

Annual Report to Shareholders

December 31, 2022

### Invesco<sup>®</sup> V.I. Nasdaq 100 Buffer Fund - September

The Fund provides a complete list of its portfolio holdings four times each year, at the end of each fiscal quarter. For the second and fourth quarters, the list appears, respectively, in the Fund•s semiannual and annual reports to shareholders. For the first and third quarters, the Fund files the list with the Securities and Exchange Commission (SEC) as an exhibit to its reports on Form N-PORT. The Fund•s Form N-PORT filings are available on the SEC website, sec.gov. The SEC file numbers for the Fund are 811-07452 and 033-57340. The Fund•s most recent portfolio holdings, as filed on Form N-PORT, have also been made available to insurance companies issuing variable annuity contracts and variable life insurance policies (•variable productsŽ) that invest in the Fund.

A description of the policies and procedures that the Fund uses to determine how to vote proxies relating to portfolio securities is available without charge, upon request, from our Client Services department at 800 959 4246 or at invesco.com/corporate/about-us/ esg. The information is also available on the SEC website, sec.gov.

Information regarding how the Fund voted proxies related to its portfolio securities during the most recent 12-month period ended June 30 is available at invesco.com/proxysearch. The information is also available on the SEC website, sec.gov.

Invesco Advisers, Inc. is an investment adviser; it provides investment advisory services to individual and institutional clients and does not sell securities. Invesco Distributors, Inc. is the US distributor for Invesco Ltd.•s retail mutual funds, exchange-traded funds and institutional money market funds. Both are wholly owned, indirect subsidiaries of Invesco Ltd.

This report must be accompanied or preceded by a currently effective Fund prospectus and variable product prospectus, which contain more complete information, including sales charges and expenses. Investors should read each carefully before investing.NOT FDIC INSURED | MAY LOSE

### Management's Discussion of Fund Performance

Market conditions and your Fund Equity markets declined in the first quarter of 2022 amid volatility sparked by Russia•s invasion of Ukraine, rising commodity prices, rampant global inflation and the US Federal Reserve•s (the Fed) shift toward tighter monetary policy. Russia•s invasion exacerbated inflation pressures, disrupting already strained supply chains and increasing shortages of oil, gas and raw materials. The price of oil rose sharply, with crude prices reaching their highest price per barrel since 2008.1 Inflation continued to be a top concern for consumers, investors and the Fed. To combat inflation, the Fed raised the federal funds rate by one-quarter percentage point in March and indicated it would •taperŽ its asset purchase program quickly.2

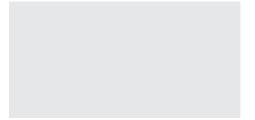
As the war in Ukraine continued and corporate earnings in high-profile names like Netflix reported slowing growth and profits, the equity markets sold off for much of April 2022. The downward direction of the equity markets continued into the second quarter of 2022 amid substantial inflation, rising interest rates and an increasing likelihood of a US recession. Driven by higher food and energy prices, the consumer price index rose by yet another 40-year high to 8.6% for the twelve months ended May 2022.<sup>3</sup> Oil prices peaked near \$122 per barrel in early June, resulting in skyrocketing gasoline prices; the national average price reached a record high above \$5 per gallon in early June.<sup>1</sup> In an attempt to tame inflation, the Fed raised the benchmark federal funds rate three more times, by 0.50% in May, by 0.75% in June and another 0.75% in July, which were the largest increases in nearly 30 years<sup>2</sup>. US equity markets rose in July and August until Fed chairman Jerome Powelles hawkish comments at an economic policy symposium held in Jackson Hole, which sparked a sharp selloff at month-end. The Fed reiterated that it would continue taking aggressive action to curb inflation, even though such measures could bring pain to households and businesses, Ž and the Fed raised the benchmark federal funds rate by another 0.75% in September.

# Your Fund's Long-Term Performance

Results of a \$10,000 Investment – Oldest Share Class(es) Fund and index data from 9/30/21

9,000

6,000 \_\_\_\_\_



### Supplemental Information

Invesco<sup>®</sup> V.I. Nasdaq 100 Buffer Fund - September seeks, over a specified annual Outcome Period, to provide investors with returns that match those of the Nasdaq-100 Index (the "Underlying Index") up to an upside cap, while providing a buffer against the first 10% (prior to taking into account any fees and expenses of the Fund) of Underlying Index losses.

Unless otherwise stated, information presented in this report is as of December 31, 2022, and is based on total net assets. Unless otherwise noted, all data is provided by Invesco.

