

**Invesco V.I. Main Street Mid Cap Fund[®]**

(Prior to April 30, 2021, the Fund was known as Invesco V.I. Mid Cap Core Equity Fund.)

Series I shares and Series II shares

Before you invest, you may want to review the Fund's prospectus, which contains more information about the Fund and its risks. You can find the Fund's prospectus, reports to shareholders, and other information about the Fund online at www.invesco.com/prospectus. You can also get this information at no cost by calling (800) 959-4246 or by sending an e-mail request to ProspectusRequest@invesco.com. The Fund's prospectus and statement of additional information, both dated April 30, 2021 (as each may be amended or supplemented), are incorporated by reference into this Summary Prospectus and may be obtained, free of charge, at the website, phone number or e-mail address noted above.

Investment Objective(s)

The Fund's investment objective is long-term growth of capital.

Fees and Expenses of the Fund

This table describes the fees and expenses that are incurred, directly or indirectly, when a variable product owner buys, holds, or redeems interest in an insurance company separate account that invests in the Series I shares or Series II shares of the Fund but does not represent the effect of any fees or other expenses assessed in connection with your variable product, and if it did, expenses would be higher.

Shareholder Fees (fees paid directly from your investment)

| | Series I shares | Series II shares |
|---|-----------------|------------------|
| Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price) | None | None |
| Maximum Deferred Sales Charge (Load) (as a percentage of original purchase price or redemption proceeds, whichever is less) | None | None |

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

| | Series I shares | Series II shares |
|--|-----------------|------------------|
| Management Fees | 0.73% | 0.73% |
| Distribution and/or Service (12b-1) Fees | None | 0.25 |
| Other Expenses | 0.21 | 0.21 |
| Total Annual Fund Operating Expenses | 0.94 | 1.19 |

Example. This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

This Example does not represent the effect of any fees or expenses assessed in connection with your variable product, and if it did, expenses would be higher.

The Example assumes that you invest \$10,000 in the Fund for the time periods indicated and then 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 Fund's operating expenses remain the same.

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 |
|------------------|--------|---------|---------|----------|
| Series I shares | \$ 96 | \$300 | \$520 | \$1,155 |
| Series II shares | \$121 | \$378 | \$654 | \$1,443 |

Portfolio Turnover. The Fund 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 fund operating expenses or in the Example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 75% of the average value of its portfolio.

Principal Investment Strategies of the Fund

The Fund invests, under normal circumstances, at least 80% of its net assets (plus any borrowings for investment purposes) in equity securities of mid-capitalization companies and in derivatives and other instruments that have economic characteristics similar to such securities. The principal type of equity security in which the Fund invests is common stock.

The Fund considers an issuer to be a mid-capitalization issuer if it has a market capitalization, at the time of purchase, within the range of the largest and smallest capitalized issuers included in the Russell Midcap[®] Index during the most recent 11-month period (based on month-end data) plus the most recent data during the current month.

The Fund may invest up to 25% of its net assets in securities of foreign issuers, which may include securities of issuers located in emerging markets countries, i.e., those that are generally in the early stages of their industrial cycles.

The Fund can invest in derivative instruments, including forward foreign currency contracts and futures contracts.

The Fund can use forward foreign currency contracts to hedge against adverse movements in the foreign currencies in which portfolio securities are denominated.

The Fund can use futures contracts, including index futures, to gain exposure to the broad market by equitizing cash and as a hedge against downside risk.

In selecting securities for the Fund, the portfolio managers conduct fundamental research of issuers to gain a thorough understanding of their business prospects, appreciation potential and return on invested capital (ROIC). The process they use to identify potential investments for the Fund includes three phases: financial analysis, business analysis and valuation

analysis. Financial analysis evaluates an issuer's capital allocation, and provides vital insight into historical and potential ROIC, which is a key indicator of business quality and caliber of management. Business analysis allows the portfolio managers to determine an issuer's competitive positioning by identifying key drivers of the issuer, understanding industry challenges and evaluating the sustainability of competitive advantages. Both the financial and business analyses serve as a basis to construct valuation models that help estimate an issuer's value. The portfolio managers use three primary valuation techniques: discounted cash flow, traditional valuation multiples and net asset value. At the conclusion of their research process, the portfolio managers will generally invest in an issuer when they have determined it potentially has high or improving ROIC, quality management with a long-term perspective, a strong competitive position and is trading at an attractive valuation.

