



Invesco V.I. High Yield 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, 2020 (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.

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, the insurance company that offers your variable annuity or variable life insurance contract may no longer send you paper copies of the Fund's shareholder reports by mail, unless you specifically request paper copies of the reports from the insurance company or your financial intermediary. Instead of delivering paper copies of the report, the insurance company may choose to make the reports available on a website, and will notify you by mail each time a report is posted and provide you with a website link to access the report. Instructions for requesting paper copies will be provided by your insurance company.

If the insurance company offers electronic delivery, you may elect to receive shareholder reports and other communications about the Fund electronically by following the instructions provided by the insurance company or by contacting your financial intermediary. If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action.

You may elect to receive all future reports in paper free of charge from the insurance company. You can inform the insurance company or your financial intermediary that you wish to continue receiving paper copies of your shareholder reports by following the instructions provided by the insurance company or by contacting your financial intermediary. Your election to receive reports in paper will apply to all portfolio companies available under your contract with the insurance company.

Investment Objective(s)

The Fund's investment objective is total return, comprised of current income and capital appreciation.

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	0.63%	0.63%
Distribution and/or Service (12b-1) Fees	None	0.25
Other Expenses	0.25	0.25
Acquired Fund Fees and Expenses	0.01	0.01
Total Annual Fund Operating Expenses	0.89	1.14
Fee Waiver and/or Expense Reimbursement ¹	0.01	0.01
Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement	0.88	1.13

¹ Invesco Advisers, Inc. ("Invesco" or the "Adviser") has contractually agreed to waive a portion of the Fund's management fee in an amount equal to the net management fee that Invesco earns on the Fund's investments in certain affiliated funds, which will have the effect of reducing Acquired Fund Fees and Expenses. Unless Invesco continues the fee waiver agreement, it will terminate on June 30, 2021. During its term, the fee waiver agreement cannot be terminated or amended to reduce the advisory fee waiver without approval of the Board of Trustees.

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 equal to the Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement in the first year and the Total Annual Fund Operating Expenses thereafter.

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	\$ 90	\$283	\$492	\$1,095
Series II shares	\$115	\$361	\$627	\$1,385

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 54% 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 debt securities that are determined to be below investment grade quality and in derivatives and other instruments that have economic characteristics similar to such securities. These types of securities are commonly referred to as junk bonds. Investment grade securities are: (i) securities rated BBB- or higher by S&P Global Ratings (S&P) or Baa3 or higher by Moody's Investors Service, Inc. (Moody's) or an equivalent rating by another nationally recognized statistical rating organization (NRSRO), (ii) securities with comparable short-term NRSRO ratings, or (iii) unrated securities determined by Invesco Advisers, Inc. (Invesco or the Adviser) to be of comparable quality, each at the time of purchase.

The Fund will principally invest in junk bonds rated B or above by an NRSRO or, if unrated, deemed to be of comparable quality by the Adviser.

The Fund may invest in preferred stocks and convertible securities, which are securities that generally pay interest and may be converted into common stock.

The Fund may invest up to 25% of its net assets in foreign securities. With regard to foreign security holdings, up to 15% of the Fund's net assets may be in securities of issuers located in emerging markets countries, i.e., those that are in the early stages of their industrial cycles. The Fund may also invest in securities not considered foreign securities that carry foreign credit exposure.

The Fund may purchase mortgage-backed and asset-backed securities such as collateralized mortgage obligations (CMOs), collateralized loan obligations (CLOs) and collateralized debt obligations (CDOs). The Fund may invest up to 15% of its net assets in illiquid or thinly traded investments. The Fund also may invest in securities that are subject to resale restrictions such as those contained in Rule 144A promulgated under the Securities Act of 1933, as amended. The Fund may also purchase municipal securities. The Fund's investments may include securities that do not produce immediate cash income, such as zero coupon securities and payment-in-kind securities.

