# Fact Sheet

# MFS° Blended Research° - Large Cap Value (USD)



#### Goal

The goal of the Blended Research - Large Cap Value strategy, while not guaranteed, is to outperform the Russell 1000° Value Index over a full market cycle with a controlled tracking error.

#### Investment team

## Lead Portfolio Manager Jonathan Sage, CFA

- 24 years with MFS
- 28 years in industry

### Portfolio Managers Jim Fallon

- 25 years with MFS
- 25 years in industry
- Matt Krummell, CFA
- 23 years with MFS
- 31 years in industry led Stocks, CFA
- 24 years with MFS
- 25 years in industry

#### Institutional Portfolio Manager leffrey Morrison, CFA

- 17 years with MFS
- 35 years in industry

#### Assets under management (USD)

MFS Investment Management®	595.7 billior
MFS® Blended Research® - Large Cap Value Composite	273.7 millior

## Philosophy

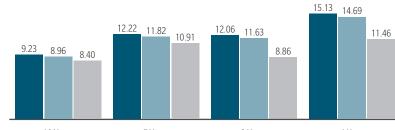
We believe:

- Investing in high-quality companies that are trading at favorable valuations with a catalyst may be rewarded over the long term
- Quantitative research provides a systematic, objective appraisal that complements the qualitative perspective of fundamental research
- Integrating fundamental and quantitative research in a disciplined portfolio construction process may lead to strong risk-adjusted results

## Performance (%) total return

- MFS (gross of fees)
- MFS (net of fees)
- Russell 1000® Value Index

For periods of less than one-year returns are not annualized.



	10 Years	5 Years	3 Years	1 Year
Gross vs. Russell 1000® Value Index	0.83	1.31	3.20	3.67
Net vs. Russell 1000® Value Index	0.56	0.91	2.77	3.23

## Annual performance (%)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
MFS (gross of fees)	12.51	-2.60	14.70	17.37	-7.95	23.83	2.14	26.93	-3.72	15.13
MFS (net of fees)	12.39	-2.70	14.56	17.19	-8.11	23.55	1.75	26.45	-4.09	14.69
Russell 1000 <sup>®</sup> Value Index	13.45	-3.83	17.34	13.66	-8.27	26.54	2.80	25.16	-7.54	11.46

# MIFID II performance standard – 12-month rates of total return (%) as of the period ended

	31-Dec-19	31-Dec-20	31-Dec-21	31-Dec-22	31-Dec-23
MFS (gross of fees)	23.83	2.14	26.93	-3.72	15.13
MFS (net of fees)	23.55	1.75	26.45	-4.09	14.69
Russell 1000° Value Index	26.54	2.80	25.16	-7.54	11.46

Past performance is not a reliable indicator for future results. All financial investments involve an element of risk. The value of investments may rise and fall so you may get back less than originally invested. Investors should consider the risks, including lower returns, related to currency movements between their investing currency and the portfolio's base currency, if different.

See the GIPS Composite Report at the end of this presentation for performance methodology and other information.

The Markets in Financial Instruments Directive (MIFID) is the EU legislation that regulates firms who provide services to clients linked to financial instruments.

Source: Benchmark performance from SPAR, FactSet Research Systems Inc.

It is not possible to invest directly in an index. Index performance will differ from our actively managed strategies, which may involve a higher degree of risk.

Total gross of fee returns include both capital appreciation and reinvestment of income but exclude custody fees.

CHARACTERISTICS		
	MFS	Russell 1000° Value Index
Fundamentals - weighted average		
Price/earnings (12 months forward)	14.3x	15.9x
Price/cash flow	10.6x	12.4x
Price/sales	1.4x	1.7x
PEG ratio	1.6x	1.8x
Dividend yield	2.1%	2.3%
Return on equity (3-year average)	19.8%	17.0%
Return on invested capital	11.2%	9.3%
IBES long-term EPS growth <sup>1</sup>	8.6%	7.6%
Market capitalization		
Market capitalization (USD) <sup>2</sup>	158.4 bn	139.2 bn
Diversification		
Top ten issues	21%	17%
Number of Issues	108	849
Turnover		
Trailing 1 year turnover <sup>3</sup>	57%	_
Risk profile (current)		
Axioma predicted tracking error <sup>4</sup>	1.90%	_
Active share	68%	_
Risk/reward (10 year)	Gross/Net	
Beta	1.00/1.00	_

TOP 10 HOLDINGS (%)		
Security	MFS	Russell 1000® Value Index
JPMORGAN CHASE & CO	3.5	2.4
JOHNSON & JOHNSON	3.0	1.9
WELLS FARGO & CO	2.2	0.9
PFIZER INC	2.0	0.8
BERKSHIRE HATHAWAY INC (EQ)	1.8	3.2
CIGNA GROUP	1.7	0.4
PHILLIPS 66 (EQ)	1.7	0.3
GOLDMAN SACHS GROUP INC/THE	1.7	0.6
SALESFORCE INC	1.7	0.3
CONOCOPHILLIPS (EQ)	1.7	0.7

SECTOR WEIGHTS UNDERWEIGHT/OV	'ERWEIGHT (%)†
	Russell 1000® Value Index
Energy	0.7
Financials	0.7
Communication Services	0.6
Health Care	0.4
Utilities	0.2
Consumer Staples	-0.2
Real Estate	-0.3
Materials	-0.4
Industrials	-0.6
Information Technology	-0.6
Consumer Discretionary	-0.9

- Source: FactSet
- <sup>2</sup> Weighted average.
- <sup>3</sup> US Turnover Methodology: (Lesser of Purchase or Sales)/Average Month End Market Value
- <sup>4</sup> Source: Axioma
- † 0.4% Cash & Cash Equivalents.

