



# MFS<sup>®</sup> Income Portfolio

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MFS<sup>®</sup> Variable Insurance Trust II

# MFS® Income Portfolio

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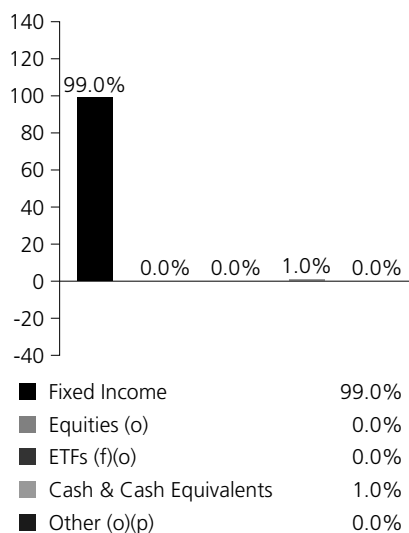
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**The report is prepared for the general information of shareholders. It is authorized for distribution to prospective investors only when preceded or accompanied by a current prospectus.**

NOT FDIC INSURED • MAY LOSE VALUE • NO BANK OR CREDIT UNION GUARANTEE •  
NOT A DEPOSIT • NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY OR NCUA/NCUSIF

## PORTFOLIO COMPOSITION

### Portfolio structure at value (v)



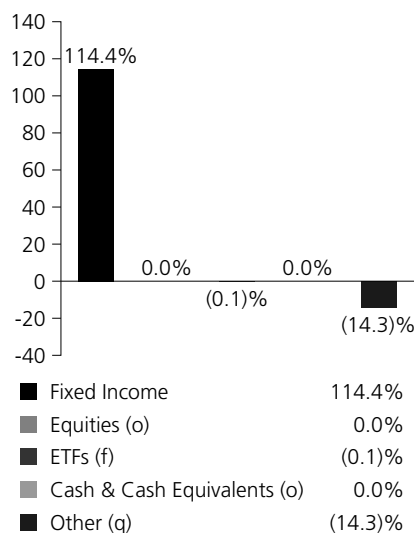
### Fixed income sectors (i)

U.S. Treasury Securities	39.6%
Investment Grade Corporates	34.1%
Collateralized Debt Obligations	12.8%
High Yield Corporates	10.8%
Mortgage-Backed Securities	6.0%
Emerging Markets Bonds	4.2%
Municipal Bonds	3.1%
Commercial Mortgage-Backed Securities	3.0%
Asset-Backed Securities	0.8%
U.S. Government Agencies (o)	0.0%

### Composition including fixed income credit quality (a)(i)

AAA	3.2%
AA	3.9%
A	13.7%
BBB	31.6%
BB	9.6%
B	3.9%
CCC	1.5%
D (o)	0.0%
U.S. Government	25.2%
Federal Agencies	6.0%
Not Rated	15.8%
Non-Fixed Income	(0.1)%
Cash & Cash Equivalents (o)	0.0%
Other (q)	(14.3)%

### Portfolio structure reflecting equivalent exposure of derivative positions (i)



### Portfolio facts

Average Duration (d)	6.3
Average Effective Maturity (m)	7.8 yrs.

## MFS Income Portfolio

### *Portfolio Composition - continued*

- (a) For all securities other than those specifically described below, ratings are assigned to underlying securities utilizing ratings from Moody's, Fitch, and Standard & Poor's rating agencies and applying the following hierarchy: If all three agencies provide a rating, the middle rating (after dropping the highest and lowest ratings) is assigned; if two of the three agencies rate a security, the lower of the two is assigned. If none of the 3 rating agencies above assign a rating, but the security is rated by DBRS Morningstar, then the DBRS Morningstar rating is assigned. If none of the 4 rating agencies listed above rate the security, but the security is rated by the Kroll Bond Rating Agency (KBRA), then the KBRA rating is assigned. Ratings are shown in the S&P and Fitch scale (e.g., AAA). Securities rated BBB or higher are considered investment grade. All ratings are subject to change. U.S. Government includes securities issued by the U.S. Department of the Treasury. Federal Agencies includes rated and unrated U.S. Agency fixed-income securities, U.S. Agency mortgage-backed securities, and collateralized mortgage obligations of U.S. Agency mortgage-backed securities. Not Rated includes fixed income securities and fixed income derivatives that have not been rated by any rating agency. Non-Fixed Income includes equity securities (including convertible bonds and equity derivatives), ETFs and Options on ETFs, and/or commodity-linked derivatives. The fund may or may not have held all of these instruments on this date. The fund is not rated by these agencies.
- (d) Duration is a measure of how much a bond's price is likely to fluctuate with general changes in interest rates, e.g., if rates rise 1.00%, a bond with a 5-year duration is likely to lose about 5.00% of its value due to the interest rate move. The Average Duration calculation reflects the impact of the equivalent exposure of derivative positions, if any.
- (f) For purposes of this presentation, ETFs includes indirect exposure to Exchange-Traded Funds (ETFs) or Options on ETFs held by the MFS High Yield Pooled Portfolio.
- (i) For purposes of this presentation, the components include the value of securities, and reflect the impact of the equivalent exposure of derivative positions, if any. These amounts may be negative from time to time. Equivalent exposure is a calculated amount that translates the derivative position into a reasonable approximation of the amount of the underlying asset that the portfolio would have to hold at a given point in time to have the same price sensitivity that results from the portfolio's ownership of the derivative contract. When dealing with derivatives, equivalent exposure is a more representative measure of the potential impact of a position on portfolio performance than value. The bond component will include any accrued interest amounts.
- (m) In determining each instrument's effective maturity for purposes of calculating the fund's dollar-weighted average effective maturity, MFS uses the instrument's stated maturity or, if applicable, an earlier date on which MFS believes it is probable that a maturity-shortening feature (such as a put, pre-refunding or prepayment) will cause the instrument to be repaid. Such an earlier date can be substantially shorter than the instrument's stated maturity.
- (o) Less than 0.1%.
- (p) For purposes of the presentation of Portfolio structure at value, Other includes the direct and indirect market value from currency derivatives and may be negative.
- (q) For purposes of this presentation, Other includes the direct and indirect equivalent exposure from currency derivatives and/or any offsets to derivative positions and may be negative.
- (v) For purposes of this presentation, market value of fixed income and/or equity derivatives, if any, is included in Cash & Cash Equivalents.

Where the fund holds convertible bonds, they are treated as part of the equity portion of the portfolio.

The fund invests a portion of its assets in the MFS High Yield Pooled Portfolio. Percentages include the indirect exposure to the underlying holdings, including investments in money market funds and Other, of the MFS High Yield Pooled Portfolio and not the direct exposure from investing in the MFS High Yield Pooled Portfolio itself.

Cash & Cash Equivalents includes any direct exposure to cash, direct and indirect exposure to investments in money market funds, cash equivalents, short-term securities, and other assets less liabilities. Please see the Statement of Assets and Liabilities for additional information related to the fund's direct cash position and other assets and liabilities.

Percentages are based on net assets as of June 30, 2023.

The portfolio is actively managed and current holdings may be different.

## EXPENSE TABLE

### Fund expenses borne by the shareholders during the period, January 1, 2023 through June 30, 2023

As a shareholder of the fund, you incur ongoing costs, including management fees; distribution and/or service (12b-1) fees; 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 the ongoing costs of investing in other mutual funds.

In addition to the fees and expenses which the fund bears directly, the fund indirectly bears a pro rata share of the fees and expenses of the MFS High Yield Pooled Portfolio, an underlying MFS Pooled Portfolio in which the fund invests. MFS Pooled Portfolios are mutual funds advised by MFS that do not pay management fees to MFS but do incur investment and operating costs. If these transactional and indirect costs were included, your costs would have been higher.

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.

### Actual Expenses

The first line for each share class in the following table provides information about actual account values and actual expenses. You may use the information in this line, 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 first line under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

### Hypothetical Example for Comparison Purposes

The second line for each share class in the following table 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 the fund's ongoing costs only and do not take into account the fees and expenses imposed under the variable contracts through which your investment in the fund is made. Therefore, the second line for each share class in the table is useful in comparing ongoing costs associated with an investment in vehicles (such as the fund) which fund benefits under variable annuity and variable life insurance contracts and to qualified pension and retirement plans only, and will not help you determine the relative total costs of investing in the fund through variable annuity and variable life insurance contracts. If the fees and expenses imposed under the variable contracts were included, your costs would have been higher.

Share Class		Annualized Expense Ratio	Beginning Account Value 1/01/23	Ending Account Value 6/30/23	Expenses Paid During Period (p) 1/01/23-6/30/23
Initial Class	Actual	0.75%	\$1,000.00	\$1,030.94	\$3.78
	Hypothetical (h)	0.75%	\$1,000.00	\$1,021.08	\$3.76
Service Class	Actual	1.00%	\$1,000.00	\$1,028.64	\$5.03
	Hypothetical (h)	1.00%	\$1,000.00	\$1,019.84	\$5.01

(h) 5% class return per year before expenses.

(p) "Expenses Paid During Period" are equal to each class's annualized expense ratio, as shown above, multiplied by the average account value over the period, multiplied by 181/365 (to reflect the one-half year period). In addition to the fees and expenses which the fund bears directly, the fund indirectly bears a pro rata share of the fees and expenses of the underlying funds in which the fund invests. If these indirect costs were included, your costs would have been higher.

### Notes to Expense Table

Changes to the fund's fee arrangements will occur during the fund's current fiscal year. Had these fee changes been in effect during the six month period, the annualized expense ratios, the actual expenses paid during the period, and the hypothetical expenses paid during the period would have been approximately 0.67%, \$3.37, and \$3.36 for Initial Class and 0.92%, \$4.63, and \$4.61 for Service Class, respectively. For further information about the fund's fee arrangements and changes to those fee arrangements, please see Note 3 in the Notes to Financial Statements.

**PORTFOLIO OF INVESTMENTS – 6/30/23 (unaudited)**

The Portfolio of Investments is a complete list of all securities owned by your fund. It is categorized by broad-based asset classes.

