



## MainStay VP Winslow Large Cap Growth Portfolio

To Statutory Prospectus

To Statement of Additional Information

Before you invest, you may want to review the Portfolio's Prospectus, which contains more information about the Portfolio and its risks. You can find the Portfolio's Prospectus, reports to shareholders and other information about the Portfolio by going online to [newyorklifeinvestments.com](http://newyorklifeinvestments.com), by calling 800-598-2019 or by sending an e-mail to [MainStayShareholderServices@nylim.com](mailto:MainStayShareholderServices@nylim.com). The Portfolio's Prospectus and Statement of Additional Information, both dated May 1, 2021, as may be amended from time to time, are incorporated by reference into this Summary Prospectus.

### Investment Objective

The Portfolio seeks long-term growth of capital.

### Fees and Expenses of the Portfolio

The table below describes the fees and expenses that you may pay if you buy, hold and sell shares of the Portfolio. The table does not include any separate account or policy fees or charges imposed under the variable annuity policies and variable universal life insurance policies for which the Portfolio is an investment option. If they were included, your costs would be higher. Investors should consult the applicable variable annuity policy or variable universal life insurance policy prospectus for more information.

	Initial Class	Service Class
<b>Annual Portfolio Operating Expenses</b> (fees paid directly from your investment)		
Management Fees (as an annual percentage of the Portfolio's average daily net assets) <sup>1</sup>	0.72%	0.72%
Distribution and Service (12b-1) Fees	None	0.25%
Other Expenses	0.03%	0.03%
<b>Total Annual Portfolio Operating Expenses</b>	<b>0.75%</b>	<b>1.00%</b>

1. The management fee is as follows: 0.75% on assets up to \$500 million; 0.725% on assets from \$500 million to \$750 million; 0.71% on assets from \$750 million to \$1 billion; 0.70% on assets from \$1 billion to \$2 billion; 0.66% on assets from \$2 billion to \$3 billion; 0.61% on assets from \$3 billion to \$7 billion; 0.585% on assets from \$7 billion to \$9 billion; and 0.575% on assets over \$9 billion.

### Example

The Example is intended to help you compare the cost of investing in the Portfolio with the cost of investing in other mutual funds. The Example does not include any separate account or policy fees or charges imposed under the variable annuity policies and variable universal life insurance policies for which the Portfolio is an investment option. If they were included, your costs would be higher. The Example assumes that you invest \$10,000 in the Portfolio for the time periods indicated whether or not you redeem all of your shares at the end of those periods. The Example also assumes that your investment has a 5% return each year and that the Portfolio's operating expenses remain the same. The Example reflects the contractual fee waiver and/or expense reimbursement arrangement, if applicable, for the current duration of the arrangement only. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	1 Year	3 Years	5 Years	10 Years
Initial Class	\$ 77	\$ 240	\$ 417	\$ 930
Service Class	\$ 102	\$ 318	\$ 552	\$ 1,225

### Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs. These costs, which are not reflected in annual Portfolio operating expenses or in the Example, affect the Portfolio's performance. During the most recent fiscal year, the Portfolio's portfolio turnover rate was 54% of the average value of its portfolio.

### Principal Investment Strategies

Under normal circumstances, the Portfolio invests at least 80% of its assets (net assets plus any borrowings for investment purposes) in large capitalization companies, which are companies having a market capitalization in excess of \$4 billion at the time of purchase. Typically, Winslow Capital Management, LLC, the Portfolio's Subadvisor, invests substantially all of the Portfolio's investable assets in domestic securities. However, the Portfolio is permitted to invest up to 20% of its net assets in foreign securities. Generally, an issuer of a security is considered to be U.S. or foreign based on the issuer's "country of risk," as determined by a third-party service provider such as Bloomberg.

**Investment Process:** The Portfolio invests in those companies that the Subadvisor believes will provide an opportunity for achieving superior portfolio returns (i.e., returns in excess of the returns of the average stock mutual fund) over the long term. The Subadvisor seeks to invest in companies that have the potential for above-average future earnings and cash flow growth with management focused on shareholder value.

When purchasing stocks for the Portfolio, the Subadvisor looks for companies typically having some or all of the following attributes: addressing markets with growth opportunities; leads or gains in market share; identifiable and sustainable competitive advantages; managed by a team that can perpetuate the firm's competitive advantages; high, and preferably rising, returns on invested capital; deploys excess cash flow to enhance shareholder return; and demonstrates sound corporate governance. As part of its qualitative assessment of each potential investment, the Subadvisor evaluates the company's non-financial performance among certain environmental, social and governance ("ESG") factors. The Subadvisor then determines which ESG factors may be material to a company's future financial performance. This involves an evaluation of how the company integrates particular ESG risks and opportunities into its corporate strategy through, for example, improving governance practices, aligning management team incentives and increasing transparency into its ESG practices. The Subadvisor may give consideration to ESG factors including, but not limited to, impact on or from climate change, natural resource use, waste management practices, human capital management, product safety, supply chain management, corporate governance, business ethics and advocacy for governmental policy.

