# **MSCI Europe Factor Mix A-Series Index (USD)**

The MSCI Europe Factor Mix A-Series Index captures large and mid cap representation across 15 Developed Market countries\* in Europe. It aims to represent the performance of quality, value and low volatility factor strategies. The index is an equal weighted combination of the MSCI Value Weighted, MSCI Minimum Volatility and MSCI Quality Indexes in a single multi-factor index.

For a complete description of the index methodology, please see Index methodology - MSCI.

# CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAY 2010 – MAY 2025)

# - MSCI Europe 337.08 300 200 100 May 10 Aug 11 Nov 12 Feb 14 May 15 Aug 16 Nov 17 Feb 19 May 20 Aug 21 Nov 22 Feb 24 May 25

# **ANNUAL PERFORMANCE (%)**

Year	MSCI Europe Factor Mix A-Series	MSCI Europe
2024	1.58	1.79
2023	18.94	19.89
2022	-15.79	-15.06
2021	17.25	16.30
2020	6.95	5.38
2019	24.62	23.77
2018	-12.30	-14.86
2017	24.91	25.51
2016	-1.95	-0.40
2015	0.05	-2.84
2014	-2.28	-6.18
2013	23.45	25.23
2012	17.28	19.12
2011	-5.03	-11.06

# INDEX PERFORMANCE - NET RETURNS (%) (MAY 30, 2025)

### **FUNDAMENTALS (MAY 30, 2025)**

						ANNU	ALIZED					
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr <sub>N</sub>	Since lov 30, 2001	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe Factor Mix A- Series	3.68	9.76	14.72	20.82	11.92	12.43	6.78	7.79	3.36	15.52	14.26	2.10
MSCI Europe	4.56	8.80	13.39	20.57	12.42	12.82	6.23	6.41	3.11	16.10	14.43	2.16

# INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2001 - MAY 30, 2025)

				ANNUAL	IZED STD	DEV (%) 2	SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Nov 30, 2001	(%)	Period YYYY-MM-DD	
MSCI Europe Factor Mix A- Series	0.90	2.64	16.49	16.94	16.88	15.53	0.49	0.62	0.37	0.43	58.85	2007-10-31-2009-03-09	
MSCI Europe	1.00	0.00	3.64	17.76	17.63	16.49	0.50	0.62	0.33	0.33	62.99	2007-10-31-2009-03-09	
	<sup>1</sup> Last	12 months	nths <sup>2</sup> Based on monthly net returns data <sup>3</sup> Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date										

The MSCI Europe Factor Mix A-Series Index was launched on Aug 31, 2017. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.



<sup>\*</sup> Developed Markets countries in Europe include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the UK.

MAY 30, 2025 Index Factsheet

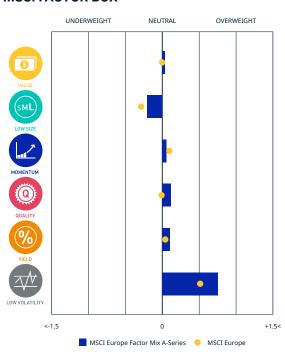
### INDEX CHARACTERISTICS

	MSCI Europe Factor Mix A-Series	MSCI Europe					
Number of	399	399					
Constituents							
	Weight (%)						
Largest	2.72	2.58					
Smallest	0.00	0.02					
Average	0.25	0.25					
Median	0.11	0.11					

### **TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
NESTLE	CH	2.72	2.29	Cons Staples
NOVARTIS	CH	2.41	1.85	Health Care
ASTRAZENECA	GB	2.32	1.84	Health Care
ROCHE HOLDING GENUSS	CH	2.06	1.86	Health Care
UNILEVER PLC (GB)	GB	1.85	1.29	Cons Staples
ASML HLDG	NL	1.79	2.39	Info Tech
ALLIANZ	DE	1.59	1.25	Financials
SHELL	GB	1.48	1.65	Energy
ZURICH INSURANCE GROUP	CH	1.34	0.84	Financials
GSK	GB	1.34	0.69	Health Care
Total		18.89	15.95	

# FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



### **MSCI FaCS**



VALUE
Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



MOMENTUM Rising Stocks



QUALITY
Sound Balance Sheet Stocks



YIELD Cash Flow Paid Out

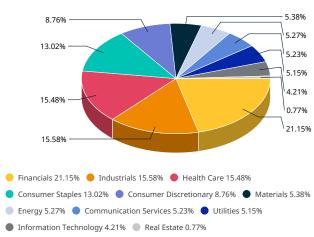


LOW VOLATILITY
Lower Risk Stocks

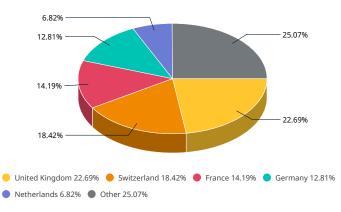
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

### **SECTOR WEIGHTS**



# **COUNTRY WEIGHTS**





MAY 30, 2025 Index Factsheet

# MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

### **ABOUT MSCI**

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 50 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

The information contained herein (the "Information") may not be reproduced or redisseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT SUPPLIERS OR ANY THIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTY LABILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

© 2025 MSCI Inc. All rights reserved.

