

MainStay Epoch Global Equity Yield Fund

Message from the President and Annual Report

October 31, 2020

Beginning on January 1, 2021, paper copies of each MainStay Fund's annual and semiannual shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from MainStay Funds or from your financial intermediary. Instead, the reports will be made available on the MainStay Funds' website. You will be notified by mail and provided with a website address to access the report each time a new report is posted to the website.

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. At any time, you may elect to receive reports and other communications from MainStay Funds electronically by calling toll-free 800-624-6782, by sending an e-mail to MainStayShareholderServices@nylim.com, or by contacting your financial intermediary.

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INVESTMENTS

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Message from the President

Despite historically high levels of volatility generated by the global coronavirus pandemic and a host of other geopolitical and economic uncertainties, most broad U.S. stock and bond markets gained ground during the 12-month reporting period ended October 31, 2020.

The reporting period began on an upswing, with markets rising on generally positive underlying economic trends and the announcement of a U.S.-China trade deal. However, in mid-February 2020, stock and bond indices began to dip as growing numbers of COVID-19 cases appeared in hotspots around the world. By early March, the disease reached pandemic proportions. As governments struggled to support overburdened health care systems by issuing “stay-at-home” orders and other restrictions on nonessential activity, global economic activity slowed, driving most stocks and bonds sharply lower.

The United States was hit particularly hard by the pandemic, with more reported COVID-19 cases and deaths than any other country in the world throughout the second half of the reporting period. As the pandemic deepened, the U.S. Federal Reserve (“Fed”) twice cut interest rates and announced unlimited quantitative easing. The federal government declared a national emergency, and Congress passed and the President signed a \$2 trillion stimulus package. Markets responded positively to these measures, as well as to a gradual lessening of restrictions on nonessential businesses, hopes for additional stimulus and apparent progress in the development of a vaccine. By late August, the S&P 500® Index, a widely regarded benchmark of market performance, had not only regained all the ground it lost earlier in the reporting period, the Index had reached new record levels. However, a resurgence of coronavirus cases in many parts of the country and uncertainties related to the November 3, 2020, U.S. presidential election caused markets to falter as the reporting period drew to a close.

Nevertheless, for the reporting period as a whole, U.S. equity indices generally produced moderate gains. Returns proved strongest among large-cap, growth-oriented stocks, while small- and mid-cap issues lagged. Within the S&P 500® Index, the information technology and consumer discretionary sectors produced exceptionally strong gains, buoyed by strong corporate and consumer spending, while the health care sector outperformed by a smaller margin. Materials and consumer staples sectors generated positive returns, but lagged the S&P 500® Index. The industrials, utilities, communication services, financials, real estate and energy sectors ended the reporting period in negative territory, with the energy sector

suffering the steepest losses due to weak global demand. International equities declined sharply in February and March 2020 before recovering somewhat, but tended to lag their U.S. counterparts due to weaker underlying economic growth and somewhat less aggressive monetary and fiscal stimulus. Emerging-market equities tracked the performance of U.S. equity markets more closely, led by relatively strong returns in Asian markets, such as China and South Korea.

Fixed-income markets experienced an environment that tended to favor higher credit quality and longer duration securities. Corporate bonds followed the pattern of equities, with prices declining in March 2020 before subsequently recovering. Relatively speculative high-yield credit was hardest hit during the market sell-off in early 2020 and continued to underperform during the remainder of the reporting period. Similarly, among municipal bond issues, high-grade bonds outperformed, dipping briefly in mid-March before regaining the lost ground. Recognized safe havens, such as U.S. government bonds, attracted increased investment during the height of the market sell-off, driving yields lower and prices higher. As a result, long-term Treasury bonds delivered particularly strong gains for the reporting period as a whole. Emerging-market debt, on the other hand, underperformed most other bond types as investors sought to minimize currency and sovereign risks.

Although the ongoing pandemic continues to change the way that many of us work and live our lives, at New York Life Investments, we remain dedicated to providing you, as a Main-Stay investor, with products, information and services to help you to navigate today’s rapidly changing investment environment. By taking appropriate steps to minimize community spread of COVID-19 within our organization and despite the challenges posed by the coronavirus pandemic, we continue to innovate with you in mind, introducing new suites of Funds and providing continuous insights into ever-evolving markets and investment strategies. Our goal is to give you the tools you need to build a resilient portfolio in the face of uncertain times.

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.

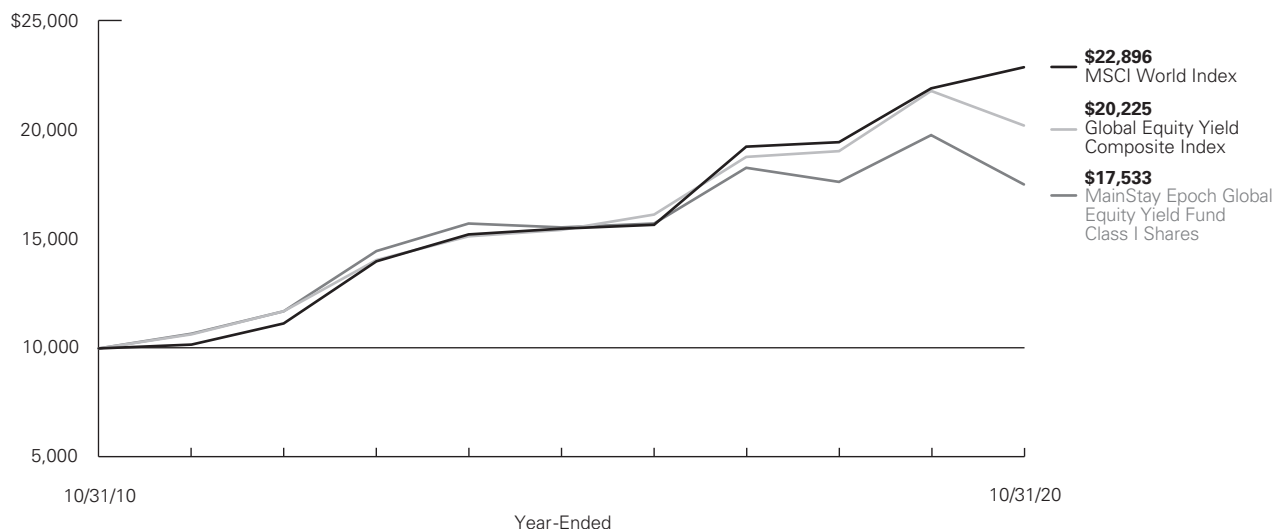
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Investors should refer to the Fund's Summary Prospectus and/or Prospectus and consider the Fund's investment objectives, strategies, risks, charges and expenses carefully before investing. The Summary Prospectus and/or Prospectus contain this and other information about the Fund. You may obtain copies of the Fund's Summary Prospectus, Prospectus and Statement of Additional Information free of charge, upon request, by calling toll-free 800-624-6782, by writing to NYLIFE Distributors LLC, Attn: MainStay Marketing Department, 30 Hudson Street, Jersey City, NJ 07302 or by sending an e-mail to MainStayShareholderServices@nylim.com. These documents are also available via the MainStay Funds' website at newyorklifeinvestments.com. Please read the Summary Prospectus and/or Prospectus carefully before investing.

Investment and Performance Comparison¹ (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 graph below depicts the historical performance of Class I shares of the Fund. Performance will vary from class to class based on differences in class-specific expenses and sales charges. For performance information current to the most recent month-end, please call 800-624-6782 or visit newyorklifeinvestments.com.



Average Annual Total Returns for the Year-Ended October 31, 2020

Class	Sales Charge		Inception Date	One Year	Five Years or Since Inception	Ten Years or Since Inception	Gross Expense Ratio ²
Class A Shares ³	Maximum 5.5% Initial Sales Charge	With sales charges	8/2/2006	-16.35%	1.02%	4.92%	1.14%
		Excluding sales charges		-11.48	2.17	5.51	1.14
Investor Class Shares ⁴	Maximum 5% Initial Sales Charge	With sales charges	11/16/2009	-16.40	1.02	4.91	1.11
		Excluding sales charges		-11.53	2.17	5.50	1.11
Class C Shares	Maximum 1% CDSC if Redeemed Within One Year of Purchase	With sales charges	11/16/2009	-12.99	1.41	4.72	1.86
		Excluding sales charges		-12.14	1.41	4.72	1.86
Class I Shares ³	No Sales Charge		12/27/2005	-11.31	2.43	5.78	0.89
Class R2 Shares	No Sales Charge		2/28/2014	-11.66	2.04	2.01	1.24
Class R3 Shares	No Sales Charge		2/29/2016	-11.87	3.04	N/A	1.49
Class R6 Shares	No Sales Charge		6/17/2013	-12.32	2.29	3.73	0.74

- The performance table and graph do not reflect the deduction of taxes that a shareholder would pay on distributions or Fund share redemptions. Total returns reflect maximum applicable sales charges as indicated in the table above, if any, changes in share price, and reinvestment of dividend and capital gain distributions. The graph assumes the initial investment amount shown above and reflects the deduction of all sales charges that would have applied for the period of investment. Performance figures may reflect certain fee waivers and/or expense limitations, without which total returns may have been lower. For more information on share classes and current fee waivers and/or expense limitations (if any), please refer to the Notes to Financial Statements.
- The gross expense ratios presented reflect the Fund's "Total Annual Fund Operating Expenses" from the most recent Prospectus and may differ from other expense ratios disclosed in this report.

- Performance figures for Class A shares and Class I shares include the historical performance of the Institutional shares and the Class P shares, respectively, of the Epoch Global Equity Shareholder Yield Fund (the predecessor to the Fund) through November 15, 2009. The Epoch Global Equity Shareholder Yield Fund was subject to a different fee structure and was advised by Epoch Investment Partners, Inc, the Fund's subadvisor.
- Prior to June 30, 2020, the maximum initial sales charge for Investor Class shares was 5.5%, which is reflected in the average annual total return figures shown.

The footnotes on the next page are an integral part of the table and graph and should be carefully read in conjunction with them.

Benchmark Performance	One Year	Five Years	Ten Years
MSCI World Index ⁵	4.36%	8.13%	8.64%
Global Equity Yield Composite Index ⁶	-7.21	5.57	7.30
Morningstar World Large Stock Category Average ⁷	5.91	7.46	7.53

5. The MSCI World Index is the Fund's primary broad-based securities market index for comparison purposes. The MSCI World Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed markets. Results assume reinvestment of all dividends and capital gains. An investment cannot be made directly in an index.
6. The Fund has selected the Global Equity Yield Composite Index as its secondary benchmark. The Global Equity Yield Composite Index consists of the MSCI World High Dividend Yield Index and the MSCI World Minimum Volatility (USD) Index weighted at 60% and 40%, respectively. The MSCI World High Dividend Yield Index is based on the MSCI World Index and is designed to reflect the performance of equities in the MSCI World Index (excluding real estate investment trusts) with higher dividend income and quality characteristics than average dividend yields that are both sustainable

and persistent. The MSCI World Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to the MSCI large and mid-cap equity universe across 23 developed markets countries. The MSCI World Minimum Volatility (USD) Index is calculated by optimizing the MSCI World Index for the lowest absolute risk (within a given set of constraints). Results assume reinvestment of all dividends and capital gains. An investment cannot be made directly in an index.

7. The Morningstar World Large Stock Category Average is representative of funds that invest the majority of their assets in developed markets, with the remainder divided among the globe's smaller markets. These portfolios typically have 20%-60% of assets in U.S. stocks. Results are based on average total returns of similar funds with all dividends and capital gain distributions reinvested.

The footnotes on the preceding page are an integral part of the table and graph and should be carefully read in conjunction with them.

Cost in Dollars of a \$1,000 Investment in MainStay Epoch Global Equity Yield Fund (Unaudited)

The example below is intended to describe the fees and expenses borne by shareholders during the six-month period from May 1, 2020, to October 31, 2020, and the impact of those costs on your investment.