To access your Fund•s reports/prospectus, visit invesco.com/fundreports.

About indexes used in this report

The Nasdaq-100 Index<sup>®</sup> (Price Only) is a

price-only ining0 oft(o)]TJ T\*largesc -onlydutcstic8(0)5.2280(and)-28esernormattotal(o)]TJ T\*financitotali onseNas((o)]TJ T\*Stock(se)-2M9(N

# Fund Information

Portfolio Composition	
By security type	% of total investments
Options Purchased	95.72%
Money Market Funds	4.28

Data presented here are as of December 31, 2022.

# Schedule of Investments

December 31, 2022

	Shares	Value		Shares	Value	
Money Market Funds-4.56%				Options Purchased-101.97%		
Invesco Government & Agency				(Cost \$4,940,775 <sup>9)</sup>	\$4,829,209	
Portfolio, Institutional Class, 4.22% <sup>(a)(b)</sup>	77,357	\$ 77,357		TOTAL INVESTMENTS IN SECURITIES106.53% (Cost \$5,156,705)	5,045,143	
Invesco Liquid Assets Portfolio, Institutional Class, 4.42%)	55.175	55,192		OTHER ASSETS LESS LIABILITIES, (6.53)%		(309
Invesco Treasury Portfolio, Institutional		 		NET ASSETS100.00%	\$4,736,	,068
Class, 4.20% <sup>(b)</sup>	83,385	83,385				
Total Money Market Funds (Cost \$21	5,930)	2	15,934			

Notes to Schedule of Investments:

(a) Affiliated issuer. The issuer and/or the Fund is a wholly-owned subsidiary of Invesco Ltd., or is affiliated by having an investment adviser that is control of Invesco Ltd. The table below shows the Fundes transactions in, and earnings from, its investments in affiliates for the fundes at the subsidiary of 2022.

	Value December 31, 2021	Purchases at Cost	Proceeds from Sales	Change in Unrealized Appreciation	 Value December 31, 2022	Dividend Income
Investments in Affiliated Money Market Fund	s:					
Invesco Government & Agency PortfolMarke	tAffiliated					

<sup>(a)</sup> Notional Value is calculated by multiplying the Number of Contracts by the Exercise Price by the multiplier.

Description	Type of Contract	Expiration Date	Numbe Contrac		Exercise Price		otional alué <sup>a)</sup>	Value	
Equity Risk									_
NASDAQ100 Index	Cal	I 09/29/	2023	3	USD	13,900.54	USD	4,170,162	\$ (52,
Equity Risk									_
NASDAQ100 Index	Put	09/29/2	2023	3	USD	9,874.10	USD	2,962,230	(159,
Total Open Index Options Written								\$(212,53	_ 31)

<sup>(a)</sup> Notional Value is calculated by multiplying the Number of Contracts by the Exercise Price by the multiplier.

Abbreviations:

USD "U.S. Dollar

### Statement of Assets and Liabilities

December 31, 2022

### Assets: Investments in unaffiliat (Cost \$4,940,775) Investments in affiliated (Cost \$215,930) Cash Receivable for: Fund expenses absor Dividends Investment for trustee d

### Statement of Operations

For the year ended December 31, 2022

Assets:		Investment income:		
Investments in unaffiliated securities, at value (Cost \$4,940,775)	\$4,829,209	Dividends from affiliated money market funds	\$ 2	,726
Investments in affiliated money market funds, at value		Expenses:		
(Cost \$215,930)	215,934	Advisory fees	<u>17,8</u> 59	
Cash	10,500	Administrative services fees	63	34
Receivable for:		Custodian fees	2,559	
Fund expenses absorbed	<u>10</u> 3,081	Distribution fees - Series II	7,00	)4
Dividends	383	Transfer agent fees	222	2
Investment for trustee deferred compensation and	<b>E</b> 0 ( <b>F</b>	Trustees• and officers• fees and benefits	16	6,092
retirement plans	5,217	Licensing fees	1,771	
Other assets	622	Reports to shareholders	11,02	0
Total assets	5,164,946	Professional services fees	74,84	14
Liabilities:		Other	(2,300)	
Other investments:		Total expenses	129,705	j i
Options written, at value (premiums received \$463,7	748) 299,64	4Less: Fees waived and/or expenses reimbursed		93,0
Payable for:		Net expenses	36,616	
Investments purchased	5,259	Net investment income (loss)	(33,89	90)
Fund shares reacquired	77		/	,
Accrued fees to affiliates	<u>23,</u> 161	Realized and unrealized gain (loss) from:		
Accrued trustees• and officers• fees and benefits		3Net realized gain (loss) from:	(150.0	
Accrued other operating expenses	92,789	Unaffiliated investment securities	(452,8	,
Trustee deferred compensation and retirement plans	5,2	17 Affiliated investment securities		4
Total liabilities	428,878	Option contracts written	(315,735	ō)
Net assets applicable to shares outstanding	\$4,736,06	68	(768,586)	
Net assets consist of:		Change in net unrealized appreciation (depreciation) of: Unaffiliated investment securities	(332,0	66)
Shares of beneficial interest	\$5,454,863	Affiliated investment securities		7
Distributable earnings (loss)	(718,795)	Option contracts written	193,385	5
	\$4,736,068		(138,674)	
Net Assets:		Net realized and unrealized gain (loss)	(907,	
Series I	\$1,336,056	Net increase (decrease) in net assets resulting from ope	erations \$(	941,
Series II	\$3,400,012			
Shares outstanding, no par value, with an unlimited i shares authorized:	number of			
Series I	159,563			
Series II	407,304			

