidental Petroleum Corp.	209,100	8,617,011
Pioneer Natural Resources Co.	27,900	4,223,223
Targa Resources Corp.	50,300	2,053,749
TC Energy Corp.	245,105	13,066,547
Total S.A.	310,774	17,150,883
		63,067,555
Pharmaceuticals 5.5%		
Allergan PLC	34,264	6,550,249
Bristol-Myers Squibb Co.	49,200	3,158,148
GlaxoSmithKline PLC	110,454	2,602,808
Johnson & Johnson	110,722	16,151,018
Pfizer, Inc.	285,576	11,188,867
		39,651,090
Professional Services 0.7%		
Nielsen Holdings PLC	261,192	5,302,198
Semiconductors & Semiconductor Equipment 4.4%		
Applied Materials, Inc.	91,200	5,566,848
NXP Semiconductors N.V.	14,900	1,896,174
QUALCOMM, Inc.	208,094	18,360,134
Texas Instruments, Inc.	48,755	6,254,779
		32,077,935
Software 1.5%		
Microsoft Corp.	70,262	11,080,317
Specialty Retail 0.2%		
L Brands, Inc.	91,820	1,663,778

	Shares	Value
Common Stocks (continued)		
Technology Hardware, Storage & Peripherals 0.2%		
Western Digital Corp.	21,305	$ 1,352,228
Tobacco 1.7%		
Philip Morris International, Inc.	146,947	12,503,720
Water Utilities 0.2%		
Aqua America, Inc.	19,414	1,210,463
Total Common Stocks (Cost $571,313,515)		699,107,043
Convertible Preferred Stocks 2.0%		
Electric Utilities 0.4%		
Southern Co. 6.75%	56,931	3,068,581
Health Care Equipment & Supplies 0.9%		
Becton Dickinson & Co. 6.125%	95,004	6,218,962
Multi-Utilities 0.7%		
Sempra Energy		
6.00%	33,680	4,042,274
6.75%	10,478	1,247,615
		5,289,889
Total Convertible Preferred Stocks (Cost $12,059,173)		14,577,432

	Shares	Value
Short-Term Investments 1.9%		
Affiliated Investment Company 1.5%		
MainStay U.S. Government Liquidity Fund, 1.40% (d)	10,457,158	$ 10,457,158
Unaffiliated Investment Company 0.4%		
State Street Navigator Securities Lending Government Money Market Portfolio, 1.56% (d)(e)	2,824,423	2,824,423
Total Short-Term Investments (Cost $13,281,581)		13,281,581
Total Investments (Cost $598,149,515)	100.3%	728,692,594
Other Assets, Less Liabilities	(0.3)	(1,855,041)
Net Assets	100.0%	$726,837,553

† Percentages indicated are based on Portfolio net assets.

(a) 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.

(b) Non-income producing security.

(c) All or a portion of this security was held on loan. As of December 31, 2019, the aggregate market value of securities on loan was $3,614,100; the total market value of collateral held by the Portfolio was $3,720,046. The market value of the collateral held included non-cash collateral in the form of U.S. Treasury securities with a value of $895,623 (See Note 2(K)).

(d) Current yield as of December 31, 2019.

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

The following is a summary of the fair valuations according to the inputs used as of December 31, 2019, 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)				
Long-Term Bonds				
Convertible Bonds	$ —	$1,726,538	$ —	$ 1,726,538
Common Stocks	699,107,043	—	—	699,107,043
Convertible Preferred Stocks	14,577,432	—	—	14,577,432
Short-Term Investments				
Affiliated Investment Company	10,457,158	—	—	10,457,158
Unaffiliated Investment Company	2,824,423	—	—	2,824,423
Total Short-Term Investments	13,281,581	—	—	13,281,581
Total Investments in Securities	$726,966,056	$1,726,538	$ —	$728,692,594

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

Statement of Assets and Liabilities as of December 31, 2019

Assets

Investment in unaffiliated securities, at value (identified cost $587,692,357) including securities on loan of $3,614,100	$718,235,436
Investment in affiliated investment company, at value (identified cost $10,457,158)	10,457,158
Cash denominated in foreign currencies (identified cost $130,538)	132,008
Receivables:	
Dividends and interest	1,484,197
Portfolio shares sold	8,949
Securities lending	2,402
Total assets	730,320,150

Liabilities

Cash collateral received for securities on loan	2,824,423
Payables:	
Manager (See Note 3)	437,148
Portfolio shares redeemed	88,032
NYLIFE Distributors (See Note 3)	55,366
Professional fees	36,811
Shareholder communication	24,708
Custodian	13,097
Trustees	1,093
Accrued expenses	1,919
Total liabilities	3,482,597
Net assets	$726,837,553

Composition of Net Assets

Shares of beneficial interest outstanding (par value of $.001 per share) unlimited number of shares authorized	$ 56,492
Additional paid-in capital	541,529,530
	541,586,022
Total distributable earnings (loss)	185,251,531
Net assets	$726,837,553

Initial Class	
Net assets applicable to outstanding shares	$464,120,070
Shares of beneficial interest outstanding	36,018,947
Net asset value per share outstanding	$ 12.89
Service Class	
Net assets applicable to outstanding shares	$262,717,483
Shares of beneficial interest outstanding	20,472,841
Net asset value per share outstanding	$ 12.83

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

Statement of Operations for the year ended December 31, 2019

Investment Income (Loss)

Income	
Dividends-unaffiliated (a)	$ 21,497,489
Interest	214,625
Dividends-affiliated	192,817
Securities lending	31,484
Total income	21,936,415
Expenses	
Manager (See Note 3)	5,152,148
Distribution/Service—Service Class (See Note 3)	666,106
Professional fees	102,457
Shareholder communication	82,055
Custodian	33,957
Trustees	17,745
Miscellaneous	24,827
Total expenses	6,079,295
Net investment income (loss)	15,857,120

Realized and Unrealized Gain (Loss) on Investments, Futures Contracts and Foreign Currency Transactions

Net realized gain (loss) on:	
Unaffiliated investment transactions	42,544,830
Futures transactions	(7,157)
Foreign currency transactions	11,393
Payments from affiliates (see Note 3)	36,369
Net realized gain (loss) on investments, futures transactions and foreign currency transactions	42,585,435
Net change in unrealized appreciation (depreciation) on:	
Unaffiliated investments	108,960,980
Translation of other assets and liabilities in foreign currencies	1,661
Net change in unrealized appreciation (depreciation) on investments and foreign currencies	108,962,641
Net realized and unrealized gain (loss) on investments, futures transactions and foreign currency transactions	151,548,076
Net increase (decrease) in net assets resulting from operations	$167,405,196

(a) Dividends recorded net of foreign withholding taxes in the amount of $224,471.