Issuer	Shares/Par	Value (\$)
<b>Bonds – 91.2%</b>		
<b>Aerospace &amp; Defense – 0.6%</b>		
Boeing Co., 2.95%, 2/01/2030	\$ 43,000	\$ 37,374
Boeing Co., 5.705%, 5/01/2040	34,000	33,915
Boeing Co., 5.805%, 5/01/2050	121,000	120,559
		\$ 191,848
<b>Asset-Backed &amp; Securitized – 16.5%</b>		
Allegro CLO Ltd., 2014-1RA, "C", FLR, 8.261% (LIBOR - 3mo. + 3%), 10/21/2028 (n)	\$ 250,000	\$ 241,354
Arbor Realty Trust, Inc., CLO, 2021-FL1, "D", FLR, 8.169% (LIBOR - 1mo. + 2.95%), 12/15/2035 (n)	100,000	95,130
Arbor Realty Trust, Inc., CLO, 2021-FL3, "D", FLR, 7.393% (LIBOR - 1mo. + 2.2%), 8/15/2034 (n)	100,000	92,397
Arbor Realty Trust, Inc., CLO, 2021-FL4, "D", FLR, 8.093% (LIBOR - 1mo. + 2.9%), 11/15/2036 (n)	256,500	242,963
AREIT 2019-CRE3 Trust, "D", FLR, 7.866% (LIBOR - 1mo. + 2.65%), 9/14/2036 (n)	271,000	244,857
Bayview Financial Revolving Mortgage Loan Trust, FLR, 6.777% (LIBOR - 1mo. + 1.6%), 12/28/2040 (n)	47,548	63,159
BSPT 2019-FL5 Issuer Ltd., "C", FLR, 7.193% (LIBOR - 1mo. + 2%), 5/15/2029 (n)	245,000	238,579
Business Jet Securities LLC, 2020-1A, "A", 2.981%, 11/15/2035 (n)	26,789	25,310
Capital Automotive, 2020-1A, "B1", REIT, 4.17%, 2/15/2050 (n)	110,227	102,535
CLNC 2019-FL1 Ltd., "C", FLR, 7.605% (LIBOR - 1mo. + 2.4%), 8/20/2035 (n)	265,000	253,132
Commercial Equipment Finance 2021-A, LLC, "A", 2.05%, 2/16/2027 (n)	62,779	60,736
Commercial Mortgage Trust, 2015-PC1, "A5", 3.902%, 7/10/2050	346,107	330,706
Crest Ltd., CDO, 7% (0.001% Cash or 7% PIK), 1/28/2040 (a)(p)	898,055	9
Cutwater 2015-1A Ltd., "BR", FLR, 7.06% (LIBOR - 3mo. + 1.8%), 1/15/2029 (n)	250,000	246,907
KREF 2021-FL2 Ltd., "D", FLR, 7.358% (LIBOR - 1mo. + 2.2%), 2/15/2039 (n)	163,000	148,535
LCCM 2021-FL2 Trust, "C", FLR, 7.411% (LIBOR - 1mo. + 2.15%), 12/13/2038 (n)	100,000	91,065
LoanCore 2018-CRE1 Ltd., "C", FLR, 7.743% (LIBOR - 1mo. + 2.55%), 5/15/2028 (n)	260,000	254,546
LoanCore 2018-CRE1 Ltd., "C", FLR, 7.143% (LIBOR - 1mo. + 1.95%), 4/15/2034 (n)	219,150	215,105
LoanCore 2019-CRE2 Ltd., "D", FLR, 7.643% (LIBOR - 1mo. + 2.45%), 5/15/2036 (n)	209,000	192,730
MF1 2020-FL4 Ltd., "B", FLR, 8.011% (LIBOR - 1mo. + 2.75%), 11/15/2035 (n)	250,000	246,245
Neuberger Berman CLO Ltd., 2013-15A, "CR2", FLR, 7.11% (LIBOR - 3mo. + 1.85%), 10/15/2029 (n)	250,000	238,608
Oaktree CLO 2019-1A Ltd., "CR", FLR, 7.622% (LIBOR - 3mo. + 2.35%), 4/22/2030 (n)	263,644	252,790
Palmer Square Loan Funding 2020-1A Ltd., "B", FLR, 7.279% (LIBOR - 3mo. + 1.9%), 2/20/2028 (n)	250,000	247,666
Parallel 2015-1A Ltd., "DR", FLR, 7.8% (LIBOR - 3mo. + 2.55%), 7/20/2027 (n)	250,000	248,427
Race Point CLO Ltd., 2013-8A, "CR2", FLR, 7.429% (LIBOR - 3mo. + 2.05%), 2/20/2030 (n)	250,000	238,869
ReadyCap Commercial Mortgage Trust, 2021-FL7, "D", FLR, 8.1% (LIBOR - 1mo. + 2.95%), 11/25/2036 (n)	120,000	107,775
UBS Commercial Mortgage Trust, 2017-C7, "A4", 3.679%, 12/15/2050	155,000	140,521
Voya CLO 2012-4A Ltd., "C1R3", FLR, 8.547% (LIBOR - 3mo. + 3.3%), 10/15/2030 (n)	250,000	227,305
		\$ 5,087,961
<b>Broadcasting – 0.7%</b>		
Discovery Communications LLC, 4.65%, 5/15/2050	\$ 95,000	\$ 72,366
WarnerMedia Holdings, Inc., 5.141%, 3/15/2052	157,000	127,837
		\$ 200,203
<b>Brokerage &amp; Asset Managers – 1.3%</b>		
Charles Schwab Corp., 5% to 6/01/2027, FLR (CMT - 5yr. + 3.256%) to 6/01/2170	\$ 86,000	\$ 72,065
Morgan Stanley Domestic Holdings, Inc., 4.5%, 6/20/2028	217,000	209,017
Raymond James Financial, Inc., 4.65%, 4/01/2030	134,000	130,510
		\$ 411,592
<b>Business Services – 0.6%</b>		
Global Payments, Inc., 2.9%, 5/15/2030	\$ 120,000	\$ 101,709
RELX Capital, Inc., 3%, 5/22/2030	76,000	67,755
		\$ 169,464

## Portfolio of Investments (unaudited) – continued

Issuer		Shares/Par	Value (\$)
<b>Bonds – continued</b>			
<b>Cable TV – 0.6%</b>			
Charter Communications Operating LLC/Charter Communications Operating Capital Corp., 3.9%, 6/01/2052	\$	176,000	\$ 115,168
Time Warner Cable, Inc., 4.5%, 9/15/2042		77,000	57,596
			\$ 172,764
<b>Computer Software – 0.7%</b>			
Dell International LLC/EMC Corp., 5.3%, 10/01/2029	\$	149,000	\$ 147,914
Oracle Corp., 6.15%, 11/09/2029		51,000	53,120
			\$ 201,034
<b>Conglomerates – 0.9%</b>			
Westinghouse Air Brake Technologies Corp., 4.95%, 9/15/2028	\$	304,000	\$ 292,820
<b>Consumer Services – 0.7%</b>			
Expedia Group, Inc., 3.25%, 2/15/2030	\$	81,000	\$ 70,498
Toll Road Investors Partnership II LP, Capital Appreciation, NPF, 0%, 2/15/2026 (n)		46,000	38,230
Toll Road Investors Partnership II LP, Capital Appreciation, NPF, 0%, 2/15/2029 (n)		132,000	89,260
Toll Road Investors Partnership II LP, Capital Appreciation, NPF, 0%, 2/15/2031 (n)		46,000	27,551
			\$ 225,539
<b>Electronics – 0.9%</b>			
Broadcom, Inc., 4.3%, 11/15/2032	\$	96,000	\$ 88,059
Broadcom, Inc., 3.187%, 11/15/2036 (n)		245,000	185,159
			\$ 273,218
<b>Emerging Market Quasi-Sovereign – 0.9%</b>			
Ipoteka Bank (Republic of Uzbekistan), 5.5%, 11/19/2025	\$	200,000	\$ 184,300
Petroleos Mexicanos, 5.95%, 1/28/2031		108,000	78,899
			\$ 263,199
<b>Emerging Market Sovereign – 1.2%</b>			
Dominican Republic, 4.875%, 9/23/2032 (n)	\$	150,000	\$ 127,484
Hashemite Kingdom of Jordan, 7.375%, 10/10/2047		200,000	172,004
Republic of Cote d'Ivoire, 4.875%, 1/30/2032 (n)	EUR	100,000	84,771
			\$ 384,259
<b>Energy - Independent – 1.1%</b>			
EQT Corp., 5%, 1/15/2029	\$	190,000	\$ 178,883
Leviathan Bond Ltd., 6.75%, 6/30/2030 (n)		175,000	162,838
			\$ 341,721
<b>Energy - Integrated – 0.1%</b>			
Cenovus Energy, Inc., 3.75%, 2/15/2052	\$	50,000	\$ 35,385
<b>Financial Institutions – 3.1%</b>			
AerCap Ireland Capital DAC/AerCap Global Aviation Trust, 3.65%, 7/21/2027	\$	195,000	\$ 178,590
Air Lease Corp., 5.85%, 12/15/2027		232,000	231,688
Air Lease Corp., 2.875%, 1/15/2032		200,000	160,590
Avolon Holdings Funding Ltd., 3.25%, 2/15/2027 (n)		48,000	42,763
Avolon Holdings Funding Ltd., 2.75%, 2/21/2028 (n)		194,000	163,431
Shriram Transport Finance Co. Ltd., 4.4%, 3/13/2024 (n)		200,000	195,258
			\$ 972,320