Series I	159,56				
Series II	407	,304			
Series I: Net asset value per share	\$	8.37			
Series II: Net asset value per share	\$	8.35			

See accompanying Notes to Financial Statements which are an integral part of the financial statements.

# Statement of Changes in Net Assets For the year ended December 31, 2022 and for the period September 30, 2021 (commencement date) through December 31, 2021

	Year Ended (con	September 30, 2021 nmencement date) through December 31, 2021
Operations:		
Net investment income (loss)	\$ (33,890)	\$ (7,030)
Net realized gain (loss)	(768,586)	(75)
Change in net unrealized appreciation (depreciation)	(138,674	) 191,216
Net increase (decrease) in net assets resulting from operations	(941,15	50) 184,111
Share transactions-net:		
Series I	92,618	1,500,010
Series II	1,923,398	1,977,081
Net increase in net assets resulting from share transactions	2,016,016	3,477,091
Net increase in net assets	1,074,866	3,661,202
Net assets:		
Beginning of year	3,661,202	"
End of year	\$4,736,068	\$3,661,202

### Notes to Financial Statements

December 31, 2022

### NOTE 1–Significant Accounting Policies

InvescoV.I. Nasdaq 100 Buffer Fund - September (the •FundŽ) is a series portfolio of AIM Variable Insurance Funds (Invesco Variableshž) urance F The Trust is a Delaware statutory trust registered under the Investment Company Act of 1940, as amended (the •1940 ActŽ), as an open-end series investment company. Information presented in these financial statements pertains only to the Fund. Matters affecting the Funddromach class will be exclusively by the shareholders of the Fund or each class. Current Securities and Exchange Commission (•SECŽ) guidancetingwieseranequires pa companies offering separate accounts to vote shares proportionally in accordance with the instructions of the contract owners funded by vestments shares of each Fund or class.

The Fund seeks, over a specified annual outcome period, to provide investors with returns that match those of the thread and the providing a buffer against the first 10% (prior to taking into account any fees and expenses of the Fund) of Underlying Index los invests, under normal circumstances, at least 80% its net assets (plus any borrowings for investment purposes) in options that getiedence the Underlying Index.

The Fund employs a •Defined OutcomeŽ strategy, which seeks to replicate the performance of the Underlying Index over a designated period of •Outcome PeriodŽ) up to a predetermined cap (the •CapŽ), while providing a buffer against the first 10% of Underlying Index losises(ther the Outcom •BufferŽ). Following the conclusion of the initial Outcome Period, each subsequent Outcome Period will be a one-year period that the immediately follows the day that the preceding Outcome Period concluded. New Cap levels will be determined at the end of the **traditiggithy** if itst day of each new Outcome Period and will change depending on market conditions. The Buffer for each Outcome Period will besen the first for maximum percentage return, expressed as a percentage of the value of the Underlying Index determined at the start of the relevant@ulyiogne Period Index Start ValueŽ), that can be achieved from an investment in the Fund over an Outcome Period, prior to taking into account any Fund•s Buffer represents the amount of losses, expressed as a percentage of the Underlying Index Start Value, that the Fundwidt by if girateant in the fund over an Outcome Period, prior to taking into account any fees and expenses of the Fund. Underlying Index loss experiences losses over an Outcome Period, prior to taking into account any fees and expenses of the Fund. Underlying Index loss exceed the Buffer will be borne by shareholders.