Statements of Changes in Net Assets

for the years ended December 31, 2019 and December 31, 2018

	2019	2018
Increase (Decrease) in Net Assets		
Operations:		
Net investment income (loss)	$ 15,857,120	$ 15,351,903
Net realized gain (loss) on investments, futures transactions and foreign currency transactions	42,585,435	54,152,450
Net change in unrealized appreciation (depreciation) on investments and foreign currencies	108,962,641	(136,025,617)
Net increase (decrease) in net assets resulting from operations	167,405,196	(66,521,264)
Distributions to shareholders:		
Initial Class	(44,741,064)	(49,365,312)
Service Class	(25,702,898)	(33,082,583)
Total distributions to shareholders	(70,443,962)	(82,447,895)
Capital share transactions:		
Net proceeds from sale of shares	18,551,651	64,560,431
Net asset value of shares issued to shareholders in reinvestment of distributions	70,443,962	82,447,895
Cost of shares redeemed	(147,949,625)	(127,214,373)
Increase (decrease) in net assets derived from capital share transactions	(58,954,012)	19,793,953
Net increase (decrease) in net assets	38,007,222	(129,175,206)
Net Assets		
Beginning of year	688,830,331	818,005,537
End of year	$ 726,837,553	$ 688,830,331

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

Financial Highlights selected per share data and ratios

Initial Class	Year ended December 31, 2019	2018	2017	2016	2015
Net asset value at beginning of year	$ 11.39	$ 14.10	$ 12.99	$ 11.97	$ 13.90
Net investment income (loss) (a)	0.29	0.29	0.24	0.27	0.25
Net realized and unrealized gain (loss) on investments	2.58	(1.40)	1.83	1.90	(1.21)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	0.00	(0.00)	(0.00)
Total from investment operations	2.87	(1.11)	2.07	2.17	(0.96)
Less distributions:					
From net investment income	(0.31)	(0.29)	(0.30)	(0.25)	(0.24)
From net realized gain on investments	(1.06)	(1.31)	(0.66)	(0.90)	(0.73)
Total distributions	(1.37)	(1.60)	(0.96)	(1.15)	(0.97)
Net asset value at end of year	$ 12.89	$ 11.39	$ 14.10	$ 12.99	$ 11.97
Total investment return (b)	26.36%(c)	(9.38%)	16.20%	18.82%	(6.78%)
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.30%	2.11%	1.78%	2.18%	1.90%
Net expenses (d)	0.75%	0.77%	0.77%	0.78%	0.77%
Expenses (before waiver/reimbursement) (d)	0.75%	0.77%	0.77%	0.78%	0.77%
Portfolio turnover rate	16%	22%	24%	23%	42%
Net assets at end of year (in 000's)	$ 464,120	$ 431,672	$ 469,556	$ 472,125	$ 473,818

‡ Less than one cent per share.
(a) Per share data based on average shares outstanding during the year.
(b) Total return does not reflect any deduction of sales charges, mortality and expense charges, contract charges or administrative charges. For periods of less than one year, total return is not annualized.
(c) In 2019, the Portfolio's total investment return includes impact of payments from affiliates due to trade communications error. Excluding these items, total return would have been 26.36%.
(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.

Service Class	Year ended December 31, 2019	2018	2017	2016	2015
Net asset value at beginning of year	$ 11.34	$ 14.04	$ 12.94	$ 11.93	$ 13.85
Net investment income (loss) (a)	0.26	0.25	0.21	0.24	0.22
Net realized and unrealized gain (loss) on investments	2.56	(1.39)	1.82	1.89	(1.21)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	0.00	(0.00)	(0.00)
Total from investment operations	2.82	(1.14)	2.03	2.13	(0.99)
Less distributions:					
From net investment income	(0.27)	(0.25)	(0.27)	(0.22)	(0.20)
From net realized gain on investments	(1.06)	(1.31)	(0.66)	(0.90)	(0.73)
Total distributions	(1.33)	(1.56)	(0.93)	(1.12)	(0.93)
Net asset value at end of year	$ 12.83	$ 11.34	$ 14.04	$ 12.94	$ 11.93
Total investment return (b)	26.04%(c)	(9.61%)	15.91%	18.53%	(7.01%)
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.05%	1.84%	1.54%	1.93%	1.64%
Net expenses (d)	1.00%	1.02%	1.02%	1.03%	1.02%
Expenses (before waiver/reimbursement) (d)	1.00%	1.02%	1.02%	1.03%	1.02%
Portfolio turnover rate	16%	22%	24%	23%	42%
Net assets at end of year (in 000's)	$ 262,717	$ 257,159	$ 348,450	$ 318,059	$ 281,340

‡ Less than one cent per share.
(a) Per share data based on average shares outstanding during the year.
(b) Total return does not reflect any deduction of sales charges, mortality and expense charges, contract charges or administrative charges. For periods of less than one year, total return is not annualized.
(c) In 2019, the Portfolio's total investment return includes impact of payments from affiliates due to trade communications error. Excluding these items, total return would have been 26.04%.
(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.

Notes to Financial Statements

Note 1–Organization and Business

MainStay VP Funds Trust (the "Fund") was organized as a Delaware statutory trust on February 1, 2011. The Fund is registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end management investment company. The Fund is comprised of thirty-one separate series (collectively referred to as the "Portfolios"). These financial statements and notes relate to the MainStay VP T. Rowe Price Equity Income 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 Portfolios 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 Moderate Growth Allocation Portfolio and MainStay VP Growth Allocation Portfolio, which operate as "funds-of-funds."

The Portfolio currently offers two classes of shares. Initial Class and Service Class shares commenced operations on 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 a high level of dividend income and long-term capital growth primarily through investments in stocks.

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 Standard 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").

The Board of Trustees of the Fund (the "Board") adopted procedures establishing methodologies for the valuation of the Portfolio's securities and other assets and delegated the responsibility for valuation determinations under those procedures to the Valuation Committee of the Fund (the "Valuation Committee"). The Board authorized the Valuation Committee to appoint a Valuation Subcommittee (the "Subcommittee") to deal in the first instance with establishing the prices of securities for which market quotations are not readily available or the prices of which are not otherwise readily determinable under these procedures. The Subcommittee meets (in person, via electronic mail or via teleconference) on an as-needed basis. Subsequently, the Valuation Committee meets to ensure that actions taken by the Subcommittee were appropriate. The procedures state that, subject to the oversight of the Board and unless otherwise noted, the responsibility for the day-to-day valuation of portfolio assets (including fair value measurements for the Portfolio's assets and liabilities) rests with New York Life Investment Management LLC ("New York Life Investments" or the "Manager"), aided to whatever extent necessary by the Subadvisor (as defined in Note 3(A)).

To assess the appropriateness of security valuations, the Manager, the Subadvisor or the Portfolio's third-party service provider, who is subject to oversight by the Manager, regularly compares prior day prices, prices on comparable securities and the sale prices to the prior and current day prices and challenges prices with changes exceeding certain tolerance levels with third-party pricing services or broker sources. For those securities valued through either a standardized fair valuation methodology or a fair valuation measurement, the Subcommittee deals in the first instance with such valuation and the Valuation Committee reviews and affirms, if appropriate, the reasonableness of the valuation based on such methodologies and measurements on a regular basis after considering information that is reasonably available and deemed relevant by the Valuation Committee. Any action taken by the Subcommittee with respect to the valuation of a portfolio security or other asset is submitted for review and ratification (if appropriate) to the Valuation Committee and the Board at the next regularly scheduled meeting.