## MFS Income Portfolio

Portfolio of Investments (unaudited) – continued

Issuer	Shares/Par	Value (\$)
<b>Bonds – continued</b>		
<b>Food &amp; Beverages – 1.5%</b>		
Bacardi Ltd., 5.15%, 5/15/2038 (n)	\$ 115,000	\$ 107,824
Central America Bottling Co., 5.25%, 4/27/2029 (n)	199,000	183,780
PT Indofood CBP Sukses Makmur Tbk, 3.541%, 4/27/2032	200,000	167,500
		\$ 459,104
<b>Gaming &amp; Lodging – 0.8%</b>		
GLP Capital LP/GLP Financing II, Inc., 4%, 1/15/2030	\$ 118,000	\$ 102,266
GLP Capital LP/GLP Financing II, Inc., 4%, 1/15/2031	45,000	38,905
Marriott International, Inc., 4.625%, 6/15/2030	63,000	60,321
Marriott International, Inc., 2.85%, 4/15/2031	61,000	51,289
		\$ 252,781
<b>Insurance – 0.7%</b>		
Corebridge Financial, Inc., 4.35%, 4/05/2042	\$ 20,000	\$ 16,138
Corebridge Financial, Inc., 4.4%, 4/05/2052	60,000	47,171
Corebridge Financial, Inc., 6.875% to 12/15/2027, FLR (CMT - 5yr. + 3.846%) to 12/15/2052	150,000	143,773
		\$ 207,082
<b>Insurance - Health – 0.7%</b>		
Humana, Inc., 5.875%, 3/01/2033	\$ 196,000	\$ 203,684
<b>Insurance - Property &amp; Casualty – 1.9%</b>		
Allied World Assurance Co. Holdings Ltd., 4.35%, 10/29/2025	\$ 191,000	\$ 181,354
Aon Corp., 4.5%, 12/15/2028	115,000	110,648
Fairfax Financial Holdings Ltd., 4.85%, 4/17/2028	283,000	272,362
Fairfax Financial Holdings Ltd., 3.375%, 3/03/2031	15,000	12,661
		\$ 577,025
<b>Machinery &amp; Tools – 0.6%</b>		
Ashtead Capital, Inc., 5.5%, 8/11/2032 (n)	\$ 200,000	\$ 193,373
<b>Major Banks – 6.8%</b>		
Bank of America Corp., 4.271% to 7/23/2028, FLR (LIBOR - 3mo. + 1.31%) to 7/23/2029	\$ 61,000	\$ 57,876
Bank of America Corp., 2.572% to 10/20/2031, FLR (SOFR + 1.21%) to 10/20/2032	415,000	338,018
Bank of America Corp., 3.846% to 3/08/2032, FLR (CMT - 1yr. + 2%) to 3/08/2037	215,000	183,852
Bank of New York Mellon Corp., 4.7% to 9/20/2025, FLR (CMT - 5yr. + 4.358%) to 9/20/2070	200,000	194,250
Barclays PLC, 7.437% to 11/02/2032, FLR (CMT - 1yr. + 3.5%) to 11/02/2033	200,000	216,378
Goldman Sachs Group, Inc., 3.102% to 2/24/2032, FLR (SOFR - 1 day + 1.41%) to 2/24/2033	148,000	125,024
HSBC Holdings PLC, 4.7% to 9/09/2031, FLR (CMT - 1yr. + 3.25%) to 9/09/2169	200,000	149,582
JPMorgan Chase & Co., 2.956% to 5/13/2030, FLR (SOFR - 1 day + 2.515%) to 5/13/2031	81,000	69,453
JPMorgan Chase & Co., 3.882% to 7/24/2037, FLR (LIBOR - 3mo. + 1.36%) to 7/24/2038	83,000	71,624
UBS Group AG, 4.375% to 2/10/2031, FLR (CMT - 1yr. + 3.313%) to 8/10/2069 (n)	200,000	140,888
Wells Fargo & Co., 3.35% to 3/02/2032, FLR (SOFR - 1 day + 1.5%) to 3/02/2033	429,000	367,161
Wells Fargo & Co., 3.9% to 3/15/2026, FLR (CMT - 1yr. + 3.453%) to 3/15/2071	215,000	189,286
		\$ 2,103,392
<b>Medical &amp; Health Technology &amp; Services – 2.9%</b>		
Alcon Finance Corp., 5.75%, 12/06/2052 (n)	\$ 200,000	\$ 210,377
HCA, Inc., 4.625%, 3/15/2052 (n)	343,000	281,859
ProMedica Toledo Hospital, "B", 5.325%, 11/15/2028	239,000	193,590
ProMedica Toledo Hospital, "B", AGM, 5.75%, 11/15/2038	89,000	87,601
Tower Health, 4.451%, 2/01/2050	270,000	122,175
		\$ 895,602



## Portfolio of Investments (unaudited) – continued

Issuer	Shares/Par	Value (\$)
<b>Bonds – continued</b>		
<b>Metals &amp; Mining – 0.2%</b>		
Glencore Funding LLC, 2.85%, 4/27/2031 (n)	\$ 88,000	\$ 72,638
<b>Midstream – 3.0%</b>		
Cheniere Corpus Christi Holdings LLC, 2.742%, 12/31/2039	\$ 81,000	\$ 63,842
Enbridge, Inc., 3.125%, 11/15/2029	150,000	132,443
Enbridge, Inc., 2.5%, 8/01/2033	170,000	132,762
Energy Transfer LP, 5.75%, 2/15/2033	188,000	189,231
MPLX LP, 4.5%, 4/15/2038	199,000	171,285
Plains All American Pipeline LP, 3.8%, 9/15/2030	135,000	119,784
Sabine Pass Liquefaction LLC, 4.5%, 5/15/2030	53,000	50,380
Targa Resources Corp., 4.95%, 4/15/2052	82,000	67,751
		<u>\$ 927,478</u>
<b>Mortgage-Backed – 6.0%</b>		
Fannie Mae, 6.5%, 4/01/2032	\$ 7,947	\$ 8,209
Fannie Mae, 3%, 2/25/2033 (i)	30,666	2,682
Fannie Mae, 5.5%, 9/01/2034	2,690	2,703
Fannie Mae, UMBS, 4.5%, 6/01/2038	75,000	73,562
Fannie Mae, UMBS, 5%, 6/01/2038 - 5/01/2053	249,983	245,990
Freddie Mac, UMBS, 6%, 1/01/2053	150,000	151,314
Freddie Mac, UMBS, 4.5%, 5/01/2053	150,000	144,227
Freddie Mac, UMBS, 5.5%, 6/01/2053	75,000	74,647
Ginnie Mae, 5%, 5/20/2053	150,000	147,438
Ginnie Mae, TBA, 6%, 7/01/2053	125,000	126,133
Ginnie Mae, TBA, 5%, 7/20/2053	200,000	196,531
Ginnie Mae, TBA, 5.5%, 7/20/2053	300,000	298,594
UMBS, TBA, 4.5%, 7/18/2038	75,000	73,535
UMBS, TBA, 5%, 7/18/2038	75,000	74,505
UMBS, TBA, 3%, 7/13/2053	175,000	154,007
UMBS, TBA, 5.5%, 7/13/2053	75,000	74,637
		<u>\$ 1,848,714</u>
<b>Municipals – 3.0%</b>		
Bridgeview, IL, Stadium and Redevelopment Projects, Taxable, AAC, 5.14%, 12/01/2036	\$ 195,000	\$ 176,598
Escambia County, FL, Health Facilities Authority Rev., Taxable (Baptist Health Care Corp.), "B", AGM, 3.607%, 8/15/2040	270,000	211,528
New Jersey Economic Development Authority State Pension Funding Rev., Taxable, "A", NPMF, 7.425%, 2/15/2029	177,000	190,112
Port Beaumont, TX, Industrial Development Authority Facility Rev., Taxable (Jefferson Gulf Coast Energy Project), "B", 4.1%, 1/01/2028 (n)	245,000	193,782
Puerto Rico Electric Power Authority Rev., "A", 5%, 7/01/2042 (a)(d)	5,000	1,875
Puerto Rico Electric Power Authority Rev., "ZZ", 5%, 7/01/2018 (a)(d)	75,000	28,125
Puerto Rico Sales Tax Financing Corp., Restructured Sales Tax Rev., Capital Appreciation, Taxable, "2019A-1", 4.55%, 7/01/2040	174,000	134,917
		<u>\$ 936,937</u>
<b>Other Banks &amp; Diversified Financials – 2.1%</b>		
Ally Financial, Inc., 6.7%, 2/14/2033	\$ 183,000	\$ 161,916
Discover Financial Services, 6.7%, 11/29/2032	161,000	165,867
Macquarie Group Ltd., 4.442% to 6/21/2032, FLR (SOFR - 1 day + 2.405%) to 6/21/2033 (n)	376,000	335,292
		<u>\$ 663,075</u>
<b>Real Estate - Apartment – 0.2%</b>		
Mid-America Apartments LP, 2.75%, 3/15/2030	\$ 82,000	\$ 71,039
<b>Real Estate - Office – 0.5%</b>		
Boston Properties LP, REIT, 2.55%, 4/01/2032	\$ 209,000	\$ 157,499

## MFS Income Portfolio

Portfolio of Investments (unaudited) – continued

Issuer	Shares/Par	Value (\$)
<b>Bonds – continued</b>		
<b>Retailers – 0.3%</b>		
Alimentation Couche-Tard, Inc., 2.95%, 1/25/2030 (n)	\$ 65,000	\$ 55,831
Nordstrom, Inc., 2.3%, 4/08/2024	51,000	49,074
		<u>\$ 104,905</u>
<b>Specialty Stores – 0.7%</b>		
DICK’S Sporting Goods, 3.15%, 1/15/2032	\$ 274,000	\$ 224,510
<b>Telecommunications - Wireless – 1.4%</b>		
Cellnex Finance Co. S.A., 3.875%, 7/07/2041 (n)	\$ 200,000	\$ 146,540
Crown Castle, Inc., REIT, 4.15%, 7/01/2050	75,000	59,503
Rogers Communications, Inc., 4.35%, 5/01/2049	223,000	176,126
Rogers Communications, Inc., 4.55%, 3/15/2052 (n)	58,000	46,645
		<u>\$ 428,814</u>
<b>Tobacco – 1.2%</b>		
B.A.T. Capital Corp., 3.215%, 9/06/2026	\$ 231,000	\$ 214,694
Philip Morris International, Inc., 5.75%, 11/17/2032	146,000	149,515
		<u>\$ 364,209</u>
<b>U.S. Government Agencies and Equivalents – 0.1%</b>		
Small Business Administration, 4.77%, 4/01/2024	\$ 1,880	\$ 1,854
Small Business Administration, 4.99%, 9/01/2024	1,710	1,679
Small Business Administration, 4.86%, 1/01/2025	2,748	2,709
Small Business Administration, 4.625%, 2/01/2025	4,758	4,649
Small Business Administration, 5.11%, 8/01/2025	3,917	3,854
		<u>\$ 14,745</u>
<b>U.S. Treasury Obligations – 25.0%</b>		
U.S. Treasury Bonds, 1.375%, 11/15/2040	\$ 1,000,000	\$ 669,063
U.S. Treasury Bonds, 2.375%, 2/15/2042	1,200,000	934,266
U.S. Treasury Bonds, 4%, 11/15/2042	266,000	264,296
U.S. Treasury Bonds, 2.25%, 2/15/2052	263,000	190,059
U.S. Treasury Notes, 2.25%, 3/31/2024	182,000	177,741
U.S. Treasury Notes, 4.25%, 9/30/2024	1,000,000	986,875
U.S. Treasury Notes, 3.875%, 3/31/2025	300,000	294,105
U.S. Treasury Notes, 0.25%, 9/30/2025	210,000	190,206
U.S. Treasury Notes, 0.875%, 6/30/2026 (f)	2,650,000	2,387,691
U.S. Treasury Notes, 2.5%, 3/31/2027	1,757,000	1,646,570
		<u>\$ 7,740,872</u>
<b>Utilities - Electric Power – 1.7%</b>		
American Electric Power Co., Inc., 5.95%, 11/01/2032	\$ 98,000	\$ 102,177
Enel Finance International N.V., 7.5%, 10/14/2032 (n)	200,000	221,744
FirstEnergy Corp., 5.1%, 7/15/2047	17,000	15,249
Jersey Central Power & Light Co., 2.75%, 3/01/2032 (n)	34,000	28,044
Pacific Gas & Electric Co., 3.5%, 8/01/2050	250,000	159,026
		<u>\$ 526,240</u>
<b>Total Bonds (Identified Cost, \$31,229,237)</b>		<b>\$ 28,197,045</b>
<b>Investment Companies (h) – 11.5%</b>		
<b>Bond Funds – 8.1%</b>		
MFS High Yield Pooled Portfolio (v)	313,182	\$ 2,492,928