The Fund currently offers two classes of shares, Series I and Series II, both of which are offered to insurance company separate accountry fundir contracts and variable life insurance policies (•variable productsŽ).

The Fund is an investment company and accordingly follows the investment company accounting and reporting guidance in accounding with Fir Standards Board Accounting Standards Codification Fiopinc and Services ... Investment Companies

The following is a summary of the significant accounting policies followed by the Fund in the preparation of its financial statements.

A. Security Valuations, Securities, including restricted securities, are valued according to the following policy.

A security listed or traded on an exchange is generally valued at its trade price or official closing price that day as of the close blethe exchange security is principally traded, or lacking any trades or official closing price on a particular day, the security may be valued atrihibatidaing bid price Securities traded in the over-the-counter market are valued based on prices furnished by independent pricing services or market are valued based on prices furnished by independent pricing services or market are baily se an exchange on which they are principally traded. U.S. exchange-traded options are valued at the mean between the last bid andhasked prices on which they are principally traded. Non-U.S. exchange-traded options are valued at the final settlement price set by the exchange on set listed on an exchange and swaps generally are valued using pricing provided from independent pricing services.

Securities of investment companies that are not exchange-traded (e.g., open-end mutual funds) are valued using such compared essed-of-buvalue per share.

Deposits, other obligations of U.S. and non-U.S. banks and financial institutions are valued at their daily account value.

Fixed income securities (including convertible debt securities) generally are valued on the basis of prices provided by in deperdent pricing service may be determined without exclusive reliance on quoted prices, and may reflect appropriate factors tradings inst in similar groups of securities, developments related to specific securities, dividend rate (for unlisted equities), yield, (for addebty begatissus), coupon rate (for debt obligations), maturity (for debt obligations), individual trading characteristics and other market datae Pailong loar debt obligations assuming orderly transactions of institutional round lot size, but a fund may hold or transact in the same securities odd lo often trade at lower prices than institutional round lots, and their value may be adjusted accordingly. Debt obligations are sand extended to the same risk of default with respect to interest and/or principal payments.

Foreign securities• (including foreign exchange contracts) prices are converted into U.S. dollar amounts using the applicatble elosteorifge rates the New York Stock Exchange (•NYSEŽ). If market quotations are available and reliable for foreign exchange-traded equisivile@ufites)-the 52du

The table below summarizes the value of the Fundes derivative investments, detailed by primary risk exposure, held as of December 31, 2022:

	Value
Derivative Assets	Equity Risk
Options purchased, at ∜allue	\$ 4,829,209
Derivatives not subject to master netting agreements	(4,829,209)
Total Derivative Assets subject to master netting agreements	\$ "
	Value
Derivative Liabilities	Equity Risk
Options written, at value	\$ (299,644)
Derivatives not subject to master netting agreements	299,644

Total Derivative Liabilities subject to master netting agreements

<sup>(a)</sup> Options purchased, at value as reported in the Schedule of Investments.

Effect of Derivative Investments for the year ended December 31, 2022

The table below summarizes the gains (losses) on derivative investments, detailed by primary risk exposure, recognized in dearnings during the per

\$

	Location of Gain (Loss) or Statement of Operations
	Equity Risk
Realized Gain (Loss):	
Options purchased	\$(452,855)
Options written	(315,735)
Change in Net Unrealized Appreciation (Depreciation):	
Options purchased	(332,066)
Options written	193,385
Total	\$(907,271)

(a) Options purchased are included in the net realized gain (loss) from investment securities and the change in net unrealized appfeciation (deprecinvestment securities.

The table below summarizes the average notional value of derivatives held during the period.

	Equity Options Purchased	Index Options Purchased	Equity Options Written	Index Options Written
Average notional value	\$3,656,144	\$3,390,108	\$7,339,905	\$7,132,392
Average contracts	205	6	205	6

NOTE 5–Trustees' and Officers' Fees and Benefits

Trustees• and Officers• Fees and in the index in the function of the function

#### NOTE 6–Cash Balances

The Fund is permitted to temporarily carry a negative or overdrawn balance in its account with SSB, the custodian bank. Such **bata** areas lifearry at perint the Statement of Assets and Liabilities under the payable caption Amount due custodian. To compensate the custodian bank/arcts and fuerdrates, may either (1) leave funds as a compensating balance in the account so the custodian bank can be compensated by earning the additional terms by paying the custodian bank at a rate agreed upon by the custodian bank and Invesco, not to exceed the contractually agreed uponrates. Find the Funder additional securities when any borrowings from banks or broker-dealers exceed 5% of the Fundes total assets, or when any borrowings from an Involutional securities.

