

Semiannual Report to Shareholders

June 30, 2023

# Invesco V.I. Equity and Income Fund

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 products") 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/esq. 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 VALUE | NO BANK GUARANTEE

Invesco Distributors, Inc.

## **Fund Performance**

## Performance summary

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Fund vs. Indexes Cumulative total returns, 12/31/22 to 6/30/23, excluding variable product issuer charges. product issuer charges were included, returns would be lower.	If variable
Series I Shares	3.84%
Series II Shares	3.68
Russell 1000 Value Index <sup>▼</sup> (Broad Market Index)	5.12
Bloomberg U.S. Government/Credit Index▼ (Style-Specific Index)	2.21
Lipper VUF Mixed-Asset Target Allocation Growth Funds Index (Peer Group Index)	9.18

Source(s): ▼RIMES Technologies Corp.; \*Lipper Inc.

The **Russell 1000**® **Value Index** is an unmanaged index considered representative of large-cap value stocks. The Russell 1000 Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.

The **Bloomberg U.S. Government/Credit Index** is a broad-based benchmark that includes investment-grade, US dollar-denominated, fixed-rate Treasuries, government-related and corporate securities.

The **Lipper VUF Mixed-Asset Target Allocation Growth Funds Index** is an unmanaged index considered representative of mixed-asset target allocation growth variable insurance underlying funds tracked by Lipper.

The Fund is not managed to track the performance of any particular index, including the index(es) described here, and consequently, the performance of the Fund may deviate significantly from the performance of the index(es).

A direct investment cannot be made in an index. Unless otherwise indicated, index results include reinvested dividends, and they do not reflect sales charges. Performance of the peer group, if applicable, reflects fund expenses; performance of a market index does not.

Average Annual Total Returns As of 6/30/23	
Series I Shares	
Inception (6/1/10)	8.66%
10 Years	7.50
5 Years	6.65
1 Year	9.18
Series II Shares	
Inception (4/30/03)	7.57%
10 Years	7.22
5 Years	6.37
1 Year	8.87

Effective June 1, 2010, Class II shares of the predecessor fund, Universal Institutional Funds Equity and Income Portfolio, advised by Morgan Stanley Investment Management Inc. were reorganized into Series II shares of Invesco Van Kampen V.I. Equity and Income Fund (renamed Invesco V.I. Equity and Income Fund on April 29, 2013). Returns shown above, prior to June 1, 2010, for Series II shares are those of the Class II shares of the predecessor fund. Share class returns will differ from the predecessor fund because of different expenses.

The performance data quoted represent past performance and cannot guarantee future results; current performance may be lower or higher. Please contact your variable product issuer or financial adviser for the most recent month-end variable prod-

uct performance. Performance figures reflect Fund expenses, reinvested distributions and changes in net asset value. Performance figures do not reflect deduction of taxes a shareholder would pay on Fund distributions or sale of Fund shares. Investment return and principal value will fluctuate so that you may have a gain or loss when you sell shares.

Invesco V.I. Equity and Income Fund, a series portfolio of AIM Variable Insurance Funds (Invesco Variable Insurance Funds), is currently offered through insurance companies issuing variable products. You cannot purchase shares of the Fund directly. Performance figures given represent the Fund and are not intended to reflect actual variable product values. They do not reflect sales charges, expenses and fees assessed

in connection with a variable product. Sales charges, expenses and fees, which are determined by the variable product issuers, will vary and will lower the total return.

The most recent month-end performance at the Fund level, excluding variable product charges, is available by visiting invesco.com/us. As mentioned above, for the most recent month-end performance including variable product charges, please contact your variable product issuer or financial adviser.

Fund performance reflects any applicable fee waivers and/or expense reimbursements. Had the adviser not waived fees and/or reimbursed expenses currently or in the past, returns would have been lower. See current prospectus for more information.

## Liquidity Risk Management Program

In compliance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), the Fund has adopted and implemented a liquidity risk management program in accordance with the Liquidity Rule (the "Program"). The Program is reasonably designed to assess and manage the Fund's liquidity risk, which is the risk that the Fund could not meet redemption requests without significant dilution of remaining investors' interests in the Fund. The Board of Trustees of the Fund (the "Board") has appointed Invesco Advisers, Inc. ("Invesco"), the Fund's investment adviser, as the Program's administrator, and Invesco has delegated oversight of the Program to the Liquidity Risk Management Committee (the "Committee"), which is composed of senior representatives from relevant business groups at Invesco.

As required by the Liquidity Rule, the Program includes policies and procedures providing for an assessment, no less frequently than annually, of the Fund's liquidity risk that takes into account, as relevant to the Fund's liquidity risk: (1) the Fund's investment strategy and liquidity of portfolio investments during both normal and reasonably foreseeable stressed conditions; (2) short-term and long-term cash flow projections for the Fund during both normal and reasonably foreseeable stressed conditions; and (3) the Fund's holdings of cash and cash equivalents and any borrowing arrangements. The Liquidity Rule also requires the classification of the Fund's investments into categories that reflect the assessment of their relative liquidity under current market conditions. The Fund classifies its investments into one of four categories defined in the Liquidity Rule: "Highly Liquid," "Moderately Liquid," "Less Liquid," and "Illiquid." Funds that are not invested primarily in "Highly Liquid Investments" that are assets (cash or investments that are reasonably expected to be convertible into cash within three business days without significantly changing the market value of the investment) are required to establish a "Highly Liguid Investment Minimum" ("HLIM"), which is the minimum percentage of net assets that must be invested in Highly Liquid Investments. Funds with HLIMs have procedures for addressing HLIM shortfalls, including reporting to the Board and the SEC (on a non-public basis) as required by the Program and the Liquidity Rule. In addition, the Fund may not acquire an investment if, immediately after the acquisition, over 15% of the Fund's net assets would consist of "Illiquid Investments" that are assets (an investment that cannot reasonably be expected to be sold or disposed of in current market conditions in seven calendar days or less without the sale or disposition significantly changing the market value of the investment). The Liquidity Rule and the Program also require reporting to the Board and the SEC (on a non-public basis) if a Fund's holdings of Illiquid Investments exceed 15% of the Fund's assets.

At a meeting held on March 17, 2023, the Committee presented a report to the Board that addressed the operation of the Program and assessed the Program's adequacy and effectiveness of implementation (the "Report"). The Report covered the period from January 1, 2022 through December 31, 2022 (the "Program Reporting Period"). The Report discussed notable events affecting liquidity over the Program Reporting Period, including the impact of the Russia-Ukraine War, and resulting sanctions, inflation concerns and the overall market. The Report noted that there were no material changes to the Program during the Program Reporting Period.

The Report stated, in relevant part, that during the Program Reporting Period:

- The Program, as adopted and implemented, remained reasonably designed to assess and manage the Fund's liquidity risk and was operated effectively to achieve that goal;
- The Fund's investment strategy remained appropriate for an open-end fund;
- The Fund was able to meet requests for redemption without significant dilution of remaining investors' interests in the Fund;
- The Fund did not breach the 15% limit on Illiquid Investments; and
- The Fund primarily held Highly Liquid Investments and therefore has not adopted an HLIM.

# Schedule of Investments (a)

June 30, 2023 (Unaudited)

	Shares	Value
Common Stocks & Other Equ	ity Interests	-64.87%
Aerospace & Defense-1.74%		
Raytheon Technologies Corp.	118,667	\$ 11,624,619
Textron, Inc.	123,900	8,379,357
		20,003,976
Apparel Retail-0.86%		
TJX Cos., Inc. (The)	116,385	9,868,284
Application Software-1.32%		
Salesforce, Inc. (b)	35,545	7,509,237
Splunk, Inc. <sup>(b)</sup>	72,690	7,711,682
		15,220,919
Asset Management & Custody E	Banks-0.90%	
KKR & Co., Inc., Class A	184,815	10,349,640
Automobile Manufacturers-1.28		· · ·
Automobile Manufacturers-1.28 General Motors Co.	381,586	14,713,956
defiel at Motor's Co.	301,300	14,713,930
Broadline Retail-1.14%		
Amazon.com, Inc. <sup>(b)</sup>	100,952	13,160,103
Building Products-1.41%		
Johnson Controls International PLC	237,637	16,192,585
Cable & Satellite-1.66%		
Charter Communications, Inc.,		
Class A <sup>(b)</sup>	22,345	8,208,883
Comcast Corp., Class A	261,222	10,853,774
		19,062,657
Casinos & Gaming-0.80%		
Las Vegas Sands Corp. <sup>(b)</sup>	158,064	9,167,712
Communications Equipment-1.1	0%	
Cisco Systems, Inc.	263,765	13,647,201
·	203,103	13,011,201
Consumer Finance-0.73%		
American Express Co.	48,392	8,429,886
Distillers & Vintners-0.86%		
Diageo PLC (United Kingdom)	231,463	9,928,823
Diversified Banks-4.92%		
Bank of America Corp.	682,837	19,590,594
PNC Financial Services Group, Inc.	002,031	17,370,374
(The)	69,024	8,693,573
Wells Fargo & Co.	661,318	28,225,052
		56,509,219
Electric Utilities-1.66%		
American Electric Power Co., Inc.	81,564	6,867,689
Exelon Corp.	148,621	6,054,820
FirstEnergy Corp.	159,772	6,211,935
		19,134,444
Electrical Components & Equipm	nent-0 63%	-
Emerson Electric Co.	79,580	7,193,236
2	17,500	1,173,230

	Shares	Value
Electronic Manufacturing Service	s-0.62%	
TE Connectivity Ltd.	51,022	\$ 7,151,243
Fertilizers & Agricultural Chemica	us-0 65%	
Corteva, Inc.	129,890	7,442,697
·	227/070	.,,
Food Distributors-1.66%	126.046	0.410.202
Sysco Corp. US Foods Holding Corp. (b)	126,946 218,523	9,419,393
os rodas notality corp.	210,323	9,615,012 19,034,405
		17,034,403
Gold-0.52%		
Barrick Gold Corp. (Canada)	356,184	6,030,195
Health Care Distributors-0.48%		
McKesson Corp.	12,863	5,496,489
Health Care Equipment-2.33%		
GE HealthCare Technologies, Inc. (b)	71,042	5,771,452
Medtronic PLC	149,299	13,153,242
Zimmer Biomet Holdings, Inc.	54,337	7,911,467
	3 1/2 3 1	26,836,161
Health Care Facilities-0.53%	20 524	( 070 500
Universal Health Services, Inc., Class B	38,534	6,079,509
Health Care Services-1.54%		
Cigna Group (The)	43,372	12,170,183
CVS Health Corp.	80,046	5,533,580
		17,703,763
Industrial Machinery & Supplies &	Components	s-1.85%
Parker-Hannifin Corp.	36,562	14,260,642
Stanley Black & Decker, Inc.	74,336	6,966,027
,	·	21,226,669
Insurance Brokers-1.01%	40.250	11 (22 000
Willis Towers Watson PLC	49,358	11,623,809
Integrated Oil & Gas-2.51%		
Chevron Corp.	63,718	10,026,027
Exxon Mobil Corp.	175,216	18,791,916
		28,817,943
Interactive Media & Services-1.4	7%	
Alphabet, Inc., Class A <sup>(b)</sup>	37,678	4,510,057
Meta Platforms, Inc., Class A <sup>(b)</sup>	43,232	12,406,719
		16,916,776
Investment Posting 9 Poster	1 750/	•
Investment Banking & Brokerage Charles Schwah Corp. (The)		7 500 647
Charles Schwab Corp. (The) Goldman Sachs Group, Inc. (The)	132,739 38,895	7,523,647 12,545,193
oordinan Sacris or oup, inc. (The)	30,093	20,068,840
		20,000,040
IT Consulting & Other Services-0	.73%	
Cognizant Technology Solutions Corp.,	120.000	0.407.470
Class A	129,082	8,426,473
Managed Health Care-1.25%		
Centene Corp. <sup>(b)</sup>	144,194	9,725,885

	Shares		Value		Shares		Value
Managed Health Care-(continued)				Wireless Telecommunication S	Services-1.06%		
Elevance Health, Inc.	10,415	\$	4,627,281	T-Mobile US, Inc. <sup>(b)</sup>	87,807	\$	12,196,392
			14,353,166	Total Common Stocks & Other Ed (Cost \$560,420,341)	quity Interests		745,638,029
Movies & Entertainment-0.78%				(0001 \$300, 120,311)	Principal		1 15,050,022
Walt Disney Co. (The) <sup>(b)</sup>	100,635		8,984,693		Amount		
Multi-line Insurance-1.40%				U.S. Dollar Denominated B	onds & Notes-2	20.4	9%
American International Group, Inc.	280,468		16,138,129	Advertising-0.05%			
				Omnicom Group, Inc./Omnicom Capital, Inc., 3.60%,			
Oil & Gas Exploration & Production ConocoPhillips	<b>n-3.02%</b> 194,003		20,100,651	04/15/2026	\$ 550,000		528,482
Devon Energy Corp.	111,834		5,406,056		, ,,,,,,,,		0=0,.0=
Pioneer Natural Resources Co.	44,402		9,199,206	Aerospace & Defense-0.22%			
Tioneer Natural Nessairees co.	11,102		34,705,913	Boeing Co. (The), 5.81%, 05/01/2050	1,625,000		1,620,447
	<b>==</b> 0/			Lockheed Martin Corp., 4.15%,	1,023,000		1,020,111
Oil & Gas Refining & Marketing-0.			6 EUE 202	06/15/2053	643,000		566,891
Phillips 66	68,205		6,505,393	Raytheon Technologies Corp., 4.45%, 11/16/2038	200 000		202 E07
Packaged Foods & Meats-0.65%				4.4370, 11/10/2030	308,000		283,597 2,470,935
Kraft Heinz Co. (The)	211,514		7,508,747				۷,410,733
Pharmaceuticals-5.54%				Agricultural Products & Servi	ces-0.02%		
Bristol-Myers Squibb Co.	186.658		11,936,779	Ingredion, Inc., 6.63%,	222.000		220 244
GSK PLC	317,017		5,600,005	04/15/2037	232,000		239,260
Johnson & Johnson	95,795		15,855,988	Air Freight & Logistics-0.05%			
Merck & Co., Inc.	127,699		14,735,188	FedEx Corp., 4.90%, 01/15/2034	402,000		393,345
Sanofi	145,054		15,550,227	United Parcel Service, Inc., 3.40%,	•		
			63,678,187	11/15/2046	240,000		186,631
D-11 Turn							579,976
Rail Transportation-1.05% CSX Corp.	353,385		12,050,428	Alternative Carriers-0.47%			
CSX COLD.	333,363		12,050,426	Liberty Latin America Ltd. (Puerto			
Real Estate Services-1.75%				Rico), Conv., 2.00%,			
CBRE Group, Inc., Class A <sup>(b)</sup>	249,556		20,141,665	07/15/2024	2,743,000		2,611,336
				Match Group Financeco 2, Inc.,			
Regional Banks-0.89%	200 404		10 102 022	Conv., 0.88%, 06/15/2026 <sup>(d)</sup>	1,583,000		1,426,616
Citizens Financial Group, Inc.	390,484		10,183,823	Match Group Financeco 3, Inc., Conv., 2.00%, 01/15/2030 <sup>(d)</sup>	1,560,000		1,407,858
Semiconductor Materials & Equipr	ment-0.88%				1,300,000		5,445,810
Lam Research Corp.	15,766		10,135,331				3,443,010
Semiconductors-1.98%				Application Software-1.18%			
Intel Corp.	228,205		7,631,175	Dropbox, Inc., Conv., 0.00%,	F 220 000		E 050 700
Micron Technology, Inc.	100,404		6,336,497	03/01/2026 <sup>(e)</sup>	5,339,000		5,058,703
NXP Semiconductors N.V. (China)	43,003		8,801,854	Salesforce, Inc., 2.70%, 07/15/2041	1,413,000		1,039,189
• • • • • • • • • • • • • • • • • • • •	,		22,769,526	Splunk, Inc., Conv., 1.13%,	-, - = 5,000		,==>,==>,
Consists Chambridge 2 700'			· · ·	06/15/2027	7,967,000		6,911,373
Specialty Chemicals-0.59%	04366		(7242(2	Workday, Inc., 3.50%,	F20 000		F00 704
DuPont de Nemours, Inc.	94,266		6,734,363	04/01/2027	528,000		500,731
Systems Software-0.71%							13,509,996
Oracle Corp.	68,579		8,167,073	Asset Management & Custody	/ Banks-0.53%		
Tobacco-1.26%				Apollo Management Holdings L.P.,	2.755.222		2 (0 ( 20 :
Philip Morris International, Inc.				4.00%, 05/30/2024 <sup>(d)</sup>	2,755,000		2,694,091
(Switzerland)	148,162		14,463,574	BlackRock, Inc., 4.75%, 05/25/2033	1,341,000		1,318,763
Trading Companies 9 Distributors	-1 3204			Brookfield Corp. (Canada), 4.00%,	1,5 11,000		1,010,100
Trading Companies & Distributors Ferguson PLC <sup>(c)</sup>	96,301		15,149,110	01/15/2025	445,000		431,853
	<u> </u>			KKR Group Finance Co. III LLC,			
Transaction & Payment Processin	-	1.429	%	5.13%, 06/01/2044 <sup>(d)</sup>	372,000		322,366
Fiserv, Inc. <sup>(b)</sup>	81,354		10,262,807	KKR Group Finance Co. XII LLC, 4.85%, 05/17/2032 <sup>(d)</sup>	1,364,000		1,286,615
PayPal Holdings, Inc. (b)	90,995		6,072,096	7.03 /0, 03/11/2032	1,304,000		6,053,688
			16,334,903				0,033,000