## Portfolio of Investments (unaudited) – continued

Issuer	Shares/Par	Value (\$)
<b>Investment Companies (h) – continued</b>		
<b>Money Market Funds – 3.4%</b>		
MFS Institutional Money Market Portfolio, 5.04% (v)	1,045,063	\$ 1,045,272
<b>Total Investment Companies (Identified Cost, \$3,643,646)</b>		<b>\$ 3,538,200</b>
Other Assets, Less Liabilities – (2.7)%		(821,415)
<b>Net Assets – 100.0%</b>		<b>\$ 30,913,830</b>

- (a) Non-income producing security.
- (d) In default.
- (f) All or a portion of the security has been segregated as collateral for open futures contracts.
- (h) An affiliated issuer, which may be considered one in which the fund owns 5% or more of the outstanding voting securities, or a company which is under common control. At period end, the aggregate values of the fund's investments in affiliated issuers and in unaffiliated issuers were \$3,538,200 and \$28,197,045, respectively.
- (i) Interest only security for which the fund receives interest on notional principal (Par amount). Par amount shown is the notional principal and does not reflect the cost of the security.
- (n) Securities exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be sold in the ordinary course of business in transactions exempt from registration, normally to qualified institutional buyers. At period end, the aggregate value of these securities was \$7,952,087, representing 25.7% of net assets.
- (p) Payment-in-kind (PIK) security for which interest income may be received in additional securities and/or cash.
- (v) Affiliated issuer that is available only to investment companies managed by MFS. The rate quoted for the MFS Institutional Money Market Portfolio is the annualized seven-day yield of the fund at period end.

The following abbreviations are used in this report and are defined:

AAC	Ambac Assurance Corp.
AGM	Assured Guaranty Municipal
CDO	Collateralized Debt Obligation
CLO	Collateralized Loan Obligation
CMT	Constant Maturity Treasury
FLR	Floating Rate. Interest rate resets periodically based on the parenthetically disclosed reference rate plus a spread (if any). The period-end rate reported may not be the current rate. All reference rates are USD unless otherwise noted.
LIBOR	London Interbank Offered Rate
NPFG	National Public Finance Guarantee Corp.
REIT	Real Estate Investment Trust
SOFR	Secured Overnight Financing Rate
TBA	To Be Announced
UMBS	Uniform Mortgage-Backed Security

Abbreviations indicate amounts shown in currencies other than the U.S. dollar. All amounts are stated in U.S. dollars unless otherwise indicated. A list of abbreviations is shown below:

EUR Euro

**Derivative Contracts at 6/30/23****Forward Foreign Currency Exchange Contracts**

Currency Purchased	Currency Sold	Counterparty	Settlement Date	Unrealized Appreciation (Depreciation)
<b>Asset Derivatives</b>				
USD 89,323	EUR 81,101	Morgan Stanley Capital Services, Inc.	7/21/2023	<u>\$757</u>

## MFS Income Portfolio

*Portfolio of Investments (unaudited) – continued*

### Futures Contracts

Description	Long/ Short	Currency	Contracts	Notional Amount	Expiration Date	Value/Unrealized Appreciation (Depreciation)
<b>Asset Derivatives</b>						
<b>Interest Rate Futures</b>						
U.S. Treasury Ultra Bond 30 yr	Long	USD	14	\$1,907,062	September – 2023	<u>\$22,690</u>
<b>Liability Derivatives</b>						
<b>Interest Rate Futures</b>						
U.S. Treasury Note 2 yr	Long	USD	7	\$1,423,406	September – 2023	\$(15,090)
U.S. Treasury Note 5 yr	Long	USD	10	1,070,938	September – 2023	<u>(20,097)</u>
						<u>\$(35,187)</u>

At June 30, 2023, the fund had liquid securities with an aggregate value of \$119,836 to cover any collateral or margin obligations for certain derivative contracts.

**See Notes to Financial Statements**

# FINANCIAL STATEMENTS | STATEMENT OF ASSETS AND LIABILITIES

## (unaudited)

This statement represents your fund's balance sheet, which details the assets and liabilities comprising the total value of the fund.

At 6/30/23

<b>Assets</b>	
Investments in unaffiliated issuers, at value (identified cost, \$31,229,237)	\$28,197,045
Investments in affiliated issuers, at value (identified cost, \$3,643,646)	3,538,200
Cash	582
Receivables for	
Forward foreign currency exchange contracts	757
Net daily variation margin on open futures contracts	17,326
Investments sold	5,731
Fund shares sold	4,268
Interest	257,983
Receivable from investment adviser	5,850
Other assets	200
<b>Total assets</b>	<b>\$32,027,942</b>
<b>Liabilities</b>	
Payables for	
TBA purchase commitments	\$1,002,592
Fund shares reacquired	34,432
Payable to affiliates	
Administrative services fee	96
Shareholder servicing costs	2
Distribution and/or service fees	42
Payable for independent Trustees' compensation	72
Accrued expenses and other liabilities	76,876
<b>Total liabilities</b>	<b>\$1,114,112</b>
<b>Net assets</b>	<b>\$30,913,830</b>
<b>Net assets consist of</b>	
Paid-in capital	\$36,149,870
Total distributable earnings (loss)	(5,236,040)
<b>Net assets</b>	<b>\$30,913,830</b>
Shares of beneficial interest outstanding	3,715,646

	<b>Net assets</b>	<b>Shares outstanding</b>	<b>Net asset value per share</b>
Initial Class	\$27,836,492	3,343,226	\$8.33
Service Class	3,077,338	372,420	8.26

See Notes to Financial Statements

## FINANCIAL STATEMENTS | STATEMENT OF OPERATIONS (unaudited)

This statement describes how much your fund earned in investment income and accrued in expenses. It also describes any gains and/or losses generated by fund operations.

### Six months ended 6/30/23

#### Net investment income (loss)

Income	
Interest	\$692,820
Dividends from affiliated issuers	85,296
Other	25
Total investment income	\$778,141
Expenses	
Management fee	\$77,102
Distribution and/or service fees	3,417
Shareholder servicing costs	1,510
Administrative services fee	8,679
Independent Trustees' compensation	1,537
Custodian fee	5,300
Shareholder communications	2,930
Audit and tax fees	41,337
Legal fees	215
Miscellaneous	17,325
Total expenses	\$159,352
Reduction of expenses by investment adviser	(39,820)
Net expenses	\$119,532
Net investment income (loss)	\$658,609

#### Realized and unrealized gain (loss)

Realized gain (loss) (identified cost basis)	
Unaffiliated issuers	\$(145,099)
Affiliated issuers	(49,783)
Futures contracts	(39,776)
Forward foreign currency exchange contracts	(8,461)
Foreign currency	155
Net realized gain (loss)	\$(242,964)
Change in unrealized appreciation or depreciation	
Unaffiliated issuers	\$435,333
Affiliated issuers	69,572
Futures contracts	14,100
Forward foreign currency exchange contracts	7,756
Translation of assets and liabilities in foreign currencies	(85)
Net unrealized gain (loss)	\$526,676
Net realized and unrealized gain (loss)	\$283,712
Change in net assets from operations	\$942,321

#### See Notes to Financial Statements

## FINANCIAL STATEMENTS | STATEMENTS OF CHANGES IN NET ASSETS

These statements describe the increases and/or decreases in net assets resulting from operations, any distributions, and any shareholder transactions.

	Six months ended 6/30/23 (unaudited)	Year ended 12/31/22
<b>Change in net assets</b>		
<b>From operations</b>		
Net investment income (loss)	\$658,609	\$1,005,096
Net realized gain (loss)	(242,964)	(2,463,388)
Net unrealized gain (loss)	526,676	(3,961,261)
Change in net assets from operations	\$942,321	\$(5,419,553)
Total distributions to shareholders	\$—	\$(1,473,035)
Change in net assets from fund share transactions	\$(863,185)	\$(3,982,593)
Total change in net assets	\$79,136	\$(10,875,181)
<b>Net assets</b>		
At beginning of period	30,834,694	41,709,875
At end of period	\$30,913,830	\$30,834,694

See Notes to Financial Statements

## FINANCIAL STATEMENTS | FINANCIAL HIGHLIGHTS

The financial highlights table is intended to help you understand the fund's financial performance for the semiannual period and the past 5 fiscal years. Certain information reflects financial results for a single fund share. The total returns in the table represent the rate that an investor would have earned (or lost) on an investment in the fund share class (assuming reinvestment of all distributions) held for the entire period.

Initial Class	Six months ended 6/30/23 (unaudited)	Year ended				
		12/31/22	12/31/21	12/31/20	12/31/19	12/31/18
Net asset value, beginning of period	\$8.08	\$9.81	\$10.51	\$9.98	\$9.26	\$9.84
<b>Income (loss) from investment operations</b>						
Net investment income (loss) (d)	\$0.18	\$0.26	\$0.23	\$0.29	\$0.33	\$0.33
Net realized and unrealized gain (loss)	0.07	(1.59)	(0.17)	0.63	0.74	(0.52)
Total from investment operations	\$0.25	\$(1.33)	\$0.06	\$0.92	\$1.07	\$(0.19)
<b>Less distributions declared to shareholders</b>						
From net investment income	\$—	\$(0.31)	\$(0.33)	\$(0.39)	\$(0.35)	\$(0.39)
From net realized gain	—	(0.09)	(0.43)	—	—	—
Total distributions declared to shareholders	\$—	\$(0.40)	\$(0.76)	\$(0.39)	\$(0.35)	\$(0.39)
Net asset value, end of period (x)	\$8.33	\$8.08	\$9.81	\$10.51	\$9.98	\$9.26
Total return (%) (k)(r)(s)(x)	3.09(n)	(13.71)	0.47	9.35	11.60	(1.99)
<b>Ratios (%) (to average net assets) and Supplemental data:</b>						
Expenses before expense reductions (h)	1.01(a)	1.00	0.89	0.89	1.01	1.03
Expenses after expense reductions (h)	0.75(a)	0.75	0.75	0.75	0.78	0.80
Net investment income (loss)	4.29(a)	2.97	2.28	2.83	3.32	3.42
Portfolio turnover	17(n)	58	72	112	104	59
Net assets at end of period (000 omitted)	\$27,836	\$28,129	\$36,163	\$41,438	\$38,670	\$38,111