#### NOTE 7–Distributions to Shareholders and Tax Components of Net Assets

There were no ordinary income or long-term capital gain distributions paid during the year ended December 31, 2022 and the period September 30 (commencement date) through December 31, 2021.

Tax Components of Net Assets at Period-End:

	2022
Net unrealized appreciation (depreciation) " investments	\$ (5)
Temporary book/tax differences	(2,676)
Capital loss carryforward	(716,114)
Shares of beneficial interest	5,454,863
Total net assets	\$4,736,068

The difference between book-basis and tax-basis unrealized appreciation (depreciation) is due to differences in the timingral lesses investments for tax and book purposes. The Fundes net unrealized appreciation (depreciation) difference is attributable primarily to straddles. The temporary book/tax differences are a result of timing differences between book and tax recognition of income and/or expenses.

differences are the result of the trustee deferral of compensation and retirement plan benefits.

Capital loss carryforward is calculated and reported as of a specific date. Results of transactions and other activity after that date of apalited: the a loss carryforward actually available for the Fund to utilize. The ability to utilize capital loss carryforward in the future may interlimated with the date of apalited and related regulations based on the results of future transactions.

The Fund has a capital loss carryforward as of December 31, 2022, as follows:

Capital Loss Carryforward\*

Expiration	Short-Term	Long-Term	Total
Not subject to expiration	\$695,885	\$20,229	\$716,114

\* Capital loss carryforward is reduced for limitations, if any, to the extent required by the Internal Revenue Code and may be further limitations, including the realization of net unrealized gains or losses as of the date of any reorganization.

NOTE 8–Investment Transactions

## Report of Independent Registered Public Accounting Firm

To the Board of Trustees of AIM Variable Insurance Funds (Invesco Variable Insurance Funds) and Shale Naisless di Olo Pastier Fund - September

#### Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the schedule of investine to be statement of assets and liabilities, including the schedule of investine to be been statement of assets and the financial function of the funds constituting AIM Variable Insurance Funds (Invesco Variable Insurance Funds), referred to be assets and the financial function of December 31, 2022 and the statement of changes in net assets and the financial function of the period September 30, 2021 (commencement of operations) through December 31, 2021, including this statements"). In our opinion, the financial statements present fairly, in all material respects to the financial positi December 31, 2022, the results of its operations for the year ended December 31, 2022, and the changes in its net assets and the financial mightight of the period September 30, 2021 (commencement of operations) through December 31, 2021, including this state positi December 31, 2022, and the changes in its net assets and the financial positi period September 30, 2021 (commencement of operations) through December 31, 2022 and for the period September 30, 2021 (commencement of operations) through December 31, 2021 in conformity with a principles generally accepted in the United States of America.

Basis for Opinion

# Calculating your ongoing Fund expenses

#### Example

As a shareholder of the Fund, you incur ongoing costs, including management fees; distribution and/or service fees (12b-1); and istee frund is per intended to help you understand your ongoing costs (in dollars) of investing in the Fund and to compare these costs with ongoing costs (in dollars) of investing in the Fund and to compare these costs with ongoing costs (in dollars). The example is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period July 1, 2922 through I 2022.

The actual and hypothetical expenses in the examples below do not represent the effect of any fees or other expenses assessed in connection w product; if they did, the expenses shown would be higher while the ending account values shown would be lower.

#### Actual expenses

The table below provides information about actual account values and actual expenses. You may use the information in this tablet together with the invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,000) account value \$1,000 = 8.6), then multiply the result by the number in the table under the heading entitled •Actual Expenses Paid During Period. Simply divide the expenses Paid During Period.

#### Hypothetical example for comparison purposes

The table below also provides information about hypothetical account values and hypothetical expenses based on the Fund•sraatsalreepterate ratio 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 balance or expenses youspectibitor the perior information to compare the ongoing costs of investing in the Fund and other funds. To do so, compare this 5% hypothetical example waith these 5% hypothetical example waith these 5% hypothetical example waith the funds.

Please note that the expenses shown in the table are meant to highlight your ongoing costs. Therefore, the hypothetical informination is a costs, and will not help you determine the relative total costs of owning different funds.