"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 which 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 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. As of December 31, 2019, the aggregate value by input level of the Portfolio's assets and liabilities is included at the end of the Portfolio's 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:

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

An asset or liability for which market values cannot be measured using the methodologies described above is valued by methods deemed reasonable in good faith by the Valuation Committee, following the procedures established by the Board, to represent fair value. Under these procedures, the Portfolio 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 Portfolio 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 Portfolio's valuation procedures may differ from valuations for the same security determined by other funds using their own valuation procedures. Although the Portfolio's valuation procedures are designed to value a security at the price the Portfolio may reasonably expect to receive upon the security's sale in an orderly transaction, there can be no assurance that any fair value determination thereunder would, in fact, approximate the amount that the Portfolio would actually realize upon the sale of the security or the price at which the security would trade if a reliable market price were readily available. During the year ended December 31, 2019, 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; (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 for which the market price is not readily available from a third-party pricing source or, if so provided, does not, in the opinion of the Manager or the Subadvisor, reflect the security's market value; (vi) a security subject to trading collars for which no or limited trading takes place; and (vii) 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 3 in the hierarchy. As of December 31, 2019, no securities held by the Portfolio were fair valued in such a manner.

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 Manager or the Subadvisor conclude that such events may have affected the accuracy of the last price of such securities reported on the local foreign market, the Subcommittee may, pursuant to procedures adopted by the Board, 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 valuation procedures adopted by the Board and are generally categorized as Level 2 in the hierarchy. As of December 31, 2019, no foreign equity securities held by the Portfolio were fair valued in such a manner.

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

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

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

Temporary cash investments acquired in excess of 60 days to maturity at the time of purchase are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities and ratings), both as furnished by independent pricing services. Other temporary cash investments which 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. Therefore, no federal, state and local income tax provisions are required.

Management 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. Management has 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 on 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. Unless the shareholder elects otherwise, all dividends and distributions are reinvested in the same class of shares of the Portfolio, at NAV. 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 and includes any realized gains and losses from repayments of principal on mortgage-backed securities. Distributions received from REITs may be classified as dividends, capital gains and/or return of capital. Discounts and premiums on securities purchased for the Portfolio are accreted and amortized, respectively, on the effective interest rate method over the life of the respective securities.

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.

The Portfolio may place a debt security on non-accrual status and reduce related interest income by ceasing current accruals and writing off all or a portion of any interest receivables when the collection of all or a portion of such interest has become doubtful. A debt security is removed from non-accrual status when the issuer resumes interest payments or when collectability of interest is reasonably assured.

(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 Portfolio's 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, management makes estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates.

(H) Repurchase Agreements. The Portfolio may enter into repurchase agreements (i.e., buy a security from another party with the agreement that it will be sold back in the future) to earn income. The Portfolio may enter into repurchase agreements only with counterparties, usually financial institutions, that are deemed by the Manager or the Subadvisor to be creditworthy, pursuant to guidelines established by the Board. During the term of any repurchase agreement, the Manager or the Subadvisor will continue to monitor the creditworthiness of the counterparty. Under the 1940 Act, repurchase agreements are considered to be collateralized loans by the Portfolio to the counterparty secured by the securities transferred to the Portfolio.

Repurchase agreements are subject to counterparty risk, meaning the Portfolio could lose money by the counterparty's failure to perform under the terms of the agreement. The Portfolio mitigates this risk by ensuring the repurchase agreement is collateralized by cash, U.S. government securities, fixed income securities and/or other securities. The collateral is held by the Portfolio's custodian and valued daily on a mark to market basis to determine if the value, including accrued interest, exceeds the repurchase price. In the event of the counterparty's default on the obligation to repurchase, the Portfolio has the right to liquidate the collateral and apply the proceeds in satisfaction of the obligation. Under certain circumstances, such as in the event of default or bankruptcy by the counterparty, realization and/or retention of the collateral may be limited or subject to delay, to legal proceedings and possible realized loss to the Portfolio. As of December 31, 2019, the Portfolio did not hold any repurchase agreements.

(I) 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.

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

The use of futures contracts involves, to varying degrees, elements of market risk in excess of the amount recognized in the Statement of Assets and Liabilities. The contract or notional amounts and variation margin reflect the extent of the Portfolio's involvement in open futures positions. There are several risks associated with the use of futures contracts as hedging techniques. There can be no assurance that a liquid market will exist at the time when the Portfolio seeks to close out a futures contract. If no liquid market exists, the Portfolio would remain obligated to meet margin requirements until the position is closed. Futures may involve a small initial investment relative to the risk assumed, which could result in losses greater than if they had not been used. Futures may be more volatile than direct investments in the instrument underlying the futures and may not correlate to the underlying instrument, causing a given hedge not to achieve its objectives. The Portfolio's activities in futures contracts have minimal counterparty risk as they are conducted through regulated exchanges that guarantee the futures against default by the counterparty. In the event of a bankruptcy or insolvency of a futures commission merchant that holds margin on behalf of the Portfolio, the Portfolio may not be entitled to the return of the entire margin owed to the Portfolio, potentially resulting in a loss. The Portfolio's investment in futures contracts and other derivatives may increase the volatility of the Portfolio's NAVs and may result in a loss to the Portfolio. As of December 31, 2019, the Portfolio did not hold any futures contracts.

(K) 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, State Street Bank and Trust Company ("State Street"), acting as securities lending agent on behalf of the Portfolio. State Street will manage the Portfolio's collateral in accordance with the securities lending agency agreement between the Portfolio and State Street, 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. The Portfolio may bear the risk of delay in recovery of, or loss of rights in, the securities loaned should the borrower of the securities experience financial difficulty. 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 December 31, 2019, the Portfolio had securities on loan with an aggregate market value of $3,614,100; the total market value of collateral held by the Portfolio was $3,720,046. The market value of the collateral held included non-cash collateral in the form of U.S. Treasury securities with a value of $895,623 and cash collateral, which was invested into the State Street Navigator Securities Lending Government Money Market Portfolio, with a value of $2,824,423.

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

Convertible securities may be subordinate to other securities. In part, the total return for a convertible security depends upon the performance of the underlying stock into which it can be converted. Also, issuers of convertible securities are often not as strong financially as those issuing securities with higher credit ratings, are more likely to encounter financial difficulties and typically are more vulnerable to changes in the economy, such as a recession or a sustained period of rising interest rates, which could affect their ability to make interest and principal payments.

The Portfolio invests in foreign securities, which carry certain risks that are in addition to the usual risks inherent in domestic 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. These risks are likely to be greater in emerging markets than in developed markets. The ability of issuers of 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.

(M) 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 which 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. Based on experience, management is of the view 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.

(N) Quantitative Disclosure of Derivative Holdings. The following tables show additional disclosures related to the Portfolio's derivative and hedging activities, including how such activities are accounted for and their effect on the Portfolio's financial positions, performance and cash flows. The Portfolio entered into futures contracts to help manage cash flows and be able to avoid making a market timing call by focusing on making bottom-up investment decisions without sacrificing liquidity. These derivatives are not accounted for as hedging instruments.

The effect of derivative instruments on the Statement of Operations for the year ended December 31, 2019:

Realized Gain (Loss)

	Statement of Operations Location	Equity Contracts Risk	Total
Futures Contracts	Net realized gain (loss) on futures transactions	$(7,157)	$(7,157)
Total Realized Gain (Loss)		$(7,157)	$(7,157)

Average Notional Amount

	Equity Contracts Risk	Total
Futures Contracts Long (a)	$1,247,138	$1,247,138

(a) Positions were open five months during the reporting period.