**See Notes to Financial Statements**



## Financial Highlights - continued

Service Class	Six months ended 6/30/23 (unaudited)	Year ended				
		12/31/22	12/31/21	12/31/20	12/31/19	12/31/18
Net asset value, beginning of period	\$8.03	\$9.72	\$10.43	\$9.90	\$9.19	\$9.75
<b>Income (loss) from investment operations</b>						
Net investment income (loss) (d)	\$0.17	\$0.22	\$0.21	\$0.26	\$0.30	\$0.30
Net realized and unrealized gain (loss)	0.06	(1.55)	(0.19)	0.63	0.74	(0.50)
Total from investment operations	\$0.23	\$(1.33)	\$0.02	\$0.89	\$1.04	\$(0.20)
<b>Less distributions declared to shareholders</b>						
From net investment income	\$—	\$(0.27)	\$(0.30)	\$(0.36)	\$(0.33)	\$(0.36)
From net realized gain	—	(0.09)	(0.43)	—	—	—
Total distributions declared to shareholders	\$—	\$(0.36)	\$(0.73)	\$(0.36)	\$(0.33)	\$(0.36)
Net asset value, end of period (x)	\$8.26	\$8.03	\$9.72	\$10.43	\$9.90	\$9.19
Total return (%) (k)(r)(s)(x)	2.86(n)	(13.85)	0.10	9.11	11.29	(2.11)
<b>Ratios (%) (to average net assets) and Supplemental data:</b>						
Expenses before expense reductions (h)	1.26(a)	1.24	1.14	1.14	1.26	1.28
Expenses after expense reductions (h)	1.00(a)	1.00	1.00	1.00	1.03	1.05
Net investment income (loss)	4.04(a)	2.54	2.03	2.59	3.07	3.17
Portfolio turnover	17(n)	58	72	112	104	59
Net assets at end of period (000 omitted)	\$3,077	\$2,705	\$5,547	\$5,825	\$6,371	\$6,614

(a) Annualized.

(d) Per share data is based on average shares outstanding.

(h) In addition to the fees and expenses which the fund bears directly, the fund indirectly bears a pro rata share of the fees and expenses of the underlying affiliated funds in which the fund invests. Accordingly, the expense ratio for the fund reflects only those fees and expenses borne directly by the fund.

Because the underlying affiliated funds have varied expense and fee levels and the fund may own different proportions of the underlying affiliated funds at different times, the amount of fees and expenses incurred indirectly by the fund will vary.

(k) The total return does not reflect expenses that apply to separate accounts. Inclusion of these charges would reduce the total return figures for all periods shown.

(n) Not annualized.

(r) Certain expenses have been reduced without which performance would have been lower.

(s) From time to time the fund may receive proceeds from litigation settlements, without which performance would be lower.

(x) The net asset values and total returns have been calculated on net assets which include adjustments made in accordance with U.S. generally accepted accounting principles required at period end for financial reporting purposes.

## See Notes to Financial Statements

## NOTES TO FINANCIAL STATEMENTS (unaudited)

### (1) Business and Organization

MFS Income Portfolio (the fund) is a diversified series of MFS Variable Insurance Trust II (the trust). The trust is organized as a Massachusetts business trust and is registered under the Investment Company Act of 1940, as amended, as an open-end management investment company. The shareholders of each series of the trust are separate accounts of insurance companies, which offer variable annuity and/or life insurance products, and qualified retirement and pension plans.

The fund is an investment company and accordingly follows the investment company accounting and reporting guidance of the Financial Accounting Standards Board (FASB) Accounting Standards Codification Topic 946 Financial Services - Investment Companies.

### (2) Significant Accounting Policies

**General** — The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of increases and decreases in net assets from operations during the reporting period. Actual results could differ from those estimates. In the preparation of these financial statements, management has evaluated subsequent events occurring after the date of the fund's Statement of Assets and Liabilities through the date that the financial statements were issued. The fund invests in the MFS High Yield Pooled Portfolio ("High Yield Pooled Portfolio"). MFS does not receive a management fee from the High Yield Pooled Portfolio. The High Yield Pooled Portfolio's investment objective is to seek total return with an emphasis on high current income, but also considering capital appreciation. The accounting policies of the High Yield Pooled Portfolio are outlined in its shareholder report, which is available without charge by calling 1-800-225-2606 and on the Securities and Exchange Commission (SEC) web site at <http://www.sec.gov>. The accounting policies detailed in the Significant Accounting Policies note cover both the fund and the High Yield Pooled Portfolio. For purposes of this policy disclosure, "fund" refers to both the fund and the High Yield Pooled Portfolio in which the fund invests. The High Yield Pooled Portfolio's shareholder report is not covered by this report. The fund and the High Yield Pooled Portfolio invest in high-yield securities rated below investment grade. Investments in below investment grade quality securities can involve a substantially greater risk of default or can already be in default, and their values can decline significantly. Below investment grade quality securities tend to be more sensitive to adverse news about the issuer, or the market or economy in general, than higher quality debt instruments. The fund and the High Yield Pooled Portfolio invest in foreign securities. Investments in foreign securities are vulnerable to the effects of changes in the relative values of the local currency and the U.S. dollar and to the effects of changes in each country's market, economic, industrial, political, regulatory, geopolitical, environmental, public health, and other conditions.

**Balance Sheet Offsetting** — The fund's accounting policy with respect to balance sheet offsetting is that, absent an event of default by the counterparty or a termination of the agreement, the International Swaps and Derivatives Association (ISDA) Master Agreement, or similar agreement, does not result in an offset of reported amounts of financial assets and financial liabilities in the Statement of Assets and Liabilities across transactions between the fund and the applicable counterparty. The fund's right to setoff may be restricted or prohibited by the bankruptcy or insolvency laws of the particular jurisdiction to which a specific master netting agreement counterparty is subject. Balance sheet offsetting disclosures, to the extent applicable to the fund, have been included in the fund's Significant Accounting Policies note under the captions for each of the fund's in-scope financial instruments and transactions.

**Investment Valuations** — The investments of the fund and the High Yield Pooled Portfolio are valued as described below.

Subject to its oversight, the fund's Board of Trustees has delegated primary responsibility for determining or causing to be determined the value of the fund's investments to MFS as the fund's adviser, pursuant to the fund's valuation policy and procedures which have been adopted by the adviser and approved by the Board. In accordance with Rule 2a-5 under the Investment Company Act of 1940, the Board of Trustees designated the adviser as the "valuation designee" of the fund. If the adviser, as valuation designee, determines that reliable market quotations are not readily available for an investment, the investment is valued at fair value as determined in good faith by the adviser in accordance with the adviser's fair valuation policy and procedures.

Under the fund's valuation policy and procedures, equity securities, including restricted equity securities and equity securities sold short, are generally valued at the last sale or official closing price on their primary market or exchange as provided by a third-party pricing service. Equity securities, for which there were no sales reported that day, are generally valued at the last quoted daily bid quotation on their primary market or exchange as provided by a third-party pricing service. Equity securities sold short, for which there were no sales reported that day, are generally valued at the last quoted daily ask quotation on their primary market or exchange as provided by a third-party pricing service. Debt instruments and floating rate loans, including restricted debt instruments, are generally valued at an evaluated or composite bid as provided by a third-party pricing service. Short-term instruments with a maturity at issuance of 60 days or less may be valued at amortized cost, which approximates market value. Exchange-traded options are generally valued at the last sale or official closing price on their primary exchange as provided by a third-party pricing service.

## Notes to Financial Statements (unaudited) - continued

Exchange-traded options for which there were no sales reported that day are generally valued at the last daily bid quotation on their primary exchange as provided by a third-party pricing service. For put options, the position may be valued at the last daily ask quotation if there are no trades reported during the day. Options not traded on an exchange are generally valued at a broker/dealer bid quotation. Foreign currency options are generally valued at valuations provided by a third-party pricing service. Futures contracts are generally valued at last posted settlement price on their primary exchange as provided by a third-party pricing service. Futures contracts for which there were no trades that day for a particular position are generally valued at the closing bid quotation on their primary exchange as provided by a third-party pricing service. Forward foreign currency exchange contracts are generally valued at the mean of bid and asked prices for the time period interpolated from rates provided by a third-party pricing service for proximate time periods. Swap agreements are generally valued using valuations provided by a third-party pricing service, which for cleared swaps includes an evaluation of any trading activity at the clearinghouses. Open-end investment companies are generally valued at net asset value per share. The values of foreign securities and other assets and liabilities expressed in foreign currencies are converted to U.S. dollars using the mean of bid and asked prices for rates provided by a third-party pricing service.

Under the fund's valuation policy and procedures, market quotations are not considered to be readily available for debt instruments, floating rate loans, and many types of derivatives. These investments are generally valued at fair value based on information from third-party pricing services or otherwise determined by the adviser in accordance with the adviser's fair valuation policy and procedures. Securities and other assets generally valued on the basis of information from a third-party pricing service may also be valued at a broker/dealer bid quotation. In determining values, third-party pricing services can utilize both transaction data and market information such as yield, quality, coupon rate, maturity, type of issue, trading characteristics, spreads and other market data. An investment may also be valued at fair value if the adviser determines that the investment's value has been materially affected by events occurring after the close of the exchange or market on which the investment is principally traded (such as foreign exchange or market) and prior to the determination of the fund's net asset value, or after the halt of trading of a specific security where trading does not resume prior to the close of the exchange or market on which the security is principally traded. The adviser generally relies on third-party pricing services or other information (such as the correlation with price movements of similar securities in the same or other markets; the type, cost and investment characteristics of the security; the business and financial condition of the issuer; and trading and other market data) to assist in determining whether to fair value and at what value to fair value an investment. The value of an investment for purposes of calculating the fund's net asset value can differ depending on the source and method used to determine value. When fair valuation is used, the value of an investment used to determine the fund's net asset value may differ from quoted or published prices for the same investment. There can be no assurance that the fund could obtain the fair value assigned to an investment if it were to sell the investment at the same time at which the fund determines its net asset value per share.