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

The Fund can use swap contracts, including interest rate swaps, to hedge or adjust its exposure to interest rates. The Fund can also use swap contracts, including credit default swaps, to gain or reduce exposure to an asset class or a particular issue. The Fund can further use swap contracts, including credit default index swaps, to hedge credit risk or take a position on a basket of credit entities and to gain or reduce exposure to an asset class or a particular issue; and use total return swaps to gain exposure to a reference asset.

The Fund can use options, including credit default swap options, to gain the right to enter into a credit default swap at a specified future date. The

Fund can further use swaptions (options on swaps) to manage interest rate risk; currency options to manage currency exposure; and options on bond or rate futures to manage interest rate exposure.

The Fund can use futures contracts, including interest rate futures, to increase or reduce its exposure to interest rate changes. The Fund can also use currency futures contracts and/or forward foreign currency contracts to hedge against adverse movements in the foreign currencies in which portfolio securities are denominated.

In selecting securities for the Fund's portfolio, the Adviser focuses on securities that it believes have favorable prospects for high current income and the possibility of growth of capital. The Adviser conducts a bottom-up fundamental analysis of an issuer before its securities are purchased by the Fund. The fundamental analysis involves an evaluation by a team of credit analysts of an issuer's financial statements in order to assess its financial condition. The credit analysts also assess the ability of an issuer to reduce its leverage (i.e., the amount of borrowed debt).

The bottom-up fundamental analysis is supplemented by an ongoing review of the securities' relative value compared with other junk bonds, and a top-down analysis of sector and macro-economic trends, such as changes in interest rates.

The portfolio managers attempt to control the Fund's risk by limiting the portfolio's assets that are invested in any one security, and by diversifying the portfolio's holdings over a number of different industries. Although the Fund is actively managed, it is reviewed regularly against its style-specific benchmark index (the Bloomberg Barclays U.S. Corporate High Yield 2% Issuer Cap Index) and its peer group index (the Lipper VUF High Yield Bond Funds Classification Average) to assess the portfolio's relative risk and its positioning.

Decisions to purchase or sell securities are determined by the relative value considerations of the investment professionals that factor in economic and credit-related fundamentals, market supply and demand, market dislocations and situation-specific opportunities. The purchase or sale of securities may be related to a decision to alter the Fund's macro risk exposure (such as duration, yield, curve positioning and sector exposure), a need to limit or reduce the Fund's exposure to a particular security or issuer, degradation of an issuer's credit quality, or general liquidity needs of the Fund.

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:

Changing Fixed Income Market Conditions Risk. The current low interest rate environment was created in part by the Federal Reserve Board (FRB) and certain foreign central banks keeping the federal funds and equivalent foreign rates near historical lows. Increases in the federal funds and equivalent foreign rates may expose fixed income markets to heightened volatility and reduced liquidity for certain fixed income investments, particularly those with longer maturities. In addition, decreases in fixed income dealer market-making capacity may also potentially lead to heightened volatility and reduced liquidity in the fixed income markets. As a result, the value of the Fund's investments and share price may decline. Changes in central bank policies could also result in higher than normal shareholder redemptions, which could potentially increase portfolio turnover and the Fund's transaction costs.

Collateralized Loan Obligations Risk. CLOs are subject to the risks of substantial losses due to actual defaults by underlying borrowers, which will be greater during periods of economic or financial stress. CLOs may also lose value due to collateral defaults and disappearance of subordinate tranches, market anticipation of defaults, and investor aversion to CLO securities as a class. The risks of CLOs will be greater if the Fund invests in

CLOs that hold loans of uncreditworthy borrowers or if the Fund holds subordinate tranches of the CLO that absorbs losses from the defaults before senior tranches. In addition, CLOs are subject to interest rate risk and credit risk.

Convertible Securities Risk. The market values of convertible securities are affected by market interest rates, the risk of actual issuer default on interest or principal payments and the value of the underlying common stock into which the convertible security may be converted. Additionally, a convertible security is subject to the same types of market and issuer risks as apply to the underlying common stock. In addition, certain convertible securities are subject to involuntary conversions and may undergo principal write-downs upon the occurrence of certain triggering events, and, as a result, are subject to an increased risk of loss. Convertible securities may be rated below investment grade.