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 a portion of the compensation of the Chief Compliance Officer attributable to the Portfolio. T. Rowe Price Associates, Inc. ("T. Rowe" or "Subadvisor"), a registered investment adviser, serves as 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 ("Subadvisory Agreement") between New York Life Investments and T. Rowe, New York Life Investments pays for the services of the Subadvisor.

The Fund, on behalf of the Portfolio, pays New York Life Investments in its capacity as the Portfolio's investment manager and administrator, pursuant to the Management Agreement, a monthly fee for the services performed and facilities furnished at an annual percentage of the Portfolio's average daily net assets as follows: 0.725% up to $500 million; 0.70% from $500 million to $1 billion; and 0.675% in excess of $1 billion.

Effective, May 1, 2019, New York Life Investments allowed its contractually expense limitation agreement to expire. Prior to that date, New York Life Investments waived fees and/or reimbursed expenses so that total annual 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) did not exceed 0.85% for Initial Class shares and 1.10% for Service Class shares. During the year ended December 31, 2019, the effective management fee rate was 0.72% (exclusive of any applicable waivers/reimbursements).

During the year ended December 31, 2019, New York Life Investments earned fees from the Portfolio in the amount of $5,152,148 and paid the Subadvisor in the amount of $2,099,951.

During the year ended December 31, 2019, the New York Life Service Co. and the New York Life Investments reimbursed the Portfolio $36,369 for trading losses incurred due to a trade communications error.

State Street 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, State Street 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 indirect, wholly-owned subsidiary of New York Life. 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.

(C) Investments in Affiliates (in 000's). During the year ended December 31, 2019, purchases and sales transactions, income earned from investments and shares held of investment companies managed by New York Life Investments or its affiliates were as follows:

Affiliated Investment Company	Value, Beginning of Year	Purchases at Cost	Proceeds from Sales	Net Realized Gain/(Loss) on Sales	Change in Unrealized Appreciation/ (Depreciation)	Value, End of Year	Dividend Income	Other Distributions	Shares End of Year
MainStay U.S. Government Liquidity Fund	$11,669	$107,695	$(108,907)	$ —	$ —	$10,457	$193	$ —	10,457

Note 4–Federal Income Tax

As of December 31, 2019, 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	$601,443,590	$148,241,723	$(20,992,719)	$127,249,004

As of December 31, 2019, the components of accumulated gain (loss) on a tax basis were as follows:

Ordinary Income	Accumulated Capital and Other Gain (Loss)	Other Temporary Differences	Unrealized Appreciation (Depreciation)	Total Accumulated Gain (Loss)
$19,295,169	$38,614,175	$90,153	$127,252,034	$185,251,531

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

During the years ended December 31, 2019, and December 31, 2018, the tax character of distributions paid as reflected in the Statements of Changes in Net Assets were as follows:

2019		2018	
Tax-Based Distributions from Ordinary Income	Tax-Based Distributions from Long-Term Gains	Tax-Based Distributions from Ordinary Income	Tax-Based Distributions from Long-Term Gains
$16,662,550	$53,781,412	$16,048,373	$66,399,522

Note 5–Custodian

State Street 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 30, 2019, 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 State Street, 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 or the one-month London Interbank Offered Rate ("LIBOR"), whichever is higher. The Credit Agreement expires on July 28, 2020, 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. Prior to July 30, 2019, the aggregate commitment amount and the commitment fee were the same as those under the current Credit Agreement. During the year ended December 31, 2019, there were no borrowings made or outstanding with respect to the Portfolio under the Credit Agreement.

Note 7–Interfund Lending Program

Pursuant to an exemptive order issued by the SEC, the Portfolio, along with certain other funds managed by New York Life Investments, may participate in an interfund lending program. The interfund lending program provides an alternative credit facility that permits the Portfolio and certain other funds managed by New York Life Investments to lend or borrow money for temporary purposes directly to or from one another subject to the conditions of the exemptive order. During the year ended December 31, 2019, there were no interfund loans made or outstanding with respect to the Portfolio.

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

During the year ended December 31, 2019, purchases and sales of securities, other than short-term securities, were $109,474 and $221,806, respectively.

Note 9–Capital Share Transactions

Transactions in capital shares for the years ended December 31, 2019 and December 31, 2018, were as follows:

Initial Class	Shares	Amount
Year ended December 31, 2019:		
Shares sold	1,291,981	$ 16,219,640
Shares issued to shareholders in reinvestment of distributions	3,816,533	44,741,064
Shares redeemed	(7,002,642)	(89,672,782)
Net increase (decrease)	(1,894,128)	$(28,712,078)
Year ended December 31, 2018:		
Shares sold	5,071,297	$ 59,910,665
Shares issued to shareholders in reinvestment of distributions	3,775,622	49,365,312
Shares redeemed	(4,243,760)	(58,376,513)
Net increase (decrease)	4,603,159	$ 50,899,464

Service Class	Shares	Amount
Year ended December 31, 2019:		
Shares sold	187,553	$ 2,332,011
Shares issued to shareholders in reinvestment of distributions	2,200,234	25,702,898
Shares redeemed	(4,599,868)	(58,276,843)
Net increase (decrease)	(2,212,081)	$(30,241,934)
Year ended December 31, 2018:		
Shares sold	343,965	$ 4,649,766
Shares issued to shareholders in reinvestment of distributions	2,539,833	33,082,583
Shares redeemed	(5,020,137)	(68,837,860)
Net increase (decrease)	(2,136,339)	$(31,105,511)

Note 10–Recent Accounting Pronouncement

To improve the effectiveness of fair value disclosure requirements, the Financial Accounting Standards Board recently issued Accounting Standards Update (ASU) 2018-13, Fair Value Measurement Disclosure Framework—Changes to the Disclosure Requirements for Fair Value Measurement (ASU 2018-13), which adds, removes, and modifies certain aspects relating to fair value disclosure. ASU 2018-13 is effective for interim and annual reporting periods beginning after December 15, 2019. For the year ended December 31, 2018, management evaluated the implications of certain other provisions of the ASU and determined to early adopt aspects related to the removal and modifications of certain fair value measurement disclosures under the ASU, which are currently in place as of December 31, 2019. At this time, management is evaluating the implications of certain other provisions of the ASU related to new disclosure requirements and any impact on the financial statement disclosures has not yet been determined.

Note 11–Subsequent Events

In connection with the preparation of the financial statements of the Portfolio as of and for the year ended December 31, 2019, events and transactions subsequent to December 31, 2019, through the date the financial statements were issued have been evaluated by the Portfolio's management for possible adjustment and/or disclosure. No subsequent events requiring financial statement adjustment or disclosure have been identified.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees of MainStay VP Funds Trust and Shareholders of
MainStay VP T. Rowe Price Equity Income Portfolio

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the portfolio of investments, of MainStay VP T. Rowe Price Equity Income Portfolio (one of the portfolios constituting MainStay VP Funds Trust, referred to hereafter as the “Portfolio”) as of December 31, 2019, the related statement of operations for the year ended December 31, 2019, the statements of changes in net assets for each of the two years in the period ended December 31, 2019, including the related notes, and the financial highlights for each of the five years in the period ended December 31, 2019 (collectively referred to as the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Portfolio as of December 31, 2019, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended December 31, 2019 and the financial highlights for each of the five years in the period ended December 31, 2019 in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

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

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

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of December 31, 2019 by correspondence with the custodian and transfer agent. We believe that our audits provide a reasonable basis for our opinion.