Example

As a shareholder of the Fund 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 Fund expenses (as applicable). This example is intended to help you understand your ongoing costs (in dollars) of investing in the Fund 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 May 1, 2020, to October 31, 2020.

This example illustrates your Fund'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 October 31, 2020. 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 Fund's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Fund'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 Fund with the ongoing costs of investing in other mutual funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other mutual funds.

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

Share Class	Beginning Account Value 5/1/20	Ending Account Value (Based on Actual Returns and Expenses) 10/31/20	Expenses Paid During Period ¹	Ending Account Value (Based on Hypothetical 5% Annualized Return and Actual Expenses) 10/31/20	Expenses Paid During Period ¹	Net Expense Ratio During Period ²
Class A Shares	\$1,000.00	\$1,046.10	\$5.61	\$1,019.66	\$5.53	1.09%
Investor Class Shares	\$1,000.00	\$1,045.90	\$5.81	\$1,019.46	\$5.74	1.13%
Class C Shares	\$1,000.00	\$1,042.10	\$9.44	\$1,015.89	\$9.32	1.84%
Class I Shares	\$1,000.00	\$1,046.90	\$4.32	\$1,020.91	\$4.27	0.84%
Class R2 Shares	\$1,000.00	\$1,045.30	\$6.43	\$1,018.85	\$6.34	1.25%
Class R3 Shares	\$1,000.00	\$1,044.10	\$7.66	\$1,017.65	\$7.56	1.49%
Class R6 Shares	\$1,000.00	\$1,035.00	\$3.79	\$1,021.42	\$3.76	0.74%

1. Expenses are equal to the Fund's annualized expense ratio of each class multiplied by the average account value over the period, divided by 366 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 Fund 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 Fund's annualized expense ratio to reflect the six-month period.

Country Composition as of October 31, 2020 (Unaudited)

United States	59.8%	Taiwan	1.8%
United Kingdom	6.8	Denmark	0.6
Germany	6.5	Norway	0.6
France	5.5	Singapore	0.6
Canada	5.1	Sweden	0.6
Italy	3.0	Australia	0.2
Switzerland	2.8	Other Assets, Less Liabilities	<u>1.9</u>
Japan	2.1		<u>100.0%</u>
Republic of Korea	2.1		

See Portfolio of Investments beginning on page 12 for specific holdings within these categories. The Fund's holdings are subject to change.

Top Ten Holdings as of October 31, 2020 (excluding short-term investment) (Unaudited)

1. Microsoft Corp.	6. Unilever PLC
2. Verizon Communications, Inc.	7. Takeda Pharmaceutical Co., Ltd.
3. Taiwan Semiconductor Manufacturing Co., Ltd., Sponsored ADR	8. AbbVie, Inc.
4. Snam S.p.A.	9. Samsung Electronics Co., Ltd.
5. Nutrien, Ltd.	10. Eaton Corp. PLC

Portfolio Management Discussion and Analysis (Unaudited)

Questions answered by portfolio managers Kera Van Valen, CFA, John Tobin, PhD, CFA, Michael A. Welhoelter, CFA, and William W. Priest, CFA, of Epoch Investment Partners, Inc., the Fund's Subadvisor.

How did MainStay Epoch Global Equity Yield Fund perform relative to its benchmarks and peer group during the 12 months ended October 31, 2020?

For the 12 months ended October 31, 2020, Class I shares of MainStay Epoch Global Equity Yield Fund returned -11.31%, underperforming the 4.36% return of the Fund's primary benchmark, the MSCI World Index. Over the same period, Class I shares underperformed the -7.21% return of the Global Equity Yield Composite Index, which is the Fund's secondary benchmark, and the 5.91% return of the Morningstar World Large Stock Category Average.¹

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

The Fund participated in the market rally during the end of 2019. However, performance was challenged during the pandemic-related sell-off in February and March 2020. Fund performance encountered additional headwinds throughout the remainder of the reporting period when the market rally was led by a handful of U.S. mega-cap stocks in the information technology, consumer discretionary and communication services sectors.

Compared to the MSCI World Index, the Fund held underweight exposure to the information technology sector, a stance that significantly detracted from relative returns. Disappointing stock selection in information technology further detracted as the high-flying technology hardware and software stocks that drove the market's rise did not tend to exhibit the Fund's targeted shareholder-yield characteristics. Stock selection in communication services was undermined by the Fund's telecommunications holdings, and by holdings in a movie theater chain operator that the Fund sold in March near the nadir of the market's sell-off. Relatively overweight exposure to pharmaceuticals in the health care sector detracted as the market contemplated the potential regulatory implications of the U.S. presidential election outcome and progress on a COVID-19 vaccine. By country, holdings in the United States detracted most, followed by holdings in France.

On the positive side, strong stock selection along with underweight exposure in the industrials sector enhanced the Fund's benchmark-relative performance.

During the reporting period, were there any market events that materially impacted the Fund's performance or liquidity?

The sharp sell-off across all sectors that began in February 2020 was broadly based and indiscriminate. Concerns about the capacity for businesses to continue with their shareholder

distribution practices weighed on performance as equity markets sold off and owning dividend-yielding companies undermined returns. While government restrictions placed strains on wide sectors of the global economy, not all businesses faced the same degree of stress. As the recovery ensued, the Fund participated modestly; however, exposure to dividend-yielding stocks remained a headwind as the market was primarily driven by a handful of mega-cap names in the information technology, consumer discretionary and communication services sectors.

During the reporting period, which sectors and/or countries were the strongest positive contributors to the Fund's relative performance and which sectors and/or countries were particularly weak?

During the reporting period, the strongest positive sector contributions to the Fund's performance relative to the MSCI World Index came from industrials, with over half the effect derived from holdings in the aerospace & defense and air freight & logistics industries. (Contributions take weightings and total returns into account.) Relatively underweight exposure to the industrials sector also contributed positively. Within financials, underweight exposure to the banking industry enhanced relative returns, though the effect was offset by disappointing results from the Fund's insurance industry holdings.

During the same period, underweight exposure to the information technology sector—the strongest performing sector by far in the benchmark—proved the most significant detractor from the Fund's relative performance. Stock selection within the sector also detracted. Stock selection in communication services was challenged by the Fund's telecommunications holdings, and by holdings in a movie theater chain operator that the Fund exited in the midst of the market sell-off. Stock selection and underweight exposure in the consumer discretionary sector further detracted from relative returns, along with stock selection in health care as the Fund's pharmaceutical holdings were pressured. Overweight exposure to the energy sector further dampened relative results as an oil price war disrupted supply, and global oil demand remained subdued due to the pandemic-related economic slowdown.

On a country basis, the strongest positive contribution to the Fund's relative performance came from investments in Japan, while U.S. holdings detracted.

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

Top contributors to the Fund's absolute performance during the reporting period included semiconductor manufacturer Taiwan

1. See page 5 for other share class returns, which may be higher or lower than Class I share returns. See page 6 for more information on benchmark and peer group returns.

Semiconductor (“TSMC”), and consumer electronics and services company Apple.

Shares in TSMC, one of the largest semiconductor manufacturers in the world, benefited from production stumbles by competitor Intel and from increased demand for foundry services. With Intel delaying the launch of their next node size, expectations grew that TSMC would see additional foundry demand, making the company one of the two top suppliers of leading-edge semiconductor production in the world, along with Samsung. As of October 31, 2020, the company pays a well-covered dividend.

Apple shares outperformed on strong underlying demand both on its service and accessories side, as well as a return of iPhone sales growth. Customer demand for the company’s iPhone 11 handset lineup proved strong despite the anticipation of a 5G variant which was announced in October. Additionally, service adoption expanded to provide a strong driver of revenue growth regardless of iPhone demand. As of October 31, 2020, Apple returns cash to shareholders through dividends and share repurchases.

Paris-based global real estate company Unibail-Rodamco-Westfield and U.S. regulated utility CenterPoint Energy were the largest detractors from the Fund’s absolute performance during the reporting period. Both were discussed in detail in the Fund’s April 30, 2020 semiannual report. Other significant detractors during the full reporting period included Paris-based global insurance company AXA and U.K.-based financial services provider Lloyds Banking Group.

AXA shares traded lower in the March 2020 market sell-off (comparable with shares of the company’s insurance and financial company peers), and then partially recovered as lockdowns were eased and equity markets recovered. Concerns about the impact of low interest rates on investment income, higher mortality experience, and disputes regarding claims for coverage under business interruption contracts remained challenges for the insurance industry. Facing pressure from regulators, AXA’s board decided to pay the annual dividend for 2019 in two installments. While the first was paid, a subsequent regulatory notice in late July 2020 led AXA to cancel the second installment, which pressured shares. A further headwind emerged in September with an adverse ruling in a U.K. court case regarding coverage for business interruption claims. While AXA was not directly involved, the case increased uncertainty as to the ultimate resolution of certain business interruption claims. In our opinion, as of October 31, 2020, AXA’s business franchise remains strong and the company enjoys robust capital strength and liquidity. The company continues to have a transparent capital allocation policy with the ability to pay an attractive, growing dividend supported by earnings, and to maintain a strong regulatory capital position. Debt reduction also remains a focus for management.

Lloyds is one of the largest banks operating in the U.K. Following the Global Financial Crisis of 2007-2008, the company repositioned itself as a straightforward, low-risk bank focused on consumer lending (mortgages, autos and credit cards), business lending to small and medium enterprises, insurance and wealth management. Shares traded lower—comparable with shares of the company’s financial-sector peers—in the March market sell-off, and shares remained depressed as the U.K. economy continued to struggle with the effects of the pandemic. The Fund sold its position at the end of March on concerns that regulators would either request or require banks to discontinue shareholder distributions in light of pandemic-related economic uncertainty. Following the decision to sell, under pressure from the Bank of England, Lloyds and the other major U.K. banks canceled dividends that they had announced on 2019 earnings.

What were some of the Fund’s largest purchases and sales during the reporting period?

A few positions were initiated during the reporting period, including holdings in industrial equipment distributor MSC Industrial (“MSC”) and medical device maker Medtronic.

Addressing a highly fragmented market, MSC focuses on product availability and customer service. Cash flows are sustained by maintaining strong customer relationships and by providing superior logistics and in-stock products to support customer needs. Growth is driven by market-share gains and by moving the company’s sales force from fulfillment to a partnership with its customers. This partnership allows MSC to provide customers with unique insights that drive down their bill of materials, and improve their products and manufacturing processes, pushing MSC’s cash margins higher. By leveraging its infrastructure and implementing a strong cost-reduction program, we believe the company is positioned to experience margin expansion and lower working capital requirements through better inventory management, leading to better cash generation. As of October 31, 2020, MSC returns cash through a growing dividend and regular share repurchases.

Medtronic develops and sells therapeutic and diagnostic medical devices to treat a variety of conditions, including cardiac rhythm diseases, vascular and heart disease, spinal conditions and diabetes. The company has also developed a line of advanced surgical devices and systems. Cash flows are sustained by Medtronic’s diversification across business segments, customer type and geography. Cash flow growth drivers include sales growth through penetration of existing markets and the creation of new markets with innovative new therapies; margin expansion from cost reduction and improved sourcing; and higher cash conversion from better working capital management. As of October 31, 2020, Medtronic returns capital to shareholders through regular share repurchases and a consistently growing dividend with a 40% earnings payout target.

Positions closed during the reporting period included global integrated energy company Royal Dutch Shell (another top detractor from the Fund's total performance) and U.S. health care plan provider UnitedHealth Group.

Royal Dutch Shell shares declined along with those of other integrated oil companies as the energy sector suffered from supply dislocations caused by conflicts between major oil-producing countries, particularly Russia and Saudi Arabia, as well as the pandemic-related slump in energy demand. Given Shell's weakened balance sheet, measured by net debt leverage or gearing, we became concerned about the company's ability to maintain its dividend in a prolonged down cycle. We sold the Fund's position to invest the proceeds in other more attractive opportunities.