ESG factors are evaluated by the Subadvisor based on data provided by independent ESG research vendors. The evaluation of ESG factors is integrated as one of several aspects of the Subadvisor's investment process and the Subadvisor does not forgo potential investments strictly based on the evaluation of ESG factors.

The Subadvisor takes a "bottom-up" investment approach when selecting investments. This means it bases investment decisions on company specific factors, not general economic conditions.

Under normal market conditions, the Subadvisor employs a sell discipline pursuant to which it may sell some or all of its position in a stock when a stock becomes fully valued, the fundamental business prospects are deteriorating, or the position exceeds limits set by the Subadvisor.

## Principal Risks

You can lose money by investing in the Portfolio. An investment in the Portfolio is not a bank deposit and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency. The investments selected by the Subadvisor may underperform the market in which the Portfolio invests or other investments. The Portfolio may receive large purchase or redemption orders which may have adverse effects on performance if the Portfolio were required to sell securities, invest cash or hold a relatively large amount of cash at times when it would not otherwise do so.

The principal risks of investing in the Portfolio are summarized below.

**Market Risk:** The value of the Portfolio's investments may fluctuate because of changes in the markets in which the Portfolio invests, which could cause the Portfolio to underperform other funds with similar investment objectives and strategies. Such changes may be rapid and unpredictable. From time to time, markets may experience periods of stress for potentially prolonged periods that may result in: (i) increased market volatility; (ii) reduced market liquidity; and (iii) increased redemptions of Portfolio shares. Such conditions may add significantly to the risk of volatility in the net asset value of the Portfolio's shares.

**Portfolio Management Risk:** The investment strategies, practices and risk analyses used by the Subadvisor may not produce the desired results. The Subadvisor may give consideration to certain ESG criteria when evaluating an investment opportunity. The application of ESG criteria may result in the Portfolio (i) having exposure to certain securities or industry sectors that are significantly different than the composition of the Portfolio's benchmark; and (ii) performing differently than other funds and strategies in its peer group that do not take into account ESG criteria or the Portfolio's benchmark.

**Equity Securities Risk:** Investments in common stocks and other equity securities are particularly subject to the risk of changing economic, stock market, industry and company conditions and the risks inherent in the portfolio managers' ability to anticipate such changes that can adversely affect the value of the Portfolio's holdings.

**Market Capitalization Risk:** To the extent the Portfolio invests in securities issued by small-, mid-, or large-cap companies, the Portfolio will be subject to the risks associated with securities issued by companies of the applicable market capitalization. Securities of small-cap and mid-cap companies may be subject to greater price volatility, significantly lower trading volumes, cyclical, static or moderate growth prospects and greater spreads between their bid and ask prices than securities of larger companies. Smaller capitalization companies frequently rely on narrower product lines and niche markets and may be more vulnerable to adverse business or market developments. Securities issued by larger companies may have less growth potential and may not be able to attain the high growth rates of successful smaller companies, especially during strong economic periods. In addition, larger companies may be less capable of responding quickly to competitive challenges and industry changes, including those resulting from improvements in technology, and may suffer sharper price declines as a result of earnings disappointments. There is a risk that the securities issued by companies of a certain market capitalization may underperform the broader market at any given time.

**Growth Stock Risk:** If growth companies do not increase their earnings at a rate expected by investors, the market price of the stock may decline significantly, even if earnings show an absolute increase. Growth company stocks also typically lack the dividend yield that can cushion stock prices in market downturns.

**Foreign Securities Risk:** Investments in foreign (non-U.S.) securities may be riskier than investments in U.S. securities. Foreign regulatory regimes and securities markets can have less stringent investor protections and disclosure standards and less liquid trading markets than U.S. regulatory regimes and securities markets, and can experience political, social and economic developments that may affect the value of the Portfolio's investments in foreign securities. Foreign securities may also subject the Portfolio's investments to changes in currency rates. Changes in the value of foreign currencies may make the return on an investment increase or decrease, unrelated to the quality or performance of the investment itself. These risks may be greater with respect to securities of companies that conduct their business activities in emerging markets or whose securities are traded principally in emerging markets.