PricewaterhouseCoopers LLP
New York, New York
February 19, 2020

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

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

The continuation of the Management Agreement with respect to the MainStay VP T. Rowe Price Equity Income Portfolio (“Portfolio”) and New York Life Investment Management LLC (“New York Life Investments”) and the Subadvisory Agreement between New York Life Investments and T. Rowe Price Associates, Inc. (“T. Rowe”) with respect to the Portfolio (together, “Advisory Agreements”), following an initial term of up to two years, is subject to annual review and approval by the Board of Trustees of MainStay VP Funds Trust (“Board” of the “Trust”) in accordance with Section 15 of the Investment Company Act of 1940, as amended (“1940 Act”). At its December 10-11, 2019 in-person meeting, the Board, including the Trustees who are not an “interested person” (as such term is defined in the 1940 Act) of the Trust (“Independent Trustees”) voting separately, unanimously approved the continuation of each of the Advisory Agreements for a one-year period.

In reaching the decision to approve the continuation of each of the Advisory Agreements, the Board considered information furnished by New York Life Investments and T. Rowe in connection with an annual contract review process undertaken by the Board that took place at meetings of the Board and its Contracts Committee between October 2019 and December 2019, as well as other information furnished to the Board and its Committees throughout the year, as deemed relevant by the Trustees. Information requested by and furnished to the Board for consideration in connection with the contract review process included, among other items, reports on the Portfolio and “peer funds” prepared by Strategic Insight Mutual Fund Research and Consulting, LLC (“Strategic Insight”), an independent third-party service provider engaged by the Board to report objectively on the Portfolio’s investment performance, management fee and total expenses. The Board also considered information on the fees charged to other investment advisory clients of New York Life Investments and/or T. Rowe that follow investment strategies similar to the Portfolio, if any, and, when applicable, the rationale for any differences in the Portfolio’s management and subadvisory fees and the fees charged to those other investment advisory clients. In addition, the Board considered information furnished by New York Life Investments and T. Rowe in response to requests prepared on behalf of the Board, and in consultation with the Independent Trustees, by independent legal counsel to the Independent Trustees, which encompassed a variety of topics, including those summarized below. The Board took into account information provided in connection with its meetings throughout the year, including, among other items, information regarding the legal standards and fiduciary obligations applicable to its consideration of the continuation of each of the Advisory Agreements and investment performance reports on the Portfolio prepared by the Investment Consulting Group of New York Life Investments as well as presentations from New York Life Investments and T. Rowe personnel. The Board also took into account other information received from New York Life Investments throughout the year, including, among other items, periodic reports on legal and compliance matters, risk management, portfolio turnover, brokerage commissions, sales and marketing activity and non-advisory services provided to the Portfolio by New York Life Investments. The contract review process, including the structure and format for materials provided to the Board, has been developed in consultation with the Board. The Independent Trustees also met in executive sessions with their independent legal counsel and, for a portion thereof, with senior management of New York Life Investments joining.

In addition to information provided to the Board throughout the year, the Board received information in connection with its June 2019 meeting provided specifically in response to requests prepared on behalf of the Board, and in consultation with the Independent Trustees, by independent legal counsel regarding the Portfolio’s distribution arrangements. In addition, the Board received information regarding the Portfolio’s asset levels, share purchase and redemption activity and the payment of Rule 12b-1 and/or other fees by applicable share classes of the Portfolio. New York Life Investments also provided the Board with information regarding the revenue sharing payments made by New York Life Investments from its own resources to insurance companies that issue variable contracts under which the Portfolio serves as an investment option or intermediaries that promote the sale, distribution and/or servicing of such variable contracts or the Portfolio’s shares.

In considering the continuation of each of the Advisory Agreements, the Trustees reviewed and evaluated all of the information and factors they believed to reasonably be necessary and appropriate in light of legal advice furnished to them by independent legal counsel and through the exercise of their own business judgment. Although individual Trustees may have weighed certain factors or information differently, the factors considered by the Board are described in greater detail below and include, among other factors: (i) the nature, extent and quality of the services provided to the Portfolio by New York Life Investments and T. Rowe; (ii) the qualifications of the portfolio manager of the Portfolio and the historical investment performance of the Portfolio, New York Life Investments and T. Rowe; (iii) the costs of the services provided, and profits realized, by New York Life Investments and T. Rowe from their relationships with the Portfolio; (iv) the extent to which economies of scale have been realized or may be realized as the Portfolio grows and the extent to which economies of scale have benefited or may benefit the Portfolio’s shareholders; and (v) the reasonableness of the Portfolio’s management and subadvisory fees and total ordinary operating expenses, particularly as compared to any similar funds and accounts managed by New York Life Investments and/or T. Rowe. Although the Board recognized that comparisons between the Portfolio’s fees and expenses and those of other funds are imprecise given different terms of agreements, variations in fund strategies and other factors, the Board considered the reasonableness of the Portfolio’s management fee and total ordinary operating expenses as compared to the peer funds identified by Strategic Insight. Throughout their considerations, the Trustees acknowledged the commitment of New York Life Investments and its affiliates to serve the MainStay Group of Funds, as well as their capacity, experience, resources, financial stability and reputations.

The Trustees noted that, throughout the year, the Trustees are also afforded an opportunity to ask questions of, and request additional information or materials from, New York Life Investments and T. Rowe. The Board’s conclusions with respect to each of the Advisory Agreements may have also been based, in part, on the Board’s knowledge of New York Life Investments and T. Rowe resulting from, among other things, the Board’s consideration of each of the Advisory Agreements in prior years, the advisory agreements for other funds in the MainStay Group of Funds, the Board’s review throughout the year of the performance and operations of other funds in the MainStay Group of Funds and the Board’s business judgment and industry experience. In addition to considering the above-referenced factors, the Board observed that in the marketplace, notably under variable life insurance policies and variable annuity contracts for which the Portfolio serves as an investment option, there are a range of investment options available to the Portfolio's shareholders and such shareholders, having had the opportunity to consider other investment options, have chosen to invest in the Portfolio. The factors that figured prominently in the Board's decision to approve the continuation of each of the Advisory Agreements during its December 10-11, 2019 in-person meeting are summarized in more detail below, and the Board did not consider any factor or information controlling in making such approval.

Nature, Extent and Quality of Services Provided by New York Life Investments and T. Rowe

The Board examined the nature, extent and quality of the services that New York Life Investments provides to the Portfolio. The Board evaluated New York Life Investments' experience and capabilities in serving as manager of the Portfolio and considered that the Portfolio operates in a "manager-of-managers" structure. The Board also considered New York Life Investments' responsibilities under this structure, including evaluating the performance of T. Rowe, making recommendations to the Board as to whether the Subadvisory Agreement should be renewed, modified or terminated and periodically reporting to the Board regarding the results of New York Life Investments' evaluation and monitoring functions. The Board noted that New York Life Investments manages other mutual funds, serves a variety of other investment advisory clients, including other pooled investment vehicles, and has experience overseeing mutual fund service providers, including subadvisors. The Board considered the experience of senior personnel at New York Life Investments providing management and administrative and other non-advisory services to the Portfolio as well as New York Life Investments' reputation and financial condition. The Board observed that New York Life Investments devotes significant resources and time to providing management and non-advisory services to the Portfolio, including New York Life Investments' supervision and due diligence reviews of T. Rowe and ongoing analysis of, and interactions with, T. Rowe with respect to, among other things, the Portfolio's investment performance and risks as well as T. Rowe's investment capabilities and subadvisory services with respect to the Portfolio.