In our opinion, UnitedHealth faced possible near-term slowing of earning and cash flow growth driven by a confluence of factors. These included continued customer assistance measures; normalization in medical utilization; rising acuity as a result of missed and deferred treatment; COVID-19 vaccine and treatment costs; and a shift from higher-margin commercial membership to lower-margin Medicaid membership. In light of these challenges, the Fund exited its position in favor of other opportunities.

How did the Fund's sector and country weightings change during the reporting period?

During the reporting period, the Fund's most significant sector allocation changes were decreases in exposure to energy and

utilities. During the same period, the Fund significantly increased its information technology weighting and made smaller increases in its exposure to the communication services and health care sectors. From a country perspective, the Fund's most significant allocation changes included increased exposure to the United States, South Korea and Taiwan, and reduced exposure to the U.K. and France. The Fund's sector and country allocations are a result of our bottom-up fundamental investment process and reflect the companies and securities that we confidently believe can collect and distribute sustainable, growing shareholder yield.

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

As of October 31, 2020, the Fund's largest sector allocations on an absolute basis were to information technology and health care, and its smallest total sector allocations were to real estate and energy. As of the same date, relative to the MSCI World Index, the Fund held its most overweight exposure to utilities, a defensive sector that is typically more heavily represented in the Fund. The Fund's most significant underweight exposures were to the information technology and consumer discretionary sectors.

Portfolio of Investments October 31, 2020

	Shares	Value
Common Stocks 96.6%†		
Australia 0.2%		
Macquarie Group, Ltd. (Capital Markets)	24,298	\$ 2,164,772
Canada 5.1%		
BCE, Inc. (Diversified Telecommunication Services)	385,725	15,500,800
Fortis, Inc. (Electric Utilities)	244,530	9,659,697
Restaurant Brands International, Inc. (Hotels, Restaurants & Leisure)	151,270	7,866,040
Rogers Communications, Inc., Class B (Wireless Telecommunication Services)	174,600	7,092,511
Royal Bank of Canada (Banks)	167,919	11,741,600
TELUS Corp. (Diversified Telecommunication Services)	750,191	12,826,954
		<u>64,687,602</u>
Denmark 0.6%		
Novo Nordisk A/S, Class B (Pharmaceuticals)	111,352	<u>7,151,997</u>
France 5.5%		
AXA S.A. (Insurance)	511,330	8,218,183
Cie Generale des Etablissements Michelin SCA (Auto Components)	102,889	11,101,022
Danone S.A. (Food Products)	141,640	7,819,153
Orange S.A. (Diversified Telecommunication Services)	669,896	7,513,272
Sanofi (Pharmaceuticals)	178,609	16,094,274
SCOR S.E. (Insurance) (a)	205,466	4,991,714
TOTAL S.E. (Oil, Gas & Consumable Fuels)	457,512	13,757,965
		<u>69,495,583</u>
Germany 6.5%		
Allianz S.E., Registered (Insurance)	94,426	16,612,559
BASF S.E. (Chemicals)	212,460	11,647,074
Bayer A.G., Registered (Pharmaceuticals)	117,142	5,506,292
Deutsche Post A.G., Registered (Air Freight & Logistics)	335,839	14,878,772
Deutsche Telekom A.G., Registered (Diversified Telecommunication Services)	447,191	6,807,131
Muenchener Rueckversicherungs-Gesellschaft A.G., Registered (Insurance)	72,778	17,019,990
Siemens A.G., Registered (Industrial Conglomerates)	81,064	9,507,207
		<u>81,979,025</u>
Italy 3.0%		
Assicurazioni Generali S.p.A. (Insurance)	628,918	8,430,722
Snam S.p.A. (Gas Utilities)	3,833,198	18,705,561
Terna Rete Elettrica Nazionale S.p.A. (Electric Utilities)	1,639,999	11,085,785
		<u>38,222,068</u>

	Shares	Value
Japan 2.1%		
Takeda Pharmaceutical Co., Ltd. (Pharmaceuticals)	571,400	\$ 17,677,679
Tokio Marine Holdings, Inc. (Insurance)	203,100	9,038,091
		<u>26,715,770</u>
Norway 0.6%		
Orkla ASA (Food Products)	847,615	<u>7,997,901</u>
Republic of Korea 2.1%		
Hyundai Glovis Co., Ltd. (Air Freight & Logistics)	58,479	8,632,443
Samsung Electronics Co., Ltd. GDR (Technology Hardware, Storage & Peripherals)	12,672	16,004,736
GDR (Technology Hardware, Storage & Peripherals) (b)	1,219	1,539,597
		<u>26,176,776</u>
Singapore 0.6%		
Singapore Exchange, Ltd. (Capital Markets)	1,202,600	<u>7,624,376</u>
Sweden 0.6%		
Atlas Copco A.B., Class A (Machinery)	179,945	<u>7,945,292</u>
Switzerland 2.8%		
Nestle S.A., Registered (Food Products)	106,898	12,019,394
Novartis A.G., Registered (Pharmaceuticals)	136,295	10,626,239
Roche Holding A.G. (Pharmaceuticals)	38,305	12,312,993
		<u>34,958,626</u>
Taiwan 1.8%		
Taiwan Semiconductor Manufacturing Co., Ltd., Sponsored ADR (Semiconductors & Semiconductor Equipment)	273,481	<u>22,936,851</u>
United Kingdom 6.8%		
AstraZeneca PLC, Sponsored ADR (Pharmaceuticals)	180,836	9,070,734
BAE Systems PLC (Aerospace & Defense)	2,177,163	11,197,439
British American Tobacco PLC (Tobacco)	391,515	12,416,440
British American Tobacco PLC., Sponsored ADR (Tobacco)	131,395	4,188,873
Coca-Cola European Partners PLC (Beverages)	179,945	6,425,836
GlaxoSmithKline PLC (Pharmaceuticals)	750,515	12,560,066
National Grid PLC (Multi-Utilities)	918,435	10,934,557
Unilever PLC (Personal Products)	320,249	18,271,423
		<u>85,065,368</u>
United States 58.3%		
AbbVie, Inc. (Biotechnology)	207,561	17,663,441
Altria Group, Inc. (Tobacco)	408,440	14,736,515

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)		
United States (continued)		
Ameren Corp. (Multi-Utilities)	161,238	\$ 13,079,627
American Electric Power Co., Inc. (Electric Utilities)	139,413	12,537,411
American Tower Corp. (Equity Real Estate Investment Trusts)	33,851	7,773,882
Amgen, Inc. (Biotechnology)	48,995	10,628,975
Analog Devices, Inc. (Semiconductors & Semiconductor Equipment)	112,243	13,304,163
Apple, Inc. (Technology Hardware, Storage & Peripherals)	152,218	16,570,451
AT&T, Inc. (Diversified Telecommunication Services)	517,566	13,984,633
BlackRock, Inc. (Capital Markets)	16,034	9,607,733
Broadcom, Inc. (Semiconductors & Semiconductor Equipment)	37,174	12,997,146
Chevron Corp. (Oil, Gas & Consumable Fuels)	91,309	6,345,976
Cisco Systems, Inc. (Communications Equipment)	401,456	14,412,270
CME Group, Inc. (Capital Markets)	33,851	5,102,023
Coca-Cola Co. (Beverages)	212,015	10,189,441
Comcast Corp., Class A (Media)	183,954	7,770,217
Dominion Energy, Inc. (Multi-Utilities)	202,661	16,281,785
Dow, Inc. (Chemicals)	242,676	11,039,331
Duke Energy Corp. (Electric Utilities)	112,688	10,379,692
Eaton Corp. PLC (Electrical Equipment)	168,810	17,520,790
Emerson Electric Co. (Electrical Equipment)	160,881	10,423,480
Entergy Corp. (Electric Utilities)	135,404	13,705,593
Enterprise Products Partners, L.P. (Oil, Gas & Consumable Fuels)	576,360	9,550,285
Eversource, Inc. (Electric Utilities)	132,732	7,326,806
Hanesbrands, Inc. (Textiles, Apparel & Luxury Goods)	516,675	8,302,967
Hasbro, Inc. (Leisure Products)	99,326	8,216,247
Home Depot, Inc. (Specialty Retail)	34,452	9,188,693
Intel Corp. (Semiconductors & Semiconductor Equipment)	185,290	8,204,641
International Business Machines Corp. (IT Services)	153,711	17,163,370
Iron Mountain, Inc. (Equity Real Estate Investment Trusts)	557,653	14,532,437
Johnson & Johnson (Pharmaceuticals)	103,780	14,229,276
JPMorgan Chase & Co. (Banks)	102,688	10,067,532
Kimberly-Clark Corp. (Household Products)	110,016	14,587,021
KLA Corp. (Semiconductors & Semiconductor Equipment)	87,300	17,213,814
Las Vegas Sands Corp. (Hotels, Restaurants & Leisure)	165,247	7,941,771
Lazard, Ltd., Class A (Capital Markets)	236,512	7,963,359
Leggett & Platt, Inc. (Household Durables)	176,827	7,378,991

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

	Shares	Value
United States (continued)		
Lockheed Martin Corp. (Aerospace & Defense)	31,726	\$ 11,108,224
LyondellBasell Industries N.V., Class A (Chemicals)	121,596	8,323,246
Magellan Midstream Partners, L.P. (Oil, Gas & Consumable Fuels)	215,578	7,661,642
Maxim Integrated Products, Inc. (Semiconductors & Semiconductor Equipment)	52,558	3,660,665
McDonald's Corp. (Hotels, Restaurants & Leisure)	32,069	6,830,697
Medtronic PLC (Health Care Equipment & Supplies)	69,710	7,010,735
Merck & Co., Inc. (Pharmaceuticals)	213,351	16,046,129
MetLife, Inc. (Insurance)	368,062	13,931,147
Microsoft Corp. (Software)	136,295	27,595,649
MSC Industrial Direct Co., Inc., Class A (Trading Companies & Distributors)	26,332	1,834,287
Nutrien, Ltd. (Chemicals)	458,503	18,651,902
PepsiCo., Inc. (Beverages)	81,955	10,923,782
Pfizer, Inc. (Pharmaceuticals)	382,161	13,559,072
Philip Morris International, Inc. (Tobacco)	234,731	16,670,596
Phillips 66 (Oil, Gas & Consumable Fuels)	120,260	5,611,332
PNC Financial Services Group, Inc. (Banks)	62,589	7,002,457
Procter & Gamble Co. (Household Products)	75,274	10,320,065
T. Rowe Price Group, Inc. (Capital Markets)	53,003	6,713,360
Target Corp. (Multiline Retail)	58,297	8,873,969
Texas Instruments, Inc. (Semiconductors & Semiconductor Equipment)	120,260	17,388,393
Truist Financial Corp. (Banks)	220,923	9,305,277
United Parcel Service, Inc., Class B (Air Freight & Logistics)	58,348	9,167,054
Vail Resorts, Inc. (Hotels, Restaurants & Leisure)	38,750	8,991,550
Verizon Communications, Inc. (Diversified Telecommunication Services)	418,685	23,860,858
Watsco, Inc. (Trading Companies & Distributors)	51,222	11,480,899
WEC Energy Group, Inc. (Multi-Utilities)	149,212	15,003,267
Welltower, Inc. (Equity Real Estate Investment Trusts)	182,618	9,819,370
		<u>735,267,409</u>
Total Common Stocks (Cost \$1,153,657,702)		<u>1,218,389,416</u>

Portfolio of Investments October 31, 2020 (continued)

	Shares	Value
Short-Term Investment 1.5%		
Affiliated Investment Company 1.5%		
United States 1.5%		
MainStay U.S. Government Liquidity Fund, 0.02% (c)	18,691,765	\$ 18,691,765
Total Short-Term Investment (Cost \$18,691,765)		<u>18,691,765</u>
Total Investments (Cost \$1,172,349,467)	98.1%	1,237,081,181
Other Assets, Less Liabilities	<u>1.9</u>	<u>24,302,418</u>
Net Assets	<u>100.0%</u>	<u>\$1,261,383,599</u>

† Percentages indicated are based on Fund net assets.

