

# MSCI EUROPE MICRO CAP INDEX (USD)

The MSCI Europe Micro Cap Index captures micro cap representation across 15 Developed Markets (DM) countries in Europe\*. With 1,434 constituents, the index covers approximately 1% of the free float-adjusted market capitalization across the Developed Markets equity universe in Europe.

## CUMULATIVE INDEX PERFORMANCE - GROSS RETURNS (USD) (NOV 2007 – JAN 2020)



## ANNUAL PERFORMANCE (%)

Year	MSCI Europe Micro Cap	MSCI Europe Small Cap	MSCI Europe
2019	20.68	29.65	24.59
2018	-17.27	-19.56	-14.32
2017	32.98	36.07	26.24
2016	3.82	-1.68	0.22
2015	8.07	11.28	-2.34
2014	-7.79	-6.18	-5.68
2013	36.00	39.96	25.96
2012	16.18	29.53	19.93
2011	-19.19	-19.80	-10.50
2010	18.51	21.88	4.49
2009	60.33	65.42	36.81
2008	-58.57	-54.03	-46.08

## INDEX PERFORMANCE — GROSS RETURNS (%) (JAN 31, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 30, 2007
MSCI Europe Micro Cap	0.30	11.53	12.82	0.30	7.72	8.94	7.60	2.52
MSCI Europe Small Cap	-2.96	6.46	14.99	-2.96	10.02	8.74	9.73	5.17
MSCI Europe	-2.50	2.85	13.94	-2.50	8.77	5.16	6.17	1.79

## FUNDAMENTALS (JAN 31, 2020)

	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI Europe Micro Cap	2.07	116.69	na	1.53
MSCI Europe Small Cap	2.68	18.09	15.96	1.79
MSCI Europe	3.51	16.92	14.30	1.84

## INDEX RISK AND RETURN CHARACTERISTICS (JAN 31, 2020)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 30, 2007	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI Europe Micro Cap	22.81	13.40	13.97	16.61	0.49	0.60	0.48	0.18	66.18	2007-12-03—2009-03-09
MSCI Europe Small Cap	8.78	14.32	14.93	18.29	0.61	0.55	0.56	0.30	64.44	2007-12-10—2009-03-09
MSCI Europe	1.83	12.24	13.08	16.23	0.60	0.36	0.41	0.14	62.08	2007-12-10—2009-03-09

<sup>1</sup> Last 12 months      <sup>2</sup> Based on monthly gross returns data      <sup>3</sup> Based on ICE LIBOR 1M

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

The MSCI Europe Micro Cap Index was launched on Dec 01, 2010. Data prior to the launch date is back-tested data (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.

### INDEX CHARACTERISTICS

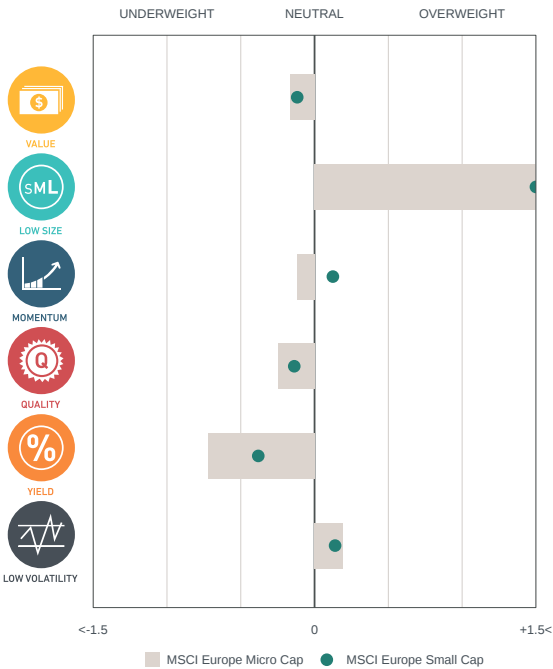
MSCI Europe Micro Cap	
Number of Constituents	1,434
Mkt Cap ( USD Millions)	
Index	134,858.00
Largest	594.97
Smallest	3.08
Average	94.04
Median	63.09

### TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap ( USD Billions)	Index Wt. (%)	Sector
PETROPAVLOVSK	GB	0.59	0.44	Materials
SPAREBANKEN VEST	NO	0.57	0.42	Financials
SPEEDY HIRE	GB	0.55	0.41	Industrials
REACH	GB	0.52	0.39	Comm Srvcs
INVISIO COMMUNICATIONS	SE	0.49	0.36	Industrials
WINCANTON	GB	0.48	0.36	Industrials
CODEMASTERS GROUP HLDGS	GB	0.47	0.35	Comm Srvcs
TRIPLE POINT SOCIAL HSG	GB	0.46	0.34	Real Estate
STRIX GROUP	GB	0.45	0.34	Info Tech
MIPS	SE	0.45	0.34	Cons Discr
<b>Total</b>		<b>5.04</b>	<b>3.74</b>	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

#### MSCI FACTOR BOX



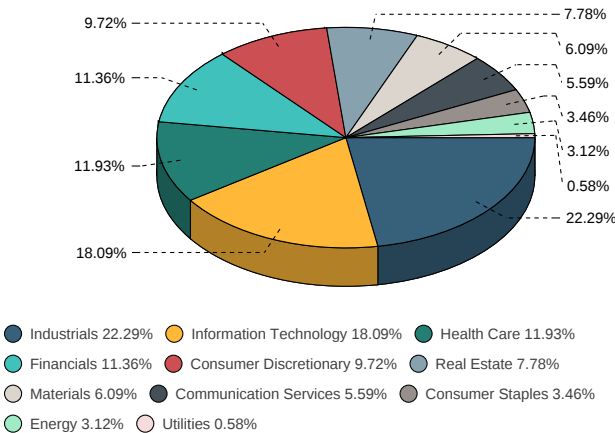
#### MSCI FaCS

- 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

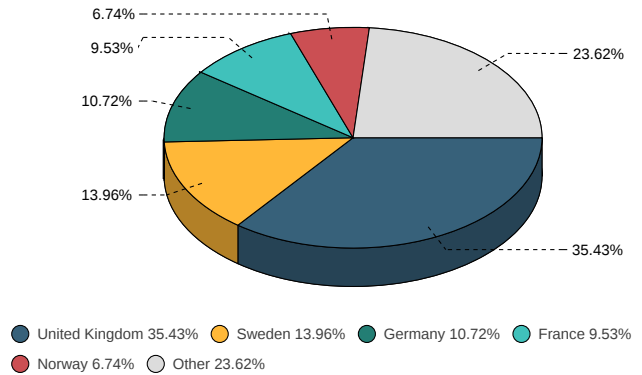
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The index is based on the [MSCI Global Investable Market Indexes \(GIMI\) Methodology](#) —a comprehensive and consistent approach to index construction that allows for meaningful global views and cross regional comparisons across all market capitalization size, sector and style segments and combinations. This methodology aims to provide exhaustive coverage of the relevant investment opportunity set with a strong emphasis on index liquidity, investability and replicability. The index is reviewed quarterly—in February, May, August and November—with the objective of reflecting change in the underlying equity markets in a timely manner, while limiting undue index turnover. During the May and November semi-annual index reviews, the index is rebalanced and all capitalization cutoff points are recalculated.

## FACTOR BOX AND FaCS METHODOLOGY

MSCI FaCS is a standard method ([MSCI FaCS Methodology](#)) 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

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