Various inputs are used in determining the value of the fund's assets or liabilities. These inputs are categorized into three broad levels. In certain cases, the inputs used to measure fair value may fall into different levels of the fair value hierarchy. In such cases, an investment's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement. The fund's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to the investment. Level 1 includes unadjusted quoted prices in active markets for identical assets or liabilities. Level 2 includes other significant observable market-based inputs (including quoted prices for similar securities, interest rates, prepayment speed, and credit risk). Level 3 includes significant unobservable inputs, which may include the adviser's own assumptions in determining the fair value of investments. Other financial instruments are derivative instruments, such as futures contracts and forward foreign currency exchange contracts. The following is a summary of the levels used as of June 30, 2023 in valuing the fund's assets and liabilities:

<b>Financial Instruments</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
U.S. Treasury Bonds & U.S. Government Agencies & Equivalents	\$—	\$7,755,617	\$—	\$7,755,617
Non - U.S. Sovereign Debt	—	647,458	—	647,458
Municipal Bonds	—	936,937	—	936,937
U.S. Corporate Bonds	—	7,884,898	—	7,884,898
Residential Mortgage-Backed Securities	—	1,848,714	—	1,848,714
Commercial Mortgage-Backed Securities	—	931,189	—	931,189
Asset-Backed Securities (including CDOs)	—	4,156,772	—	4,156,772
Foreign Bonds	—	4,035,460	—	4,035,460
Mutual Funds	3,538,200	—	—	3,538,200
<b>Total</b>	<b>\$3,538,200</b>	<b>\$28,197,045</b>	<b>\$—</b>	<b>\$31,735,245</b>
<b>Other Financial Instruments</b>				
Futures Contracts – Assets	\$22,690	\$—	\$—	\$22,690
Futures Contracts – Liabilities	(35,187)	—	—	(35,187)
Forward Foreign Currency Exchange Contracts – Assets	—	757	—	757

For further information regarding security characteristics, see the Portfolio of Investments. Please refer to the High Yield Pooled Portfolio's shareholder report for further information regarding the levels used in valuing its assets and liabilities.

**Foreign Currency Translation** — Purchases and sales of foreign investments, income, and expenses are converted into U.S. dollars based upon currency exchange rates prevailing on the respective dates of such transactions or on the reporting date for foreign denominated receivables and payables. Gains and losses attributable to foreign currency exchange rates on sales of securities are recorded for financial statement purposes as net realized gains and losses on investments. Gains and losses attributable to foreign exchange rate movements on receivables, payables, income and expenses are recorded for financial statement purposes as foreign currency transaction gains and losses. That portion of both realized and unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed.

**Derivatives** — The fund uses derivatives primarily to increase or decrease exposure to a particular market or segment of the market, or security, to increase or decrease interest rate or currency exposure, or as alternatives to direct investments. Derivatives are used for hedging or non-hedging purposes. While hedging can reduce or eliminate losses, it can also reduce or eliminate gains. When the fund uses derivatives as an investment to increase market exposure, or for hedging purposes, gains and losses from derivative instruments may be substantially greater than the derivative's original cost.

The derivative instruments used by the fund during the period were futures contracts and forward foreign currency exchange contracts. Depending on the type of derivative, a fund may exit a derivative position by entering into an offsetting transaction with a counterparty or exchange, negotiating an agreement with the derivative counterparty, or novating the position to a third party. The fund may be unable to promptly close out a futures position in instances where the daily fluctuation in the price for that type of future exceeds the daily limit set by the exchange. The fund's period end derivatives, as presented in the Portfolio of Investments and the associated Derivative Contract tables, generally are indicative of the volume of its derivative activity during the period.

The following table presents, by major type of derivative contract, the fair value, on a gross basis, of the asset and liability components of derivatives held by the fund at June 30, 2023 as reported in the Statement of Assets and Liabilities:

Risk	Derivative Contracts	Fair Value (a)	
		Asset Derivatives	Liability Derivatives
Interest Rate	Futures Contracts	\$22,690	\$(35,187)
Foreign Exchange	Forward Foreign Currency Exchange Contracts	757	—
Total		\$23,447	\$(35,187)

(a) Values presented in this table for futures contracts correspond to the values reported in the Portfolio of Investments. Only the current day net variation margin for futures contracts is reported separately within the Statement of Assets and Liabilities.

The following table presents, by major type of derivative contract, the realized gain (loss) on derivatives held by the fund for the six months ended June 30, 2023 as reported in the Statement of Operations:

Risk	Futures Contracts	Forward Foreign Currency Exchange Contracts
Interest Rate	\$(39,776)	\$—
Foreign Exchange	—	(8,461)
Total	\$(39,776)	\$(8,461)

The following table presents, by major type of derivative contract, the change in unrealized appreciation or depreciation on derivatives held by the fund for the six months ended June 30, 2023 as reported in the Statement of Operations:

Risk	Futures Contracts	Forward Foreign Currency Exchange Contracts
Interest Rate	\$14,100	\$—
Foreign Exchange	—	7,756
Total	\$14,100	\$7,756

Derivative counterparty credit risk is managed through formal evaluation of the creditworthiness of all potential counterparties. On certain, but not all, uncleared derivatives, the fund attempts to reduce its exposure to counterparty credit risk whenever possible by entering into an ISDA Master Agreement on a bilateral basis. The ISDA Master Agreement gives each party to the agreement the

*Notes to Financial Statements (unaudited) - continued*

right to terminate all transactions traded under such agreement if there is a specified deterioration in the credit quality of the other party. Upon an event of default or a termination of the ISDA Master Agreement, the non-defaulting party has the right to close out all transactions traded under such agreement and to net amounts owed under each agreement to one net amount payable by one party to the other. This right to close out and net payments across all transactions traded under the ISDA Master Agreement could result in a reduction of the fund's credit risk to such counterparty equal to any amounts payable by the fund under the applicable transactions, if any.

Collateral and margin requirements differ by type of derivative. For cleared derivatives (e.g., futures contracts, cleared swaps, and exchange-traded options), margin requirements are set by the clearing broker and the clearing house and collateral, in the form of cash or securities, is posted by the fund directly with the clearing broker. Collateral terms are counterparty agreement specific for uncleared derivatives (e.g., forward foreign currency exchange contracts, uncleared swap agreements, and uncleared options) and collateral, in the form of cash and securities, is held in segregated accounts with the fund's custodian in connection with these agreements. For derivatives traded under an ISDA Master Agreement, which contains a credit support annex, the collateral requirements are netted across all transactions traded under such counterparty-specific agreement and an amount is posted from one party to the other to collateralize such obligations. Cash that has been segregated or delivered to cover the fund's collateral or margin obligations under derivative contracts, if any, will be reported separately in the Statement of Assets and Liabilities as restricted cash for uncleared derivatives and/or deposits with brokers for cleared derivatives. Securities pledged as collateral or margin for the same purpose, if any, are noted in the Portfolio of Investments. The fund may be required to make payments of interest on uncovered collateral or margin obligations with the broker. Any such payments are included in "Miscellaneous" expense in the Statement of Operations.

**Futures Contracts** — The fund entered into futures contracts which may be used to hedge against or obtain broad market exposure, interest rate exposure, currency exposure, or to manage duration. A futures contract represents a commitment for the future purchase or sale of an asset at a specified price on a specified date.

Upon entering into a futures contract, the fund is required to deposit with the broker, either in cash or securities, an initial margin in an amount equal to a specified percentage of the notional amount of the contract. Subsequent payments (variation margin) are made or received by the fund each day, depending on the daily fluctuations in the value of the contract, and are recorded for financial statement purposes as unrealized gain or loss by the fund until the contract is closed or expires at which point the gain or loss on futures contracts is realized.

The fund bears the risk of interest rates, exchange rates or securities prices moving unexpectedly, in which case, the fund may not achieve the anticipated benefits of the futures contracts and may realize a loss. While futures contracts may present less counterparty risk to the fund since the contracts are exchange traded and the exchange's clearinghouse guarantees payments to the broker, there is still counterparty credit risk due to the insolvency of the broker. The fund's maximum risk of loss due to counterparty credit risk is equal to the margin posted by the fund to the broker plus any gains or minus any losses on the outstanding futures contracts.

**Forward Foreign Currency Exchange Contracts** — The fund entered into forward foreign currency exchange contracts for the purchase or sale of a specific foreign currency at a fixed price on a future date. These contracts may be used to hedge the fund's currency risk or for non-hedging purposes. For hedging purposes, the fund may enter into contracts to deliver or receive foreign currency that the fund will receive from or use in its normal investment activities. The fund may also use contracts to hedge against declines in the value of foreign currency denominated securities due to unfavorable exchange rate movements. For non-hedging purposes, the fund may enter into contracts with the intent of changing the relative exposure of the fund's portfolio of securities to different currencies to take advantage of anticipated exchange rate changes.

Forward foreign currency exchange contracts are adjusted by the daily exchange rate of the underlying currency and any unrealized gains or losses are recorded as a receivable or payable for forward foreign currency exchange contracts until the contract settlement date. On contract settlement date, any gain or loss on the contract is recorded as realized gains or losses on forward foreign currency exchange contracts.

Risks may arise upon entering into these contracts from unanticipated movements in the value of the contract and from the potential inability of counterparties to meet the terms of their contracts. Generally, the fund's maximum risk due to counterparty credit risk is the unrealized gain on the contract due to the use of Continuous Linked Settlement, a multicurrency cash settlement system for the centralized settlement of foreign transactions. This risk is mitigated in cases where there is an ISDA Master Agreement between the fund and the counterparty providing for netting as described above and, where applicable, by the posting of collateral by the counterparty to the fund to cover the fund's exposure to the counterparty under such ISDA Master Agreement.

**Indemnifications** — Under the fund’s organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the fund. Additionally, in the normal course of business, the fund enters into agreements with service providers that may contain indemnification clauses. The fund’s maximum exposure under these agreements is unknown as this would involve future claims that may be made against the fund that have not yet occurred.

**Investment Transactions and Income** — Interest income is recorded on the accrual basis. All premium and discount is amortized or accreted for financial statement purposes in accordance with U.S. generally accepted accounting principles. Interest payments received in additional securities are recorded on the ex-interest date in an amount equal to the value of the security on such date. Debt obligations may be placed on non-accrual status or set to accrue at a rate of interest less than the contractual coupon when the collection of all or a portion of interest has become doubtful. Interest income for those debt obligations may be further reduced by the write-off of the related interest receivables when deemed uncollectible.

The fund may receive proceeds from litigation settlements. Any proceeds received from litigation involving portfolio holdings are reflected in the Statement of Operations in realized gain/loss if the security has been disposed of by the fund or in unrealized gain/loss if the security is still held by the fund. Any other proceeds from litigation not related to portfolio holdings are reflected as other income in the Statement of Operations.

Investment transactions are recorded on the trade date. In determining the net gain or loss on securities sold, the cost of securities is determined on the identified cost basis.

The fund may purchase or sell mortgage-backed securities on a “To Be Announced” (TBA) basis. A TBA transaction is subject to extended settlement and typically does not designate the actual security to be delivered, but instead includes an approximate principal amount. The price of the TBA security and the date that it will be settled are fixed at the time the transaction is negotiated. The value of the security varies with market fluctuations and no interest accrues to the fund until settlement takes place. TBA purchase and sale commitments are held at carrying amount, which approximates fair value and are categorized as level 2 within the fair value hierarchy and included in TBA purchase and TBA sale commitments in the Statement of Assets and Liabilities, as applicable. Losses may arise as a result of changes in the value of the TBA investment prior to settlement date or due to counterparty non-performance.