(a) Non-income producing security.

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

(c) Current yield as of October 31, 2020.

The following abbreviations are used in the preceding pages:

ADR—American Depositary Receipt

GDR—Global Depositary Receipt

The following is a summary of the fair valuations according to the inputs used as of October 31, 2020, for valuing the Fund's assets:

Description	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Asset Valuation Inputs				
Investments in Securities (a)				
Common Stocks	\$1,218,389,416	\$ —	\$ —	\$1,218,389,416
Short-Term Investment				
Affiliated Investment Company	<u>18,691,765</u>	<u>—</u>	<u>—</u>	<u>18,691,765</u>
Total Investments in Securities	<u>\$1,237,081,181</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$1,237,081,181</u>

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

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

Industry Diversification

	Value	Percent †
Aerospace & Defense	\$ 22,305,663	1.8%
Air Freight & Logistics	32,678,269	2.6
Auto Components	11,101,022	0.9
Banks	38,116,866	3.0
Beverages	27,539,059	2.2
Biotechnology	28,292,416	2.2
Capital Markets	39,175,623	3.1
Chemicals	49,661,553	3.9
Communications Equipment	14,412,270	1.1
Diversified Telecommunication Services	80,493,648	6.4
Electric Utilities	64,694,984	5.1
Electrical Equipment	27,944,270	2.2
Equity Real Estate Investment Trusts	32,125,689	2.5
Food Products	27,836,448	2.2
Gas Utilities	18,705,561	1.5
Health Care Equipment & Supplies	7,010,735	0.6
Hotels, Restaurants & Leisure	31,630,058	2.5
Household Durables	7,378,991	0.6
Household Products	24,907,086	2.0
Industrial Conglomerates	9,507,207	0.8
Insurance	78,242,406	6.2
IT Services	17,163,370	1.4
Leisure Products	8,216,247	0.6
Machinery	7,945,292	0.6
Media	7,770,217	0.6
Multi-Utilities	55,299,236	4.4
Multiline Retail	8,873,969	0.7
Oil, Gas & Consumable Fuels	42,927,200	3.4
Personal Products	18,271,423	1.4
Pharmaceuticals	134,834,751	10.7
Semiconductors & Semiconductor Equipment	95,705,673	7.6
Software	27,595,649	2.2
Specialty Retail	9,188,693	0.7
Technology Hardware, Storage & Peripherals	34,114,784	2.7
Textiles, Apparel & Luxury Goods	8,302,967	0.7
Tobacco	48,012,424	3.8
Trading Companies & Distributors	13,315,186	1.1
Wireless Telecommunication Services	7,092,511	0.6
	1,218,389,416	96.6
Short-Term Investment	18,691,765	1.5
Other Assets, Less Liabilities	24,302,418	1.9
Net Assets	<u>\$1,261,383,599</u>	<u>100.0%</u>

† Percentages indicated are based on Fund net assets.

Statement of Assets and Liabilities as of October 31, 2020

Assets

Investment in unaffiliated securities, at value (identified cost \$1,153,657,702)	\$1,218,389,416
Investment in affiliated investment company, at value (identified cost \$18,691,765)	18,691,765
Receivables:	
Investment securities sold	28,108,016
Dividends	9,006,329
Fund shares sold	1,047,107
Securities lending	1,198
Other assets	63,961
Total assets	<u>1,275,307,792</u>

Liabilities

Due to custodian	1,087,678
Payables:	
Investment securities purchased	8,637,413
Fund shares redeemed	2,710,651
Manager (See Note 3)	903,426
Transfer agent (See Note 3)	391,753
Shareholder communication	64,557
NYLIFE Distributors (See Note 3)	63,602
Professional fees	39,369
Custodian	23,372
Trustees	1,836
Accrued expenses	536
Total liabilities	<u>13,924,193</u>
Net assets	<u>\$1,261,383,599</u>

Composition of Net Assets

Shares of beneficial interest outstanding (par value of \$.001 per share) unlimited number of shares authorized	\$ 79,866
Additional paid-in capital	<u>1,413,636,683</u>
	1,413,716,549
Total distributable earnings (loss)	<u>(152,332,950)</u>
Net assets	<u>\$1,261,383,599</u>

Class A

Net assets applicable to outstanding shares	<u>\$ 103,165,906</u>
Shares of beneficial interest outstanding	<u>6,517,404</u>
Net asset value per share outstanding	\$ 15.83
Maximum sales charge (5.50% of offering price)	<u>0.92</u>
Maximum offering price per share outstanding	<u>\$ 16.75</u>

Investor Class

Net assets applicable to outstanding shares	<u>\$ 7,897,314</u>
Shares of beneficial interest outstanding	<u>499,934</u>
Net asset value per share outstanding	\$ 15.80
Maximum sales charge (5.00% of offering price)	<u>0.83</u>
Maximum offering price per share outstanding	<u>\$ 16.63</u>

Class C

Net assets applicable to outstanding shares	<u>\$ 42,298,047</u>
Shares of beneficial interest outstanding	<u>2,689,341</u>
Net asset value and offering price per share outstanding	<u>\$ 15.73</u>

Class I

Net assets applicable to outstanding shares	<u>\$1,106,793,016</u>
Shares of beneficial interest outstanding	<u>70,081,852</u>
Net asset value and offering price per share outstanding	<u>\$ 15.79</u>

Class R2

Net assets applicable to outstanding shares	<u>\$ 458,560</u>
Shares of beneficial interest outstanding	<u>28,952</u>
Net asset value and offering price per share outstanding	<u>\$ 15.84</u>

Class R3

Net assets applicable to outstanding shares	<u>\$ 445,752</u>
Shares of beneficial interest outstanding	<u>28,176</u>
Net asset value and offering price per share outstanding	<u>\$ 15.82</u>

Class R6

Net assets applicable to outstanding shares	<u>\$ 325,004</u>
Shares of beneficial interest outstanding	<u>20,829</u>
Net asset value and offering price per share outstanding	<u>\$ 15.60</u>

Statement of Operations for the year ended October 31, 2020

Investment Income (Loss)

Income

Dividends-unaffiliated (a)	\$ 61,853,946
Dividends-affiliated	195,286
Securities lending	157,643
Other	<u>259</u>
Total income	<u>62,207,134</u>

Expenses

Manager (See Note 3)	11,376,635
Transfer agent (See Note 3)	2,468,710
Distribution/Service—Class A (See Note 3)	275,509
Distribution/Service—Investor Class (See Note 3)	22,025
Distribution/Service—Class C (See Note 3)	715,046
Distribution/Service—Class R2 (See Note 3)	1,310
Distribution/Service—Class R3 (See Note 3)	2,436
Professional fees	181,884
Registration	149,571
Custodian	132,632
Trustees	38,520
Interest expense	2,374
Shareholder service (See Note 3)	1,011
Shareholder communication	370
Miscellaneous	<u>76,624</u>
Total expenses before waiver/reimbursement	15,444,657
Expense waiver/reimbursement from Manager (See Note 3)	<u>(812,717)</u>
Net expenses	<u>14,631,940</u>
Net investment income (loss)	<u>47,575,194</u>

Realized and Unrealized Gain (Loss)

Net realized gain (loss) on:	
Unaffiliated investment transactions	(200,324,101)
Foreign currency transactions	<u>(277,547)</u>
Net realized gain (loss)	<u>(200,601,648)</u>
Net change in unrealized appreciation (depreciation) on:	
Unaffiliated investments	(66,714,924)
Translation of other assets and liabilities in foreign currencies	<u>325,890</u>
Net change in unrealized appreciation (depreciation)	<u>(66,389,034)</u>
Net realized and unrealized gain (loss)	<u>(266,990,682)</u>
Net increase (decrease) in net assets resulting from operations	<u>\$(219,415,488)</u>

(a) Dividends recorded net of foreign withholding taxes in the amount of \$3,015,965.

Statements of Changes in Net Assets

for the years ended October 31, 2020 and October 31, 2019

	2020	2019
Increase (Decrease) in Net Assets		
Operations:		
Net investment income (loss)	\$ 47,575,194	\$ 70,637,852
Net realized gain (loss)	(200,601,648)	37,848,324
Net change in unrealized appreciation (depreciation)	(66,389,034)	104,390,082
Net increase (decrease) in net assets resulting from operations	(219,415,488)	212,876,258
Distributions to shareholders:		
Class A	(5,145,312)	(11,156,669)
Investor Class	(414,339)	(851,967)
Class C	(3,136,339)	(10,468,761)
Class I	(70,734,292)	(184,934,046)
Class R2	(23,851)	(50,124)
Class R3	(20,647)	(57,129)
Class R6	(2,664,103)	(7,059,652)
Total distributions to shareholders	(82,138,883)	(214,578,348)
Capital share transactions:		
Net proceeds from sale of shares	361,913,175	349,377,188
Net asset value of shares issued to shareholders in reinvestment of distributions	69,769,141	175,740,279
Cost of shares redeemed	(828,069,448)	(1,210,497,335)
Increase (decrease) in net assets derived from capital share transactions	(396,387,132)	(685,379,868)
Net increase (decrease) in net assets	(697,941,503)	(687,081,958)
Net Assets		
Beginning of year	1,959,325,102	2,646,407,060
End of year	\$1,261,383,599	\$ 1,959,325,102

Financial Highlights selected per share data and ratios

Class A	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.75	\$ 18.38	\$ 19.66	\$ 17.42	\$ 18.83
Net investment income (loss) (a)	0.46	0.57	0.60	0.49	0.53
Net realized and unrealized gain (loss) on investments	(2.59)	1.42	(1.30)	2.24	(0.41)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.13)	1.99	(0.70)	2.73	0.12
Less distributions:					
From net investment income	(0.45)	(0.59)	(0.56)	(0.49)	(0.51)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.79)	(1.62)	(0.58)	(0.49)	(1.53)
Net asset value at end of year	\$ 15.83	\$ 18.75	\$ 18.38	\$ 19.66	\$ 17.42
Total investment return (b)	(11.48%)	11.66%	(3.64%)	15.88%	0.87%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.74%	3.17%	3.07%	2.62%	2.97%
Net expenses (c)	1.09% (d)	1.10%(d)	1.10%	1.14%	1.11%(d)
Expenses (before waiver/reimbursement) (c)	1.14%	1.14%	1.16%	1.14%	1.11%
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 103,166	\$ 125,791	\$ 134,136	\$ 782,204	\$ 900,737

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Investor Class	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.72	\$ 18.35	\$ 19.63	\$ 17.39	\$ 18.80
Net investment income (loss) (a)	0.46	0.57	0.54	0.49	0.53
Net realized and unrealized gain (loss) on investments	(2.59)	1.42	(1.24)	2.25	(0.41)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.13)	1.99	(0.70)	2.74	0.12
Less distributions:					
From net investment income	(0.45)	(0.59)	(0.56)	(0.50)	(0.51)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.79)	(1.62)	(0.58)	(0.50)	(1.53)
Net asset value at end of year	\$ 15.80	\$ 18.72	\$ 18.35	\$ 19.63	\$ 17.39
Total investment return (b)	(11.53%)	11.67%	(3.65%)	15.93%	0.87%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.70%	3.15%	2.80%	2.66%	3.04%
Net expenses (c)	1.13% (d)	1.11%(d)	1.10%	1.11%	1.11%(d)
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 7,897	\$ 10,067	\$ 9,582	\$ 10,849	\$ 10,419

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Financial Highlights selected per share data and ratios