Automobile Manufacturers-0.12%		Principal Amount	Value
Od/01/2036   \$ 377,000   \$ 387,432	Cable & Satellite-(continued)		
Honda Motor Co. Ltd. (Japan), 2.97%, 03/10/2032 <sup>(c)</sup> 1,138,000 1,009,040	Liberty Broadband Corp., Conv.,		
Biotechnology-1.19%   AbbVie, Inc.,	3.13%, 04/06/2026 <sup>(d)(f)</sup>	\$ 3,270,000	\$ 3,206,235
Biotechnology-1.19%			13,555,422
Biotechnology-1.19%	Commercial & Residential Mort	gage Finance-0.	06%
AbbVie, Inc., 4.50%, 05/14/2035 694,000 659,762 4.05%, 11/21/2039 1,322,000 1,151,676 4.85%, 06/15/2044 264,000 246,259 Alnylam Pharmaceuticals, Inc., Conv., 1.00%, 09/15/2027(d) 3,310,000 3,173,865 Halozyme Therapeutics, Inc., Conv., 0.25%, 03/01/2027 4,655,000 3,889,562 1.00%, 08/15/2028(d) 559,000 511,485 Jazz Investments I Ltd., Conv., 2.00%, 06/15/2026 1,556,000 1,589,065 Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024 1,875,000 2,404,687 13,626,361 Brewers-0.23% Anheuser-Busch Inßev Worldwide, Inc. (Belgium), 4.70%, 02/01/2036 959,000 933,431 4,90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3.50%, 01/29/2028(d) 945,000 899,802 Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524 2,660,425 Broadcasting-0.03% Paramount Global, 4.00%, 01/15/2026 367,000 9,191 2,88%, 05/12/2041 2,306,000 1,780,281 1,789,472 Cable & Satellite-1.18% Cable One, Inc., Conv., 0.00%, 03/15/2028 2,850,000 2,158,875 Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4,91%, 07/23/2025 550,000 539,521 Comcast Corp., 3,15%, 03/01/2026(c) 1,101,000 1,054,989 4,15%, 10/15/2028 935,000 906,379	Aviation Capital Group LLC, 4.88%,		
4.50%, 05/14/2035	10/01/2025 <sup>(d)</sup>	709,000	677,064
4.05%, 11/21/2039	Commodity Chemicals-0.03%		
A.85%, 0.6/15/2044	LYB Finance Co. B.V. (Netherlands),		
Alnylam Pharmaceuticals, Inc., Conv., 1.00%, 09/15/2027 <sup>(d)</sup> Halozyme Therapeutics, Inc., Conv., 0.25%, 03/01/2027 4,655,000 3.889,562 1.00%, 08/15/2028 <sup>(d)</sup> 559,000 511,485  Jazz Investments I Ltd., Conv., 2.00%, 06/15/2026 1,556,000 1,589,065  Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024 1,875,000 2,404,687 13,626,361  Brewers-0.23%  Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4,70%, 02/01/2036 959,000 933,431 4,90%, 02/01/2046 538,000 514,668  Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524 2,660,425  Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2,88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	8.10%, 03/15/2027 <sup>(d)</sup>	339,000	366,240
Conv., 1.00%, 09/15/2027 <sup>(d)</sup> 3,310,000         3,173,865           Halozyme Therapeutics, Inc., Conv., 0.25%, 03/01/2027         4,655,000         3,889,562           1.00%, 08/15/2028 <sup>(d)</sup> 559,000         511,485           Jazz Investments I Ltd., Conv., 2.00%, 06/15/2026         1,556,000         1,589,065           Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024         1,875,000         2,404,687           Brewers-0.23%           Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4,70%, 02/01/2036         959,000         933,431           4.90%, 02/01/2046         538,000         514,668           Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000         899,802           Molson Coors Beverage Co., 4.20%, 07/15/2046         377,000         312,524           Broadcasting-0.03%           Paramount Global, 4.00%, 01/15/2026         367,000         349,462           Broadline Retail-0.16%           Amazon.com, Inc., 4.80%, 12/05/2034         9,000         9,191           2.88%, 05/12/2041         2,306,000         1,780,281           1.789,472         1.38%, 03/15/2028         2,850,000         2,158,875           Charter Communications Operating Capital Corp., 4,91%, 07/23/2025         550,000         539,521	Computer & Floatronics Datail	0.100/	_
Halozyme Therapeutics, Inc., Conv., 0.25%, 03/01/2027 4,655,000 3,889,562 1.00%, 08/15/2028 <sup>(d)</sup> 559,000 511,485 Jazz Investments I Ltd., Conv., 2.00%, 06/15/2026 1,556,000 1,589,065 Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024 1,875,000 2,404,687 13,626,361 Brewers-0.23% Anheuser-Busch Cos. LLC/Anheuser-Busch lnBev Worldwide, Inc. (Belgium), 4,70%, 02/01/2036 959,000 933,431 4,90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802 Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524 2,660,425 Broadcasting-0.03% Paramount Global, 4.00%, 01/15/2026 367,000 349,462 Broadline Retail-0.16% Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472 Cable & Satellite-1.18% Cable One, Inc., Conv., 0.00%, 03/15/2026 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875 Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521 Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Computer & Electronics Retail- Dell International LLC/EMC Corp.,	0.19%	
0.25%, 0.3/01/2027         4,655,000         3,889,562           1.00%, 0.8/15/2026 <sup>(d)</sup> 559,000         511,485           Jazz Investments I Ltd., Conv., 2.00%, 0.6/15/2026         1,556,000         1,589,065           Neurocrine Biosciences, Inc., Conv., 2.25%, 0.5/15/2024         1,875,000         2,404,687           Brewers-0.23%           Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4.70%, 0.2/01/2036         959,000         933,431           4.90%, 0.2/01/2046         538,000         514,668           Heineken N.V. (Netherlands), 3.50%, 0.1/29/2028 <sup>(d)</sup> 945,000         899,802           Molson Coors Beverage Co., 4.20%, 07/15/2046         377,000         312,524           Broadcasting-0.03%           Paramount Global, 4.00%, 01/15/2026         367,000         349,462           Broadline Retail-0.16%           Amazon.com, Inc., 4.80%, 12/05/2034         9,000         9,191           2.88%, 05/12/2041         2,306,000         1,780,281           T.789,472         1.13%, 03/15/2026 <sup>(e)</sup> 5,466,000         4,495,785           1.13%, 03/15/2028         2,850,000         2,158,875           Charter Communications Operating Capital Corp., 4,91%, 07/23/2025         550,000         539,521           Comeast Corp., 3,	6.02%, 06/15/2026	2,125,000	2,160,848
1.00%, 08/15/2028(d)   559,000   511,485	8.35%, 07/15/2046	4,000	4,910
Jazz Investments I Ltd., Conv., 2.00%, 06/15/2026		·	2,165,758
2.00%, 06/15/2026 1,556,000 1,589,065  Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024 1,875,000 2,404,687  13,626,361  Brewers-0.23%  Anheuser-Busch Cos. LLC/Anheuser- Busch InBev Worldwide, Inc. (Belgium), 4.70%, 02/01/2036 959,000 933,431 4.90%, 02/01/2046 538,000 514,668  Heineken N.V. (Netherlands), 3.50%, 01/29/2028(d) 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524  Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026(e) 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating LLC/Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4,91%, 0.7/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026(c) 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379			
Neurocrine Biosciences, Inc., Conv., 2.25%, 05/15/2024	Consumer Finance-0.32%		
Brewers-0.23%	American Express Co., 3.38%, 05/03/2024	2.490.000	2,442,216
Brewers-0.23% Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4.70%, 02/01/2036 959,000 933,431 4.90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802 Moison Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524  Z,660,425  Broadcasting-0.03% Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16% Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18% Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	3.63%, 12/05/2024 <sup>(c)</sup>	324,000	314,853
Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4,70%, 02/01/2036 959,000 933,431 4,90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3,50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524  2,660,425   Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4,91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	General Motors Financial Co., Inc.,	324,000	314,033
Anheuser-Busch Cos. LLC/Anheuser-Busch InBev Worldwide, Inc. (Belgium), 4,70%, 02/01/2036 959,000 933,431 4,90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3,50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524  2,660,425   Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4,91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	5.25%, 03/01/2026	480,000	472,918
Busch InBev Worldwide, Inc. (Belgium), 4.70%, 02/01/2036 959,000 933,431 4.90%, 02/01/2046 538,000 514,668 Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524   Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462   Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4,91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Synchrony Financial, 3.95%,		
(Belgium), 4.70%, 02/01/2036 959,000 933,431 4.90%, 02/01/2046 Heineken N.V. (Netherlands), 3.50%, 01/29/2028(d) 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524 2,660,425  Broadcasting-0.03% Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026(e) 1,13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026(c) 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	12/01/2027	556,000	485,001
Heineken N.V. (Netherlands), 3.50%, 01/29/2028(d) 945,000 899,802			3,714,988
Heineken N.V. (Netherlands), 3.50%, 01/29/2028 <sup>(d)</sup> 945,000 899,802  Molson Coors Beverage Co., 4.20%, 07/15/2046 377,000 312,524  2,660,425   Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462   Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Consumer Staples Merchandis	Retail-0 15%	
3.50%, 01/29/2028 <sup>(d)</sup>   945,000   899,802	Dollar General Corp., 4.25%,	: Netall 0.1370	
Molson Coors Beverage Co., 4.20%, 07/15/2046         377,000         312,524           Broadcasting-0.03%           Paramount Global, 4.00%, 01/15/2026         367,000         349,462           Broadline Retail-0.16%           Amazon.com, Inc., 4.80%, 12/05/2034         9,000         9,191           2.88%, 05/12/2041         2,306,000         1,780,281           1,789,472           Cable & Satellite-1.18%           Cable One, Inc., Conv., 0.00%, 03/15/2026(e)         5,466,000         4,495,785           1.13%, 03/15/2028         2,850,000         2,158,875           Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025         550,000         539,521           Comcast Corp., 3.15%, 03/01/2026(c)         1,101,000         1,054,989           4.15%, 10/15/2028         935,000         906,379	09/20/2024	1,810,000	1,775,749
O7/15/2046         377,000         312,524           2,660,425         2,660,425           Broadcasting-0.03%           Paramount Global, 4.00%, 01/15/2026         367,000         349,462           Broadline Retail-0.16%           Amazon.com, Inc., 4.80%, 12/05/2034         9,000         9,191           2.88%, 05/12/2041         2,306,000         1,780,281           1,789,472         1,789,472           Cable & Satellite-1.18%           Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000         4,495,785           1.13%, 03/15/2028         2,850,000         2,158,875           Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025         550,000         539,521           Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000         1,054,989           4.15%, 10/15/2028         935,000         906,379	D: ::: 1.D. 1. 1.150/		
## Broadcasting-0.03%  Paramount Global, 4.00%, 01/15/2026 367,000 349,462  ## Broadline Retail-0.16%  ## Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  ## Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  ## Comcast Corp., 3.15%, 03/01/2026(c) 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Diversified Banks-1.15%		
Broadcasting-0.03% Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16% Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18% Cable One, Inc., Conv., 0.00%, 03/15/2026 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Bank of America Corp., 3.25%, 10/21/2027	525,000	489,497
Paramount Global, 4.00%, 01/15/2026 367,000 349,462  Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	2.57%, 10/20/2032 <sup>(g)</sup>	874,000	712,210
Broadline Retail-0.16%           Amazon.com, Inc., 4.80%, 12/05/2034         9,000         9,191           2.88%, 05/12/2041         2,306,000         1,780,281           Loone, Inc., Conv., 0.00%, 03/15/2026(e)         5,466,000         4,495,785           1.13%, 03/15/2028         2,850,000         2,158,875           Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025         550,000         539,521           Comcast Corp., 3.15%, 03/01/2026(c)         1,101,000         1,054,989           4.15%, 10/15/2028         935,000         906,379	BBVA Bancomer S.A. (Mexico),	011,000	712,210
Broadline Retail-0.16%  Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026(e) 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026(c) 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	4.38%, 04/10/2024 <sup>(d)</sup>	700,000	689,800
Amazon.com, Inc., 4.80%, 12/05/2034 9,000 9,191 2.88%, 05/12/2041 2,306,000 1,780,281 1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Citigroup, Inc.,		
4.80%, 12/05/2034       9,000       9,191         2.88%, 05/12/2041       2,306,000       1,780,281         1,789,472     Cable & Satellite-1.18%  Cable One, Inc.,        Conv.,	4.00%, 08/05/2024	60,000	58,789
2.88%, 05/12/2041 2,306,000 1,780,281  1,789,472  Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785  1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989  4.15%, 10/15/2028 935,000 906,379	3.67%, 07/24/2028 <sup>(c)(g)</sup>	511,000	478,086
Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	6.68%, 09/13/2043	741,000	799,166
Cable & Satellite-1.18%  Cable One, Inc., Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785 1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	5.30%, 05/06/2044	228,000	211,106
$\begin{array}{c} \text{Cable One, Inc.,} \\ \text{Conv.,} \\ 0.00\%,  03/15/2026^{(e)} & 5,466,000 & 4,495,785 \\ \hline 1.13\%,  03/15/2028 & 2,850,000 & 2,158,875 \\ \hline \text{Charter Communications} \\ \text{Operating LLC/Charter} \\ \text{Communications Operating} \\ \text{Capital Corp.,} & 4.91\%, \\ \hline 07/23/2025 & 550,000 & 539,521 \\ \hline \text{Comcast Corp.,} \\ \hline 3.15\%,  03/01/2026^{(c)} & 1,101,000 & 1,054,989 \\ \hline 4.15\%,  10/15/2028 & 935,000 & 906,379 \\ \hline \end{array}$	4.75%, 05/18/2046	356,000	305,057
$\begin{array}{c} \text{Cable One, Inc.,} \\ \text{Conv.,} \\ 0.00\%,  03/15/2026^{(e)} & 5,466,000 & 4,495,785 \\ \hline 1.13\%,  03/15/2028 & 2,850,000 & 2,158,875 \\ \hline \text{Charter Communications} \\ \text{Operating LLC/Charter} \\ \text{Communications Operating} \\ \text{Capital Corp.,} & 4.91\%, \\ \hline 07/23/2025 & 550,000 & 539,521 \\ \hline \text{Comcast Corp.,} \\ \hline 3.15\%,  03/01/2026^{(c)} & 1,101,000 & 1,054,989 \\ \hline 4.15\%,  10/15/2028 & 935,000 & 906,379 \\ \hline \end{array}$	HSBC Holdings PLC (United Kingdom), 2.63%, 11/07/2025 <sup>(g)</sup>	1,775,000	1,686,882
Conv., 0.00%, 03/15/2026 <sup>(e)</sup> 5,466,000 4,495,785  1.13%, 03/15/2028 2,850,000 2,158,875  Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	JPMorgan Chase & Co.,	1,110,000	1,000,002
1.13%, 03/15/2028       2,850,000       2,158,875         Charter Communications <ul> <li>Operating LLC/Charter</li> <li>Communications Operating</li> <li>Capital Corp., 4.91%,</li> <li>07/23/2025</li> <li>550,000</li> <li>539,521</li> </ul> Comcast Corp.,     3.15%, 03/01/2026(c)           4.15%, 10/15/2028         935,000         906,379	3.20%, 06/15/2026	394,000	375,659
Charter Communications     Operating LLC/Charter     Communications Operating     Capital Corp., 4.91%,     O7/23/2025 550,000 539,521  Comcast Corp.,     3.15%, 03/01/2026(c) 1,101,000 1,054,989     4.15%, 10/15/2028 935,000 906,379	3.51%, 01/23/2029 <sup>(g)</sup>	1,058,000	978,940
Operating LLC/Charter Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	4.26%, 02/22/2048 <sup>(g)</sup>	489,000	422,547
Communications Operating Capital Corp., 4.91%, 07/23/2025 550,000 539,521  Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989  4.15%, 10/15/2028 935,000 906,379	3.90%, 01/23/2049 <sup>(g)</sup>	1,058,000	856,558
Capital Corp., 4.91%,     550,000     539,521       Comcast Corp.,     3.15%, 03/01/2026(c)     1,101,000     1,054,989       4.15%, 10/15/2028     935,000     906,379	Mizuho Financial Group Cayman 3		
Comcast Corp., 3.15%, 03/01/2026 <sup>(c)</sup> 1,101,000 1,054,989 4.15%, 10/15/2028 935,000 906,379	Ltd. (Japan), 4.60%, 03/27/2024 <sup>(d)</sup>	200,000	197,383
3.15%, 03/01/2026(c)       1,101,000       1,054,989         4.15%, 10/15/2028       935,000       906,379	PNC Financial Services Group, Inc.	200,000	171,303
4.15%, 10/15/2028 935,000 906,379	(The), 3.45%, 04/23/2029	689,000	620,966
	Societe Generale S.A. (France),	,	
2.00% 02/01/2020 756.000 (57.55)	5.00%, 01/17/2024 <sup>(d)</sup>	735,000	726,232
3.90%, 03/01/2038 756,000 657,556 2.89%, 11/01/2051 352,000 236,200	U.S. Bancorp, Series W, 3.10%,	2 227 222	
2.89%, 11/01/2051 352,000 236,200 2.94%, 11/01/2056 265,000 172,761	04/27/2026 <sup>(c)</sup>	2,097,000	1,960,792
2.94%, 11/01/2036 263,000 172,761 Cox Communications, Inc., 2.95%,			
10/01/2050 <sup>(d)</sup> 202,000 127,121			