The fund may also enter into mortgage dollar rolls, typically TBA dollar rolls, in which the fund sells TBA mortgage-backed securities to financial institutions and simultaneously agrees to repurchase similar (same issuer, type and coupon) securities at a later date at an agreed-upon price. During the period between the sale and repurchase, the fund will not be entitled to receive interest and principal payments on the securities sold. The fund accounts for dollar roll transactions as purchases and sales and realizes gains and losses on these transactions. Dollar roll transactions involve the risk that the market value of the securities that the fund is required to purchase may decline below the agreed upon repurchase price of those securities.

To mitigate the counterparty credit risk on TBA transactions, mortgage dollar rolls, and other types of forward settling mortgage-backed and asset-backed security transactions, the fund whenever possible enters into a Master Securities Forward Transaction Agreement (“MSFTA”) on a bilateral basis with each of the counterparties with whom it undertakes a significant volume of transactions. The MSFTA gives each party to the agreement the right to terminate all transactions traded under such agreement if there is a specified deterioration in the credit quality of the other party. Upon an event of default or a termination of the MSFTA, the non-defaulting party has the right to close out all transactions traded under such agreement and to net amounts owed under each transaction to one net amount payable by one party to the other. This right to close out and net payments across all transactions traded under the MSFTA could result in a reduction of the fund’s credit risk to such counterparty equal to any amounts payable by the fund under the applicable transactions, if any.

For mortgage-backed and asset-backed securities traded under a MSFTA, the collateral and margining requirements are contract specific. Collateral amounts across all transactions traded under such agreement are netted and an amount is posted from one party to the other to collateralize such obligations. Cash that has been pledged to cover the fund’s collateral or margin obligations under a MSFTA, if any, will be reported separately on the Statement of Assets and Liabilities as restricted cash. Securities pledged as collateral or margin for the same purpose, if any, are noted in the Portfolio of Investments.

Legal fees and other related expenses incurred to preserve and protect the value of a security owned are added to the cost of the security; other legal fees are expensed. Capital infusions made directly to the security issuer, which are generally non-recurring, incurred to protect or enhance the value of high-yield debt securities, are reported as additions to the cost basis of the security. Costs that are incurred to negotiate the terms or conditions of capital infusions or that are expected to result in a plan of reorganization are reported as realized losses. Ongoing costs incurred to protect or enhance an investment, or costs incurred to pursue other claims or legal actions, are expensed.



*Notes to Financial Statements (unaudited) - continued*

**Tax Matters and Distributions** — The fund intends to qualify as a regulated investment company, as defined under Subchapter M of the Internal Revenue Code, and to distribute all of its taxable income, including realized capital gains. As a result, no provision for federal income tax is required. The fund's federal tax returns, when filed, will remain subject to examination by the Internal Revenue Service for a three year period. Management has analyzed the fund's tax positions taken on federal and state tax returns for all open tax years and does not believe that there are any uncertain tax positions that require recognition of a tax liability. Foreign taxes, if any, have been accrued by the fund in the accompanying financial statements in accordance with the applicable foreign tax law. Foreign income taxes may be withheld by certain countries in which the fund invests. Additionally, capital gains realized by the fund on securities issued in or by certain foreign countries may be subject to capital gains tax imposed by those countries.

Distributions to shareholders are recorded on the ex-dividend date. Income and capital gain distributions are determined in accordance with income tax regulations, which may differ from U.S. generally accepted accounting principles. Certain capital accounts in the financial statements are periodically adjusted for permanent differences in order to reflect their tax character. These adjustments have no impact on net assets or net asset value per share. Temporary differences which arise from recognizing certain items of income, expense, gain or loss in different periods for financial statement and tax purposes will reverse at some time in the future.

Book/tax differences primarily relate to defaulted bonds, amortization and accretion of debt securities, wash sale loss deferrals, and derivative transactions.

The tax character of distributions declared to shareholders for the last fiscal year is as follows:

	<b>Year ended 12/31/22</b>
Ordinary income (including any short-term capital gains)	\$1,147,664
Long-term capital gains	325,371
Total distributions	\$1,473,035

The federal tax cost and the tax basis components of distributable earnings were as follows:

<b>As of 6/30/23</b>	
Cost of investments	\$35,640,485
Gross appreciation	107,804
Gross depreciation	(4,013,044)
Net unrealized appreciation (depreciation)	\$(3,905,240)
<b>As of 12/31/22</b>	
Undistributed ordinary income	1,128,130
Capital loss carryforwards	(2,880,510)
Other temporary differences	104
Net unrealized appreciation (depreciation)	(4,426,085)

The aggregate cost above includes prior fiscal year end tax adjustments, if applicable.

As of December 31, 2022, the fund had capital loss carryforwards available to offset future realized gains. These net capital losses may be carried forward indefinitely and their character is retained as short-term and/or long-term losses. Such losses are characterized as follows:

Short-Term	\$(1,011,158)
Long-Term	(1,869,352)
Total	\$(2,880,510)

**Multiple Classes of Shares of Beneficial Interest** — The fund offers multiple classes of shares, which differ in their respective distribution and/or service fees. The fund's income, realized and unrealized gain (loss), and common expenses are allocated to shareholders based on the daily net assets of each class. Dividends are declared separately for each class. Differences in per share dividend rates are generally due to differences in separate class expenses. The fund's distributions declared to shareholders as reported in the Statements of Changes in Net Assets are presented by class as follows:

	Six months ended 6/30/23	Year ended 12/31/22
Initial Class	\$—	\$1,353,079
Service Class	—	119,956
Total	\$—	\$1,473,035

### (3) Transactions with Affiliates

**Investment Adviser** — The fund has an investment advisory agreement with MFS to provide overall investment management and related administrative services and facilities to the fund. The management fee is computed daily and paid monthly at the following annual rates based on the fund's average daily net assets:

Up to \$1 billion	0.50%
In excess of \$1 billion	0.45%

MFS has agreed in writing to reduce its management fee by a specified amount if certain MFS mutual fund assets exceed thresholds agreed to by MFS and the fund's Board of Trustees. MFS has also agreed in writing to waive at least 0.01% of its management fee as part of this agreement. The agreement to waive at least 0.01% of the management fee will continue until modified by the fund's Board of Trustees, but such agreement will continue at least until April 30, 2024. For the six months ended June 30, 2023, this management fee reduction amounted to \$1,980, which is included in the reduction of total expenses in the Statement of Operations. The management fee incurred for the six months ended June 30, 2023 was equivalent to an annual effective rate of 0.49% of the fund's average daily net assets.

The investment adviser has agreed in writing to pay a portion of the fund's total annual operating expenses, excluding interest, taxes, extraordinary expenses, brokerage and transaction costs, certain tax reclaim recovery expenses (including contingency fees and closing agreement expenses), and investment-related expenses (such as fees and expenses associated with investments in investment companies and other similar investment vehicles), such that total annual operating expenses do not exceed 0.75% of average daily net assets for the Initial Class shares and 1.00% of average daily net assets for the Service Class shares. This written agreement will terminate on July 31, 2023. For the six months ended June 30, 2023, this reduction amounted to \$37,840, which is included in the reduction of total expenses in the Statement of Operations. Effective August 1, 2023, the investment adviser has agreed in writing to pay a portion of the fund's total annual operating expenses, excluding interest, taxes, extraordinary expenses, brokerage and transaction costs, certain tax reclaim recovery expenses (including contingency fees and closing agreement expenses), and investment-related expenses (such as fees and expenses associated with investments in investment companies and other similar investment vehicles), such that total annual operating expenses do not exceed 0.67% of average daily net assets for the Initial Class shares and 0.92% of average daily net assets for the Service Class shares. This written agreement will continue until modified by the fund's Board of Trustees, but such agreement will continue at least until April 30, 2025.

**Distributor** — MFS Fund Distributors, Inc. (MFD), a wholly-owned subsidiary of MFS, is the distributor of shares of the fund. The Trustees have adopted a distribution plan for the Service Class shares pursuant to Rule 12b-1 under the Investment Company Act of 1940.

The fund's distribution plan provides that the fund will pay MFD distribution and/or service fees equal to 0.25% per annum of its average daily net assets attributable to Service Class shares as partial consideration for services performed and expenses incurred by MFD and financial intermediaries (including participating insurance companies that invest in the fund to fund variable annuity and variable life insurance contracts, sponsors of qualified retirement and pension plans that invest in the fund, and affiliates of these participating insurance companies and plan sponsors) in connection with the sale and distribution of the Service Class shares as well as shareholder servicing and account maintenance activities. MFD may subsequently pay all, or a portion, of the distribution and/or service fees to financial intermediaries. The distribution and/or service fees are computed daily and paid monthly.

**Shareholder Servicing Agent** — MFS Service Center, Inc. (MFSC), a wholly-owned subsidiary of MFS, receives a fee from the fund for its services as shareholder servicing agent. For the six months ended June 30, 2023, the fee was \$1,228, which equated to 0.0080% annually of the fund's average daily net assets. MFSC also receives reimbursement from the fund for out-of-pocket expenses paid by MFSC on behalf of the fund. For the six months ended June 30, 2023, these costs amounted to \$282.



## Notes to Financial Statements (unaudited) - continued

**Administrator** — MFS provides certain financial, legal, shareholder communications, compliance, and other administrative services to the fund. Under an administrative services agreement, the fund reimburses MFS the costs incurred to provide these services. The fund is charged an annual fixed amount of \$17,500 plus a fee based on average daily net assets. The administrative services fee is computed daily and paid monthly. The administrative services fee incurred for the six months ended June 30, 2023 was equivalent to an annual effective rate of 0.0563% of the fund's average daily net assets.

**Trustees' and Officers' Compensation** — The fund pays compensation to independent Trustees in the form of a retainer, attendance fees, and additional compensation to Board and Committee chairpersons. Independent Trustees' compensation is accrued daily and paid subsequent to each Trustee Board meeting. The fund does not pay compensation directly to Trustees or officers of the fund who are also officers of the investment adviser, all of whom receive remuneration from MFS for their services to the fund. Certain officers and Trustees of the fund are officers or directors of MFS, MFD, and MFSC.

**Other** — The fund invests in the MFS Institutional Money Market Portfolio which is managed by MFS and seeks current income consistent with preservation of capital and liquidity. This money market fund does not pay a management fee to MFS but does incur investment and operating costs.