The Board also considered the range of services that New York Life Investments provides to the Portfolio under the terms of the Management Agreement, including: (i) fund accounting and ongoing supervisory services provided by New York Life Investments' Fund Administration and Accounting Group; (ii) investment supervisory and analytical services provided by New York Life Investments' Investment Consulting Group; (iii) compliance services provided by the Trust's Chief Compliance Officer as well as New York Life Investments' compliance department, including supervision and implementation of the Portfolio's compliance program; (iv) legal services provided by New York Life Investments' Office of the General Counsel; and (v) risk management monitoring and analysis by compliance and investment personnel. The Board noted that New York Life Investments provides certain other non-advisory services to the Portfolio. In addition, the Board considered New York Life Investments' willingness to invest in personnel, infrastructure, technology, operational enhancements, cyber security, information security, shareholder privacy resources and business continuity planning designed to benefit the Portfolio and noted that New York Life Investments is responsible for compensating the Trust's officers, except for a portion of the salary of the Trust's Chief Compliance Officer. The Board recognized that New York Life Investments has provided an increasingly broad array of non-advisory services to the MainStay Group of Funds as a result of regulatory and other developments, including in connection with the designation of New York Life Investments as the administrator of the MainStay Group of Funds' liquidity risk management program adopted under the 1940 Act.

The Board also examined the nature, extent and quality of the investment advisory services that T. Rowe provides to the Portfolio. The Board evaluated T. Rowe's experience in serving as subadvisor to the Portfolio and advising other portfolios and T. Rowe's track record and experience in providing investment advisory services, the experience of investment advisory, senior management and administrative personnel at T. Rowe, and New York Life Investments' and T. Rowe's overall legal and compliance environment, resources and history. In addition to information provided in connection with its quarterly meetings with the Trust's Chief Compliance Officer, the Board considered that each of New York Life Investments and T. Rowe believes its compliance policies and procedures are reasonably designed to prevent violation of the federal securities laws and acknowledged their commitment to further developing and strengthening compliance programs relating to the Portfolio. The Board also considered the policies and procedures in place with respect to matters that may involve conflicts of interest between the Portfolio's investments and those of other accounts managed by T. Rowe. The Board reviewed T. Rowe's ability to attract and retain qualified investment professionals and willingness to invest in personnel to service and support the Portfolio. In this regard, the Board considered the experience of the Portfolio's portfolio manager, the number of accounts managed by the portfolio manager and the method for compensating the portfolio manager.

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

Investment Performance

In evaluating the Portfolio's investment performance, the Board considered investment performance results over various periods in light of the Portfolio's investment objective, strategies and risks, generally placing greater emphasis on the Portfolio's long-term performance track record. The Board considered investment reports on, and analysis of, the Portfolio's performance provided to the Board throughout the year by the Investment Consulting Group of New York Life Investments. These reports include, among other items, information on the Portfolio's gross and net returns, the Portfolio's investment performance compared to relevant investment categories and the Portfolio's benchmarks, the Portfolio's risk-adjusted investment performance and the Portfolio's investment performance as compared to peer funds, as appropriate, as well as portfolio attribution information and commentary on the effect of current and recent market conditions. The Board also considered information provided by Strategic Insight showing the investment performance of the Portfolio as compared to peer funds.

The Board also gave weight to its discussions with senior management at New York Life Investments concerning the Portfolio's investment performance attributable to T. Rowe as well as discussions between the Portfolio's portfolio manager and the members of the Board's Investment Committee, which generally occur on an annual basis. In addition, the Board considered any specific actions that New York Life Investments or T. Rowe had taken, or had agreed with the Board to take, to seek to enhance Portfolio investment performance and the results of those actions.

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

Costs of the Services Provided, and Profits Realized, by New York Life Investments and T. Rowe

The Board considered information provided by New York Life Investments and T. Rowe with respect to the costs of the services provided under each of the Advisory Agreements. The Board also considered the profits realized by New York Life Investments and its affiliates and T. Rowe due to their relationships with the Portfolio. Although the Board did not receive specific profitability information from T. Rowe, the Board considered that the subadvisory fee paid by New York Life Investments to T. Rowe for services provided to the Portfolio was the result of arm's-length negotiations by New York Life Investments. On this basis, the Board primarily considered the costs and profitability for New York Life Investments and its affiliates with respect to the Portfolio.

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

In evaluating the costs of the services provided by New York Life Investments and T. Rowe and profits realized by New York Life Investments and its affiliates and T. Rowe, the Board considered, among other factors, each party's continuing investments in, or willingness to invest in, personnel, systems, equipment and other resources and infrastructure to support and further enhance the management of the Portfolio, and that New York Life Investments is responsible for paying the subadvisory fee for the Portfolio. The Board also considered the financial resources of New York Life Investments and T. Rowe and acknowledged that New York Life Investments and T. Rowe must be in a position to attract and retain experienced professional personnel and to maintain a strong financial position for New York Life Investments and T. Rowe to continue to provide high-quality services to the Portfolio. The Board recognized that the Portfolio benefits from the allocation of certain fixed costs across the MainStay Group of Funds, among other expected benefits resulting from its relationship with New York Life Investments.

The Board considered information regarding New York Life Investments' methodology for calculating profitability and allocating costs provided by New York Life Investments in connection with the fund profitability analysis presented to the Board. The Board previously engaged an independent third-party consultant to review the methods used to allocate costs to and among the funds in the MainStay Group of Funds. The Board noted that the independent consultant had concluded that New York Life Investments' methods for allocating costs and procedures for estimating overall profitability of the relationship with the funds in the MainStay Group of Funds are reasonable and that New York Life Investments continued to use the same method of calculating profit and allocating costs since the independent consultant's review. The Board recognized the difficulty in evaluating a manager's profitability with respect to the Portfolio and noted that other profitability methodologies may also be reasonable.

The Board also considered certain fall-out benefits that may be realized by New York Life Investments and T. Rowe and their affiliates due to their relationships with the Portfolio, including reputational and other indirect benefits. The Board recognized, for example, the benefits to T. Rowe from legally permitted "soft-dollar" arrangements by which brokers provide research and other services to T. Rowe in exchange for commissions paid by the Portfolio with respect to trades on the Portfolio's portfolio securities. In this regard, the Board also requested and received information from New York Life Investments concerning other material business relationships between T. Rowe and its affiliates and New York Life Investments and its affiliates. In addition, the Board considered its review of a money market fund advised by New York Life Investments and an affiliated subadvisor that serves as an investment option for the Portfolio, including the potential rationale for and costs associated with investments in this money market fund by the Portfolio, if any, and considered information from New York Life Investments that the nature and type of specific investment advisory services provided to this money market fund are distinct from, or in addition to, the investment advisory services provided to the Portfolio. In addition, the Board requested and reviewed information regarding the Portfolio's securities lending activity and the corresponding potential dividend received tax deduction for insurance company affiliates of New York Life Investments.