	Principal Amount	Value		Principal Amount	Value
Diversified Banks-(continued)			Health Care REITs-0.15%		
Wells Fargo & Co.,			Welltower OP LLC, Conv., 2.75%,	* . ===	
3.55%, 09/29/2025	\$ 626,000	\$ 600,258	05/15/2028 <sup>(d)</sup>	\$ 1,733,000	1,754,663
4.10%, 06/03/2026 4.65%, 11/04/2044	505,000 647.000	484,722	Health Care Services-0.13%		
4.05%, 11/04/2044	647,000	549,620 13,204,270	Cigna Group (The), 4.80%,		
		13,204,210	08/15/2038	307,000	290,124
Diversified Financial Services-	0.03%		CVS Health Corp., 3.38%, 08/12/2024	361,000	351,966
AerCap Ireland Capital DAC/AerCap Global Aviation Trust (Ireland),			Laboratory Corp. of America	301,000	331,700
3.85%, 10/29/2041	410,000	311,811	Holdings, 4.70%, 02/01/2045	263,000	228,295
	2001	<u> </u>	NXP B.V./NXP Funding LLC (China),	(7( 000	(71 721
<b>Diversified Metals &amp; Mining-0.0</b> Rio Tinto Finance (USA) Ltd.	02%		5.35%, 03/01/2026	676,000	671,721
(Australia), 7.13%, 07/15/2028	182,000	200,986			1,542,106
	102,000	200,700	Health Care Supplies-0.07%		
Diversified REITs-0.07%			Lantheus Holdings, Inc., Conv.,	500.000	
CubeSmart L.P., 2.50%, 02/15/2032 <sup>(c)</sup>	1,063,000	842,315	2.63%, 12/15/2027 <sup>(d)</sup>	598,000	777,754
	1,005,000	042,313	Health Care Technology-0.07%	)	
Drug Retail-0.07%			NextGen Healthcare, Inc., Conv.,		
CVS Pass-Through Trust, 6.04%, 12/10/2028	421,015	417,673	3.75%, 11/15/2027 <sup>(d)</sup>	851,000	829,300
Walgreens Boots Alliance, Inc.,	421,015	411,013	Home Improvement Retail-0.04	1%	
4.50%, 11/18/2034	428,000	380,419	Lowe's Cos., Inc., 4.25%,		
		798,092	04/01/2052	497,000	405,983
F11			Hotels, Resorts & Cruise Lines-	-0.42%	
Electric Utilities-1.17% Electricite de France S.A. (France),			Airbnb, Inc., Conv., 0.00%,		
4.88%, 01/22/2044 <sup>(d)</sup>	846,000	699,251	03/15/2026 <sup>(e)</sup>	4,881,000	4,268,434
FirstEnergy Corp., Conv., 4.00%,		· · ·	Booking Holdings, Inc., Conv.,	207.000	505 505
05/01/2026 <sup>(d)</sup>	4,898,000	4,898,000	0.75%, 05/01/2025	396,000	595,505
Georgia Power Co., Series B, 3.70%, 01/30/2050	350,000	268,416			4,863,939
National Rural Utilities Cooperative	330,000	200,410	Industrial Conglomerates-0.129	%	
Finance Corp., 2.75%,			Honeywell International, Inc.,	1 462 000	1 421 050
04/15/2032 <sup>(c)</sup>	1,227,000	1,022,947	4.50%, 01/15/2034 <sup>(c)</sup>	1,463,000	1,431,959
NextEra Energy Capital Holdings, Inc., 3.55%, 05/01/2027	530.000	499,668	Industrial Machinery & Supplies	& Components-0	.26%
PPL Capital Funding, Inc., Conv.,	330,000	477,000	John Bean Technologies Corp.,	0.457.000	0.010.000
2.88%, 03/15/2028 <sup>(d)</sup>	4,929,000	4,731,840	Conv., 0.25%, 05/15/2026	3,157,000	3,010,200
PPL Electric Utilities Corp., 6.25%,			Insurance Brokers-0.02%		
05/15/2039 Vaci Francis Inc.	46,000	50,420	Willis North America, Inc., 3.60%,		
Xcel Energy, Inc., 0.50%, 10/15/2023	566,000	557,666	05/15/2024	233,000	227,415
3.50%, 12/01/2049	964,000	700,394	Integrated Oil & Gas-0.37%		
		13,428,602	BP Capital Markets America, Inc.,		
	1.0.000/	· · · · ·	2.94%, 06/04/2051	991,000	677,521
Electrical Components & Equip Rockwell Automation, Inc., 1.75%,	ment-0.02%		Chevron Corp., 2.95%, 05/16/2026	952,000	906,555
08/15/2031	307,000	247,786	Exxon Mobil Corp.,	732,000	700,333
			2.71%, 03/06/2025	549,000	527,199
Financial Exchanges & Data-0.		170.005	3.04%, 03/01/2026	1,098,000	1,049,934
Nasdaq, Inc., 5.95%, 08/15/2053	166,000	170,085	Shell International Finance B.V.		
Health Care Equipment-0.49%			(Netherlands), 3.25%, 05/11/2025	1,098,000	1,061,663
Becton, Dickinson and Co., 4.88%,	100.000	272 272		2,070,000	4,222,872
05/15/2044	428,000	379,253			.,,
Integra LifeSciences Holdings Corp., Conv., 0.50%, 08/15/2025	4,244,000	3,895,992	Integrated Telecommunication	Services-0.33%	
Medtronic, Inc., 4.38%,	.,,,	3,0,0,7,2	AT&T, Inc., 4.30%, 02/15/2030	318,000	302,004
03/15/2035	249,000	239,385	3.50%, 09/15/2053	447,000	316,755
Tandem Diabetes Care, Inc., Conv.,	1 157 000	1 057 037	3.55%, 09/15/2055	157,000	110,026
1.50%, 05/01/2025 <sup>(d)</sup>	1,157,000	1,057,926	3.80%, 12/01/2057	255,000	184,831
		5,572,556			

	Principal Amount	Value		Principal Amount	Value
Integrated Telecommunication			Managed Health Care-0.25%	7	11.110
Telefonica Emisiones S.A. (Spain),			Humana, Inc., 0.65%, 08/03/2023	\$ 2,355,000	\$ 2,346,253
4.67%, 03/06/2038	\$ 750,000	\$ 635,476	UnitedHealth Group, Inc., 3.50%,		
5.21%, 03/08/2047	700,000	609,352	08/15/2039	559,000	469,392
Verizon Communications, Inc.,	1 20 1 000	1 240 006			2,815,645
3.38%, 02/15/2025	1,284,000	1,240,806	Movies & Entertainment-0.37%	6	
3.40%, 03/22/2041	561,000	433,325	Discovery Communications LLC,	•	
		3,832,575	4.90%, 03/11/2026	367,000	359,752
Interactive Home Entertainme	ent-0.03%		Liberty Media CorpLiberty Formula		
Take-Two Interactive Software, Inc.,			One, Conv., 2.25%,	207.000	220.462
3.70%, 04/14/2027	357,000	338,190	08/15/2027 <sup>(d)</sup>	297,000	320,463
Interactive Media & Services-	0.40%		TWDC Enterprises 18 Corp., 3.00%, 02/13/2026	367,000	350,730
Meta Platforms, Inc., 5.60%,	J. 40 70		Warnermedia Holdings, Inc.,	301,000	330,130
05/15/2053	1,368,000	1,405,973	3.79%, 03/15/2025	1,720,000	1,659,191
Snap, Inc., Conv., 0.75%,			5.05%, 03/15/2042	835,000	704,256
08/01/2026	3,098,000	2,869,523	5.14%, 03/15/2052	1,036,000	844,247
TripAdvisor, Inc., Conv., 0.25%, 04/01/2026	220 000	204 427			4,238,639
04/01/2026	338,000	284,427	Multi-line Insurance-0.05%		_
		4,559,923	Liberty Mutual Group, Inc., 3.95%,		
Internet Services & Infrastruc	ture-0.25%		05/15/2060 <sup>(d)</sup>	887,000	628,708
Shopify, Inc. (Canada), Conv.,				221/222	
0.13%, 11/01/2025	3,174,000	2,891,514	Multi-Utilities-0.08%		
Investment Banking & Brokera	age-1.65%		NiSource, Inc., 4.38%, 05/15/2047	571.000	486,812
Goldman Sachs Group, Inc. (The),	-gc =.0070		Sempra Energy, 3.80%,	371,000	400,012
4.25%, 10/21/2025	529,000	510,039	02/01/2038	559,000	463,798
2.91%, 07/21/2042 <sup>(g)</sup>	323,000	228,414		007/000	950,610
GS Finance Corp.,					750,010
Series 0003, Conv.,	E 050 000	< 122 707	Oil & Gas Exploration & Produc	tion-0.26%	
0.50%, 04/11/2028	5,859,000	6,133,787	Cameron LNG LLC, 3.70%,	(22,000	E14007
0.00%, 07/19/2029 <sup>(d)(e)</sup> 1.00%, 07/30/2029	5,880,000 5,873,000	5,797,680	01/15/2039 <sup>(d)</sup>	622,000	514,087
Morgan Stanley, 4.00%,	3,673,000	5,679,778	ConocoPhillips Co., 4.15%, 11/15/2034	230,000	209,975
07/23/2025	654,000	635,170	Northern Oil and Gas, Inc., Conv.,	230,000	207,713
		18,984,868	3.63%, 04/15/2029 <sup>(d)</sup>	2,005,000	2,246,044
					2,970,106
Life & Health Insurance-0.509	6		0.100 0.00 0.00 0.00	0.040/	
American Equity Investment Life Holding Co., 5.00%.			Oil & Gas Refining & Marketing	-0.04%	
06/15/2027	853.000	823,796	Valero Energy Corp., 4.00%, 06/01/2052	531.000	401,325
Athene Global Funding, 2.75%,	333,000	0207.70		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	101,023
06/25/2024 <sup>(d)</sup>	260,000	250,141	Oil & Gas Storage & Transporta	ntion-0.64%	
Brighthouse Financial, Inc., 3.85%,			Enbridge, Inc. (Canada), 5.97%,	412.000	412.712
12/22/2051	1,846,000	1,170,331	03/08/2026 Energy Transfer L.P.,	412,000	412,713
Delaware Life Global Funding, Series 21-1, 2.66%,			Series 5Y, 4.20%, 09/15/2023	1,724,000	1,717,702
06/29/2026 <sup>(d)</sup>	2,184,000	1,946,643	4.90%, 03/15/2035	344,000	315,835
Guardian Life Global Funding,	2,101,000	1,710,013	5.30%, 04/01/2044	587,000	509,661
2.90%, 05/06/2024 <sup>(d)</sup>	689,000	672,661	5.00%, 05/15/2050	724,000	612,241
Jackson National Life Global			Enterprise Products Operating LLC,	.,	,
Funding, 3.25%, 01/30/2024 <sup>(d)</sup>	453,000	445,589	6.45%, 09/01/2040	23,000	25,055
Nationwide Financial Services, Inc.,	440.000	272.000	4.25%, 02/15/2048	696,000	590,570
5.30%, 11/18/2044 <sup>(d)</sup>	440,000	373,889	Kinder Morgan, Inc.,		
Prudential Financial, Inc., 3.91%, 12/07/2047	141,000	112,676	4.30%, 06/01/2025	878,000	856,731
12/01/2071	141,000	5,795,726	5.30%, 12/01/2034	407,000	392,206
		3,173,120	MPLX L.P., 4.50%, 04/15/2038	810,000	698,063
Life Sciences Tools & Services	s-0.17%		Spectra Energy Partners L.P.,	400 000	402 702
Thermo Fisher Scientific, Inc.,			4.50%, 03/15/2045	488,000	402,703
1.22%, 10/18/2024	2,055,000	1,944,123	Texas Eastern Transmission L.P., 7.00%, 07/15/2032	169,000	187,900
			1.0070, 01/13/2032	107,000	101,700