Class C	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.62	\$ 18.25	\$ 19.53	\$ 17.30	\$ 18.71
Net investment income (loss) (a)	0.34	0.44	0.40	0.35	0.40
Net realized and unrealized gain (loss) on investments	(2.57)	1.41	(1.25)	2.24	(0.41)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.23)	1.85	(0.85)	2.59	(0.01)
Less distributions:					
From net investment income	(0.32)	(0.45)	(0.41)	(0.36)	(0.38)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.66)	(1.48)	(0.43)	(0.36)	(1.40)
Net asset value at end of year	\$ 15.73	\$ 18.62	\$ 18.25	\$ 19.53	\$ 17.30
Total investment return (b)	(12.14%)	10.88%	(4.41%)	15.08%	0.11%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.00%	2.47%	2.08%	1.91%	2.26%
Net expenses (c)	1.84% (d)	1.85%(d)	1.84%	1.86%	1.86%(d)
Expenses (before waiver/reimbursement) (c)	1.88%	1.87%	1.85%	1.86%	1.86%
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 42,298	\$ 97,872	\$ 138,182	\$ 189,291	\$ 221,557

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Class I	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.72	\$ 18.34	\$ 19.63	\$ 17.39	\$ 18.80
Net investment income (loss) (a)	0.50	0.62	0.59	0.53	0.57
Net realized and unrealized gain (loss) on investments	(2.59)	1.43	(1.25)	2.25	(0.40)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.09)	2.05	(0.66)	2.78	0.17
Less distributions:					
From net investment income	(0.50)	(0.64)	(0.61)	(0.54)	(0.56)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.84)	(1.67)	(0.63)	(0.54)	(1.58)
Net asset value at end of year	\$ 15.79	\$ 18.72	\$ 18.34	\$ 19.63	\$ 17.39
Total investment return (b)	(11.31%)	12.03%	(3.44%)	16.20%	1.12%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.98%	3.44%	3.03%	2.87%	3.25%
Net expenses (c)	0.84% (d)	0.85%(d)	0.85%	0.89%	0.86%(d)
Expenses (before waiver/reimbursement) (c)	0.89%	0.89%	0.91%	0.89%	0.86%
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 1,106,793	\$ 1,657,341	\$ 2,279,815	\$ 2,850,185	\$ 2,817,292

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. Class I shares are not subject to sales charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Financial Highlights selected per share data and ratios

Class R2	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.77	\$ 18.39	\$ 19.67	\$ 17.42	\$ 18.83
Net investment income (loss) (a)	0.44	0.55	0.50	0.48	0.50
Net realized and unrealized gain (loss) on investments	(2.60)	1.42	(1.24)	2.25	(0.39)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.16)	1.97	(0.74)	2.73	0.11
Less distributions:					
From net investment income	(0.43)	(0.56)	(0.52)	(0.48)	(0.50)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.77)	(1.59)	(0.54)	(0.48)	(1.52)
Net asset value at end of year	\$ 15.84	\$ 18.77	\$ 18.39	\$ 19.67	\$ 17.42
Total investment return (b)	(11.66%)	11.55%	(3.81%)	15.83%	0.77%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.59%	3.02%	2.60%	2.58%	2.86%
Net expenses (c)	1.24% (d)	1.24%(d)	1.27%	1.23%	1.21%(d)
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 459	\$ 632	\$ 583	\$ 293	\$ 374

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. Class R2 shares are not subject to sales charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Class R3	Year ended October 31,				February 29, 2016 [^] through October 31, 2016
	2020	2019	2018	2017	
Net asset value at beginning of period	\$ 18.74	\$ 18.36	\$ 19.65	\$ 17.41	\$ 16.80
Net investment income (loss) (a)	0.40	0.53	0.47	0.29	0.29
Net realized and unrealized gain (loss) on investments	(2.60)	1.40	(1.26)	2.39	0.69
Net realized and unrealized gain (loss) on foreign currency transactions	0.00 ‡	(0.00)‡	(0.00)‡	0.00 ‡	0.01
Total from investment operations	(2.20)	1.93	(0.79)	2.68	0.99
Less distributions:					
From net investment income	(0.38)	(0.52)	(0.48)	(0.44)	(0.38)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	—
Total distributions	(0.72)	(1.55)	(0.50)	(0.44)	(0.38)
Net asset value at end of period	\$ 15.82	\$ 18.74	\$ 18.36	\$ 19.65	\$ 17.41
Total investment return (b)	(11.87%)	11.28%	(4.10%)	15.53%	5.84%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	2.33%	2.92%	2.42%	1.54%	2.42%††
Net expenses (c)	1.49% (d)	1.49%(d)	1.52%	1.50%	1.45%††
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of period (in 000's)	\$ 446	\$ 568	\$ 690	\$ 543	\$ 51

[^] Inception date.

‡ Less than one cent per share.

†† Annualized.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. Class R3 shares are not subject to sales charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

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

Class R6	Year ended October 31,				
	2020	2019	2018	2017	2016
Net asset value at beginning of year	\$ 18.73	\$ 18.35	\$ 19.64	\$ 17.40	\$ 18.81
Net investment income (loss) (a)	0.54	0.63	0.63	0.48	0.53
Net realized and unrealized gain (loss) on investments	(2.81)	1.43	(1.27)	2.33	(0.34)
Net realized and unrealized gain (loss) on foreign currency transactions ‡	0.00	(0.00)	(0.00)	0.00	(0.00)
Total from investment operations	(2.27)	2.06	(0.64)	2.81	0.19
Less distributions:					
From net investment income	(0.52)	(0.65)	(0.63)	(0.57)	(0.58)
From net realized gain on investments	(0.34)	(1.03)	(0.02)	—	(1.02)
Total distributions	(0.86)	(1.68)	(0.65)	(0.57)	(1.60)
Net asset value at end of year	\$ 15.60	\$ 18.73	\$ 18.35	\$ 19.64	\$ 17.40
Total investment return (b)	(12.32%)	12.14%	(3.32%)	16.36%	1.25%
Ratios (to average net assets)/Supplemental Data:					
Net investment income (loss)	3.18%	3.50%	3.25%	2.55%	3.04%
Net expenses (c)	0.74% (d)	0.75%(d)	0.74%	0.74%	0.74%(d)
Expenses (before waiver/reimbursement) (c)	0.76%	0.75%	0.74%	0.74%	0.74%
Portfolio turnover rate	40%	24%	15%	18%	21%
Net assets at end of year (in 000's)	\$ 325	\$ 67,054	\$ 83,418	\$ 111,720	\$ 33,404

‡ Less than one cent per share.

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

(b) Total investment return is calculated exclusive of sales charges and assumes the reinvestment of distributions. Class R6 shares are not subject to sales charges. For periods of less than one year, total return is not annualized.

(c) In addition to the fees and expenses which the Fund 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.

(d) Net of interest expense of less than 0.01%. (See Note 6)

Notes to Financial Statements

Note 1—Organization and Business

MainStay Funds Trust (the “Trust”) was organized as a Delaware statutory trust on April 28, 2009. The Trust is registered under the Investment Company Act of 1940, as amended (the “1940 Act”), as an open-end management investment company, and is comprised of thirty-four funds (collectively referred to as the “Funds”). These financial statements and notes relate to the MainStay Epoch Global Equity Yield Fund (the “Fund”), a “diversified” fund, as that term is defined in the 1940 Act, as interpreted or modified by regulatory authorities having jurisdiction, from time to time.

The Fund currently has eight classes of shares registered for sale. Investor Class and Class C shares commenced operations on November 16, 2009. Class I and Class A shares commenced operations (under former designations) on December 27, 2005 and August 2, 2006, respectively. Class R6 shares commenced operations on June 17, 2013. Class R2 shares commenced operations on February 28, 2014. Class R3 shares commenced operations on February 29, 2016. SIMPLE Class shares were registered for sale effective as of August 31, 2020. As of October 31, 2020, SIMPLE Class shares were not yet offered for sale.

Class A and Investor Class shares are offered at net asset value (“NAV”) per share plus an initial sales charge. No initial sales charge applies to investments of \$1 million or more (and certain other qualified purchases) in Class A and Investor Class shares. However, a contingent deferred sales charge (“CDSC”) of 1.00% may be imposed on certain redemptions made within 18 months of the date of purchase on shares that were purchased without an initial sales charge. Class C shares are offered at NAV without an initial sales charge, although a 1.00% CDSC may be imposed on certain redemptions of such shares made within one year of the date of purchase of Class C shares. Class I, Class R2, Class R3 and Class R6 shares are offered at NAV without a sales charge. SIMPLE Class shares are currently expected to be offered at NAV without a sales charge. In addition, depending upon eligibility, Class C shares convert to either Class A or Investor Class shares at the end of the calendar quarter ten years after the date they were purchased. Additionally, Investor Class shares may convert automatically to Class A shares. Under certain circumstances and as may be permitted by the Trust’s multiple class plan pursuant to Rule 18f-3 under the 1940 Act, specified share classes of the Fund may be converted to one or more other share classes of the Fund as disclosed in the capital share transactions within these Notes. The classes of shares have the same voting (except for issues that relate solely to one class), dividend, liquidation and other rights, and the same terms and conditions, except that Class C shares are subject to higher distribution and/or service fees than Class A, Investor Class, Class R2, Class R3 and SIMPLE Class shares under distribution plans pursuant to Rule 12b-1 under the 1940 Act. Class I and Class R6 shares are not subject to a distribution and/or service fee. Class R2 and Class R3 shares are subject to a shareholder service fee, which is in addition to fees paid under the distribution plans for Class R2 and Class R3 shares.

The Fund’s investment objective is to seek a high level of income. Capital appreciation is a secondary investment objective.

Note 2—Significant Accounting Policies

The Fund 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 Fund 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 Fund is open for business (“valuation date”).

The Board of Trustees of the Trust (the “Board”) adopted procedures establishing methodologies for the valuation of the Fund’s securities and other assets and delegated the responsibility for valuation determinations under those procedures to the Valuation Committee of the Trust (the “Valuation Committee”). 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 Fund’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 Subadviser (as defined in Note 3(A)). To assess the appropriateness of security valuations, the Manager, the Subadviser or the Fund’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.

The Board authorized the Valuation Committee to appoint a Valuation Subcommittee (the “Subcommittee”) to establish the prices of securities for which market quotations are not readily available or the prices of which are not otherwise readily determinable under the procedures. The Subcommittee meets (in person, via electronic mail or via teleconference) on an as-needed basis. The Valuation Committee meets to ensure that actions taken by the Subcommittee were appropriate.

For those securities valued through either a standardized fair valuation methodology or a fair valuation measurement, the Subcommittee deals 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 Fund would reasonably expect to receive upon selling an asset or liability in an orderly transaction to an independent buyer in the principal or most advantageous market for the asset or liability. Fair value measurements are determined within a framework that establishes a three-tier hierarchy that maximizes the use of observable market data and minimizes the use of unobservable inputs to establish a classification of fair value measurements for disclosure

Notes to Financial Statements (continued)

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 Fund. Unobservable inputs reflect the Fund’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 Fund’s own assumptions about the assumptions that market participants would use in measuring fair value of an asset or liability)

The level of an asset or liability within the fair value hierarchy is based on the lowest level of an input, both individually and in the aggregate, that is significant to the fair value measurement. The aggregate value by input level of the Fund’s assets and liabilities as of October 31, 2020, is included at the end of the Portfolio of Investments.

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

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

An asset or liability for which 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 Fund 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 Fund 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 Fund’s valuation procedures may differ from valuations for the

same security determined by other funds using their own valuation procedures. Although the Fund’s valuation procedures are designed to value a security at the price the Fund 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 Fund 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 October 31, 2020, 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. No securities held by the Fund as of October 31, 2020, were fair valued in such a manner.

Certain securities held by the Fund may principally trade in foreign markets. Events may occur between the time the foreign markets close and the time at which the Fund’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. No foreign equity securities held by the Fund as of October 31, 2020 were 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. 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.