The Board noted that the Portfolio serves as an investment option primarily under variable contracts issued by affiliates of New York Life Investments that would receive fees under those contracts. The Board observed that, in addition to fees earned by New York Life Investments for managing the Portfolio, New York Life Investments' affiliates also earn revenues from serving the Portfolio in various other capacities, including as the Portfolio's distributor. The Board considered information about these other revenues and their impact on the profitability of the relationship with the Portfolio to New York Life Investments and its affiliates. The Board noted that, although it assessed the overall profitability of the Portfolio to New York Life Investments and its affiliates as part of the contract review process, when considering the reasonableness of the fee paid to New York Life Investments and its affiliates under each of the Advisory Agreements, the Board considered the profitability of New York Life Investments' relationship with the Portfolio on a pre-tax basis and without regard to distribution expenses incurred by New York Life Investments from its own resources.

After evaluating the information deemed relevant by the Trustees, the Board concluded that any profits realized by New York Life Investments and its affiliates due to their relationships with the Portfolio were not excessive. With respect to T. Rowe, the Board considered that any profits realized by T. Rowe due to its relationship with the Portfolio are the result of arm's-length negotiations between New York Life Investments and T. Rowe, acknowledging that any such profits are based on the subadvisory fee paid to T. Rowe by New York Life Investments, not the Portfolio.

Management and Subadvisory Fees and Total Ordinary Operating Expenses

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

In assessing the reasonableness of the Portfolio's fees and expenses, the Board primarily considered comparative data provided by Strategic Insight on the fees and expenses charged by similar mutual funds managed by other investment advisers. In addition, the Board considered information provided by New York Life Investments and T. Rowe on fees charged to other investment advisory clients, including institutional separate accounts and/or other funds that follow investment strategies similar to those of the Portfolio, if any. The Board considered the similarities and differences in the contractual management fee schedules of the Portfolio and these similarly-managed accounts and/or funds, taking into account the rationale for any differences in fee schedules. The Board also took into account explanations provided by New York Life Investments about the more extensive scope of services provided to registered investment companies, such as the Portfolio, as compared with other investment advisory clients. Additionally, the Board considered the impact of any contractual breakpoints and voluntary waivers on the Portfolio's net management fee and expenses. The Board also considered that in proposing fees for the Portfolio, New York Life Investments considers the competitive marketplace for mutual funds.

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

Economies of Scale

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

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

Conclusion

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

Proxy Voting Policies and Procedures and Proxy Voting Record

A description of the policies and procedures that New York Life Investments uses to vote proxies related to the Portfolio's securities is available free of charge upon request (i) by calling 800-598-2019; (ii) by visiting New York Life Investments' website at *https://www.nylinvestments.com/mainstay/products-and -performance/ mainstay-vp-funds-trust*; or (iii) by visiting the SEC's website at www.sec.gov.

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. The Portfolio's most recent Form N-PX or proxy voting record is available free of charge upon request (i) by calling 800-598-2019; (ii) by visiting New York Life Investments' website at *https://www.nylinvestments.com/mainstay/ products-and-performance/mainstay-vp-funds-trust*; or (iii) by visiting the SEC's website at *www.sec.gov*.

Shareholder Reports and Quarterly Portfolio Disclosure

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

Board of Trustees and Officers (Unaudited)

The Trustees and officers of the Funds are listed below. The Board oversees the MainStay Group of Funds (which consists of MainStay Funds and MainStay Funds Trust), MainStay VP Funds Trust, MainStay MacKay DefinedTerm Municipal Opportunities Fund, the Manager and the Subadvisors, and elects the officers of the Funds who are responsible for the day-to-day operations of the Funds. Information pertaining to the Trustees and officers is set forth below. Each Trustee serves until his or her successor is elected and qualified or until his or her resignation, death or removal. Under the Board's retirement policy, unless an exception is made, a Trustee must tender his or her resignation by the end of the calendar year during which he or she reaches the age of 75. Officers are elected annually by the Board. The business address of each Trustee and officer listed below is 51 Madison Avenue, New York, New York 10010. A majority of the Trustees are not "interested persons" (as defined by the 1940 Act and rules adopted by the SEC thereunder) of the Fund ("Independent Trustees").

	Name and Date of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Interested Trustee	**Yie-Hsin Hung*** 8/12/62	***MainStay VP Funds Trust:*** Trustee since 2017	Senior Vice President of New York Life since joining in 2010, Member of the Executive Management Committee since 2017, Chief Executive Officer, New York Life Investment Management Holdings LLC & New York Life Investment Management LLC since 2015. Senior Managing Director and Co-President of New York Life Investment Management LLC from January 2014 to May 2015. Previously held positions of increasing responsibility, including head of NYLIM International, Alternative Growth Businesses, and Institutional investments since joining New York Life in 2010.	76	*MainStay Funds:* Trustee since 2017 (12 Funds); *MainStay Funds Trust:* Trustee since 2017 (32 Funds); and *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee since 2017.

* This Trustee is considered to be an "interested person" of the MainStay Group of Funds within the meaning of the 1940 Act because of her affiliation with New York Life Insurance Company, New York Life Investment Management LLC, Candriam Belgium, S.A., Candriam Luxembourg, S.C.A., MacKay Shields LLC, NYL Investors LLC, NYLIFE Securities LLC and/or NYLIFE Distributors LLC, as described in detail above in the column entitled "Principal Occupation(s) During Past Five Years."

	Name and Date of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Independent Trustees	**David H. Chow** 12/29/57	***MainStay VP Funds Trust:*** Trustee since 2016, Advisory Board Member (June 2015 to December 2015).	Founder and CEO, DanCourt Management, LLC (since 1999)	76	*MainStay Funds:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (12 Funds); *MainStay Funds Trust:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (32 Funds); *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015); *Market Vectors Group of Exchange-Traded Funds:* Independent Chairman of the Board of Trustees since 2008 and Trustee since 2006 (57 portfolios); and *Berea College of Kentucky:* Trustee since 2009.
	Susan B. Kerley 8/12/51	***MainStay VP Funds Trust:*** Chairman since January 2017 and Trustee since 2007***	President, Strategic Management Advisors LLC (since 1990)	76	*MainStay Funds:* Chairman since 2017 and Trustee since 2007 (12 Funds); *MainStay Funds Trust:* Chairman since 2017 and Trustee since 1990. (32 Funds)**; *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Chairman since 2017 and Trustee since 2011; and *Legg Mason Partners Funds:* Trustee since 1991 (54 portfolios).
	Alan R. Latshaw 3/27/51	***MainStay VP Funds Trust:*** Trustee since 2007***.	Retired; Partner, Ernst & Young LLP (2002 to 2003); Partner, Arthur Andersen LLP (1989 to 2002); Consultant to the MainStay Funds Audit and Compliance Committee (2004 to 2006)	76	*MainStay Funds:* Trustee since 2006 (12 Funds); *MainStay Funds Trust:* Trustee since 2007. (32 Funds)** *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee and Audit Committee Financial Expert since 2011; *State Farm Associates Funds Trusts:* Trustee since 2005 (4 portfolios); *State Farm Mutual Fund Trust:* Trustee since 2005 (15 portfolios); and *State Farm Variable Product Trust:* Trustee since 2005 (9 portfolios).
	Richard H. Nolan, Jr. 11/16/46	***MainStay VP Funds Trust:*** Trustee since 2006***.	Managing Director, ICC Capital Management (since 2004); President—Shields/Alliance, Alliance Capital Management (1994 to 2004)	76	*MainStay Funds*: Trustee since 2007 (12 Funds); *MainStay Funds Trust:* Trustee since 2007 (32 Funds)**; and *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee since 2011.