The information presented is based on an account determined to be representative of the composite's strategy. The representative account's performance is available upon request.

Any mention of specific companies, securities and/or sectors are for information purposes only and should not be construed as investment advice or a recommendation of any nature.

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The GIPS Composite Report is attached to provide additional information about the strategy, composite, and performance methodology. The funds or other investment vehicles mentioned should not be construed as an offer or solicitation.



<b>Composite:</b> MFS Blended Research - Large Cap Value Composite
Benchmark: Russell 1000® Value - Total Return
Creation Date: 02-Apr-2008
Inception Date: 01-Jan-2008
Composite Description: The MFS Blended Research - Large Cap Value Composite includes all

discretionary portfolios managed to the MFS Blended Research - Large Cap Value strategy that seek to outperform the Russell 1000 Value Index over a full market cycle with controlled tracking error. The strategy seeks to provide long-term growth of capital through investment in equity securities, generally in undervalued larger cap U.S. companies, selected through a blend of fundamental and quantitative research. Fundamental research focuses on quality and valuation with a longterm investment horizon. Quantitative research, which utilizes multi-factor models, provides an objective appraisal that complements the qualitative perspective of fundamental research. MFS' investment analysis, development and use of quantitative models, and selection of investments may not produce the intended results and/or can lead to an investment focus that results in underperforming portfolios with similar investment strategies and/or the markets in which the portfolio invests. The proprietary and third party quantitative models used by MFS may not produce the intended results for a variety of reasons, including the factors used, the weight placed on each factor, changing sources of market return, changes from the market factors' historical trends, and technical issues in the development, application, and maintenance of the models (e.g., incomplete or inaccurate data, programming/software issues, coding errors and technology failures). Stock markets and investments in individual stocks are volatile and can decline significantly in response to or investor perception of, issuer, market, economic, industry, political, regulatory, geopolitical, and other conditions. The portfolio's investments can continue to be undervalued for long periods of time, not realize their expected value, and be more volatile than the stock market in general.

## Institutional Separate Accounts Fee Schedule

Fee
30 bp
25 bp
20 bp

Accounts are eligible for inclusion in the composite if they have assets greater than 1 MM USD. Accounts are included as of their first full month of performance.

					Accounts in	Annualiz	ed 3-Year		
	Composite a	and Benchmark	Return %	Composite	Composite at	Standard	Deviation	Assets (l	JSD million)
Period	Gross of fees	Net of fees^	Benchmark	Dispersion	End of Period	Composite	Benchmark	Composite	Firm
2022	-3.72	-4.09	-7.54	n/a	<6	22.02	21.55	\$241.5	\$527,229.5
2021	26.93	26.45	25.16	n/a	<6	20.03	19.33	\$250.0	\$674,375.8
2020	2.14	1.75	2.80	n/a	<6	20.31	19.90	\$234.9	\$599,076.3
2019	23.83	23.55	26.54	n/a	<6	12.19	12.02	\$202.6	\$518,568.9
2018	-7.95	-8.11	-8.27	n/a	<6	11.18	10.98	\$642.7	\$426,543.5
2017	17.37	17.19	13.66	n/a	<6	10.39	10.34	\$721.1	\$491,012.9
2016	14.70	14.56	17.34	n/a	<6	10.87	10.93	\$665.3	\$425,539.8
2015	-2.60	-2.70	-3.83	n/a	<6	10.80	10.83	\$550.6	\$412,412.4
2014	12.51	12.39	13.45	n/a	<6	9.78	9.33	\$579.6	\$430,214.0
2013	37.94	37.79	32.53	n/a	<6	13.36	12.88	\$527.5	\$412,240.5

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Performance for periods less than one year are not annualized.

Total Gross-of-fee returns in USD (includes both capital appreciation and reinvestment of income) are net of transaction costs, withholding taxes and direct expenses, but before management fees, custody and other indirect expenses. Typical separate accounts utilize 4:00 PM (London Time) foreign exchange rates; retail products will use rates deemed most appropriate for daily NAV per share calculations. The possibility exists for performance dispersion between otherwise similarly managed accounts and also with the benchmark.

^Net-of-fee returns presented in this table are gross-of-fee returns reduced by management fees and performance fees if applicable (actual fees). For certain accounts where the actual fees are unavailable, the maximum applicable annual institutional separate account fees were applied.

Total returns of the benchmark are provided for each period depicted, expressed in USD. Source of Benchmark Performance: FACTSET ®.

Russell 1000 Value - Total Return - constructed to provide a comprehensive barometer for the value securities in the large-cap segment of the U.S. equity universe. Companies in this index generally have lower price-to-book ratios and lower forecasted growth values.

Composite Dispersion is measured by the asset-weighted standard deviation of gross-of-fees account returns for all accounts in the composite for the full period. For composites containing less than six accounts for the full period, dispersion is deemed not meaningful and is not presented. The three-year annualized ex post standard deviation measures the variability of the gross-of-fees composite returns and the benchmark returns over the preceding 36-month period.

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