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

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

(B) Income Taxes. The Fund’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 Fund within the allowable time limits.

The Manager evaluates the Fund’s tax positions to determine if the tax positions taken meet the minimum recognition threshold in connection with accounting for uncertainties in income tax positions taken or expected to be taken for the purposes of measuring and recognizing tax liabilities in the financial statements. Recognition of tax benefits of an uncertain tax position is permitted only to the extent the position is “more likely than not” to be sustained assuming examination by taxing authorities. The Manager analyzed the Fund’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 Fund’s financial statements. The Fund’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 Fund 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 Fund 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 Fund 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 Fund will accrue such taxes as applicable based upon its current interpretation of tax rules and regulations that exist in the market in which it invests. Capital gains taxes relating to

positions still held are reflected as a liability in the Statement of Assets and Liabilities, as well as an adjustment to the Fund’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 Fund intends to declare and pay dividends from net investment income, if any, at least quarterly and distributions from net realized capital and currency gains, if any, at least annually. Unless a shareholder elects otherwise, all dividends and distributions are reinvested at NAV in the same class of shares of the Fund. 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 Fund records security transactions on the trade date. Realized gains and losses on security transactions are determined using the identified cost method. Dividend income is recognized on the ex-dividend date, net of any foreign tax withheld at the source, and interest income is accrued as earned using the effective interest rate method. Distributions received from real estate investment trusts may be classified as dividends, capital gains and/or return of capital.

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

(F) Expenses. Expenses of the Trust are allocated to the individual Funds in proportion to the net assets of the respective Funds when the expenses are incurred, except where direct allocations of expenses can be made. Expenses (other than transfer agent expenses and fees incurred under the shareholder services plans and/or the distribution plans further discussed in Note 3(B)) 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 Fund, including those of related parties to the Fund, are shown in the Statement of Operations.

Additionally, the Fund 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 Fund’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, the Manager makes estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates and assumptions.

(H) Repurchase Agreements. The Fund 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

Notes to Financial Statements (continued)

Fund 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 Fund to the counterparty secured by the securities transferred to the Fund.

Repurchase agreements are subject to counterparty risk, meaning the Fund could lose money by the counterparty's failure to perform under the terms of the agreement. The Fund 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 Fund'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 Fund 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 Fund. As of October 31, 2020, the Fund did not hold any repurchase agreements.

(I) Foreign Currency Transactions. The Fund'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 Fund'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) Securities Lending. In order to realize additional income, the Fund 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 Fund engages in securities lending, the Fund will lend through its custodian, currently State Street Bank and Trust Company ("State Street") (See Note 12 for securities lending agent change), acting as securities lending agent on behalf of the Fund. Under the current arrangement, State Street will manage the

Fund's collateral in accordance with the securities lending agency agreement between the Fund and State Street, and indemnify the Fund 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 Fund bears the risk of delay in recovery of, or loss of rights in, the securities loaned. The Fund may also record a realized gain or loss on securities deemed sold due to a borrower's inability to return securities on loan. The Fund bears the risk of any loss on investment of cash collateral. The Fund 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 Fund 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 Fund. Income earned from securities lending activities, if any, is reflected in the Statement of Operations. As of October 31, 2020, the Fund did not have any portfolio securities on loan.

(K) Foreign Securities Risk. The Fund 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 Fund to meet their obligations may be affected by, among other things, economic or political developments in a specific country, industry or region.

(L) Large Transaction Risks. From time to time, the Fund may receive large purchase or redemption orders from affiliated or unaffiliated mutual funds or other investors. Such large transactions could have adverse effects on the Fund's performance if the Fund were required to sell securities or invest cash at times when it otherwise would not do so. This activity could also accelerate the realization of capital gains and increase the Fund's transaction costs. The Fund has adopted procedures designed to mitigate the negative impacts of such large transactions, but there can be no assurance that these procedures will be effective.

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

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 Insurance Company (“New York Life”), serves as the Fund’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 Fund. Except for the portion of salaries and expenses that are the responsibility of the Fund, the Manager pays the salaries and expenses of all personnel affiliated with the Fund and certain operational expenses of the Fund. The Fund reimburses New York Life Investments in an amount equal to the portion of the compensation of the Chief Compliance Officer attributable to the Fund. Epoch Investment Partners, Inc. (“Epoch” or the “Subadvisor”), a registered investment adviser, serves as Subadvisor to the Fund and is responsible for the day-to-day portfolio management of the Fund. Pursuant to the terms of an Amended and Restated Subadvisory Agreement (“Subadvisory Agreement”) between New York Life Investments and Epoch, New York Life Investments pays for the services of the Subadvisor.

Pursuant to the Management Agreement, the Fund pays the Manager a monthly fee for the services performed and the facilities furnished at an annual rate of 0.70% of the Fund’s average daily net assets.

New York Life Investments has contractually agreed to waive fees and/or reimburse expenses so that Total Annual Fund Operating Expenses (excluding taxes, interest, litigation, extraordinary expenses, brokerage and other transaction expenses relating to the purchase and sale of portfolio investments, and acquired (underlying) fund fees and expenses) do not exceed the following percentages of average daily net assets: Class A, 1.09%; Class C, 1.84%; Class I, 0.84%; and Class R6, 0.74%. This agreement will remain in effect until August 31, 2021, and shall renew automatically for one-year terms unless New York Life Investments provides written notice of termination prior to the start of the next term or upon approval of the Board.

During the year ended October 31, 2020, New York Life Investments earned fees from the Fund in the amount of \$11,376,635 and waived fees and/or reimbursed expenses, including the voluntary waiver/reimbursement of certain class-specific expenses, in the amount of \$812,717 and paid the Subadvisor in the amount of \$5,688,317.

State Street provides sub-administration and sub-accounting services to the Fund pursuant to an agreement with New York Life Investments (See Note 12 for sub-administration and sub-accounting service provider change). These services include calculating the daily NAVs of the Fund, maintaining the general ledger and sub-ledger accounts for the calculation of the Fund’s NAVs and assisting New York Life Investments in conducting various aspects of the Fund’s administrative operations. For providing these services to the Fund, State Street is compensated by New York Life Investments.

Pursuant to an agreement between the Trust and New York Life Investments, New York Life Investments is responsible for providing or procuring certain regulatory reporting services for the Fund. The Fund 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 Fund.

(B) Distribution, Service and Shareholder Service Fees. The Trust, on behalf of the Fund, has entered into a distribution agreement with NYLIFE Distributors LLC (the “Distributor”), an affiliate of New York Life Investments. The Fund has adopted distribution plans (the “Plans”) in accordance with the provisions of Rule 12b-1 under the 1940 Act.

Pursuant to the Class A, Investor Class and Class R2 Plans, the Distributor receives a monthly distribution fee from the Class A, Investor Class and Class R2 shares at an annual rate of 0.25% of the average daily net assets of the Class A, Investor Class and Class R2 shares for distribution and/or service activities as designated by the Distributor. Pursuant to the Class C Plan, Class C shares pay the Distributor a monthly distribution fee at an annual rate of 0.75% of the average daily net assets of the Class C shares, along with a service fee at an annual rate of 0.25% of the average daily net assets of the Class C shares, for a total 12b-1 fee of 1.00%. Pursuant to the Class R3 Plan, Class R3 shares pay the Distributor a monthly fee at an annual rate of 0.25% of the average daily net assets of the Class R3 shares, along with a service fee at an annual rate of 0.25% of the average daily net assets of the Class R3 shares, for a total 12b-1 fee of 0.50%. Class I and Class R6 shares are not subject to a distribution and/or service fee.

The Plans provide that the distribution and service fees are payable to the Distributor regardless of the amounts actually expended by the Distributor for distribution of the Fund’s shares and service activities.

In accordance with the Shareholder Services Plan for the Class R2 and Class R3 shares, the Manager has agreed to provide, through its affiliates or independent third parties, various shareholder and administrative support services to shareholders of the Class R2 and Class R3 shares. For its services, the Manager, its affiliates or independent third-party service providers are entitled to a shareholder service fee accrued daily and paid monthly at an annual rate of 0.10% of the average daily net assets of the Class R2 and Class R3 shares. This is in addition to any fees paid under the Class R2 and Class R3 Plans.

During the year ended October 31, 2020, shareholder service fees incurred by the Fund were as follows:

Class R2	\$524
Class R3	487

(C) Sales Charges. The Fund was advised by the Distributor that the amount of initial sales charges retained on sales of Class A and Investor Class shares during the year ended October 31, 2020, were \$8,428 and \$2,049, respectively.

The Fund was also advised that the Distributor retained CDSCs on redemptions of Class A and Class C shares during the year ended October 31, 2020, of \$1,297 and \$2,405, respectively.

(D) Transfer, Dividend Disbursing and Shareholder Servicing Agent. NYLIM Service Company LLC, an affiliate of New York Life Investments, is the Fund’s transfer, dividend disbursing and shareholder servicing agent pursuant to an agreement between NYLIM Service Company LLC and the Trust. NYLIM Service Company LLC has entered into an agreement with DST Asset Manager Solutions, Inc. (“DST”), pursuant to which DST performs certain transfer agent services on behalf of NYLIM Service Company LLC. New York Life Investments has contractually agreed to limit the transfer agency expenses charged to the Fund’s share classes to a maximum of 0.35%

Notes to Financial Statements (continued)

of that share class's average daily net assets on an annual basis after deducting any applicable Fund or class-level expense reimbursement or small account fees. This agreement will remain in effect until February 28, 2021, and shall renew automatically for one-year terms unless New York Life Investments provides written notice of termination prior to the start of the next term or upon approval of the Board. During the year ended October 31, 2020, transfer agent expenses incurred by the Fund and any reimbursements, pursuant to the aforementioned Transfer Agency expense limitation agreement, were as follows:

Class	Expense	Waived
Class A	\$ 173,229	\$—
Investor Class	12,504	—
Class C	100,080	—
Class I	2,179,554	—
Class R2	824	—
Class R3	762	—
Class R6	1,757	—

(F) Investments in Affiliates (in 000's). During the year ended October 31, 2020, 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	\$38,943	\$513,991	\$(534,242)	\$—	\$—	\$18,692	\$195	\$—	18,692

(G) Capital. As of October 31, 2020, New York Life and its affiliates beneficially held shares of the Fund with the values and percentages of net assets as follows:

Class R2	\$28,559	6.2%
Class R3	28,752	6.5

Note 4—Federal Income Tax

As of October 31, 2020, the cost and unrealized appreciation (depreciation) of the Fund'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 (Depreciation)	Gross Unrealized Depreciation (Depreciation)	Net Unrealized Appreciation/(Depreciation)
Investments in Securities	\$1,189,047,634	\$166,866,517	\$(118,834,245)	\$48,032,272

As of October 31, 2020, 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)
\$4,918,670	\$(205,555,324)	\$—	\$48,303,704	\$(152,332,950)

(E) Small Account Fee. Shareholders with small accounts adversely impact the cost of providing transfer agency services. In an effort to reduce total transfer agency expenses, the Fund has implemented a small account fee on certain types of accounts. As described in the Fund's prospectus, certain shareholders with an account balance of less than \$1,000 (\$5,000 for Class A share accounts) are charged an annual per account fee of \$20 (assessed semi-annually), the proceeds from which offset transfer agent fees as reflected in the Statement of Operations. This small account fee will not apply to certain types of accounts as described further in the Fund's prospectus.

The difference between book-basis and tax-basis unrealized appreciation (depreciation) is primarily due to wash sale adjustments and partnerships. The other temporary differences are primarily due to mark to market of forward contracts.

As of October 31, 2020, for federal income tax purposes, capital loss carryforwards of \$205,555,324 were available as shown in the table below, to the extent provided by the regulations to offset future realized gains of the Fund through the years indicated. To the extent that these capital loss carryforwards are used to offset future capital gains, it is probable that the capital gains so offset will not be distributed to shareholders. No capital gain distributions shall be made until any capital loss carryforwards have been fully utilized.