	Principal Amount	Value		Principal Amount	Value
Oil & Gas Storage & Transporta	tion-(continued)	1	Rail Transportation-(continued	)	
Williams Cos., Inc. (The), 5.40%,			Canadian Pacific Railway Co.		
03/02/2026	\$ 658,000	\$ 656,535	(Canada), 3.00%, 12/02/2041	\$ 399,000	\$ 326,81
		7,377,915	Norfolk Southern Corp., 3.85%, 01/15/2024	1,405,000	1,389,71
Other Specialized REITs-0.12%	)		3.40%, 11/01/2049	461,000	340,53
EPR Properties, 4.75%,			Union Pacific Corp.,	101,000	3 10,33
12/15/2026	1,556,000	1,417,461	3.65%, 02/15/2024	92,000	90,91
Packaged Foods & Meats-0.01%	6		3.20%, 05/20/2041	1,018,000	801,47
Mead Johnson Nutrition Co. (United			4.15%, 01/15/2045	426,000	351,19
Kingdom), 4.13%, 11/15/2025	63,000	61,480	3.84%, 03/20/2060	519,000	413,74
		- 0.030/			4,447,30
Paper & Plastic Packaging Prod	ucts & Materials	5-0.02%	Reinsurance-0.07%		
International Paper Co., 6.00%, 11/15/2041	223,000	228,907	PartnerRe Finance B LLC, 3.70%,		
11/13/2011	223,000	220,701	07/02/2029	500,000	459,00
Passenger Airlines-0.30%			Reinsurance Group of America, Inc.,		
American Airlines Pass-Through			4.70%, 09/15/2023	352,000	351,15
Trust, Series 2014-1, Class A, 3.70%, 04/01/2028	239,982	216,100			810,16
JetBlue Airways Corp., Conv.,	237,702	210,100	Renewable Electricity-0.05%		
0.50%, 04/01/2026	1,732,000	1,431,072	Oglethorpe Power Corp., 4.55%,		
Spirit Airlines, Inc., Conv., 1.00%,			06/01/2044	679,000	538,94
05/15/2026	1,157,000	940,641			
United Airlines Pass-Through Trust,			Restaurants-0.06%		
Series 2012-1, Class A, 4.15%, 04/11/2024	236,133	232,165	Starbucks Corp., 3.55%, 08/15/2029	705,000	657,72
Series 2014-2, Class A, 3.75%,	230,133	232,103	00/13/2029	103,000	031,12
09/03/2026	305,971	287,642	Retail REITs-0.18%		
Series 2018-1, Class AA, 3.50%,			Kimco Realty OP LLC, 3.20%,		
03/01/2030	401,578	362,856	04/01/2032	1,500,000	1,244,67
		3,470,476	Regency Centers L.P.,	750,000	(44.05
Personal Care Products-0.06%		_	2.95%, 09/15/2029 4.65%, 03/15/2049	750,000 256,000	644,05 215,00
Kenvue, Inc., 5.05%,			4.03%, 03/13/2049	230,000	·
03/22/2053 <sup>(d)</sup>	714,000	729,452			2,103,73
	,		Self-Storage REITs-0.07%		
Pharmaceuticals-0.44%			Extra Space Storage L.P., 5.70%,		
Bayer US Finance II LLC (Germany), 4.38%, 12/15/2028 <sup>(d)</sup>	005 000	024 074	04/01/2028	368,000	367,97
Bristol-Myers Squibb Co., 4.13%,	985,000	934,874	LifeStorage L.P., 3.50%,	404.000	270.00
06/15/2039	621,000	566,769	07/01/2026	404,000	379,80
GlaxoSmithKline Capital, Inc. (United	022/000	3337.37			747,78
Kingdom), 6.38%, 05/15/2038	64,000	72,973	Semiconductors-0.89%		
Haleon US Capital LLC, 4.00%,			Broadcom, Inc., 3.47%,		
03/24/2052	315,000	262,075	04/15/2034 <sup>(d)</sup>	640,000	525,22
Pacira BioSciences, Inc., Conv., 0.75%, 08/01/2025	3,155,000	2,934,150	Marvell Technology, Inc., 2.45%,	1 210 000	1 057 20
Zoetis, Inc., 4.70%, 02/01/2043	333,000	310,110	04/15/2028 Microchip Technology, Inc., Conv.,	1,210,000	1,057,28
20613, 1116., 4.7070, 02/01/2043	333,000	5,080,951	0.13%, 11/15/2024	5,161,000	5,864,18
		3,000,931	Micron Technology, Inc.,	3/131/333	0,00.,120
Property & Casualty Insurance-	-0.14%		4.66%, 02/15/2030	680,000	641,58
Allstate Corp. (The), 3.28%,			3.37%, 11/01/2041	179,000	125,28
12/15/2026	302,000	284,498	Texas Instruments, Inc., 2.63%,		
Markel Group, Inc.,	251 000	207 240	05/15/2024	215,000	209,93
5.00%, 03/30/2043 5.00%, 05/20/2049	351,000 497,000	307,248 446,249	Wolfspeed, Inc., Conv., 1.88%, 12/01/2029 <sup>(d)</sup>	2 272 000	1 0 40 6
Travelers Cos., Inc. (The), 4.60%,	471,000	440,247	17/01/7073	2,372,000	1,840,67
08/01/2043	605,000	550,017			10,264,16
	222,000	1,588,012	Specialty Chemicals-0.01%		
		1,000,012	Sherwin-Williams Co. (The), 4.50%,		
Rail Transportation-0.39%			06/01/2047	159,000	139,34
Burlington Northern Santa Fe LLC,	705 000	700 000			
3.85%, 09/01/2023	735,000	732,908			

	Principal Amount	Value		Principal Amount	Value
Systems Software-0.22%			U.S. Treasury Bonds-1.319	%	
Microsoft Corp., 3.50%,			4.50%, 02/15/2036	\$ 2,636,800	\$ 2,848,208
02/12/2035	\$ 404,000	\$ 378,246	4.50%, 08/15/2039	36,400	39,156
<u>Oracle Corp., 3.60%, 04/01/2040</u>	965,000	746,968	4.38%, 05/15/2040	72,800	76,976
VMware, Inc., 1.00%, 08/15/2024	1,509,000	1,429,280	3.88%, 05/15/2043 <sup>(c)</sup>	8,198,800	8,001,516
		2,554,494	3.63%, 02/15/2053	4,246,000	4,076,160
Technology Distributors-0.06%					15,042,016
Avnet, Inc., 4.63%, 04/15/2026	671.000	652,108	II C T N-4 7 700	,	
AVIIEL, IIIC., 4.0370, 04/13/2020	071,000	032,100	U.S. Treasury Notes-7.79%		27,002,071
Technology Hardware, Storage &	Peripherals-0	.25%	4.25%, 05/31/2025	27,335,300	26,993,075
Apple, Inc., 3.35%, 02/09/2027	315,000	302,654	4.13%, 06/15/2026	29,059,500	28,768,90
Western Digital Corp., Conv., 1.50%,			3.63%, 05/31/2028	19,083,000	18,667,050
02/01/2024	2,649,000	2,581,450	3.75%, 05/31/2030	14,482,100	14,281,840
		2,884,104	3.38%, 05/15/2033	895,000	863,255
Telecom Tower REITs-0.17%					89,574,125
American Tower Corp., 1.60%,			Total U.S. Treasury Securitie	S	104 720 02
04/15/2026	852,000	764,545	(Cost \$105,822,405)		104,738,833
Crown Castle, Inc.,	032,000	104,545		Shares	
2.50%, 07/15/2031	1,413,000	1,161,918	Preferred Stocks-0.58%	1	
4.75%, 05/15/2047	46,000	39,625	Asset Management & Custo	ody Banks-0.20%	
0,0, 00, 10, 10	,	1,966,088	AMG Capital Trust II, 5.15%, Conv	v. Pfd. 44,432	2,252,258
		1,700,000	Oil 9 Coo Storono 9 Tronon		
Tobacco-0.21%			Oil & Gas Storage & Transp		
Altria Group, Inc., 5.80%,			El Paso Energy Capital Trust I, 4.7! Conv. Pfd.	5%, 95,499	4,435,929
02/14/2039	1,124,000	1,101,513	Total Preferred Stocks (Cost		6,688,18
			Total Preferred Stocks (Cost	\$3,001,920)	0,000,10
	260,000	266 276			
Philip Morris International, Inc., 3.60%, 11/15/2023	369,000	366,276		Principal	
3.60%, 11/15/2023 4.88%, 11/15/2043	1,102,000	366,276 986,144 2,453,933	U.S. Government Sponsor Securities-0.07%	Amount ored Agency Morto	
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor	1,102,000	986,144	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031	Amount  ored Agency Morto  ge Corp. (FHLMC)-0  \$ 682,000	<b>0.07%</b> 801,385
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp.,	1,102,000 rs-0.11%	986,144 2,453,933	Securities-0.07% Federal Home Loan Mortga	Amount ored Agency Morto ge Corp. (FHLMC)-0	<b>801,38</b> 5
3.60%, 11/15/2023 4.88%, 11/15/2043 <b>Trading Companies &amp; Distributor</b> Air Lease Corp., 3.00%, 09/15/2023	1,102,000 rs-0.11%	986,144 2,453,933 62,625	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031	Amount  ored Agency Morto  ge Corp. (FHLMC)-0  \$ 682,000	<b>0.07%</b> 801,385
3.60%, 11/15/2023 4.88%, 11/15/2043 <b>Trading Companies &amp; Distributor</b> Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024	1,102,000 rs-0.11% 63,000 427,000	986,144 2,453,933 62,625 416,983	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031	ge Corp. (FHLMC)-0 \$ 682,000	801,385 801,388
3.60%, 11/15/2023 4.88%, 11/15/2043 <b>Trading Companies &amp; Distributor</b> Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023	1,102,000 <b>Ps-0.11%</b> 63,000 427,000 771,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037	ge Corp. (FHLMC)-0 \$ 682,000	801,388 801,388 9-0.00%
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi	1,102,000 <b>Ps-0.11%</b> 63,000 427,000 771,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency	801,388 801,388 9- <b>0.00%</b>
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi Block, Inc., Conv., 0.13%,	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0	986,144 2,453,933 62,625 416,983 767,132 1,246,740	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency	801,388 801,388 9- <b>0.00%</b>
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency	801,388 801,388 9- <b>0.00%</b>
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi Block, Inc., Conv., 0.13%,	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares	801,388 801,388 9- <b>0.00%</b>
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32%	801,388 801,388 801,388 9-0.00%
3.60%, 11/15/2023 4.88%, 11/15/2043 Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023 Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%  Total Class, 5.05%  Invesco Government & Agency Por Institutional Class, 5.05%	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32%	801,388 801,388 9-0.00% 140 801,528
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V.	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30%	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053 5,437,613	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(1)(k) Invesco Liquid Assets Portfolio.	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c)	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency ies (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928	801,388 801,388 801,388 9-0.00% 140 801,528 13,365,893
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada),	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053 5,437,613	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.15%(ii)(k)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency ies (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893 9,545,882
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c)	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  4,032,560 1,405,053 5,437,613  527,299 443,116	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(i)(k)	Amount ored Agency Morto  ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency ies (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893 9,545,882 15,275,303
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2048	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000	986,144 2,453,933 62,625 416,983 767,132 1,246,740 4,032,560 1,405,053 5,437,613	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institut Class, 5.03%(i)(k)  Total Money Market Funds (C)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222)	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893 9,545,882 15,275,303
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc.,	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  9.47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institut Class, 5.03%(i)(k)  Total Money Market Funds (C	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 Cost \$38,187,222)	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893 9,545,882 15,275,303
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc., 2.70%, 03/15/2032	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000 1,074,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  9.47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institut Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 Cost \$38,187,222)	801,388 801,388 801,388 9-0.00% 14( 801,528 13,365,893 9,545,882 15,275,303
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc.,	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,405,053 5,437,613  527,299 443,116 1,087,752 887,842 535,989	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 Cost \$38,187,222)	801,385 801,386 801,386 9-0.00% 140 801,528 13,365,893 9,545,882 15,275,307
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024  Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025  Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048  T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  9.47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842	Securities-0.07% Federal Home Loan Mortga 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institut Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 Cost \$38,187,222)	801,385 801,386 801,386 9-0.00% 140 801,526 13,365,893 9,545,882 15,275,307 38,187,082
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842 535,989 3,481,998	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from securities on loan)-98.44% (Cost \$965,478,948)	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222) Seed	9.07%  801,385  801,386  801,386  801,386  140  801,528  13,365,893  9,545,882  15,275,307  38,187,082
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  vices-0.30% 600,000 533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,405,053 5,437,613  527,299 443,116 1,087,752 887,842 535,989	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institut Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from securities on loan)-98.44% (Cost \$965,478,948)  Investments Purchased	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222) Seed	13,365,893 9,545,882 15,275,307 38,187,082
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052  Total U.S. Dollar Denominated Bond (Cost \$254,602,128)	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  rvices-0.30% 600,000  533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842 535,989 3,481,998	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from securities on loan)-98.44% (Cost \$965,478,948)  Investments Purchased Securities on Loan	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency les (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222) Seed  with Cash Collater	9.07% 801,388 801,388 9-0.00% 140 801,528 13,365,893 9,545,882 15,275,307 38,187,082
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048  T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052  Total U.S. Dollar Denominated Bond (Cost \$254,602,128)  U.S. Treasury Securities-9.11	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  rvices-0.30% 600,000  533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842 535,989 3,481,998	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(ii)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(ii)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from securities on loan)-98.44% (Cost \$965,478,948)  Investments Purchased Securities on Loan Money Market Funds-0.909	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency ies (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222) Seed  with Cash Collater	9.07% 801,388 801,388 9-0.00% 140 801,528 13,365,893 9,545,882 15,275,307 38,187,082
3.60%, 11/15/2023 4.88%, 11/15/2043  Trading Companies & Distributor Air Lease Corp., 3.00%, 09/15/2023 4.25%, 09/15/2024 Aircastle Ltd., 4.40%, 09/25/2023  Transaction & Payment Processi Block, Inc., Conv., 0.13%, 03/01/2025 Fiserv, Inc., 3.80%, 10/01/2023  Wireless Telecommunication Ser America Movil S.A.B. de C.V. (Mexico), 4.38%, 07/16/2042(c) Rogers Communications, Inc. (Canada), 4.50%, 03/15/2043(c) 4.30%, 02/15/2048 T-Mobile USA, Inc., 2.70%, 03/15/2032 3.40%, 10/15/2052	1,102,000  rs-0.11%  63,000 427,000 771,000  ing Services-0 4,256,000 1,412,000  rvices-0.30% 600,000  533,000 1,394,000 1,074,000 750,000	986,144 2,453,933  62,625 416,983 767,132 1,246,740  1,47%  4,032,560 1,405,053 5,437,613  527,299  443,116 1,087,752 887,842 535,989 3,481,998	Securities-0.07% Federal Home Loan Mortgal 6.75%, 03/15/2031 5.50%, 02/01/2037  Federal National Mortgage 9.50%, 04/01/2030  Total U.S. Government Spons Mortgage-Backed Securiti  Money Market Funds-3.3 Invesco Government & Agency Por Institutional Class, 5.05%(i)(k) Invesco Liquid Assets Portfolio, Institutional Class, 5.15%(i)(k) Invesco Treasury Portfolio, Institutional Class, 5.03%(i)(k)  Total Money Market Funds (C TOTAL INVESTMENTS IN SECURITIES (excluding investments purchas with cash collateral from securities on loan)-98.44% (Cost \$965,478,948)  Investments Purchased Securities on Loan	Amount ored Agency Morto ge Corp. (FHLMC)-0 \$ 682,000 3  Association (FNMA) 138 sored Agency ies (Cost \$758,926) Shares 32% tfolio, 13,365,893 9,544,928 tional 15,275,307 cost \$38,187,222) Seed  with Cash Collater	9.07%  801,385  801,386  801,386  801,386  140  801,528  13,365,893  9,545,882  15,275,307  38,187,082

	Shares		Value
Money Market Funds-(continu	ied)		
Invesco Private Prime Fund, 5.23% (j)(k)(l)	7,421,962	\$	7,421,220
Total Investments Purchased wii from Securities on Loan (Cost			10,307,574
TOTAL INVESTMENTS IN SECURITIES-96 (Cost \$975,786,522)	9.34%	1,	141,802,328
OTHER ASSETS LESS LIABILITIES-0.66	%		7,599,380
NET ASSETS-100.00%		\$1,	149,401,708

#### Investment Abbreviations:

Conv. - Convertible

Pfd. - Preferred

REIT - Real Estate Investment Trust

## Notes to Schedule of Investments:

(a) Industry and/or sector classifications used in this report are generally according to the Global Industry Classification Standard, which was developed by and is the exclusive property and a service mark of MSCI Inc. and Standard & Poor's.