Debt Securities Risk. The prices of debt securities held by the Fund will be affected by changes in interest rates, the creditworthiness of the issuer and other factors. An increase in prevailing interest rates typically causes the value of existing debt securities to fall and often has a greater impact on longer-duration debt securities and higher quality debt securities. Falling interest rates will cause the Fund to reinvest the proceeds of debt securities that have been repaid by the issuer at lower interest rates. Falling interest rates may also reduce the Fund's distributable income because interest payments on floating rate debt instruments held by the Fund will decline. The Fund could lose money on investments in debt securities if the issuer or borrower fails to meet its obligations to make interest payments and/or to repay principal in a timely manner. Changes in an issuer's financial strength, the market's perception of such strength or in the credit rating of the issuer or the security may affect the value of debt securities. The Adviser's credit analysis may fail to anticipate such changes, which could result in buying a debt security at an inopportune time or failing to sell a debt security in advance of a price decline or other credit event.

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.

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. Securities law and the enforcement of systems of taxation in many emerging market countries may change

quickly and unpredictably. In addition, investments in emerging markets securities may be subject to additional transaction costs, delays in settlement procedures, and lack of timely information.

Foreign Credit Exposure Risk. U.S. dollar-denominated securities carrying foreign credit exposure may be affected by unfavorable political, economic or governmental developments that could affect payments of principal and interest.

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.

High Yield Debt Securities (Junk Bond) Risk. Investments in high yield debt securities ("junk bonds") and other lower-rated securities will subject the Fund to substantial risk of loss. These securities are considered to be speculative with respect to the issuer's ability to pay interest and principal when due, are more susceptible to default or decline in market value and are less liquid than investment grade debt securities. Prices of high yield debt securities tend to be very volatile.

Liquidity Risk. The Fund may be unable to sell illiquid investments at the time or price it desires and, as a result, could lose its entire investment in such investments. Liquid securities can become illiquid during periods of market stress. If a significant amount of the Fund's securities become illiquid, the Fund may not be able to timely pay redemption proceeds and may need to sell securities at significantly reduced prices.

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.

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. Individual stock prices tend to go up and down more dramatically than those of certain other types of investments, such as bonds. 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.

Money Market Fund Risk. Although money market funds generally seek to preserve the value of an investment at \$1.00 per share, the Fund may lose money by investing in money market funds. A money market fund's sponsor has no legal obligation to provide financial support to the money market fund. The credit quality of a money market fund's holdings can change rapidly in certain markets, and the default of a single holding could

have an adverse impact on the money market fund's share price. A money market fund's share price can also be negatively affected during periods of high redemption pressures, illiquid markets and/or significant market volatility.

Mortgage- and Asset-Backed Securities Risk. Mortgage- and asset-backed securities, including collateralized debt obligations and collateralized mortgage obligations, are subject to prepayment or call risk, which is the risk that a borrower's payments may be received earlier or later than expected due to changes in prepayment rates on underlying loans. This could result in the Fund reinvesting these early payments at lower interest rates, thereby reducing the Fund's income. Mortgage- and asset-backed securities also are subject to extension risk, which is the risk that an unexpected rise in interest rates could reduce the rate of prepayments, causing the price of the mortgage- and asset-backed securities and the Fund's share price to fall. An unexpectedly high rate of defaults on the mortgages held by a mortgage pool may adversely affect the value of mortgage-backed securities and could result in losses to the Fund. Privately-issued mortgage-backed securities and asset-backed securities may be less liquid than other types of securities and the Fund may be unable to sell these securities at the time or price it desires. During periods of market stress or high redemptions, the Fund may be forced to sell these securities at significantly reduced prices, resulting in losses. Liquid privately-issued mortgage-backed securities and asset-backed securities can become illiquid during periods of market stress. Privately-issued mortgage-related securities are not subject to the same underwriting requirements as those with government or government-sponsored entity guarantees and, therefore, mortgage loans underlying privately-issued mortgage-related securities may have less favorable collateral, credit risk, liquidity risk or other underwriting characteristics, and wider variances in interest rate, term, size, purpose and borrower characteristics. The Fund may invest in mortgage pools that include subprime mortgages, which are loans made to borrowers with weakened credit histories or with lower capacity to make timely payments on their mortgages. Liquidity risk is even greater for mortgage pools that include subprime mortgages.