The Fund primarily invests in common stock but may also invest in other types of securities, such as real estate investment trusts ("REITs"), units of master limited partnerships or other securities that are consistent with its investment objective.

The portfolio managers consider selling a security when it exceeds the target price, has not shown a demonstrable improvement in fundamentals, or a more compelling investment opportunity exists.

Principal Risks of Investing in the Fund

As with any mutual fund investment, loss of money is a risk of investing. An investment in the Fund is not a deposit in a bank and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other governmental agency. The risks associated with an investment in the Fund can increase during times of significant market volatility. The principal risks of investing in the Fund are:

Market Risk. The market values of the Fund's investments, and therefore the value of the Fund's shares, will go up and down, sometimes rapidly or unpredictably. Market risk may affect a single issuer, industry or section of the economy, or it may affect the market as a whole. The value of the Fund's investments may go up or down due to general market conditions which are not specifically related to the particular issuer, such as real or perceived adverse economic conditions, changes in the general outlook for revenues or corporate earnings, changes in interest or currency rates, regional or global instability, natural or environmental disasters, widespread disease or other public health issues, war, acts of terrorism or adverse investor sentiment generally. During a general downturn in the financial markets, multiple asset classes may decline in value. When markets perform well, there can be no assurance that specific investments held by the Fund will rise in value.

Investing in Stocks Risk. The value of the Fund's portfolio may be affected by changes in the stock markets. Stock markets may experience significant short-term volatility and may fall or rise sharply at times. Adverse events in any part of the equity or fixed-income markets may have unexpected negative effects on other market segments. Different stock markets may behave differently from each other and U.S. stock markets may move in the opposite direction from one or more foreign stock markets.

The prices of individual stocks generally do not all move in the same direction at the same time. However, individual stock prices tend to go up and down more dramatically than those of certain other types of investments, such as bonds. A variety of factors can negatively affect the price of a particular company's stock. These factors may include, but are not limited to: poor earnings reports, a loss of customers, litigation against the company, general unfavorable performance of the company's sector or industry, or changes in government regulations affecting the company or its industry. To the extent that securities of a particular type are emphasized (for example foreign stocks, stocks of small- or mid-cap companies, growth or value stocks, or stocks of companies in a particular industry), fund share values may fluctuate more in response to events affecting the market for those types of securities.

Mid-Capitalization Companies Risk. Mid-capitalization companies tend to be more vulnerable to changing market conditions and may have more limited product lines and markets, less experienced management and fewer financial resources than larger companies. These companies' securities may be more volatile and less liquid than those of more established companies, and their returns may vary, sometimes significantly, from the overall securities market.

Industry and Sector Focus. The Fund may from time to time have a significant amount of its assets invested in a particular industry or sector. The prices of stocks of issuers in a particular industry or sector may go up and down in response to changes in economic conditions, government regulations, availability of basic resources or supplies, or other events that affect that industry or sector more than others. To the extent that the Fund has a significant amount of its assets invested in a particular industry or sector, its share values may fluctuate in response to events affecting that industry or sector. To some extent that risk may be limited by the Fund's policy of not concentrating its investments in any one industry.

Foreign Securities Risk. The Fund's foreign investments may be adversely affected by political and social instability, changes in economic or taxation policies, difficulty in enforcing obligations, decreased liquidity or increased volatility. Foreign investments also involve the risk of the possible seizure, nationalization or expropriation of the issuer or foreign deposits (in which the Fund could lose its entire investments in a certain market) and the possible adoption of foreign governmental restrictions such as exchange controls. Unless the Fund has hedged its foreign securities risk, foreign securities risk also involves the risk of negative foreign currency rate fluctuations, which may cause the value of securities denominated in such foreign currency (or other instruments through which the Fund has exposure to foreign currencies) to decline in value. Currency exchange rates may fluctuate significantly over short periods of time. Currency hedging strategies, if used, are not always successful. For instance, currency forward contracts, if used by the Fund, could reduce performance if there are unanticipated changes in currency exchange rates.