(b) Non-income producing security.

- (c) All or a portion of this security was out on loan at June 30, 2023.
- (d) Security purchased or received in a transaction exempt from registration under the Securities Act of 1933, as amended (the "1933 Act"). The security may be resold pursuant to an exemption from registration under the 1933 Act, typically to qualified institutional buyers. The aggregate value of these securities at June 30, 2023 was \$49,687,636, which represented 4.32% of the Fund's Net Assets.
- (e) Zero coupon bond issued at a discount.
- (f) Security has an irrevocable call by the issuer or mandatory put by the holder. Maturity date reflects such call or put.
- (g) Security issued at a fixed rate for a specific period of time, after which it will convert to a variable rate.
- (h) All or a portion of the value was pledged as collateral to cover margin requirements for open futures contracts. See Note 1L.
- Decurity traded on a discount basis. The interest rate shown represents the discount rate at the time of purchase by the Fund.
- 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 under common control of Invesco Ltd. The table below shows the Fund's transactions in, and earnings from, its investments in affiliates for the six months ended June 30, 2023.

	Value December 31, 2022	Purchases at Cost	Proceeds from Sales	Change in Unrealized Appreciation (Depreciation)	Realized Gain (Loss)	Value June 30 , 2023	Dividend Income
Investments in Affiliated Money Market Funds:							
Invesco Government & Agency Portfolio, Institutional Class	\$ 17,481,130	\$ 91,093,252	\$ (95,208,489)	\$ -	\$ -	\$13,365,893	\$ 377,832
Invesco Liquid Assets Portfolio, Institutional Class	12,486,521	65,066,608	(68,006,062)	(140)	(1,045)	9,545,882	274,895
Invesco Treasury Portfolio, Institutional Class	19,978,434	104,106,573	(108,809,700)	-	-	15,275,307	431,186
Investments Purchased with Cash Collateral from Securities on Loan:							
Invesco Private Government Fund	24,449,135	124,600,318	(146,163,099)	-	-	2,886,354	176,286*
Invesco Private Prime Fund	62,858,030	306,862,090	(362,278,336)	(553)	(20,011)	7,421,220	491,375*
Total	\$137,253,250	\$691,728,841	\$(780,465,686)	\$(693)	\$(21,056)	\$48,494,656	\$1,751,574

<sup>\*</sup> Represents the income earned on the investment of cash collateral, which is included in securities lending income on the Statement of Operations. Does not include rebates and fees paid to lending agent or premiums received from borrowers, if any.

(k) The rate shown is the 7-day SEC standardized yield as of June 30, 2023.

**Open Futures Contracts** 

Short Futures Contracts	Number of Contracts	Expiration Month	Notional Value	Value	Unrealized Appreciation
Interest Rate Risk					
U.S. Treasury 5 Year Notes	9	September-2023	\$ (963,844)	\$19,055	\$19,055
U.S. Treasury 10 Year Ultra Notes	29	September-2023	(3,434,687)	39,411	39,411
Total Futures Contracts				\$58,466	\$58,466

<sup>(1)</sup> The security has been segregated to satisfy the commitment to return the cash collateral received in securities lending transactions upon the borrower's return of the securities loaned. See Note 11.

## Open Forward Foreign Currency Contracts

Settlement		Contr	Contract to				
Date	Counterparty	Deliver	Receive	Unrealized Appreciation			
Currency Risk							
07/28/2023	Bank of New York Mellon (The)	EUR 10,660,207	USD 11,694,396	\$48,920			
07/28/2023	State Street Bank & Trust Co.	GBP 9,097,411	USD 11,593,695	38,115			
Total Forwa	ard Foreign Currency Contracts			\$87,035			

Abbreviations:

EUR - Euro

GBP - British Pound Sterling

USD - U.S. Dollar

# **Portfolio Composition**

By security type, based on Net Assets as of June 30, 2023

Common Stocks & Other Equity Interests	64.87%
U.S. Dollar Denominated Bonds & Notes	20.49
U.S. Treasury Securities	9.11
Security Types Each Less Than 1% of Portfolio	0.65
Money Market Funds Plus Other Assets Less Liabilities	4.88

# Statement of Assets and Liabilities

June 30, 2023 (Unaudited)

## Assets:

735663.		
Investments in unaffiliated securities, at value	Ċ 1	002 207 (72
(Cost \$927,291,726)*	\$1	.,093,307,672
Investments in affiliated money market funds, at value (Cost \$48,494,796)		48,494,656
Other investments:		
Unrealized appreciation on forward foreign currency		07.025
contracts outstanding		87,035
Cash		11,967,971
Foreign currencies, at value (Cost \$4,211)		4,217
Receivable for: Investments sold		1,877,155
Fund shares sold		3,048,509
Dividends		1,098,144
Interest		1,977,320
Investment for trustee deferred compensation and		1,911,320
retirement plans		125,638
Other assets		784
Total assets	1	,161,989,101
Liabilities:		
Other investments:		
Variation margin payable – futures contracts		8,591
Payable for:		· · · · · ·
Ínvestments purchased		1,084,573
Fund shares reacquired		377,463
Collateral upon return of securities loaned		10,307,574
Accrued fees to affiliates		610,014
Accrued other operating expenses		60,479
Trustee deferred compensation and retirement plans		138,699
Total liabilities		12,587,393
Net assets applicable to shares outstanding	\$1	,149,401,708
Net assets consist of:		
Shares of beneficial interest	Ś	893,177,209
Distributable earnings		256,224,499
biotributable curmings	\$1	,149,401,708
Net Assets:		
Series I	\$	69,697,914
Series II		,079,703,794
301103 11	<u> </u>	,017,100,174

# Shares outstanding, no par value, with an unlimited number of shares authorized:

Series I	4,159,668
Series II	64,974,672
Series I: Net asset value per share	\$ 16.76
Series II: Net asset value per share	\$ 16.62

At June 30, 2023, securities with an aggregate value of \$10,103,604 were on loan to brokers.

# **Statement of Operations**

For the six months ended June 30, 2023 (Unaudited)

## Investment income:

investment income:	
Interest	\$ 5,702,317
Dividends (net of foreign withholding taxes of \$115,840)	8,331,361
Dividends from affiliated money market funds (includes net securities lending income of \$40,699)	1,124,612
Total investment income	15,158,290
Funances	
Expenses: Advisory fees	2 120 7F1
Administrative services fees	2,139,751
Custodian fees	924,055 5,274
Distribution fees - Series II	1,307,258
Transfer agent fees	27,713
Trustees' and officers' fees and benefits	10,431
Reports to shareholders	3,725
Professional services fees	33.837
Other	7,521
Total expenses	4,459,565
Less: Fees waived	(27,969)
	4,431,596
Net expenses	
Net investment income	10,726,694
Realized and unrealized gain (loss) from:	
Net realized gain (loss) from:	
Unaffiliated investment securities	19,980,151
Affiliated investment securities	(21,056)
Foreign currencies	66,469
Forward foreign currency contracts	(464,788)
Futures contracts	16,080
	19,576,856
Change in net unrealized appreciation (depreciation) of:	
Unaffiliated investment securities	6,546,488
Affiliated investment securities	(693)
Foreign currencies	(4,976)
Forward foreign currency contracts	(170,626)
Futures contracts	57,916
	6,428,109
Net realized and unrealized gain	26,004,965
Net increase in net assets resulting from operations	\$36,731,659

# **Statement of Changes in Net Assets**For the six months ended June 30, 2023 and the year ended December 31, 2022

(Unaudited)

	June 30, 2023	December 31, 2022
Operations:		
Net investment income	\$ 10,726,694	\$ 18,095,869
Net realized gain	19,576,856	56,359,268
Change in net unrealized appreciation (depreciation)	6,428,109	(176,403,488)
Net increase (decrease) in net assets resulting from operations	36,731,659	(101,948,351)
Distributions to shareholders from distributable earnings:		
Series I	-	(11,036,488)
Series II	-	(157,488,383)
Total distributions from distributable earnings	-	(168,524,871)
Share transactions-net:		
Series I	(4,318,661)	9,142,062
Series II	19,226,813	(4,061,072)
Net increase in net assets resulting from share transactions	14,908,152	5,080,990
Net increase (decrease) in net assets	51,639,811	(265,392,232)
Net assets:		
Beginning of period	1,097,761,897	1,363,154,129
End of period	\$1,149,401,708	\$1,097,761,897

# Financial Highlights

(Unaudited

The following schedule presents financial highlights for a share of the Fund outstanding throughout the periods indicated.

	Net asset value , beginning of period	Net investment income <sup>(a)</sup>	Net gains (losses) on securities (both realized and unrealized)	Total from investment operations	Dividends from net investment income	Distributions from net realized gains	Total distributions	Net asset value , end of period	Total return <sup>(b)</sup>	end	assets , of period 's omitted)	Ratio of expenses to average net assets with fee waivers and/or expenses absorbed	Ratio of expenses to average net assets without fee waivers and/or expenses absorbed	Ratio of net investment income to average net assets	Portfolio turnover <sup>(c)</sup>
Series I	or periou	ilicollic	uiii cuii2cu/	operations	IIICOIIIC	guiiis	uisti ibutiolis	or periou	return	(000	3 Ollitteu)	absorbeu	absol bea	net assets	turnover
Six months ended 06/30/23	\$16.14	\$0.18	\$ 0.44	\$ 0.62	\$ -	\$ -	\$ -	\$16.76	3.84%	Ś	69,698	0.55% <sup>(d)</sup>	0.56% <sup>(d)</sup>	2.17% <sup>(d)</sup>	76%
Year ended 12/31/22	20.69	0.33	(1.94)	(1.61)	(0.34)	(2.60)	(2.94)	16.14	(7.51)		71,423	0.56	0.56	1.77	146
Year ended 12/31/21	17.93	0.25	3.09	3.34	(0.38)	(0.20)	(0.58)	20.69	18.65		79,349	0.55	0.55	1.24	144
Year ended 12/31/20	17.52	0.30	1.30	1.60	(0.42)	(0.77)	(1.19)	17.93	9.95		43,099	0.56	0.57	1.84	96
Year ended 12/31/19	16.12	0.36	2.82	3.18	(0.47)	(1.31)	(1.78)	17.52	20.37		50,731	0.54	0.55	2.02	150
Year ended 12/31/18	19.04	0.35	(2.00)	(1.65)	(0.43)	(0.84)	(1.27)	16.12	(9.50)		165,924	0.54	0.55	1.91	150
Series II															
Six months ended 06/30/23	16.03	0.15	0.44	0.59	-	-	-	16.62	3.68	1,	079,704	0.80 <sup>(d)</sup>	0.81 <sup>(d)</sup>	1.92 <sup>(d)</sup>	76
Year ended 12/31/22	20.55	0.28	(1.92)	(1.64)	(0.28)	(2.60)	(2.88)	16.03	(7.71)	1,	026,339	0.81	0.81	1.52	146
Year ended 12/31/21	17.82	0.20	3.07	3.27	(0.34)	(0.20)	(0.54)	20.55	18.35	1,	283,805	0.80	0.80	0.99	144
Year ended 12/31/20	17.42	0.26	1.28	1.54	(0.37)	(0.77)	(1.14)	17.82	9.65	1,	224,382	0.81	0.82	1.59	96
Year ended 12/31/19	16.04	0.31	2.80	3.11	(0.42)	(1.31)	(1.73)	17.42	20.01		235,269	0.79	0.80	1.77	150
Year ended 12/31/18	18.95	0.31	(2.00)	(1.69)	(0.38)	(0.84)	(1.22)	16.04	(9.73)	1,	041,911	0.79	0.80	1.66	150

 $<sup>^{</sup>m (a)}$  Calculated using average shares outstanding.

<sup>(</sup>b) Includes adjustments in accordance with accounting principles generally accepted in the United States of America and as such, the net asset value for financial reporting purposes and the returns based upon those net asset values may differ from the net asset value and returns for shareholder transactions. Total returns are not annualized for periods less than one year, if applicable, and do not reflect charges assessed in connection with a variable product, which if included would reduce total returns.

<sup>(</sup>c) Portfolio turnover is calculated at the fund level and is not annualized for periods less than one year, if applicable. For the year ended December 31, 2021, the portfolio turnover calculation excludes the value of securities purchased of \$22,225,472 in connection with the acquisition of Invesco V.I. Managed Volatility Fund into the Fund.

<sup>(</sup>d) Annualized.

## **Notes to Financial Statements**

June 30, 2023 (Unaudited)

#### NOTE 1-Significant Accounting Policies

Invesco V.I. Equity and Income Fund (the "Fund") is a series portfolio of AIM Variable Insurance Funds (Invesco Variable Insurance Funds) (the "Trust"). The Trust is a Delaware statutory trust registered under the Investment Company Act of 1940, as amended (the "1940 Act"), as an open-end series management investment company. Information presented in these financial statements pertains only to the Fund. Matters affecting the Fund or each class will be voted on exclusively by the shareholders of the Fund or each class. Current Securities and Exchange Commission ("SEC") guidance, however, requires participating insurance companies offering separate accounts to vote shares proportionally in accordance with the instructions of the contract owners whose investments are funded by shares of each Fund or class

The Fund's investment objectives are both capital appreciation and current income.

The Fund currently offers two classes of shares, Series I and Series II, both of which are offered to insurance company separate accounts funding variable annuity contracts and variable life insurance policies ("variable products").