		ACTUAL		HYPOTHETICAL (5% annual return before expenses)		
	Beginning Account Value (07/01/22)	Ending Account Value (12/31/22) <sup>1</sup>	Expenses Paid During Periođ	Ending Account Value (12/31/22)	Expenses Paid During Periođ	Annualized Expense Ratio
Series I	\$1,000.00	\$974.40	\$3.48	\$1,021.68	\$3.57	0.70%
Series II	1,000.00	974.30	4.73	1,020.42	4.84	0.95

<sup>1</sup> The actual ending account value is based on the actual total return of the Fund for the period July 1, 2022 through December 31, 2022 and a hypothetical ending account value which is based on the Fund•s expense ratio and a hypothetical annual return of 5% before expenses.

<sup>2</sup> Expenses are equal to the Fundes annualized expense ratio as indicated above multiplied by the average account value over the 66 for defined tiplied by the 66 for defined tiplied by the count value over the 66 for defined tiplied by the count value over the 66 for defined tiplied by the count value over the 66 for defined tiplied by the count value over the 66 for defined tiplied by the count value over the 66 for defined tiplied by the count value over tip

# **Tax Information**

Form 1099-DIV, Form 1042-S and other year...end tax information provide shareholders with actual calendar year amounts that shaukt use includes Shareholders should consult their tax advisers.

The following distribution information is being provided as required by the Internal Revenue Code or to meet a specific state s requirement. The Fund designates the following amounts or, if subsequently determined to be different, the maximum amount allowable for instruction and a second 2022:

Federal and State Income Tax

Qualified Dividend Income*	0.00%
Corporate Dividends Received Deduction*	0.00%
U.S. Treasury Obligations*	0.00%
Qualified Business Income*	0.00%
Business Interest Income*	0.00%

\* The above percentages are based on ordinary income dividends paid to shareholders during the Fundes fiscal year.

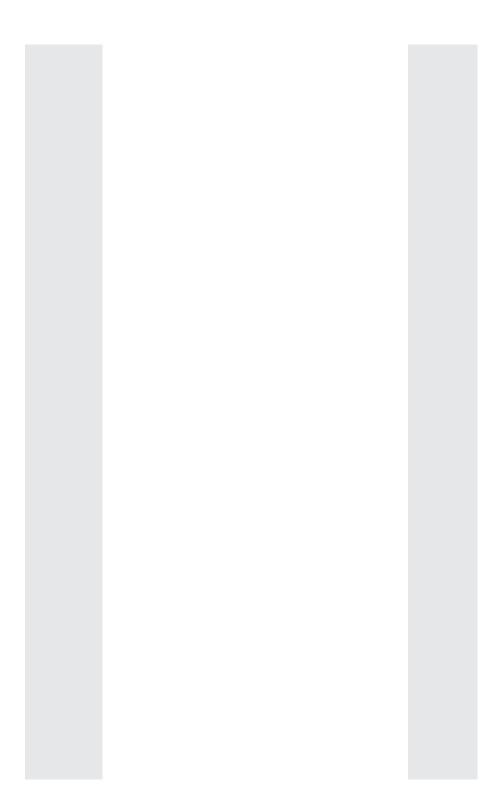
# Trustees and Officers

The address of each trustee and officer is AIM Variable Insurance Funds (Invesco Variable Insurance Funds) (the •TrustŽ), 11 Gree 1000, Houston, Texas 77046-1173. The trustees serve for the life of the Trust, subject to their earlier death, incapacitation, eestignation or removal as more specifically provided in the Trust•s organizational documents. Each officer serves for a one year term oreuntil the elected and qualified. Column two below includes length of time served with predecessor entities, if any.

Name, Year of Birth and Position(s) Held with the Trust Interested Trustee	Trustee and/or Officer Since	Principal Occupation(s) During Past 5 Years	Number of Funds in Fund Comple: Overseen by Trustee	Other Directorship(s) x Held by Trustee During Past 5 Years
Martin L. Flanaģan960 Trustee and Vice Chair	2007	Executive Director, Chief Executive Officer and President, Invesco (ultimate parent of Invesco and a global investment management fi Trustee and Vice Chair, The Invesco Funds; Vice Chair, Investmen Institute; and Member of Executive Board, SMU Cox School of Bus Formerly: Advisor to the Board, Invesco Advisers, Inc. (formerly knd Invesco Institutional (N.A.), Inc.); Chairman and Chief Executive Of Invesco Advisers, Inc. (registered investment adviser); Director, Ch Chief Executive Officer and President, Invesco Holding Company ( (formerly IVZ Inc.) (holding company), Invesco Group Services, Inc provider) and Invesco North American Holdings, Inc. (holding comp Director, Chief Executive Officer and President, Invesco Holding Co Limited (parent of Invesco and a global investment management fir Director, Invesco Ltd.; Chairman, Investment Company Institute an Co-Chief Executive Officer, Co-President, Chief Operating Officer Financial Officer, Franklin Resources, Inc. (global investment mana organization)	rm); t Company iness own as ficer, aairman, US), Inc. c. (service bany); ompany m); d President, and Chief	None

<sup>1</sup> Mr. Flanagan is considered an interested person (within the meaning of Section 2(a)(19) of the 1940 Act) of the Trust because heirs tontbe to the Adviser and a director of Invesco Ltd., ultimate parent of the Adviser.