Capital Loss Available Through	Short-Term Capital Loss Amounts (000's)	Long-Term Capital Loss Amounts (000's)
Unlimited	\$69,975	\$135,580

During the years ended October 31, 2020, and October 31, 2019, the tax character of distributions paid as reflected in the Statements of Changes in Net Assets were as follows:

	2020	2019
Distributions paid from:		
Ordinary Income	\$46,400,441	\$ 71,357,536
Long-Term Capital Gain	35,738,442	143,220,812
Total	\$82,138,883	\$214,578,348

Note 5—Custodian

State Street is the custodian of cash and securities held by the Fund (See Note 12 for custodian change). Custodial fees are charged to the Fund based on the Fund's net assets and/or the market value of securities held by the Fund and the number of certain transactions incurred by the Fund.

Note 6—Line of Credit

The Fund 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 28, 2020, 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 JP Morgan Chase Bank NA, who serves as the agent to the syndicate. The commitment fee is allocated among the Fund 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 27, 2021, although the Fund, certain other funds managed by New York Life Investments and the syndicate of banks may renew the Credit Agreement for an additional year on the same or different terms or enter into a credit agreement with a different syndicate of banks. Prior to July 28, 2020, the aggregate commitment amount and the commitment fee were the same as those under the current Credit Agreement, but State Street served as agent to the syndicate.

During the year ended October 31, 2020 the Fund utilized the line of credit for a total of 4 days, maintained an average daily balance of \$20,619,250 at a weighted average interest rate of 1.03% and incurred interest expense in the amount of \$2,374. As of October 31, 2020, there were no borrowings outstanding with respect to the Fund under the Credit Agreement or the credit agreement for which State Street served as agent.

Note 7—Interfund Lending Program

Pursuant to an exemptive order issued by the SEC, the Fund, 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 Fund 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 October 31, 2020, there were no interfund loans made or outstanding with respect to the Fund.

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

During the year ended October 31, 2020, purchases and sales of securities, other than short-term securities, were \$623,851 and \$1,049,709, respectively.

Note 9—Capital Share Transactions

Transactions in capital shares for the years ended October 31, 2020, and October 31, 2019, were as follows:

Class A	Shares	Amount
Year ended October 31, 2020:		
Shares sold	1,967,589	\$ 32,849,885
Shares issued to shareholders in reinvestment of distributions	281,903	4,699,048
Shares redeemed	(2,495,861)	(40,787,576)
Net increase (decrease) in shares outstanding before conversion	(246,369)	(3,238,643)
Shares converted into Class A (See Note 1)	71,291	1,178,778
Shares converted from Class A (See Note 1)	(14,681)	(255,118)
Net increase (decrease)	(189,759)	\$ (2,314,983)
Year ended October 31, 2019:		
Shares sold	1,388,390	\$ 24,952,515
Shares issued to shareholders in reinvestment of distributions	575,361	10,059,761
Shares redeemed	(2,595,613)	(46,495,593)
Net increase (decrease) in shares outstanding before conversion	(631,862)	(11,483,317)
Shares converted into Class A (See Note 1)	52,327	953,215
Shares converted from Class A (See Note 1)	(12,638)	(229,039)
Net increase (decrease)	(592,173)	\$ (10,759,141)
Investor Class	Shares	Amount
Year ended October 31, 2020:		
Shares sold	72,783	\$ 1,217,338
Shares issued to shareholders in reinvestment of distributions	24,777	412,254
Shares redeemed	(104,256)	(1,752,343)
Net increase (decrease) in shares outstanding before conversion	(6,696)	(122,751)
Shares converted into Investor Class (See Note 1)	3,709	60,290
Shares converted from Investor Class (See Note 1)	(34,880)	(596,092)
Net increase (decrease)	(37,867)	\$ (658,553)
Year ended October 31, 2019:		
Shares sold	80,288	\$ 1,437,101
Shares issued to shareholders in reinvestment of distributions	48,480	846,922
Shares redeemed	(85,134)	(1,537,099)
Net increase (decrease) in shares outstanding before conversion	43,634	746,924
Shares converted into Investor Class (See Note 1)	12,496	227,930
Shares converted from Investor Class (See Note 1)	(40,658)	(738,751)
Net increase (decrease)	15,472	\$ 236,103

Notes to Financial Statements (continued)

Class C	Shares	Amount
Year ended October 31, 2020:		
Shares sold	180,256	\$ 3,062,043
Shares issued to shareholders in reinvestment of distributions	138,025	2,312,613
Shares redeemed	(2,842,169)	(46,642,965)
Net increase (decrease) in shares outstanding before conversion	(2,523,888)	(41,268,309)
Shares converted from Class C (See Note 1)	(42,044)	(668,840)
Net increase (decrease)	(2,565,932)	\$ (41,937,149)
Year ended October 31, 2019:		
Shares sold	393,915	\$ 6,921,596
Shares issued to shareholders in reinvestment of distributions	458,454	7,937,006
Shares redeemed	(3,152,085)	(56,057,971)
Net increase (decrease) in shares outstanding before conversion	(2,299,716)	(41,199,369)
Shares converted from Class C (See Note 1)	(15,619)	(282,220)
Net increase (decrease)	(2,315,335)	\$ (41,481,589)

Class I	Shares	Amount
Year ended October 31, 2020:		
Shares sold	19,441,904	\$ 320,299,767
Shares issued to shareholders in reinvestment of distributions	3,586,988	59,636,707
Shares redeemed	(41,503,028)	(672,684,989)
Net increase in shares outstanding before conversion	(18,474,136)	(292,748,515)
Shares converted into Class I (See Note 1)	16,253	280,982
Net increase (decrease)	(18,457,883)	\$ (292,467,533)
Year ended October 31, 2019:		
Shares sold	17,629,092	\$ 313,628,741
Shares issued to shareholders in reinvestment of distributions	8,605,612	149,729,860
Shares redeemed	(61,974,606)	(1,079,357,568)
Net increase (decrease) in shares outstanding before conversion	(35,739,902)	(615,998,967)
Shares converted into Class I (See Note 1)	3,931	68,865
Net increase (decrease)	(35,735,971)	\$ (615,930,102)

Class R2	Shares	Amount
Year ended October 31, 2020:		
Shares sold	1,271	\$ 22,020
Shares issued to shareholders in reinvestment of distributions	1,430	23,851
Shares redeemed	(7,402)	(123,706)
Net increase (decrease)	(4,701)	\$ (77,835)
Year ended October 31, 2019:		
Shares issued to shareholders in reinvestment of distributions	2,861	50,124
Shares redeemed	(897)	(16,605)
Net increase (decrease)	1,964	\$ 33,519

Class R3	Shares	Amount
Year ended October 31, 2020:		
Shares sold	3,768	\$ 63,647
Shares issued to shareholders in reinvestment of distributions	1,222	20,565
Shares redeemed	(7,128)	(104,448)
Net increase (decrease)	(2,138)	\$ (20,236)
Year ended October 31, 2019:		
Shares sold	6,744	\$ 120,703
Shares issued to shareholders in reinvestment of distributions	3,263	56,954
Shares redeemed	(17,285)	(314,213)
Net increase (decrease)	(7,278)	\$ (136,556)

Class R6	Shares	Amount
Year ended October 31, 2020:		
Shares sold	313,727	\$ 4,398,475
Shares issued to shareholders in reinvestment of distributions	161,020	2,664,103
Shares redeemed	(4,034,612)	(65,973,421)
Net increase (decrease)	(3,559,865)	\$(58,910,843)
Year ended October 31, 2019:		
Shares sold	129,598	\$ 2,316,532
Shares issued to shareholders in reinvestment of distributions	405,153	7,059,652
Shares redeemed	(1,499,964)	(26,718,286)
Net increase (decrease)	(965,213)	\$(17,342,102)

Note 10—Recent Accounting Pronouncement

To improve the effectiveness of fair value disclosure requirements, the Financial Accounting Standards Board issued Accounting Standards Update 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 fair value measurement disclosure requirements. ASU 2018-13 is effective for interim and annual reporting periods beginning after December 15, 2019. The Manager evaluated the implications of certain provisions of ASU 2018-13 and determined to early adopt aspects related to the removal and modifications of certain fair value measurement disclosures, which are currently in place as of October 31, 2020. The Manager is evaluating the implications of certain other provisions of ASU 2018-13 related to new disclosure requirements and has not yet determined the impact of those provisions on the financial statement disclosures, if any.

In March 2020, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update 2020-04 (“ASU 2020-04”), which provides optional guidance to ease the potential accounting burden associated with transitioning away from LIBOR and other reference rates that are expected to be discontinued. ASU 2020-04 is effective immediately upon release of the update on March 12, 2020, through December 31, 2022. At this time, the Manager is evaluating the implications of certain other provisions of ASU 2020-04 related to new disclosure requirements and any impact on the financial statement disclosures has not yet been determined.

Note 11—Other Matters

An outbreak of COVID-19, first detected in December 2019, has developed into a global pandemic and has resulted in travel restrictions, closure of international borders, certain businesses and securities markets, restrictions on securities trading activities, prolonged quarantines, supply chain disruptions, and lower consumer demand, as well as general concern and uncertainty. The continued impact of COVID-19 is uncertain and could further adversely affect the global economy, national economies, individual issuers and capital markets in unforeseeable ways and result in a substantial and extended economic downturn. Developments that disrupt global economies and financial markets, such as COVID-19, may magnify factors that affect the Fund's performance.

Note 12—Subsequent Events

In connection with the preparation of the financial statements of the Fund as of and for the year ended October 31, 2020, events and transactions subsequent to October 31, 2020, through the date the financial statements were issued have been evaluated by the Manager, for possible adjustment and/or disclosure. No subsequent events requiring financial statement adjustment or disclosure have been identified other than the following:

Effective at the close of business on November 20, 2020, all services provided by State Street were transitioned to JPMorgan Chase Bank, N.A.

Report of Independent Registered Public Accounting Firm

To the Shareholders of the Fund and Board of Trustees
MainStay Funds Trust:

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities of MainStay Epoch Global Equity Yield Fund (the Fund), one of the funds constituting MainStay Funds Trust, including the portfolio of investments, as of October 31, 2020, the related statement of operations for the year then ended, the statements of changes in net assets for each of the years in the two-year period then ended, and the related notes (collectively, the financial statements) and the financial highlights for each of the years or periods in the five-year period then ended. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of the Fund as of October 31, 2020, the results of its operations for the year then ended, the changes in its net assets for each of the years in the two-year period then ended, and the financial highlights for each of the years or periods in the five-year period then ended, in conformity with U.S. generally accepted accounting principles.

Basis for Opinion

These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on these financial statements and financial highlights 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 Fund 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 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 and financial highlights 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 and financial highlights, 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 and financial highlights. Such procedures also included confirmation of securities owned as of October 31, 2020, by correspondence with the custodian, the transfer agent, and brokers or by other appropriate auditing procedures when replies from brokers were not received. 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 and financial highlights. We believe that our audits provide a reasonable basis for our opinion.

KPMG LLP

We have served as the auditor of one or more New York Life Investment Management investment companies since 2003.

Philadelphia, Pennsylvania
December 23, 2020

Federal Income Tax Information (Unaudited)

The Fund is required under the Internal Revenue Code to advise shareholders in a written statement as to the federal tax status of dividends paid by the Fund during such fiscal years. Accordingly, the Fund paid \$35,486,141 as long term capital gain distributions.

For the fiscal year ended October 31, 2020, the Fund designated approximately \$46,400,441 under the Internal Revenue Code as qualified dividend income eligible for reduced tax rates.

The dividends paid by the Fund during the fiscal year ended October 31, 2020 should be multiplied by 62.61% to arrive at the amount eligible for the corporate dividend-received deduction.