The Fund is an investment company and accordingly follows the investment company accounting and reporting guidance in accordance with Financial Accounting Standards Board Accounting Standards Codification Topic 946, Financial 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 of the exchange where the security is principally traded, or lacking any trades or official closing price on a particular day, the security may be valued at the closing bid price on that day. Securities traded in the over-the-counter market are valued based on prices furnished by independent pricing services or market makers. When such securities are valued using prices provided by an independent pricing service they may be considered fair valued. Futures contracts are valued at the daily settlement price set by an exchange on which they are principally traded. U.S. exchange-traded options are valued at the mean between the last bid and asked prices from the exchange on which they are principally traded. Non-U.S. exchange-traded options are valued at the final settlement price set by the exchange on which they trade. Options not 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 company's end-of-business-day net asset value 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 independent pricing services. Prices provided by the pricing service may be determined without exclusive reliance on quoted prices, and may reflect appropriate factors such as institution-size trading in similar groups of securities, developments related to specific securities, dividend rate (for unlisted equities), yield (for debt obligations), quality, type of issue, coupon rate (for debt obligations), maturity (for debt obligations), individual trading characteristics and other market data. Pricing services generally value debt obligations assuming orderly transactions of institutional round lot size, but a fund may hold or transact in the same securities in smaller, odd lot sizes. Odd lots often trade at lower prices than institutional round lots, and their value may be adjusted accordingly. Debt obligations are subject to interest rate and credit risks. In addition, all debt obligations involve some 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 applicable exchange rates as of the close of the New York Stock Exchange ("NYSE"). If market quotations are available and reliable for foreign exchange-traded equity securities, the securities will be valued at the market quotations. Invesco Advisers, Inc. (the "Adviser" or "Invesco") may use various pricing services to obtain market quotations as well as fair value prices. Because trading hours for certain foreign securities end before the close of the NYSE, closing market quotations may become not representative of market value in the Adviser's judgment ("unreliable"). If, between the time trading ends on a particular security and the close of the customary trading session on the NYSE, a significant event occurs that makes the closing price of the security unreliable, the Adviser may fair value the security. If the event is likely to have affected the closing price of the security will be valued at fair value in good faith in accordance with Board- approved policies and related Adviser procedures ("Valuation Procedures"). Adjustments to closing prices to reflect fair value may also be based on a screening process of an independent pricing service to indicate the degree of certainty, based on historical data, that the closing price in the principal market where a foreign security trades is not the current value as of the close of the NYSE. Foreign securities' prices meeting the degree of certainty that the price is not reflective of current value will be priced at the indication of fair value from the independent pricing service. Multiple factors may be considered by the independent pricing service in determining adjustments to reflect fair value and may include information relating to sector indices, American Depositary Receipts and domestic and foreign index futures. Foreign securities may have additional risks including exchange rate changes, potential for sharply devalued currencies and high i

Unlisted securities will be valued using prices provided by independent pricing services or by another method that the Adviser, in its judgment, believes better reflects the security's fair value in accordance with the Valuation Procedures.

Securities for which market prices are not provided by any of the above methods may be valued based upon quotes furnished by independent sources. The last bid price may be used to value equity securities. The mean between the last bid and asked prices may be used to value debt obligations, including corporate loans. Securities for which market quotations are not readily available are fair valued by the Adviser in accordance with the Valuation Procedures. If a fair value price provided by a pricing service is unreliable, the Adviser will fair value the security using the Valuation Procedures. Issuer specific events, market trends, bid/asked quotes of brokers and information providers and other market data may be reviewed in the course of making a good faith determination of a security's fair value.

The Fund may invest in securities that are subject to interest rate risk, meaning the risk that the prices will generally fall as interest rates rise and, conversely, the prices will generally rise as interest rates fall. Specific securities differ in their sensitivity to changes in interest rates depending on their individual characteristics. Changes in interest rates may result in increased market volatility, which may affect the value and/or liquidity of certain Fund investments.

Valuations change in response to many factors including the historical and prospective earnings of the issuer, the value of the issuer's assets, 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, significant governmental actions or adverse investor sentiment generally and market liquidity. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

The price the Fund could receive upon the sale of any investment may differ from the Adviser's valuation of the investment, particularly for securities that are valued using a fair valuation technique. When fair valuation techniques are applied, the Adviser uses available information, including both observable and unobservable inputs and assumptions, to determine a methodology that will result in a valuation that the Adviser believes approximates market value. Fund securities that are fair valued may be subject to greater fluctuation in their value from one day to the next than would be the case if market quotations were used. Because of the inherent uncertainties of valuation, and the degree of subjectivity in such decisions, the Fund could realize a greater or lesser than expected gain or loss upon the sale of the investment.

B. Securities Transactions and Investment Income - Securities transactions are accounted for on a trade date basis. Realized gains or losses on sales are computed on the basis of specific identification of the securities sold. Interest income (net of withholding tax, if any) is recorded on an accrual basis from settlement date and includes coupon interest and amortization of premium and accretion of discount on debt securities as applicable. Pay-in-kind interest income and non-cash dividend income received in the form of securities in-lieu of cash are recorded at the fair value of the securities received. Dividend income (net of withholding tax, if any) is recorded on the ex-dividend date.

The Fund may periodically participate in litigation related to Fund investments. As such, the Fund may receive proceeds from litigation settlements. Any proceeds received are included in the Statement of Operations as realized gain (loss) for investments no longer held and as unrealized gain (loss) for investments still held.

Brokerage commissions and mark ups are considered transaction costs and are recorded as an increase to the cost basis of securities purchased and/or a reduction of proceeds on a sale of securities. Such transaction costs are included in the determination of net realized and unrealized gain (loss) from investment securities reported in the Statement of Operations and the Statement of Changes in Net Assets and the net realized and unrealized gains (losses) on securities per share in the Financial Highlights. Transaction costs are included in the calculation of the Fund's net asset value and, accordingly, they reduce the Fund's total returns. These transaction costs are not considered operating expenses and are not reflected in net investment income reported in the Statement of Operations and the Statement of Changes in Net Assets, or the net investment income per share and the ratios of expenses and net investment income reported in the Financial Highlights, nor are they limited by any expense limitation arrangements between the Fund and the investment adviser.

The Fund allocates income and realized and unrealized capital gains and losses to a class based on the relative net assets of each class.

- Country Determination For the purposes of making investment selection decisions and presentation in the Schedule of Investments, the investment adviser may determine the country in which an issuer is located and/or credit risk exposure based on various factors. These factors include the laws of the country under which the issuer is organized, where the issuer maintains a principal office, the country in which the issuer derives 50% or more of its total revenues, the country that has the primary market for the issuer's securities and its "country of risk" as determined by a third party service provider, as well as other criteria. Among the other criteria that may be evaluated for making this determination are the country in which the issuer maintains 50% or more of its assets, the type of security, financial guarantees and enhancements, the nature of the collateral and the sponsor organization. Country of issuer and/or credit risk exposure has been determined to be the United States of America, unless otherwise noted.
- **D. Distributions** Distributions from net investment income and net realized capital gain, if any, are generally declared and paid to separate accounts of participating insurance companies annually and recorded on the ex-dividend date.
- **E. Federal Income Taxes** The Fund intends to comply with the requirements of Subchapter M of the Internal Revenue Code of 1986, as amended (the "Internal Revenue Code"), necessary to qualify as a regulated investment company and to distribute substantially all of the Fund's taxable earnings to shareholders. As such, the Fund will not be subject to federal income taxes on otherwise taxable income (including net realized capital gain) that is distributed to shareholders. Therefore, no provision for federal income taxes is recorded in the financial statements.

The Fund recognizes the tax benefits of uncertain tax positions only when the position is more likely than not to be sustained. Management has analyzed the Fund's uncertain tax positions and concluded that no liability for unrecognized tax benefits should be recorded related to uncertain tax positions. Management is not aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will change materially in the next 12 months. The Fund files tax returns in the U.S. Federal jurisdiction and certain other jurisdictions. Generally, the Fund is subject to examinations by such taxing authorities for up to three years after the filing of the return for the tax period.

- F. Expenses Fees provided for under the Rule 12b-1 plan of a particular class of the Fund and which are directly attributable to that class are charged to the operations of such class. All other expenses are allocated among the classes based on relative net assets.
- G. Accounting Estimates The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America ("GAAP") requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period including estimates and assumptions related to taxation. Actual results could differ from those estimates by a significant amount. In addition, the Fund monitors for material events or transactions that may occur or become known after the period-end date and before the date the financial statements are released to print.
- H. Indemnifications Under the Trust's organizational documents, each Trustee, officer, employee or other agent of the Trust is indemnified against certain liabilities that may arise out of the performance of their duties to the Fund. Additionally, in the normal course of business, the Fund enters into contracts, including the Fund's servicing agreements, that contain a variety of indemnification clauses. The Fund's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Fund that have not yet occurred. The risk of material loss as a result of such indemnification claims is considered remote.
- Securities Lending The Fund may lend portfolio securities having a market value up to one-third of the Fund's total assets. Such loans are secured by collateral equal to no less than the market value of the loaned securities determined daily by the securities lending provider. Such collateral will be cash or debt securities issued or guaranteed by the U.S. Government or any of its sponsored agencies. Cash collateral received in connection with these loans is invested in short-term money market instruments or affiliated, unregistered investment companies that comply with Rule 2a-7 under the 1940 Act and money market funds (collectively, "affiliated money market funds") and is shown as such on the Schedule of Investments. The Fund bears the risk of loss with respect to the investment of collateral. It is the Fund's policy to obtain additional collateral from or return excess collateral to the borrower by the end of the next business day, following the valuation date of the securities loaned. Therefore, the value of the collateral held may be temporarily less than the value of the securities on loan. When loaning securities, the Fund retains certain benefits of owning the securities, including the economic equivalent of dividends or interest generated by the security. Lending securities entails a risk of loss to the Fund if, and to the extent that, the market value of the securities loaned were to increase and the borrower did not increase the collateral accordingly, and the borrower failed to return the securities. The securities loaned are subject to termination at the option of the borrower or the Fund. Upon termination, the borrower will return to the Fund the securities loaned and the Fund will return the collateral. Upon the failure of the borrower to return the securities, collateral may be liquidated and the securities may be purchased on the open market to replace the loaned securities. The Fund could experience delays and costs in gaining access to the collateral and the securities may lose value during the delay which could result in potential losses to the Fund. Some of these losses may be indemnified by the lending agent. The Fund bears the risk of any deficiency in the amount of the collateral available for return to the borrower due to any loss on the collateral invested. Dividends received on cash collateral investments for securities lending transactions, which are net of compensation to counterparties, are included in Dividends from affiliated money market funds on the Statement of Operations. The aggregate value of securities out on loan, if any, is shown as a footnote on the Statement of Assets and Liabilities.

The Adviser serves as an affiliated securities lending agent for the Fund. The Bank of New York Mellon also serves as a securities lending agent. To the extent the Fund utilizes the Adviser as an affiliated securities lending agent, the Fund conducts its securities lending in accordance with, and in reliance upon, no-action letters issued by the SEC staff that provide guidance on how an affiliate may act as a direct agent lender and receive compensation for those services in a manner consistent with the federal securities laws. For the six months ended June 30, 2023, the Fund paid the Adviser \$1,016 in fees for securities lending agent services. Fees paid to the Adviser for securities lending agent services, if any, are included in *Dividends from affiliated money market funds* on the Statement of Operations.

J. Foreign Currency Translations – Foreign currency is valued at the close of the NYSE based on quotations posted by banks and major currency dealers. Portfolio securities and other assets and liabilities denominated in foreign currencies are translated into U.S. dollar amounts at the date of valuation. Purchases and sales of portfolio securities (net of foreign taxes withheld on disposition) and income items denominated in foreign currencies are translated into U.S. dollar

amounts on the respective dates of such transactions. The Fund does not separately account for the portion of the results of operations resulting from changes in foreign exchange rates on investments and the fluctuations arising from changes in market prices of securities held. The combined results of changes in foreign exchange rates and the fluctuation of market prices on investments (net of estimated foreign tax withholding) are included with the net realized and unrealized gain or loss from investments in the Statement of Operations. Reported net realized foreign currency gains or losses arise from (1) sales of foreign currencies, (2) currency gains or losses realized between the trade and settlement dates on securities transactions, and (3) the difference between the amounts of dividends, interest, and foreign withholding taxes recorded on the Fund's books and the U.S. dollar equivalent of the amounts actually received or paid. Net unrealized foreign currency gains and losses arise from changes in the fair values of assets and liabilities, other than investments in securities at fiscal period end, resulting from changes in exchange rates.

The Fund may invest in foreign securities, which may be subject to foreign taxes on income, gains on investments or currency repatriation, a portion of which may be recoverable. Foreign taxes, if any, are recorded based on the tax regulations and rates that exist in the foreign markets in which the Fund invests and are shown in the Statement of Operations.

**K.** Forward Foreign Currency Contracts – The Fund may engage in foreign currency transactions either on a spot (i.e. for prompt delivery and settlement) basis, or through forward foreign currency contracts, to manage or minimize currency or exchange rate risk.

The Fund may also enter into forward foreign currency contracts for the purchase or sale of a security denominated in a foreign currency in order to "lock in" the U.S. dollar price of that security, or the Fund may also enter into forward foreign currency contracts that do not provide for physical exchange of the two currencies on the settlement date, but instead are settled by a single cash payment calculated as the difference between the agreed upon exchange rate and the spot rate at settlement based upon an agreed upon notional amount (non-deliverable forwards).

A forward foreign currency contract is an obligation between two parties ("Counterparties") to purchase or sell a specific currency for an agreed-upon price at a future date. The use of forward foreign currency contracts for hedging does not eliminate fluctuations in the price of the underlying securities the Fund owns or intends to acquire but establishes a rate of exchange in advance. Fluctuations in the value of these contracts are measured by the difference in the contract date and reporting date exchange rates and are recorded as unrealized appreciation (depreciation) until the contracts are closed. When the contracts are closed, realized gains (losses) are recorded. Realized and unrealized gains (losses) on the contracts are included in the Statement of Operations. The primary risks associated with forward foreign currency contracts include failure of the Counterparty to meet the terms of the contract and the value of the foreign currency changing unfavorably. These risks may be in excess of the amounts reflected in the Statement of Assets and Liabilities.

- L. Futures Contracts The Fund may enter into futures contracts to manage exposure to interest rate, equity and market price movements and/or currency risks. A futures contract is an agreement between Counterparties to purchase or sell a specified underlying security, currency or commodity (or delivery of a cash settlement price, in the case of an index future) for a fixed price at a future date. The Fund currently invests only in exchange-traded futures and they are standardized as to maturity date and underlying financial instrument. Initial margin deposits required upon entering into futures contracts are satisfied by the segregation of specific securities or cash as collateral at the futures commission merchant (broker). During the period the futures contracts are open, changes in the value of the contracts are recognized as unrealized gains or losses by recalculating the value of the contracts on a daily basis. Subsequent or variation margin payments are received or made depending upon whether unrealized gains or losses are incurred. These amounts are reflected as receivables or payables on the Statement of Assets and Liabilities. When the contracts are closed or expire, the Fund recognizes a realized gain or loss equal to the difference between the proceeds from, or cost of, the closing transaction and the Fund's basis in the contract. The net realized gain (loss) and the change in unrealized gain (loss) on futures contracts held during the period is included on the Statement of Operations. The primary risks associated with futures contracts are market risk and the absence of a liquid secondary market. If the Fund were unable to liquidate a futures contract and/or enter into an offsetting closing transaction, the Fund would continue to be subject to market risk with respect to the value of the contracts and continue to be required to maintain the margin deposits on the futures contracts. Futures contracts have minimal Counterparty risk since the exchange's clearinghouse, as Counterparty to all exchange-t
- M. Leverage Risk Leverage exists when the Fund can lose more than it originally invests because it purchases or sells an instrument or enters into a transaction without investing an amount equal to the full economic exposure of the instrument or transaction.
- N. Collateral —To the extent the Fund has designated or segregated a security as collateral and that security is subsequently sold, it is the Fund's practice to replace such collateral no later than the next business day. This practice does not apply to securities pledged as collateral for securities lending transactions.
- O. Other Risks Active trading of portfolio securities may result in added expenses, a lower return and increased tax liability.

#### NOTE 2-Advisory Fees and Other Fees Paid to Affiliates

The Trust has entered into a master investment advisory agreement with the Adviser. Under the terms of the investment advisory agreement, the Fund accrues daily and pays monthly an advisory fee to the Adviser based on the annual rate of the Fund's average daily net assets as follows:

Average Daily Net Assets	Rate
First \$150 million	0.500%
Next \$100 million	0.450%
Next \$100 million	0.400%
Over \$350 million	0.350%

For the six months ended June 30, 2023, the effective advisory fee rate incurred by the Fund was 0.38%.