Emerging Markets Securities Risk. Emerging markets (also referred to as developing markets) are generally subject to greater market volatility, political, social and economic instability, uncertain trading markets and more governmental limitations on foreign investment than more developed markets. In addition, companies operating in emerging markets may be subject to lower trading volume and greater price fluctuations than companies in more developed markets. Such countries' economies may be more dependent on relatively few industries or investors that may be highly vulnerable to local and global changes. Companies in emerging market countries generally may be subject to less stringent regulatory, disclosure, financial reporting, accounting, auditing and recordkeeping standards than companies in more developed countries. As a result, information, including financial information, about such companies may be less available and reliable which can impede the Fund's ability to evaluate such companies. Securities law and the enforcement of systems of taxation in many emerging market countries may change quickly and unpredictably, and the ability to bring and enforce actions (including bankruptcy, confiscatory taxation, expropriation, nationalization of a company's assets, restrictions on foreign ownership of local companies, restrictions on withdrawing assets from the country, protectionist measures and practices such as share blocking), or to obtain information needed to pursue or enforce such actions, may be limited. In addition, the ability of foreign entities to participate in privatization programs of certain developing or emerging market countries may be limited by local law. Investments in emerging markets securities may be subject to additional transaction costs, delays in settlement procedures, unexpected market closures, and lack of timely information.

REIT Risk/Real Estate Risk. Investments in real estate related instruments may be adversely affected by economic, legal, cultural, environmental or technological factors that affect property values, rents or occupancies. Shares of real estate related companies, which tend to be

small- and mid-cap companies, may be more volatile and less liquid than larger companies. If a real estate related company defaults on certain types of debt obligations held by the Fund, the Fund may acquire real estate directly, which involves additional risks such as environmental liabilities; difficulty in valuing and selling the real estate; and economic or regulatory changes.

Master Limited Partnership (MLP) Risk. An MLP is a public limited partnership or limited liability company taxed as a partnership under the Code. Although the characteristics of MLPs closely resemble a traditional limited partnership, a major difference is that MLPs may trade on a public exchange or in the over-the-counter market. The risks of investing in an MLP are similar to those of investing in a partnership, including more flexible governance structures, which could result in less protection for investors than investments in a corporation. Investors in an MLP normally would not be liable for the debts of the MLP beyond the amount that the investor has contributed but investors may not be shielded to the same extent that a shareholder of a corporation would be. In certain circumstances, creditors of an MLP would have the right to seek return of capital distributed to a limited partner, which right would continue after an investor sold its investment in the MLP. In addition, MLP distributions may be reduced by fees and other expenses incurred by the MLP.

Derivatives Risk. The value of a derivative instrument depends largely on (and is derived from) the value of an underlying security, currency, commodity, interest rate, index or other asset (each referred to as an underlying asset). In addition to risks relating to the underlying assets, the use of derivatives may include other, possibly greater, risks, including counterparty, leverage and liquidity risks. Counterparty risk is the risk that the counterparty to the derivative contract will default on its obligation to pay the Fund the amount owed or otherwise perform under the derivative contract. Derivatives create leverage risk because they do not require payment up front equal to the economic exposure created by holding a position in the derivative. As a result, an adverse change in the value of the underlying asset could result in the Fund sustaining a loss that is substantially greater than the amount invested in the derivative or the anticipated value of the underlying asset, which may make the Fund's returns more volatile and increase the risk of loss. Derivative instruments may also be less liquid than more traditional investments and the Fund may be unable to sell or close out its derivative positions at a desirable time or price. This risk may be more acute under adverse market conditions, during which the Fund may be most in need of liquidating its derivative positions. Derivatives may also be harder to value, less tax efficient and subject to changing government regulation that could impact the Fund's ability to use certain derivatives or their cost. Derivatives strategies may not always be successful. For example, derivatives used for hedging or to gain or limit exposure to a particular market segment may not provide the expected benefits, particularly during adverse market conditions.

Management Risk. The Fund is actively managed and depends heavily on the Adviser's judgment about markets, interest rates or the attractiveness, relative values, liquidity, or potential appreciation of particular investments made for the Fund's portfolio. The Fund could experience losses if these judgments prove to be incorrect. Additionally, legislative, regulatory, or tax developments may adversely affect management of the Fund and, therefore, the ability of the Fund to achieve its investment objective.