# Trustees and Officers



Name, Year of Birth and Position(s) Held with the Trust


Name, Year of Birth and Position(s) Held with the Trust Officers	Trustee and/or Officer Since	Principal Occupation(s) During Past 5 Years	Number of Funds in Fund Comple: Overseen by Trustee	Other Directorship(s) K Held by Trustee During Past 5 Years
Sheri Morris " 1964 President and Principal Exect Officer	1999 utive	Director, Invesco Trust Company; Head of Global Fund Services, I President and Principal Executive Officer, The Invesco Funds; Vice Invesco Exchange-Traded Fund Trust, Invesco Exchange-Traded Invesco India Exchange-Traded Fund Trust, Invesco Actively Managed Exchange Commodity Fund Trust, and Invesco Exchange-Traded Self-Indexe and Vice President, OppenheimerFunds, Inc. Formerly: Vice President, Treasurer and Principal Financial Officer Funds; Vice President, Invesco AIM Advisers, Inc., Invesco AIM C Management, Inc. and Invesco AIM Advisers, Inc., Invesco AIM C Management, Inc. and Invesco AIM Private Asset Management, Ir Vice President and Assistant Treasurer, The Invesco Funds; Vice P Assistant Vice President, Invesco Advisers, Inc.; Assistant Vice Pre Invesco AIM Capital Management, Inc. and Invesco AIM Private A Management, Inc.; Treasurer, Invesco Exchange-Traded Fund Tru Exchange-Traded Fund Trust II, Invesco India Exchange-Traded F Invesco Actively Managed Exchange-Traded Fund Trust; and Sen President, Invesco Advisers, Inc. (formerly known as Invesco Instit (N.A.), Inc.) (registered investment adviser)	President, Fund Trust II, aged Pe-Traded ad Fund Trust; , The Invesco apital ac.; Assistant President and esident, sset ust, Invesco und Trust and ior Vice	N/A
Jeffrey H. Kupor 1968 Senior Vice President, Chief I Officer and Secretary	2018 Legal	Head of Legal of the Americas, Invesco Ltd.; Senior Vice Presiden Secretary, Invesco Advisers, Inc. (formerly known as Invesco Instii (N.A.), Inc.) (registered investment adviser); Secretary, Invesco Di Inc. (formerly known as Invesco AlM Distributors, Inc.); Vice Presid Secretary, Invesco Investment Services, Inc. (formerly known as In Investment Services, Inc.); Senior Vice President, Chief Legal Offic Secretary, The Invesco Funds; Secretary and General Counsel, In Investment Advisers LLC (formerly known as Van Kampen Asset M Secretary and General Counsel, Invesco Capital Markets, Inc. (for as Van Kampen Funds Inc.); Chief Legal Officer, Invesco Exchange Trust, Invesco Exchange-Traded Fund Trust II, Invesco India Exch Fund Trust, Invesco Actively Managed Exchange-Traded Fund Tru Actively Managed Exchange-Traded Commodity Fund Trust and In Exchange-Traded Self-Indexed Fund Trust; Secretary and Vice P Harbourview Asset Management Corporation; Secretary and Vice OppenheimerFunds, Inc.; and Invesco Managed Accounts, LLC; S Senior Vice President, OFI Global Institutional, Inc.; Secretary and President, OFI SteelPath, Inc.; Secretary and Vice President, Opp Acquisition Corp.; Secretary and Vice President, Shareholder Serv and Secretary and Vice President, Trinity Investment Managemen Formerly: Senior Vice President, Invesco Distributors, Inc.; Secretary President, Jemstep, Inc.; Head of Legal, Worldwide Institutional, In Secretary and General Counsel, INVESCO Private Capital Investor M Group, Inc. (formerly known as Invesco Alm Management Group, Assistant Secretary, INVESCO Asset Management (Bermuda) Ltc and General Counsel, INVESCO Realty, Inc.; Secretary and General Counsel, Invesco M Group, Inc. (formerly known as Invesco Private Capital, Inc.; Assistant Secret General Counsel, INVESCO Realty, Inc.; Secretary and General Counsel, Invesco M General Counsel, INVESCO Realty, Inc.; Secretary and General Counsel, Invesco Private Capital, Inc.; Assistant Secretary General Counsel, INVESCO Realty, Inc.; Secretary and G	autional stributors, lent and typesco AIM cer and vesco Anagement); merly known e-Traded Fund ange-Traded Fund ange-Traded Fund ange-Traded Fund ange-Traded subsco resident, President, ecretary and Vice enheimer rices, Inc.; t Corporation ary and Vice typesco Ltd.; hents, Inc.; anagement Inc.); 1; Secretary etary and counsel, Invesco	