Municipal Securities Risk. The risk of a municipal obligation generally depends on the financial and credit status of the issuer. Constitutional amendments, legislative enactments, executive orders, administrative regulations, voter initiatives, and the issuer's regional economic conditions may affect the municipal security's value, interest payments, repayment of principal and the Fund's ability to sell the security. Failure of a municipal security issuer to comply with applicable tax requirements may make income paid thereon taxable, resulting in a decline in the security's value. In addition, there could be changes in applicable tax laws or tax treatments that reduce or eliminate the current federal income tax exemption on municipal securities or otherwise adversely affect the current federal or state tax status of municipal securities.

Preferred Securities Risk. Preferred securities are subject to issuer-specific and market risks applicable generally to equity securities. Preferred securities also may be subordinated to bonds or other debt instruments, subjecting them to a greater risk of non-payment, may be less liquid than many other securities, such as common stocks, and generally offer no voting rights with respect to the issuer.

Zero Coupon or Pay-In-Kind Securities Risk. The value, interest rates, and liquidity of non-cash paying instruments, such as zero coupon and pay-in-kind securities, are subject to greater fluctuation than other types of securities. The higher yields and interest rates on pay-in-kind securities reflect the payment deferral and increased credit risk associated with such instruments and that such investments may represent a higher credit risk than loans that periodically pay interest.

Performance Information

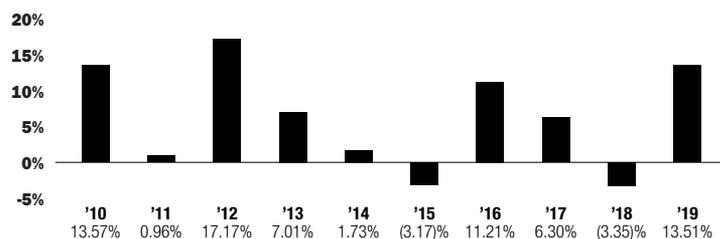
The bar chart and performance table provide an indication of the risks of investing in the Fund. The bar chart shows changes in the performance of the Series I shares of the Fund from year to year as of December 31. The

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). For more information on the benchmarks used see the "Benchmark Descriptions" section in the prospectus. 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



Best Quarter (ended March 31, 2019): 7.71%

Worst Quarter (ended September 30, 2011): -6.98%

Average Annual Total Returns (for the periods ended December 31, 2019)

	1 Year	5 Years	10 Years
Series I shares: Inception (5/1/1998)	13.51%	4.66%	6.27%
Series II shares: Inception (3/26/2002)	13.16	4.39	6.03
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deductions for fees, expenses or taxes)	8.72	3.05	3.75
Bloomberg Barclays U.S. Corporate High Yield 2% Issuer Cap Index (reflects no deductions for fees, expenses or taxes)	14.32	6.14	7.55
Lipper VUF High Yield Bond Funds Classification Average	13.01	5.13	6.74

Management of the Fund

Investment Adviser: Invesco Advisers, Inc.

Investment Sub-Adviser: Invesco Canada Ltd.

Portfolio Managers	Title	Length of Service on the Fund
Andrew Geryol	Portfolio Manager	2016
Joseph Portera	Portfolio Manager	2016
Scott Roberts	Portfolio Manager	2010

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 primarily of ordinary income. 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.