Performance Information

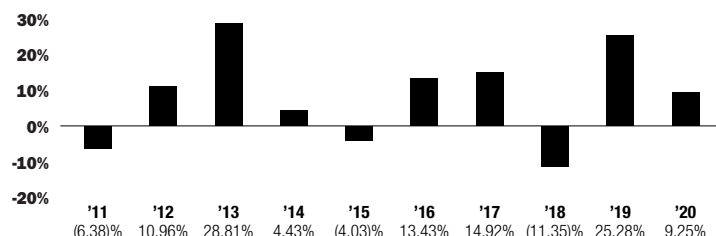
The bar chart and performance table provide an indication of the risks of investing in the Fund. The bar chart shows changes in the performance of the Series I shares of the Fund from year to year as of December 31. The performance table compares the Fund's performance to that of a broad-based securities market benchmark, a style-specific benchmark and a peer group benchmark comprised of funds with investment objectives and strategies similar to those of the Fund (in that order). The bar chart and performance table below do not reflect charges assessed in connection with

your variable product; if they did, the performance shown would be lower. The Fund's past performance is not necessarily an indication of its future performance.

All performance shown assumes the reinvestment of dividends and capital gains and the effect of the Fund's expenses.

The Series I shares and Series II shares invest in the same portfolio of securities and will have substantially similar performance, except to the extent that the expenses borne by each share class differ. Series II shares have higher expenses (and therefore lower performance) resulting from its Rule 12b-1 plan, which provides for a maximum fee equal to an annual rate of 0.25% (expressed as a percentage of average daily net assets of the Fund).

Annual Total Returns



| | Period Ending | Returns |
|---------------|----------------|---------|
| Best Quarter | June 30, 2020 | 22.40% |
| Worst Quarter | March 31, 2020 | -27.42% |

Average Annual Total Returns (for the periods ended December 31, 2020)

| | Inception Date | 1 Year | 5 Years | 10 Years |
|---|----------------|--------|---------|----------|
| Series I | 9/10/2001 | 9.25% | 9.60% | 7.81% |
| Series II | 9/10/2001 | 8.94 | 9.33 | 7.55 |
| S&P 500® Index (reflects no deduction for fees, expenses or taxes) | | 18.40 | 15.22 | 13.88 |
| Russell Midcap® Index (reflects no deduction for fees, expenses or taxes) | | 17.10 | 13.40 | 12.41 |
| Lipper VUF Mid-Cap Core Funds Index | | 11.26 | 11.09 | 10.33 |

Management of the Fund

Investment Adviser: Invesco Advisers, Inc. (Invesco or the Adviser)

| Portfolio Managers | Title | Length of Service on the Fund |
|--------------------|--------------------------|-------------------------------|
| Belinda Cavazos | Portfolio Manager (lead) | 2020 |
| Joy Budzinski | Portfolio Manager | 2019 |
| Kristin Ketner Pak | Portfolio Manager | 2019 |
| Magnus Krantz | Portfolio Manager | 2019 |
| Raman Vardharaj | Portfolio Manager | 2019 |
| Adam Weiner | Portfolio Manager | 2019 |
| Matthew P. Ziehl | Portfolio Manager | 2019 |

Purchase and Sale of Fund Shares

You cannot purchase or sell (redeem) shares of the Fund directly. Please contact the insurance company that issued your variable product for more information on the purchase and sale of Fund shares. For more information, see "Other Information—Purchase and Redemption of Shares" in the prospectus.

Tax Information

The Fund expects, based on its investment objective and strategies, that its distributions, if any, will consist of ordinary income, capital gains, or some combination of both. Because shares of the Fund must be purchased through variable products, such distributions will be exempt from current taxation if left to accumulate within the variable product. Consult your variable insurance contract prospectus for additional tax information.

Payments to Insurance Companies

If you purchase the Fund through an insurance company or other financial intermediary, the Fund, the Fund's distributor or its related companies may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the insurance company or other intermediary and your salesperson or financial adviser to recommend the Fund over another investment. Ask your salesperson or financial adviser or visit your financial intermediary's website for more information.