Under the terms of a master sub-advisory agreement between the Adviser and each of Invesco Asset Management Deutschland GmbH, Invesco Asset Management Limited, Invesco Asset Management (Japan) Limited, Invesco Hong Kong Limited, Invesco Senior Secured Management, Inc. and Invesco Canada Ltd. and separate sub-advisory agreements with Invesco Capital Management LLC and Invesco Asset Management (India) Private Limited (collectively, the "Affiliated Sub-Advisers") the Adviser, not the Fund, will pay 40% of the fees paid to the Adviser to any such Affiliated Sub-Adviser(s) that provide(s) discretionary investment management services to the Fund based on the percentage of assets allocated to such Affiliated Sub-Adviser(s).

The Adviser has contractually agreed, through at least June 30, 2023, to waive advisory fees and/or reimburse expenses of all shares to the extent necessary to limit total annual fund operating expenses after fee waiver and/or expense reimbursement (excluding certain items discussed below) of Series I shares to 1.50% and Series II shares to 1.75% of the Fund's average daily net assets (the "expense limits"). In determining the Adviser's obligation to waive advisory fees and/or reimburse expenses, the following expenses are not taken into account, and could cause the total annual fund operating expenses after fee waiver and/or expense reimbursement to exceed the numbers reflected above: (1) interest; (2) taxes; (3) dividend expense on short sales; (4) extraordinary or non-routine items, including litigation expenses; and (5) expenses that the Fund has incurred but did not actually pay because of an expense offset arrangement. The Adviser did not waive fees and/or reimburse expenses during the period under these expense limits. Effective July 1, 2023, the fee waiver agreement has been extended for an indefinite period. Invesco may amend and/or terminate this expense limit at any time in its sole discretion and will inform the Board of Trustees of any such changes.

Further, the Adviser has contractually agreed, through at least June 30, 2025, to waive the advisory fee payable by the Fund in an amount equal to 100% of the net advisory fees the Adviser receives from the affiliated money market funds on investments by the Fund of uninvested cash (excluding investments of cash collateral from securities lending) in such affiliated money market funds.

For the six months ended June 30, 2023, the Adviser waived advisory fees of \$27,969.

The Trust has entered into a master administrative services agreement with Invesco pursuant to which the Fund has agreed to pay Invesco a fee for costs incurred in providing accounting services and fund administrative services to the Fund and to reimburse Invesco for fees paid to insurance companies that have agreed to provide certain administrative services to the Fund. These administrative services provided by the insurance companies may include, among other things: maintenance of master accounts with the Fund; tracking, recording and transmitting net purchase and redemption orders for Fund shares; maintaining and preserving records related to the purchase, redemption and other account activity of variable product owners; distributing copies of Fund documents such as prospectuses, proxy materials and periodic reports, to variable product owners, and responding to inquiries from variable product owners about the Fund. Pursuant to such agreement, for the six months ended June 30, 2023, Invesco was paid \$86,716 for accounting and fund administrative services and was reimbursed \$837,339 for fees paid to insurance companies. Invesco has entered into a sub-administration agreement whereby State Street Bank and Trust Company ("SSB") serves as fund accountant and provides certain administrative services to the Fund. Pursuant to a custody agreement with the Trust on behalf of the Fund, SSB also serves as the Fund's custodian.

The Trust has entered into a transfer agency and service agreement with Invesco Investment Services, Inc. ("IIS") pursuant to which the Fund has agreed to pay IIS a fee for providing transfer agency and shareholder services to the Fund and reimburse IIS for certain expenses incurred by IIS in the course of providing such services. For the six months ended June 30, 2023, expenses incurred under the agreement are shown in the Statement of Operations as *Transfer agent fees*.

The Trust has entered into a master distribution agreement with Invesco Distributors, Inc. ("IDI") to serve as the distributor for the Fund. The Trust has adopted a plan pursuant to Rule 12b-1 under the 1940 Act with respect to the Fund's Series II shares (the "Plan"). The Fund, pursuant to the Plan, pays IDI compensation at the annual rate of 0.25% of the Fund's average daily net assets of Series II shares. The fees are accrued daily and paid monthly. Of the Plan payments, up to 0.25% of the average daily net assets of the Series II shares may be paid to insurance companies who furnish continuing personal shareholder services to customers who purchase and own Series II shares of the Fund. For the six months ended June 30, 2023, expenses incurred under the Plan are detailed in the Statement of Operations as Distribution fees

For the six months ended June 30, 2023, the Fund incurred \$23,136 in brokerage commissions with Invesco Capital Markets, Inc., an affiliate of the Adviser and IDI, for portfolio transactions executed on behalf of the Fund.

Certain officers and trustees of the Trust are officers and directors of the Adviser, IIS and/or IDI.

#### NOTE 3-Additional Valuation Information

GAAP defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, under current market conditions. GAAP establishes a hierarchy that prioritizes the inputs to valuation methods, giving the highest priority to readily available unadjusted quoted prices in an active market for identical assets (Level 1) and the lowest priority to significant unobservable inputs (Level 3), generally when market prices are not readily available. Based on the valuation inputs, the securities or other investments are tiered into one of three levels. Changes in valuation methods may result in transfers in or out of an investment's assigned level:

- Level 1 Prices are determined using quoted prices in an active market for identical assets.
- Level 2 Prices are determined using other significant observable inputs. Observable inputs are inputs that other market participants may use in pricing a security.

  These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk, yield curves, loss severities, default rates, discount rates, volatilities and others.
- Level 3 Prices are determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable (for example, when there is little or no market activity for an investment at the end of the period), unobservable inputs may be used. Unobservable inputs reflect the Adviser's assumptions about the factors market participants would use in determining fair value of the securities or instruments and would be based on the best available information.

The following is a summary of the tiered valuation input levels, as of June 30, 2023. The level assigned to the securities valuations may not be an indication of the risk or liquidity associated with investing in those securities. Because of the inherent uncertainties of valuation, the values reflected in the financial statements may materially differ from the value received upon actual sale of those investments.

	Level 1	Level 2	Level 3	Total
Investments in Securities				
Common Stocks & Other Equity Interests	\$714,558,974	\$ 31,079,055	\$-	\$ 745,638,029
U.S. Dollar Denominated Bonds & Notes	-	235,441,095	_	235,441,095
U.S. Treasury Securities	-	104,738,833	-	104,738,833
Preferred Stocks	6,688,187	-	-	6,688,187
U.S. Government Sponsored Agency Mortgage-Backed Securities	-	801,528	-	801,528
Money Market Funds	38,187,082	10,307,574	-	48,494,656
Total Investments in Securities	759,434,243	382,368,085	-	1,141,802,328
Other Investments - Assets*				
Futures Contracts	58,466	-	-	58,466
Forward Foreign Currency Contracts	-	87,035	_	87,035
Total Other Investments	58,466	87,035	-	145,501
Total Investments	\$759,492,709	\$382,455,120	\$-	\$1,141,947,829

Unrealized appreciation.

#### **NOTE 4-Derivative Investments**

The Fund may enter into an International Swaps and Derivatives Association Master Agreement ("ISDA Master Agreement") under which a fund may trade OTC derivatives. An OTC transaction entered into under an ISDA Master Agreement typically involves a collateral posting arrangement, payment netting provisions and close-out netting provisions. These netting provisions allow for reduction of credit risk through netting of contractual obligations. The enforceability of the netting provisions of the ISDA Master Agreement depends on the governing law of the ISDA Master Agreement, among other factors.

For financial reporting purposes, the Fund does not offset OTC derivative assets or liabilities that are subject to ISDA Master Agreements in the Statement of Assets and Liabilities.

#### Value of Derivative Investments at Period-End

The table below summarizes the value of the Fund's derivative investments, detailed by primary risk exposure, held as of June 30, 2023:

		value	Total	
Derivative Assets	Currency Risk	Interest Rate Risk		
Unrealized appreciation on futures contracts –Exchange-Traded <sup>(a)</sup>	\$ -	\$ 58,466	\$ 58,466	
Unrealized appreciation on forward foreign currency contracts outstanding	87,035	-	87,035	
Total Derivative Assets	87,035	58,466	145,501	
Derivatives not subject to master netting agreements	-	(58,466)	(58,466)	
Total Derivative Assets subject to master netting agreements	\$87,035	\$ -	\$ 87,035	

Value

### Offsetting Assets and Liabilities

The table below reflects the Fund's exposure to Counterparties subject to either an ISDA Master Agreement or other agreement for OTC derivative transactions as of June 30, 2023.

	Financial Derivative Assets		Collateral (Received)/Pledged		
Counterparty	Forward Foreign Currency Contracts	Net Value of Derivatives	Non-Cash	Cash	Net Amount
Bank of New York Mellon (The)	\$48,920	\$48,920	\$-	\$-	\$48,920
State Street Bank & Trust Co.	38,115	38,115	-	_	38,115
Total	\$87,035	\$87,035	\$-	\$-	\$87,035

#### Effect of Derivative Investments for the six months ended June 30, 2023

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

		Location of Gain (Loss) on Statement of Operations		
	Currency Risk	Interest Rate Risk	Total	
Realized Gain (Loss): Forward foreign currency contracts	\$(464,788)	\$ -	\$(464,788)	
Futures contracts	-	16,080	16,080	
Change in Net Unrealized Appreciation (Depreciation): Forward foreign currency contracts	(170,626)	-	(170,626)	
Futures contracts	-	57,916	57,916	
Total	\$(635,414)	\$73,996	\$(561,418)	

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

	Forward Foreign Currency Contracts	Futures Contracts
Average notional value	\$23,428,347	\$2,132,216

## NOTE 5-Trustees' and Officers' Fees and Benefits

Trustees' and Officers' Fees and Benefits include amounts accrued by the Fund to pay remuneration to certain Trustees and Officers of the Fund. Trustees have the option to defer compensation payable by the Fund, and Trustees' and Officers' Fees and Benefits also include amounts accrued by the Fund to fund such deferred compensation amounts. Those Trustees who defer compensation have the option to select various Invesco Funds in which their deferral accounts shall be deemed to be invested. Finally, certain current Trustees were eligible to participate in a retirement plan that provided for benefits to be paid upon retirement to Trustees over a period of time based on the number of years of service. The Fund may have certain former Trustees who also participate in a retirement plan and receive benefits under such plan. Trustees' and Officers' Fees and Benefits include amounts accrued by the Fund to fund such retirement benefits. Obligations under the deferred compensation and retirement plans represent unsecured claims against the general assets of the Fund.

#### 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 balances, if any at period-end, are shown in the Statement of Assets and Liabilities under the payable caption *Amount due custodian*. To compensate the custodian bank for such overdrafts, the overdrawn Fund may either (1) leave funds as a compensating balance in the account so the custodian bank can be compensated by earning the additional interest; or (2) compensate by paying the custodian bank at a rate agreed upon by the custodian bank and Invesco, not to exceed the contractually agreed upon rate.

<sup>(</sup>a) The daily variation margin receivable (payable) at period-end is recorded in the Statement of Assets and Liabilities.

#### NOTE 7-Tax Information

The amount and character of income and gains to be distributed are determined in accordance with income tax regulations, which may differ from GAAP.

Reclassifications are made to the Fund's capital accounts to reflect income and gains available for distribution (or available capital loss carryforward) under income tax regulations. The tax character of distributions paid during the year and the tax components of net assets will be reported at the Fund's fiscal year-end.

Capital loss carryforward is calculated and reported as of a specific date. Results of transactions and other activity after that date may affect the amount of capital loss carryforward actually available for the Fund to utilize. The ability to utilize capital loss carryforward in the future may be limited under the Internal Revenue Code and related regulations based on the results of future transactions.

The Fund did not have a capital loss carryforward as of December 31, 2022.

#### **NOTE 8-Investment Transactions**

The aggregate amount of investment securities (other than short-term securities, U.S. Government obligations and money market funds, if any) purchased and sold by the Fund during the six months ended June 30, 2023 was \$204,189,118 and \$172,383,286, respectively. Cost of investments, including any derivatives, on a tax basis includes the adjustments for financial reporting purposes as of the most recently completed federal income tax reporting period-end.

#### Unrealized Appreciation (Depreciation) of Investments on a Tax Basis

Aggregate unrealized appreciation of investments	\$192,732,594
Aggregate unrealized (depreciation) of investments	(39,685,511)
Net unrealized appreciation of investments	\$153,047,083

Cost of investments for tax purposes is \$988,900,746.

#### NOTE 9-Share Information

		Six months ended June 30, 2023 <sup>(a)</sup>		Year ended December 31, 2022	
	Shares	Amount	Shares	Amount	
Sold:					
Series I	233,585	\$ 3,852,922	490,825	\$ 9,376,057	
Series II	10,632,035	174,465,044	5,258,697	96,785,873	
Issued as reinvestment of dividends:					
Series I	-	-	695,431	11,036,488	
Series II	-	-	9,986,581	157,488,383	
Reacquired:					
Series I	(498,535)	(8,171,583)	(596,455)	(11,270,483)	
Series II	(9,689,111)	(155,238,231)	(13,675,775)	(258,335,328)	
Net increase in share activity	677,974	\$ 14,908,152	2,159,304	\$ 5,080,990	

<sup>(</sup>a) There are entities that are record owners of more than 5% of the outstanding shares of the Fund and in the aggregate own 66% of the outstanding shares of the Fund. The Fund and the Fund's principal underwriter or adviser, are parties to participation agreements with these entities whereby these entities sell units of interest in separate accounts funding variable products that are invested in the Fund. The Fund, Invesco and/or Invesco affiliates may make payments to these entities, which are considered to be related to the Fund, for providing services to the Fund, Invesco and/or Invesco affiliates including but not limited to services such as, securities brokerage, third party record keeping and account servicing and administrative services. The Fund has no knowledge as to whether all or any portion of the shares owned of record by these entities are also owned beneficially.

## 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 other Fund expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Fund and to compare these costs with ongoing costs of investing in other mutual funds. The example is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period January 1, 2023 through June 30, 2023

The actual and hypothetical expenses in the examples below do not represent the effect of any fees or other expenses assessed in connection with a variable 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 table, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the table under the heading entitled "Actual Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

#### Hypothetical example for comparison purposes

The table below also provides information about hypothetical account values and hypothetical expenses based on the Fund's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Fund's actual return.

The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Fund and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds.

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

		HYPOTHE (5% annual ret ACTUAL expens		return before		
	Beginning Account Value (01/01/23)	Ending Account Value (06/30/23) <sup>1</sup>	Expenses Paid During Period <sup>2</sup>	Ending Account Value (06/30/23)	Expenses Paid During Period <sup>2</sup>	Annualized Expense Ratio
Series I	\$1,000.00	\$1,038.40	\$2.78	\$1,022.07	\$2.76	0.55%
Series II	1,000.00	1,036.80	4.04	1,020.83	4.01	0.80

The actual ending account value is based on the actual total return of the Fund for the period January 1, 2023 through June 30, 2023, after actual expenses and will differ from the hypothetical ending account value which is based on the Fund's expense ratio and a hypothetical annual return of 5% before expenses.

Expenses are equal to the Fund's annualized expense ratio as indicated above multiplied by the average account value over the period, multiplied by 181/365 to reflect the most recent fiscal half year.