Independent Trustees

Name and Date of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Jacques P. Perold 5/12/58	***MainStay VP Funds Trust:*** Trustee since 2016, Advisory Board Member (June 2015 to December 2015).	Retired; President, Fidelity Management & Research Company (2009 to 2014); Founder, President and Chief Executive Officer, Geode Capital Management, LCC (2001 to 2009)	76	*MainStay Funds:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (12 Funds); *MainStay Funds Trust:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (32 Funds); *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee since 2016, Advisory Board Member (June 2015 to December 2015); *Allstate Corporation:* Director since 2015; *MSCI, Inc.:* Director since 2017 and *Boston University:* Trustee since 2014.
Richard S. Trutanic 2/13/52	***MainStay VP Funds Trust:*** Trustee since 2007***.	Chairman and Chief Executive Officer, Somerset & Company (financial advisory firm) (since 2004); Managing Director, The Carlyle Group (private investment firm) (2002 to 2004); Senior Managing Director, Partner and Board Member, Groupe Arnault S.A. (private investment firm) (1999 to 2002)	76	*MainStay Funds:* Trustee since 1994 (12 Funds); *MainStay Funds Trust:* Trustee since 2007 (32 Funds)**; and *MainStay MacKay DefinedTerm Municipal Opportunities Fund:* Trustee since 2011.

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

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

Officers of the Trust (Who are not Trustees)*

Name and Date of Birth	Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years
Kirk C. Lehneis 6/29/74	President, MainStay VP Funds Trust (since 2017)	Chief Operating Officer and Senior Managing Director (since 2016), New York Life Investment Management LLC; Chairman of the Board (since 2017), NYLIFE Distributors LLC; Chairman of the Board, NYLIM Service Company LLC (since 2017); Trustee, President and Principal Executive Officer of IndexIQ Trust, IndexIQ ETF Trust and IndexIQ Active ETF Trust (since January 2018); President, MainStay MacKay DefinedTerm Municipal Opportunities Fund, MainStay Funds and MainStay Funds Trust (since 2017)**; Senior Managing Director, Global Product Development (From 2015—2016); Managing Director, Product Development (From 2010—2015), New York Life Investment Management LLC
Jack R. Benintende 5/12/64	Treasurer and Principal Financial and Accounting Officer, MainStay VP Funds Trust (since 2007)**	Managing Director, New York Life Investment Management LLC (since 2007); Treasurer and Principal Financial and Accounting Officer, MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds Trust (since 2009) and MainStay Funds (since 2007); and Assistant Treasurer, New York Life Investment Management Holdings LLC (2008 to 2012)
Kevin M. Bopp 2/24/69	Vice President and Chief Compliance Officer, MainStay VP Funds Trust (since 2014)	Chief Compliance Officer, New York Life Investment Management LLC, IndexIQ Trust, IndexIQ ETF Trust and IndexIQ Active ETF Trust (since 2016), Director and Associate General Counsel (2011 to 2014) and Vice President and Assistant General Counsel (2010 to 2011), New York Life Investment Management LLC; Vice President and Chief Compliance Officer, MainStay Funds, MainStay Funds Trust and MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2014); Assistant Secretary, MainStay Funds, MainStay Funds Trust and MainStay VP Funds Trust (2010 to 2014)**, MainStay MacKay DefinedTerm Municipal Opportunities Fund (2011 to 2014)
J. Kevin Gao 10/13/67	Secretary and Chief Legal Officer, MainStay VP Funds Trust (since 2010)**	Managing Director and Associate General Counsel, New York Life Investment Management LLC (since 2010); Secretary and Chief Legal Officer, MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds and MainStay Funds Trust (since 2010)
Scott T. Harrington 2/8/59	Vice President—Administration, MainStay VP Funds Trust (since 2005)**	Managing Director, New York Life Investment Management LLC (including predecessor advisory organizations) (since 2000); Member of the Board of Directors, New York Life Trust Company (since 2009); Vice President—Administration, MainStay MacKay DefinedTerm Municipal Opportunities Fund (since 2011), MainStay Funds Trust (since 2009) and MainStay Funds (since 2005)

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

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

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MainStay VP Portfolios

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

Equity Portfolios

MainStay VP Eagle Small Cap Growth Portfolio
MainStay VP Emerging Markets Equity Portfolio
MainStay VP Epoch U.S. Equity Yield Portfolio
MainStay VP Fidelity Institutional AM® Utilities Portfolio†
MainStay VP Large Cap Growth Portfolio
MainStay VP MacKay Common Stock Portfolio
MainStay VP MacKay Growth Portfolio
MainStay VP MacKay International Equity Portfolio
MainStay VP MacKay Mid Cap Core Portfolio
MainStay VP MacKay S&P 500 Index Portfolio
MainStay VP MacKay Small Cap Core Portfolio
MainStay VP Mellon Natural Resources Portfolio
MainStay VP T. Rowe Price Equity Income Portfolio

Mixed Asset Portfolios

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

Income Portfolios

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 Unconstrained Bond Portfolio
MainStay VP PIMCO Real Return Portfolio

Money Market

MainStay VP U.S. Government Money Market Portfolio

Alternative

MainStay VP Cushing Renaissance Advantage Portfolio
MainStay VP IQ Hedge Multi-Strategy Portfolio

Asset Allocation Portfolios

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

Manager

New York Life Investment Management LLC
New York, New York

Subadvisors

Candriam Belgium S.A.*
Brussels, Belgium

Cushing Asset Management, LP
Dallas, Texas

Eagle Asset Management, Inc.
St Petersburg, Florida

Epoch Investment Partners, Inc.
New York, New York

FIAM LLC
Smithfield, Rhode Island

IndexIQ Advisors LLC*
New York, New York

Janus Capital Management LLC
Denver, Colorado

MacKay Shields LLC*
New York, New York

Mellon Investments Corporation
Boston, Massachusetts

NYL Investors LLC*
New York, New York

Pacific Investment Management Company LLC
Newport Beach, California

T. Rowe Price Associates, Inc.
Baltimore, Maryland

Winslow Capital Management, LLC
Minneapolis, Minnesota

Distributor

NYLIFE Distributors LLC*
Jersey City, New Jersey

Custodian

State Street Bank and Trust Company
Boston, Massachusetts

Independent Registered Public Accounting Firm

PricewaterhouseCoopers LLP
New York, New York

Legal Counsel

Dechert LLP
Washington, District of Columbia

Some Portfolios may not be available in all products.
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2019 Annual Report

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

www.newyorklife.com

Printed on recycled paper

nylinvestments.com

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

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

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MSVPTRPE11-02/20
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