Name, Year of Birth and Position(s) Held with the Trust	Trustee and/or Officer Since	Principal Occupation(s) During Past 5 Years		Other Directorship(s) K Held by Trustee During Past 5 Years	
Officers, (continued)					
John M. Zerr " 1962 Senior Vice President	2006	Chief Operating Officer of the Americas; Senior Vice F Advisers, Inc. (formerly known as Invesco Institutional investment adviser); Senior Vice President, Invesco D known as Invesco AIM Distributors, Inc.); Director and Investment Services, Inc. (formerly known as Invesco Services, Inc.) Senior Vice President, The Invesco Fur Invesco Capital Management LLC; Director, Invesco I (formerly known as Van Kampen Asset Management) Invesco Capital Markets, Inc. (formerly known as Van Manager, Invesco Indexing LLC; Manager, Invesco S Member, Invesco Canada Funds Advisory Board; Dire Executive Officer, Invesco Corporate Class Inc. (corpor company); and Director, Chairman, President and Chi Invesco Canada Ltd. (formerly known as Invesco Tim Ltèe) (registered investment adviser and registered tra Invesco, Inc.; President, Invesco Global Direct Real Es President, Invesco IHeldings (Canada) Ltd; Preside Real Estate GP Ltd.; President, Invesco Financial Sen Financiers Invesco Ltée; and Director and Chairman, I Formerly: President, Trimark Investments Ltd/Service Ltee; Director and Senior Vice President, Invesco Insu Director and Senior Vice President, Invesco Insu Director and Senior Vice President, Invesco Insu Management Group, Inc.); Secretary, Invesco Investin (formerly known as Invesco AIM Management Group, Inc.); Set Counsel, Invesco Management Group, Inc. (formerly I Management Advisers LLC (formerly known as Van Kan Secretary, The Invesco Funds; Secretary and General Counsel, Invesco Capital Mark as Van Kampen Funds Inc.); Chief Legal Officer, Invesc Trust, Invesco Exchange-Traded Fund Trust II, Invesco Fund Trust, Invesco Actively Managed Exchange-Tra Actively Managed Exchange-Traded Commodity Fun Exchange Corp.; Director, Vice President and Secretary Director, Secretary, General Counsel and Senior Vice President, General Counsel and Senior Vice President, General Counsel and Senior Vice President, General Counsel and Secretary and Kampen Investor Services Inc.; Director and Vice President Advisors Inc.; Director, Vi	I (N.A.), Inc.) (registered Distributors, Inc. (formerly d Vice President, Invesco o AIM Investment inds; Managing Director, Investment Advisers LLC ); Senior Vice President, Kampen Funds Inc.); Opecialized Products, LLC; ector, President and Chief orate mutual fund ief Executive Officer, mark Ltd./Invesco Trimark ansfer agent); President, estate Feeder GP Ltd.; ent, Invesco Global Direct vices Ltd. / Services Invesco Trust Company es Financiers Invesco urance Agency, Inc.; ment Group, Inc. (formerly cretary and General known as Invesco AIM ment Services, Inc. a, Inc.); Chief Legal Officer neral Counsel, Invesco mpen Asset Management); kets, Inc. (formerly known sco Exchange-Traded Fund co India Exchange-Traded Inded Fund Trust, Invesco d Trust and Invesco y, Invesco Indexing LLC; e President, Van Kampen ary, IVZ Distributors, Inc. ctor and Vice President, dent, Van Kampen General Counsel, Van y, Invesco Distributors, ); Director, Senior Vice VIM Advisers, Inc. and Van	10.608nvesco AlMInvesco	AIMJ T <sup>4</sup>

Other

Number of

Name, Year of Birth and Position(s) Held with the Trust	Trustee and/or Officer Since	Principal Occupation(s) During Past 5 Years	Funds in Directorship(s) Fund Complex Held by Trustee Overseen by During Past 5Occupation(s) Trustee

Number of

Other