# Approval of Investment Advisory and Sub-Advisory Contracts

At meetings held on June 13, 2023, the Board of Trustees (the Board or the Trustees) of AIM Variable Insurance Funds (Invesco Variable Insurance Funds) as a whole, and the independent Trustees, who comprise over 75% of the Board, voting separately, approved the continuance of the Invesco V.I. Equity and Income Fund's (the Fund) Master Investment Advisory Agreement with Invesco Advisers, Inc. (Invesco Advisers and the investment advisory agreement) and the Master Intergroup Sub-Advisory Contract for Mutual Funds with Invesco Asset Management Deutschland GmbH, Invesco Asset Management Limited, Invesco Asset Management (Japan) Limited, Invesco Hong Kong Limited, Invesco Senior Secured Management, Inc. and Invesco Canada Ltd. and separate sub-advisory contracts with Invesco Capital Management LLC and Invesco Asset Management (India) Private Limited (collectively, the Affiliated Sub-Advisers and the sub-advisory contracts) for another year, effective July 1, 2023. After evaluating the factors discussed below, among others, the Board approved the renewal of the Fund's investment advisory agreement and the sub-advisory contracts and determined that the compensation payable thereunder by the Fund to Invesco Advisers and by Invesco Advisers to the Affiliated Sub-Advisers is fair and reasonable.

#### The Board's Evaluation Process

The Board has established an Investments Committee, which in turn has established Sub-Committees, that meet throughout the year to review the performance of funds advised by Invesco Advisers (the Invesco Funds). The Sub-Committees meet regularly with portfolio managers for their assigned Invesco Funds and other members of management to review information about investment performance and portfolio attributes of these funds. The Board has established additional standing and ad hoc committees that meet regularly throughout the year to review matters within their purview, including a working group focused on opportunities to make ongoing and continuous improvements to the annual review process for the Invesco Funds' investment advisory and sub-advisory contracts. The Board took into account evaluations and reports that it received from its committees and sub-committees, as well as the information provided to the Board and its committees and sub-committees throughout the year, in considering whether to approve each Invesco Fund's investment advisory agreement and sub-advisory contracts.

As part of the contract renewal process, the Board reviews and considers information provided in response to requests for information submitted to management by the independent Trustees with assistance from legal counsel to the independent Trustees and the Senior Officer, an officer of the Invesco Funds who reports directly to the independent Trustees. The Board receives comparative investment performance and fee and expense data regarding the Invesco Funds prepared by Broadridge Financial Solutions, Inc. (Broadridge), an independent mutual fund data provider, as well as information on the composition of the peer groups provided by Broadridge and its methodology for determining peer groups. The Board also receives an independent written evaluation from the Senior

Officer. The Senior Officer's evaluation is prepared as part of his responsibility to manage the process by which the Invesco Funds' proposed management fees are negotiated during the annual contract renewal process to ensure they are negotiated in a manner that is at arms' length and reasonable in accordance with certain negotiated regulatory requirements. In addition to meetings with Invesco Advisers and fund counsel throughout the year and as part of meetings convened on May 2, 2023 and June 13, 2023, the independent Trustees also discussed the continuance of the investment advisory agreement and sub-advisory contracts in separate sessions with the Senior Officer and with independent legal counsel. Also, as part of the contract renewal process, the independent Trustees reviewed and considered information provided in response to follow-up requests for information submitted by the independent Trustees to management. The independent Trustees met and discussed those follow-up responses with legal counsel to the independent Trustees and the Senior Officer.

The discussion below is a summary of the Senior Officer's independent written evaluation with respect to the Fund's investment advisory agreement and sub-advisory contracts, as well as a discussion of the material factors and related conclusions that formed the basis for the Board's approval of the Fund's investment advisory agreement and sub-advisory contracts. The Trustees' review and conclusions are based on the comprehensive consideration of all information presented to them during the course of the year and in prior years and are not the result of any single determinative factor. Moreover, one Trustee may have weighed a particular piece of information or factor differently than another Trustee. The information received and considered by the Board was current as of various dates prior to the Board's approval on June 13, 2023.

# Factors and Conclusions and Summary of Independent Written Fee Evaluation

A. Nature, Extent and Quality of Services Provided by Invesco Advisers and the Affiliated Sub-Advisers

The Board reviewed the nature, extent and quality of the advisory services provided to the Fund by Invesco Advisers under the Fund's investment advisory agreement, and the credentials and experience of the officers and employees of Invesco Advisers who provide these services, including the Fund's portfolio manager(s). The Board considered recent senior management changes at Invesco and Invesco Advisers, including the appointment of new Co-Heads of Investments, that had been presented to and discussed with the Board. The Board's review included consideration of Invesco Advisers' investment process and oversight, credit analysis and research capabilities. The Board considered information regarding Invesco Advisers' programs for and resources devoted to risk management, including management of investment, enterprise, operational, liquidity, derivatives, valuation and compliance risks. and technology used to manage such risks. The Board received information regarding Invesco's methodology for compensating its investment professionals and the incentives and accountability it creates, as well as how it impacts Invesco's ability to attract and retain talent. The Board received a

description of, and reports related to, Invesco Advisers' global security program and business continuity plans and of its approach to data privacy and cybersecurity, including related testing. The Board also considered non-advisory services that Invesco Advisers and its affiliates provide to the Invesco Funds, such as various middle office and back office support functions, third party oversight, internal audit, valuation, portfolio trading and legal and compliance. The Board observed that Invesco Advisers' systems preparedness and ongoing investment enabled Invesco Advisers to manage, operate and oversee the Invesco Funds with minimal impact or disruption through challenging environments. The Board reviewed and considered the benefits to shareholders of investing in a Fund that is part of the family of funds under the umbrella of Invesco Ltd., Invesco Advisers' parent company, and noted Invesco Ltd.'s depth and experience in running an investment management business, as well as its commitment of financial and other resources to such business. The Board concluded that the nature, extent and quality of the services provided to the Fund by Invesco Advisers are appropriate and satisfactory.

The Board reviewed the services that may be provided to the Fund by the Affiliated Sub-Advisers under the sub-advisory contracts and the credentials and experience of the officers and employees of the Affiliated Sub-Advisers who provide these services. The Board noted the Affiliated Sub-Advisers' expertise with respect to certain asset classes and that the Affiliated Sub-Advisers have offices and personnel that are located in financial centers around the world. As a result, the Board noted that the Affiliated Sub-Advisers can provide research and investment analysis on the markets and economies of various countries and territories in which the Fund may invest, make recommendations regarding securities and assist with portfolio trading. The Board concluded that the sub-advisory contracts may benefit the Fund and its shareholders by permitting Invesco Advisers to use the resources and talents of the Affiliated Sub-Advisers in managing the Fund. The Board concluded that the nature, extent and quality of the services that may be provided to the Fund by the Affiliated Sub-Advisers are appropriate and satisfactory.

B. Fund Investment Performance
The Board considered Fund investment performance
as a relevant factor in considering whether to
approve the investment advisory agreement. The
Board did not view Fund investment performance as a
relevant factor in considering whether to approve the
sub-advisory contracts for the Fund, as no Affiliated
Sub-Adviser currently manages assets of the Fund.

The Board compared the Fund's investment performance over multiple time periods ending December 31, 2022 to the performance of funds in the Broadridge performance universe and against the Russell 1000® Value Index (Index). The Board noted that performance of Series II shares of the Fund was in the first quintile of its performance universe for the one, three and five year periods (the first quintile being the best performing funds and the fifth quintile being the worst performing funds). The Board noted that performance of Series II shares of the Fund was reasonably comparable to the performance of the

Index for the one and three year periods and below the performance of the Index for the five year period. The Board recognized that the performance data reflects a snapshot in time as of a particular date and that selecting a different performance period could produce different results. The Board also reviewed more recent Fund performance as well as other performance metrics, which did not change its conclusions.

C. Advisory and Sub-Advisory Fees and Fund Expenses

The Board compared the Fund's contractual management fee rate to the contractual management fee rates of funds in the Fund's Broadridge expense group. The Board noted that the contractual management fee rate for Series II shares of the Fund was below the median contractual management fee rate of funds in its expense group. The Board noted that the term "contractual management fee" for funds in the expense group may include both advisory and certain non-portfolio management administrative services fees, but that Broadridge is not able to provide information on a fund-by-fund basis as to what is included. The Board also reviewed the methodology used by Broadridge in calculating expense group information, which includes using each fund's contractual management fee schedule (including any applicable breakpoints) as reported in the most recent prospectus or statement of additional information for each fund in the expense group. The Board requested and considered additional information from management regarding the Fund's actual management fees and the levels of the Fund's breakpoints in light of current asset levels. The Board also considered comparative information regarding the Fund's total expense ratio and its various components.

The Board noted that Invesco Advisers has contractually agreed to waive fees and/or limit expenses of the Fund for the term disclosed in the Fund's registration statement in an amount necessary to limit total annual operating expenses to a specified percentage of average daily net assets for each class of the Fund.

The Board also considered the fees charged by Invesco Advisers and its affiliates to other client accounts that are similarly managed. Invesco Advisers reviewed with the Board differences in the scope of services it provides to the Invesco Funds relative to that provided by Invesco Advisers and its affiliates to certain other types of client accounts, including, among others: management of cash flows as a result of redemptions and purchases; necessary infrastructure such as officers, office space, technology, legal and distribution; oversight of service providers; costs and business risks associated with launching new funds and sponsoring and maintaining the product line; and compliance with federal and state laws and regulations. Invesco Advisers also advised the Board that many of the similarly managed client accounts have all-inclusive fee structures, which are not easily un-bundled.

The Board also compared the Fund's effective advisory fee rate (defined for this purpose as the advisory fee rate after advisory fee waivers and before other expense limitations/waivers) to the effective advisory fee rates of other similarly managed third-party mutual funds advised or sub-advised by Invesco Advisers and its affiliates, based on asset balances as of December 31, 2022.

The Board also considered the services that may be provided by the Affiliated Sub-Advisers pursuant to

the sub-advisory contracts, as well as the fees payable by Invesco Advisers to the Affiliated Sub-Advisers pursuant to the sub-advisory contracts. D. Economies of Scale and Breakpoints

The Board considered the extent to which there may be economies of scale in the provision of advisory services to the Fund and the Invesco Funds, and the extent to which such economies of scale are shared with the Fund and the Invesco Funds. The Board acknowledged the difficulty in calculating and measuring economies of scale at the individual fund level; noting that only indicative and estimated measures are available at the individual fund level and that such measures are subject to uncertainty. The Board considered that the Fund benefits from economies of scale through contractual breakpoints in the Fund's advisory fee schedule, which generally operate to reduce the Fund's expense ratio as it grows in size. The Board considered information from Invesco Advisers regarding the levels of the Fund's breakpoints in light of current assets. The Board noted that the Fund also shares in economies of scale through Invesco Advisers' ability to negotiate lower fee arrangements with third party service providers. The Board noted that the Fund may also benefit from economies of scale through initial fee setting, fee waivers and expense reimbursements, as well as Invesco Advisers' investment in its business, including investments in business infrastructure, technology and cybersecurity.

E. Profitability and Financial Resources The Board reviewed information from Invesco Advisers concerning the costs of the advisory and other services that Invesco Advisers and its affiliates provide to the Fund and the Invesco Funds and the profitability of Invesco Advisers and its affiliates in providing these services in the aggregate and on an individual fund-by-fund basis. The Board considered the methodology used for calculating profitability and the periodic review and enhancement of such methodology. The Board noted that Invesco Advisers continues to operate at a net profit from services Invesco Advisers and its affiliates provide to the Invesco Funds in the aggregate and to most Invesco Funds individually. The Board considered that profits to Invesco Advisers can vary significantly depending on the particular Invesco Fund, with some Invesco Funds showing indicative losses to Invesco Advisers and others showing indicative profits at healthy levels, and that Invesco Advisers' support for and commitment to an Invesco Fund are not, however, solely dependent on the profits realized as to that Fund. The Board did not deem the level of profits realized by Invesco Advisers and its affiliates from providing such services to be excessive, given the nature, extent and quality of the services provided. The Board noted that Invesco Advisers provided information demonstrating that Invesco Advisers is financially sound and has the resources necessary to perform its obligations under the investment advisory agreement, and provided representations indicating that the Affiliated Sub-Advisers are financially sound and have the resources necessary to perform their obligations under the sub-advisory contracts. The Board noted the cyclical and competitive nature of the global asset management industry.

F. Collateral Benefits to Invesco Advisers and its

The Board considered various other benefits received by Invesco Advisers and its affiliates from the relationship with the Fund, including the fees received for providing administrative, transfer agency and distribution services to the Fund. The Board received comparative information regarding fees charged for these services, including information provided by Broadridge and other independent sources. The Board reviewed the performance of Invesco Advisers and its affiliates in providing these services and the organizational structure employed to provide these services. The Board noted that these services are provided to the Fund pursuant to written contracts that are reviewed and subject to approval on an annual basis by the Board based on its determination that the services are required for the operation of the Fund.

The Board considered the benefits realized by Invesco Advisers and the Affiliated Sub-Advisers as a result of portfolio brokerage transactions executed through "soft dollar" arrangements. The Board noted that soft dollar arrangements may result in the Fund bearing costs to purchase research that may be used by Invesco Advisers or the Affiliated Sub-Advisers with other clients and may reduce Invesco Advisers' or the Affiliated Sub-Advisers' expenses. The Board also considered that it receives from Invesco Advisers periodic reports that include a representation to the effect that these arrangements are consistent with regulatory requirements. The Board did not deem the soft dollar arrangements to be inappropriate.

The Board considered that the Fund's uninvested cash and cash collateral from any securities lending arrangements may be invested in registered money market funds or, with regard to securities lending cash collateral, unregistered funds that comply with Rule 2a-7 (collectively referred to as "affiliated money market funds") advised by Invesco Advisers. The Board considered information regarding the returns of the affiliated money market funds relative to comparable overnight investments, as well as the fees paid by the affiliated money market funds to Invesco Advisers and its affiliates. In this regard, the Board noted that Invesco Advisers receives advisory fees from these affiliated money market funds attributable to the Fund's investments. The Board also noted that Invesco Advisers has contractually agreed to waive through varying periods an amount equal to 100% of the net advisory fee Invesco Advisers receives from the affiliated money market funds with respect to the Fund's investment in the affiliated money market funds of uninvested cash, but not cash collateral. The Board concluded that the advisory fees payable to Invesco Advisers from the Fund's investment of cash collateral from any securities lending arrangements in the affiliated money market funds are for services that are not duplicative of services provided by Invesco Advisers to the Fund.

The Board considered that Invesco Advisers may serve as the Fund's affiliated securities lending agent and evaluated the benefits realized by Invesco Advisers when serving in such role, including the compensation received. The Board considered Invesco Advisers' securities lending platform and corporate governance structure for securities lending, including Invesco Advisers' Securities Lending Governance Committee and its related responsibilities. The Board noted that to the extent the Fund utilizes Invesco Advisers as an affiliated securities lending agent, the Fund conducts its securities lending in accordance with, and in reliance upon, no-action letters issued by the SEC staff that provide guidance on how an affiliate may act as a direct agent lender and receive compensation for those services without obtaining exemptive relief. The Board considered information provided by Invesco Advisers related to the performance of Invesco Advisers as securities lending agent, including a summary of the securities lending services provided to the Fund by Invesco Advisers and the compensation paid to Invesco Advisers for such services, as well as any revenues generated for the Fund in connection with such securities lending activity and the allocation of such revenue between the Fund and Invesco Advisers.

The Board also received information about commissions that an affiliated broker may receive for executing certain trades for the Fund. Invesco Advisers and the Affiliated Sub-Advisers advised the Board of the benefits to the Fund of executing trades through the affiliated broker and that such trades were executed in compliance with rules under the federal securities laws and consistent with best execution obligations.