## Past Performance

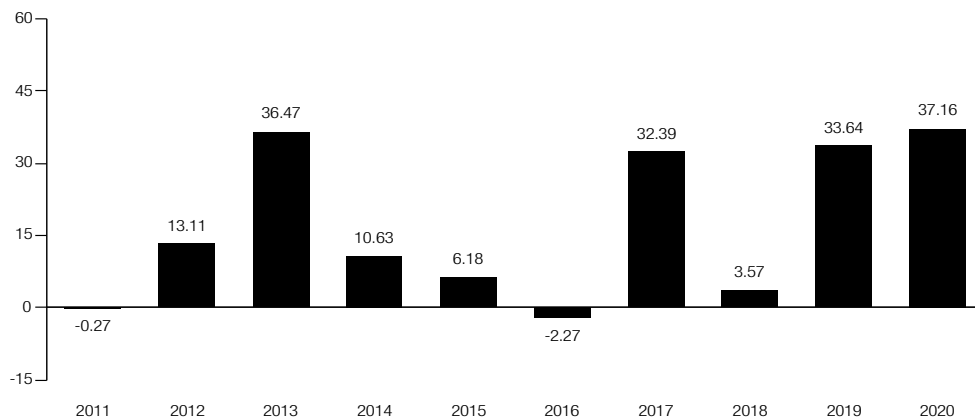
The following bar chart and table indicate some of the risks of investing in the Portfolio. The bar chart shows you how the Portfolio's calendar year performance has varied over time. The average annual total returns table shows how the Portfolio's average annual total returns compare to those of two broad-based securities market indices. Separate variable annuity and variable universal life insurance account and policy fees and charges are not reflected in the bar chart and table. If they were, returns would be less than those shown. The Portfolio has selected the Russell 1000® Growth Index as its primary

benchmark. The Russell 1000® Growth Index measures the performance of the large-cap growth segment of the U.S. equity universe. It includes those Russell 1000® Index companies with higher price-to-book ratios and higher forecasted growth values. The Portfolio has selected the Standard & Poor's 500® Index ("S&P 500® Index") as its secondary benchmark. The S&P 500® Index is widely regarded as the standard index for measuring large-cap U.S. stock market performance.

Performance data for the classes varies based on differences in their fee and expense structures. Past performance is not necessarily an indication of how the Portfolio will perform in the future.

### Annual Returns, Initial Class Shares

(by calendar year 2011-2020)



#### Best Quarter

Q2/2020	28.26%
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#### Worst Quarter

Q4/2018	-15.92%
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### Average Annual Total Returns (for the periods ended December 31, 2020)

	Inception	1 Year	5 Years	10 Years
Initial Class	5/1/1998	37.16%	19.69%	16.08%
Service Class	6/6/2003	36.81%	19.39%	15.79%
Russell 1000® Growth Index (reflects no deductions for fees, expenses, or taxes)		38.49%	21.00%	17.21%
S&P 500® Index (reflects no deductions for fees, expenses, or taxes)		18.40%	15.22%	13.88%

### Management

New York Life Investment Management LLC serves as the Portfolio's Manager. Winslow Capital Management, LLC serves as the Subadvisor. The individuals listed below are jointly and primarily responsible for the day-to-day portfolio management of the Portfolio.

Subadvisor	Portfolio Managers	Portfolio Service Date
Winslow Capital Management, LLC	Justin H. Kelly, Chief Executive Officer & Chief Investment Officer Patrick M. Burton, Senior Managing Director	Since 2005 Since 2013

### How to Purchase and Sell Shares

Shares of the Portfolio are currently offered to certain separate accounts to fund variable annuity policies and variable universal life insurance policies issued by New York Life Insurance and Annuity Corporation ("NYLIAC") and may also be offered to fund variable annuity policies and variable universal life insurance policies issued by other insurance companies. Shares of the Portfolio are also offered as underlying investments of the MainStay VP Asset Allocation Portfolios ("Asset Allocation Portfolios") and other variable insurance funds.

Individual investors do not transact directly with the Portfolio to purchase and redeem shares. Rather, investors select underlying investment options offered by the applicable policy. Please refer to the prospectus for the variable annuity policy or variable universal life insurance policy that offers the Portfolio as an underlying investment option for information on the allocation of premium payments and on transfers among the investment divisions of the separate account.

### Tax Information

Because the Portfolio's shareholders are the separate accounts of NYLIAC or other insurance companies through which you purchased your variable annuity policy or variable universal life insurance policy and the Asset Allocation Portfolios and other variable insurance funds, no discussion is included here as to the federal income tax consequences at the shareholder level. For information concerning the federal income tax consequences to variable annuity and variable universal life insurance policy owners, consult the prospectus relating to the appropriate policy.

## **Compensation to Broker/Dealers and Other Financial Intermediaries**

The Portfolio and/or its related companies may pay NYLIAC or other participating insurance companies, broker/dealers, or other financial intermediaries for the sale of Portfolio shares and related services. These payments may create a conflict of interest by influencing the broker/dealer or other financial intermediary or your sales person to recommend the Portfolio over another investment and/or a policy that offers this Portfolio over another investment. Ask your individual salesperson or visit your broker/dealer's or other financial intermediary firm's website for more information. For additional information about these payments, please see the section entitled "The Fund and its Management" in the Prospectus.

"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.

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