The fund invests in the MFS High Yield Pooled Portfolio, which is a mutual fund advised by MFS that does not pay management fees to MFS and does not pay distribution and/or service fees to MFD, but does incur investment and operating costs. The fund invests in MFS High Yield Pooled Portfolio to gain exposure to high income debt instruments, rather than investing in high income debt instruments directly. Income earned on this investment is included in "Dividends from affiliated issuers" in the Statement of Operations.

#### (4) Portfolio Securities

For the six months ended June 30, 2023, purchases and sales of investments, other than short-term obligations, were as follows:

	Purchases	Sales
U.S. Government securities	\$3,661,077	\$2,449,288
Non-U.S. Government securities	1,454,116	2,821,192

#### (5) Shares of Beneficial Interest

The fund's Declaration of Trust permits the Trustees to issue an unlimited number of full and fractional shares of beneficial interest. Transactions in fund shares were as follows:

	Six months ended 6/30/23		Year ended 12/31/22	
	Shares	Amount	Shares	Amount
Shares sold				
Initial Class	138,352	\$1,151,273	190,052	\$1,645,984
Service Class	76,588	632,377	22,625	194,519
	214,940	\$1,783,650	212,677	\$1,840,503
Shares issued to shareholders in reinvestment of distributions				
Initial Class	—	\$—	162,630	\$1,353,079
Service Class	—	—	14,505	119,956
	—	\$—	177,135	\$1,473,035
Shares reacquired				
Initial Class	(277,161)	\$(2,306,277)	(558,344)	\$(4,896,032)
Service Class	(41,199)	(340,558)	(270,642)	(2,400,099)
	(318,360)	\$(2,646,835)	(828,986)	\$(7,296,131)
Net change				
Initial Class	(138,809)	\$(1,155,004)	(205,662)	\$(1,896,969)
Service Class	35,389	291,819	(233,512)	(2,085,624)
	(103,420)	\$(863,185)	(439,174)	\$(3,982,593)

**(6) Line of Credit**

The fund and certain other funds managed by MFS participate in a \$1.45 billion unsecured committed line of credit of which \$1.2 billion is reserved for use by the fund and certain other MFS U.S. funds. The line of credit is provided by a syndicate of banks under a credit agreement. Borrowings may be made for temporary financing needs. Interest is charged to each fund, based on its borrowings, generally at a rate equal to the highest of 1) Daily Simple SOFR (Secured Overnight Financing Rate) plus 0.10%, 2) the Federal Funds Effective Rate, or 3) the Overnight Bank Funding Rate, each plus an agreed upon spread. A commitment fee, based on the average daily unused portion of the committed line of credit, is allocated among the participating funds. The line of credit expires on March 14, 2024 unless extended or renewed. In addition, the fund and other funds managed by MFS have established unsecured uncommitted borrowing arrangements with certain banks for temporary financing needs. Interest is charged to each fund, based on its borrowings, at rates equal to customary reference rates plus an agreed upon spread. For the six months ended June 30, 2023, the fund's commitment fee and interest expense were \$78 and \$0, respectively, and are included in "Miscellaneous" expense in the Statement of Operations.

**(7) Investments in Affiliated Issuers**

An affiliated issuer may be considered one in which the fund owns 5% or more of the outstanding voting securities, or a company which is under common control. For the purposes of this report, the following were affiliated issuers:

Affiliated Issuers	Beginning Value	Purchases	Sales Proceeds	Realized Gain (Loss)	Change in Unrealized Appreciation or Depreciation	Ending Value
MFS High Yield Pooled Portfolio	\$1,563,069	\$1,313,538	\$403,251	\$(49,861)	\$69,433	\$2,492,928
MFS Institutional Money Market Portfolio	212,816	7,534,587	6,702,348	78	139	1,045,272
	\$1,775,885	\$8,848,125	\$7,105,599	\$(49,783)	\$69,572	\$3,538,200

Affiliated Issuers	Dividend Income	Capital Gain Distributions
MFS High Yield Pooled Portfolio	\$74,290	\$—
MFS Institutional Money Market Portfolio	11,006	—
	\$85,296	\$—

**(8) LIBOR Transition**

The London Interbank Offered Rate (LIBOR) was intended to represent the rate at which contributing banks may obtain short-term borrowings from each other in the London interbank market. Certain of the fund's investments, payment obligations, and financing terms were historically based on LIBOR. In 2017, the United Kingdom Financial Conduct Authority (FCA) announced plans to transition away from LIBOR by the end of 2021. LIBOR's administrator, ICE Benchmark Administration (IBA), ceased publication (on a representative basis) of many of its LIBOR settings as of December 31, 2021 and ceased publication (on a representative basis) of the remaining U.S. dollar LIBOR settings as of June 30, 2023. In addition, global regulators announced that, with limited exceptions, no new LIBOR-based contracts should be entered into after 2021. Although the FCA has announced that it will require the IBA to continue to publish certain select LIBOR rates on a synthetic basis after the relevant cessation dates, such synthetic rates are not considered to be representative of the underlying market and economic reality they are intended to measure, are expected to be published for a limited time period, and are intended solely for use on a limited basis for legacy transactions.

Regulators and industry groups have implemented measures to facilitate the transition away from LIBOR and other interbank offered rates to alternative reference rates, such as the Secured Overnight Financing Rate (SOFR). SOFR is a broad measure of the cost of borrowing cash overnight collateralized by U.S. Treasury securities in the repurchase agreement (repo) market. SOFR is published in various forms including as a daily, compounded, and forward-looking term rate. The transition to alternative reference rates may affect the liquidity and valuation of investments that were tied to LIBOR or other interbank offered rates and may lead to other consequences affecting securities and credit markets more broadly. For example, while some investments that were tied to LIBOR provided for an alternative or "fallback" rate-setting methodology in the event LIBOR is not available, there is uncertainty regarding the effectiveness of any such alternative methodologies to replace LIBOR and certain investments tied to LIBOR may not have fallback provisions. While legislation passed in the United States facilitates by operation of law the replacement of U.S. dollar LIBOR settings

*Notes to Financial Statements (unaudited) - continued*

in certain legacy instruments with a specified replacement rate, such as SOFR, there is uncertainty regarding the effectiveness of such legislation. There also remains uncertainty regarding the willingness and ability of parties to add or amend fallback provisions in certain other legacy instruments maturing after the cessation of the applicable LIBOR rates, which could create market and litigation risk.

It is difficult to quantify or predict the impact on the fund resulting from the transition from LIBOR to alternative reference rates and the potential effects of the transition from LIBOR on the fund, or on certain instruments in which the fund invests, are not known. The transition process may involve, among other things, increased volatility or illiquidity in markets for instruments that relied on LIBOR to determine interest rates. The transition may also result in a reduction in value of certain LIBOR-related investments held by the fund or reduce the effectiveness of related transactions such as hedges. Any such effects of the transition away from LIBOR and the adoption of alternative reference rates, as well as other unforeseen effects, could have an adverse impact on the fund's performance.

With respect to the fund's accounting for investments, including investments in certain debt instruments and derivatives, as well as borrowings by the fund and any other contractual arrangements of the fund that undergo reference rate-related modifications as a result of the transition, management has and will continue to rely upon the relief provided by FASB Codification Topic 848 – Reference Rate Reform (Topic 848). The guidance in Topic 848 permits the fund to account for such contract modifications made on or before December 31, 2024 as a continuation of the existing contracts. The situation remains fluid, and management believes, based on best available information, that the impact of the transition will not be material to the fund.

## **STATEMENT REGARDING LIQUIDITY RISK MANAGEMENT PROGRAM**

The fund has adopted and implemented a liquidity risk management program (the “Program”) as required by Rule 22e-4 under the Investment Company Act of 1940, as amended. The fund’s Board of Trustees (the “Board”) has designated MFS as the administrator of the Program. The Program is reasonably designed to assess and manage the liquidity risk of the fund. Liquidity risk is the risk that the fund could not meet requests to redeem shares issued by the fund without significant dilution of remaining investors’ interests.

MFS provided a written report to the Board for consideration at its March 2023 meeting that addressed the operation of the Program and provided an assessment of the adequacy and effectiveness of the Program during the period from January 1, 2022 to December 31, 2022 (the “Covered Period”). The report concluded that during the Covered Period the Program had operated effectively in all material respects and had adequately and effectively been implemented to assess and manage the fund’s liquidity risk. MFS also reported that there were no liquidity events that impacted the fund or its ability to timely meet redemptions without dilution to existing shareholders during the Covered Period.

There can be no assurance that the Program will achieve its objectives in the future. Further information on liquidity risk, and other principal risks to which an investment in the fund may be subject, can be found in the prospectus.

## PROXY VOTING POLICIES AND INFORMATION

MFS votes proxies on behalf of the fund pursuant to proxy voting policies and procedures that are available without charge, upon request, by calling 1-800-225-2606, by visiting [mfs.com/proxyvoting](http://mfs.com/proxyvoting), or by visiting the SEC's Web site at <http://www.sec.gov>.

Information regarding how the fund voted proxies relating to portfolio securities during the most recent twelve-month period ended June 30 is available by August 31 of each year without charge by visiting [mfs.com/proxyvoting](http://mfs.com/proxyvoting), or by visiting the SEC's Web site at <http://www.sec.gov>.

## QUARTERLY PORTFOLIO DISCLOSURE

The fund files a complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's Form N-PORT reports are available on the SEC's Web site at <http://www.sec.gov>. A shareholder can obtain the portfolio holdings report for the first and third quarters of the fund's fiscal year at [mfs.com/vit2](http://mfs.com/vit2) by choosing the fund's name and then scrolling to the "Resources" section and clicking on the "Prospectus and Reports" tab.

## FURTHER INFORMATION

From time to time, MFS may post important information about the fund or the MFS Funds on the MFS Web site ([mfs.com](http://mfs.com)). This information is available at <https://www.mfs.com/announcements> or at [mfs.com/vit2](http://mfs.com/vit2) by choosing the fund's name and then scrolling to the "Resources" section and clicking on the "Announcements" tab, if any.

## INFORMATION ABOUT FUND CONTRACTS AND LEGAL CLAIMS

The fund has entered into contractual arrangements with an investment adviser, administrator, distributor, shareholder servicing agent, and custodian who each provide services to the fund. Unless expressly stated otherwise, shareholders are not parties to, or intended beneficiaries of these contractual arrangements, and these contractual arrangements are not intended to create any shareholder right to enforce them against the service providers or to seek any remedy under them against the service providers, either directly or on behalf of the fund.

Under the Trust's By-Laws and Declaration of Trust, any claims asserted against or on behalf of the MFS Funds, including claims against Trustees and Officers, must be brought in state and federal courts located within the Commonwealth of Massachusetts.

