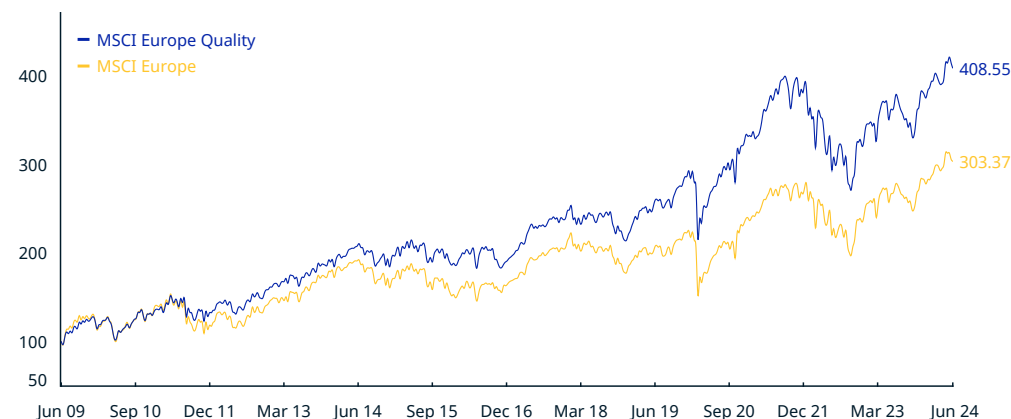


MSCI Europe Quality Index (USD)

The **MSCI Europe Quality Index** is based on MSCI Europe, its parent index, which includes large and mid cap stocks across 15 Developed Markets (DM) countries in Europe*. The index aims to capture the performance of quality growth stocks by identifying stocks with high quality scores based on three main fundamental variables: high return on equity (ROE), stable year-over-year earnings growth and low financial leverage. The MSCI Quality Indexes complement existing MSCI Factor Indexes and can provide an effective diversification role in a portfolio of factor strategies.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (JUN 2009 – JUN 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Quality	MSCI Europe
2023	20.20	20.66
2022	-19.09	-14.53
2021	19.37	16.97
2020	15.57	5.93
2019	32.75	24.59
2018	-11.26	-14.32
2017	26.36	26.24
2016	-3.35	0.22
2015	3.74	-2.34
2014	-0.27	-5.68
2013	21.52	25.96
2012	18.92	19.93
2011	0.47	-10.50
2010	6.02	4.49

INDEX PERFORMANCE – GROSS RETURNS (%) (JUN 28, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Jun 30, 1994
					3 Yr	5 Yr	10 Yr		
MSCI Europe Quality	-0.57	2.13	11.53	6.23	2.96	9.33	6.98	10.18	
MSCI Europe	-2.22	0.92	12.37	6.36	4.55	7.77	4.78	7.54	

FUNDAMENTALS (JUN 28, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
2.38	21.47	19.27	5.85
3.19	14.70	13.30	2.07

INDEX RISK AND RETURN CHARACTERISTICS (JUN 01, 1994 – JUN 28, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Jun 01, 1994	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Quality	0.84	5.50	24.84	19.65	18.57	15.83	0.09	0.46	0.41	0.54	53.69	2008-05-19–2009-03-03
MSCI Europe	1.00	0.00	3.36	18.27	19.20	16.45	0.17	0.37	0.27	0.35	62.72	2007-10-31–2009-03-09

¹ Last 12 months ² Based on monthly gross returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

* DM 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 Quality Index was launched on Dec 18, 2012. 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.

INDEX CHARACTERISTICS

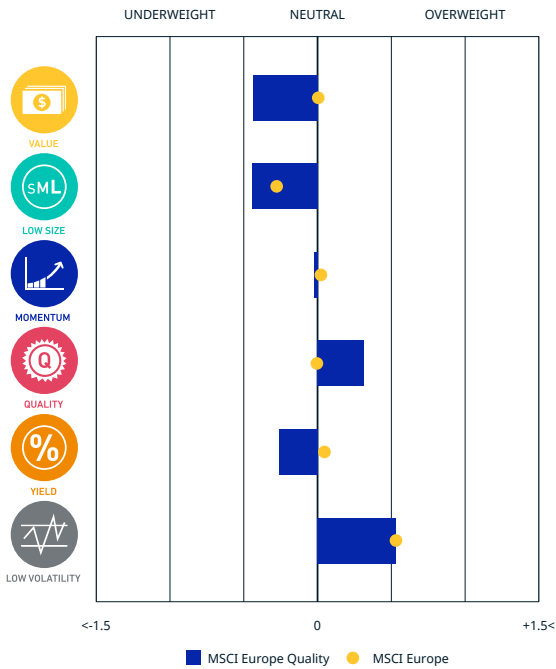
	MSCI Europe Quality	MSCI Europe
Number of Constituents	125	418
	Weight (%)	
Largest	5.65	4.34
Smallest	0.04	0.02
Average	0.80	0.24
Median	0.30	0.10

TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
ASML HLDG	NL	5.65	3.80	Info Tech
NOVO NORDISK B	DK	5.43	4.34	Health Care
ROCHE HOLDING GENUSS	CH	5.20	1.79	Health Care
ASTRAZENECA	GB	5.04	2.23	Health Care
NOVARTIS	CH	4.97	1.94	Health Care
NESTLE	CH	4.94	2.51	Cons Staples
LVMH MOET HENNESSY	FR	4.64	1.94	Cons Discr
UNILEVER PLC (GB)	GB	3.45	1.27	Cons Staples
SCHNEIDER ELECTRIC	FR	2.56	1.20	Industrials
L'OREAL	FR	2.54	0.97	Cons Staples
Total		44.43	21.98	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



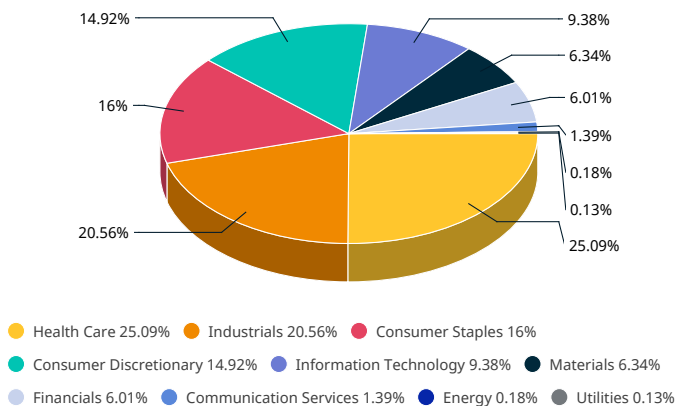
MSCI FaCS

- 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

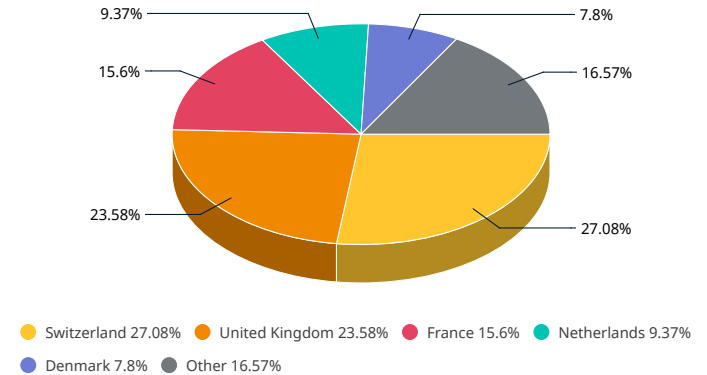
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SECTOR WEIGHTS



COUNTRY WEIGHTS



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 45 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.

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