In February 2021, shareholders will receive an IRS Form 1099-DIV or substitute Form 1099, which will show the federal tax status of the distributions received by shareholders in calendar year 2020. The amounts that will be reported on such 1099-DIV or substitute Form 1099 will be the amounts you are to use on your federal income tax return and will differ from the amounts reported for the Fund's fiscal year ended October 31, 2020.

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 Fund's securities is available free of charge upon request, by visiting the MainStay Funds' website at newyorklifeinvestments.com or visiting the SEC's website at www.sec.gov.

The Fund is required to file with the SEC its proxy voting records for the 12-month period ending June 30 on Form N-PX. The most recent Form N-PX or proxy voting record is available free of charge upon request by calling 800-624-6782; visiting the MainStay Funds' website at newyorklifeinvestments.com; or visiting the SEC's website at www.sec.gov.

Shareholder Reports and Quarterly Portfolio Disclosure

The Fund 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 Fund's holdings report is available free of charge by visiting the SEC's website at www.sec.gov or upon request by calling New York Life Investments at 800-624-6782.

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 Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Interested Trustee	Yie-Hsin Hung* 1962	MainStay Funds: Trustee since 2017 MainStay 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 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.	78	<i>MainStay VP Funds Trust:</i> Trustee since 2017 (31 portfolios); and <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since 2017.

* This Trustee is considered to be an "interested person" of the MainStay Group of Funds, MainStay VP Funds Trust and MainStay MacKay DefinedTerm Municipal Opportunities Fund, 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., IndexIQ Advisors LLC, 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."

Independent Trustees

Name and Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
David H. Chow 1957	MainStay Funds: Trustee since 2016, Advisory Board Member (June 2015 to December 2015); MainStay Funds Trust: Trustee since 2016, Advisory Board Member (June 2015 to December 2015).	Founder and CEO, DanCourt Management, LLC since 1999	78	<i>MainStay VP Funds Trust:</i> Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (31 portfolios); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since 2016, Advisory Board Member (June 2015 to December 2015); <i>Market Vectors Group of Exchange-Traded Funds:</i> Independent Chairman of the Board of Trustees since 2008 and Trustee since 2006 (56 portfolios); and <i>Berea College of Kentucky:</i> Trustee since 2009, Chair of the Investment Committee since 2018.
Susan B. Kerley 1951	MainStay Funds: Chairman since 2017 and Trustee since 2007; MainStay Funds Trust: Chairman since 2017 and Trustee since 1990.**	President, Strategic Management Advisors LLC since 1990	78	<i>MainStay VP Funds Trust:</i> Chairman since 2017 and Trustee since 2007 (31 portfolios)***; <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Chairman since 2017 and Trustee since 2011; and <i>Legg Mason Partners Funds:</i> Trustee since 1991 (45 portfolios).
Alan R. Latshaw 1951	MainStay Funds: Trustee; MainStay Funds Trust: Trustee and Audit Committee Financial Expert 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)	78	<i>MainStay VP Funds Trust:</i> Trustee and Audit Committee Financial Expert since 2007 (31 portfolios)***; <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee and Audit Committee Financial Expert since 2011; and <i>State Farm Associates Funds Trusts:</i> Trustee since 2005 (4 portfolios).
Richard H. Nolan, Jr. 1946	MainStay Funds: Trustee since 2007; MainStay Funds Trust: Trustee since 2007.**	Managing Director, ICC Capital Management since 2004; President—Shields/Alliance, Alliance Capital Management (1994 to 2004)	78	<i>MainStay VP Funds Trust:</i> Trustee since 2006 (31 portfolios)***; and <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since 2011.
Jacques P. Perold 1958	MainStay Funds: Trustee since 2016, Advisory Board Member (June 2015 to December 2015); MainStay Funds Trust: Trustee since 2016, Advisory Board Member (June 2015 to December 2015).	Founder and Chief Executive Officer, CapShift LLC since 2018; President, Fidelity Management & Research Company (2009 to 2014); Founder, President and Chief Executive Officer, Geode Capital Management, LLC (2001 to 2009)	78	<i>MainStay VP Funds Trust:</i> Trustee since 2016, Advisory Board Member (June 2015 to December 2015) (31 portfolios); <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> Trustee since 2016, Advisory Board Member (June 2015 to December 2015); <i>Partners in Health:</i> Trustee since 2019; <i>Allstate Corporation:</i> Director since 2015; <i>MSCI, Inc.:</i> and Director since 2017.

Board of Trustees and Officers (Unaudited) (continued)

	Name and Year of Birth	Term of Office, Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years	Number of Portfolios in Fund Complex Overseen by Trustee	Other Directorships Held by Trustee
Independent Trustees	Richard S. Trutanic 1952	MainStay Funds: Trustee since 1994; MainStay 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)	78	<i>MainStay VP Funds Trust:</i> Trustee since 2007 (31 portfolios)***; and <i>MainStay MacKay DefinedTerm Municipal Opportunities Fund:</i> 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 Year of Birth	Position(s) Held and Length of Service	Principal Occupation(s) During Past Five Years
Kirk C. Lehneis 1974	President, MainStay Funds, MainStay Funds Trust since 2017	Chief Operating Officer and Senior Managing Director since 2016, New York Life Investment Management LLC and New York Life Investment Management Holdings LLC; Member of the Board of Managers since 2017 and Senior Managing Director since 2018, NYLIFE Distributors LLC; Chairman of the Board and Senior Managing Director, NYLIM Service Company LLC since 2017; Trustee, President and Principal Executive Officer of IndexIQ Trust, IndexIQ ETF Trust and IndexIQ Active ETF Trust since 2018; President, MainStay MacKay DefinedTerm Municipal Opportunities Fund and MainStay VP Funds Trust since 2017**; Senior Managing Director, Global Product Development (2015 to 2016); Managing Director, Product Development (2010 to 2015), New York Life Investment Management LLC
Jack R. Benintende 1964	Treasurer and Principal Financial and Accounting Officer, MainStay Funds since 2007, MainStay Funds Trust since 2009	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 and MainStay VP Funds Trust since 2007**; and Assistant Treasurer, New York Life Investment Management Holdings LLC (2008 to 2012)
Yi-Chia Kuo 1981	Vice President and Chief Compliance Officer, MainStay Funds and MainStay Funds Trust since January 2020	Chief Compliance Officer, Index IQ Trust, Index IQ ETF Trust and Index IQ Active ETF Trust since January 2020; Vice President and Chief Compliance Officer, MainStay MacKay DefinedTerm Municipal Opportunities Fund and MainStay VP Funds Trust since January 2020; Director and Associate General Counsel, New York Life Insurance Company (2015 to 2019)
J. Kevin Gao 1967	Secretary and Chief Legal Officer, MainStay Funds and MainStay 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 and MainStay VP Funds Trust since 2010**
Scott T. Harrington 1959	Vice President—Administration, MainStay Funds since 2005, MainStay Funds Trust since 2009	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 and MainStay VP Funds Trust 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 DefinedTerm Municipal Opportunities Fund within the meaning of the 1940 Act because of their affiliation with the MainStay Group of Funds, New York Life Insurance Company and/or its affiliates, including New York Life Investment Management LLC, 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 Funds

Equity

U.S. Equity

MainStay Epoch U.S. All Cap Fund
MainStay Epoch U.S. Equity Yield Fund
MainStay MacKay Common Stock Fund
MainStay MacKay Growth Fund
MainStay MacKay S&P 500 Index Fund
MainStay MacKay Small Cap Core Fund
MainStay MacKay U.S. Equity Opportunities Fund
MainStay MAP Equity Fund
MainStay Winslow Large Cap Growth Fund¹

International Equity

MainStay Epoch International Choice Fund
MainStay MacKay International Equity Fund
MainStay MacKay International Opportunities Fund

Emerging Markets Equity

MainStay Candriam Emerging Markets Equity Fund

Global Equity

MainStay Epoch Capital Growth Fund
MainStay Epoch Global Equity Yield Fund

Fixed Income

Taxable Income

MainStay Candriam Emerging Markets Debt Fund
MainStay Floating Rate Fund
MainStay MacKay High Yield Corporate Bond Fund
MainStay MacKay Short Duration High Yield Fund
MainStay MacKay Total Return Bond Fund
MainStay MacKay Unconstrained Bond Fund
MainStay MacKay U.S. Infrastructure Bond Fund²
MainStay Short Term Bond Fund³

Tax-Exempt Income

MainStay MacKay California Tax Free Opportunities Fund⁴
MainStay MacKay High Yield Municipal Bond Fund
MainStay MacKay Intermediate Tax Free Bond Fund
MainStay MacKay New York Tax Free Opportunities Fund⁵
MainStay MacKay Short Term Municipal Fund
MainStay MacKay Tax Free Bond Fund

Money Market

MainStay Money Market Fund

Mixed Asset

MainStay Balanced Fund
MainStay Income Builder Fund
MainStay MacKay Convertible Fund

Speciality

MainStay CBRE Global Infrastructure Fund
MainStay CBRE Real Estate Fund
MainStay Cushing MLP Premier Fund

Asset Allocation

MainStay Conservative Allocation Fund
MainStay Conservative ETF Allocation Fund
MainStay Defensive ETF Allocation Fund
MainStay Equity Allocation Fund⁶
MainStay Equity ETF Allocation Fund
MainStay Growth Allocation Fund⁷
MainStay Growth ETF Allocation Fund
MainStay Moderate Allocation Fund
MainStay Moderate ETF Allocation Fund

Manager

New York Life Investment Management LLC

New York, New York

Subadvisors

Candriam Belgium S.A.⁸

Brussels, Belgium

Candriam Luxembourg S.C.A.⁸

Strassen, Luxembourg

CBRE Clarion Securities LLC

Radnor, Pennsylvania

Cushing Asset Management, LP

Dallas, Texas

Epoch Investment Partners, Inc.

New York, New York

MacKay Shields LLC⁸

New York, New York

Markston International LLC

White Plains, New York

NYL Investors LLC⁸

New York, New York

Winslow Capital Management, LLC

Minneapolis, Minnesota

Legal Counsel

Dechert LLP

Washington, District of Columbia

Independent Registered Public Accounting Firm

KPMG LLP

Philadelphia, Pennsylvania

Distributor

NYLIFE Distributors LLC⁸

Jersey City, New Jersey

Custodian⁹

State Street Bank and Trust Company

Boston, Massachusetts

1. Formerly known as MainStay Large Cap Growth Fund.

2. Formerly known as MainStay MacKay Infrastructure Bond Fund.

3. Formerly known as MainStay Indexed Bond Fund.

4. This Fund is registered for sale in AZ, CA, NV, OR, TX, UT and WA. Class A and Class I shares are registered for sale in MI. Class I and Class C2 shares are registered for sale in CO, FL, GA, HI, ID, MA, MD, NH, NJ and NY.

5. This Fund is registered for sale in CA, CT, DE, FL, MA, NJ, NY and VT.

6. Formerly known as MainStay Growth Allocation Fund.

7. Formerly known as MainStay Moderate Growth Allocation Fund.

8. An affiliate of New York Life Investment Management LLC.

9. JPMorgan Chase Bank, N.A., New York, New York is the custodian for the MainStay ETF Asset Allocation Funds and effective at the close of business on November 20, 2020, became the custodian for other MainStay Funds. The custodian for MainStay Cushing MLP Premier Fund is U.S. Bank National Association, Milwaukee, Wisconsin.

For more information

800-624-6782

newyorklifeinvestments.com

“New York Life Investments” is both a service mark, and the common trade name, of certain investment advisors affiliated with New York Life Insurance Company. The MainStay Funds® are managed by New York Life Investment Management LLC and distributed by NYLIFE Distributors LLC, 30 Hudson Street, Jersey City, NJ 07302, a wholly owned subsidiary of New York Life Insurance Company. NYLIFE Distributors LLC is a Member FINRA/SIPC.

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