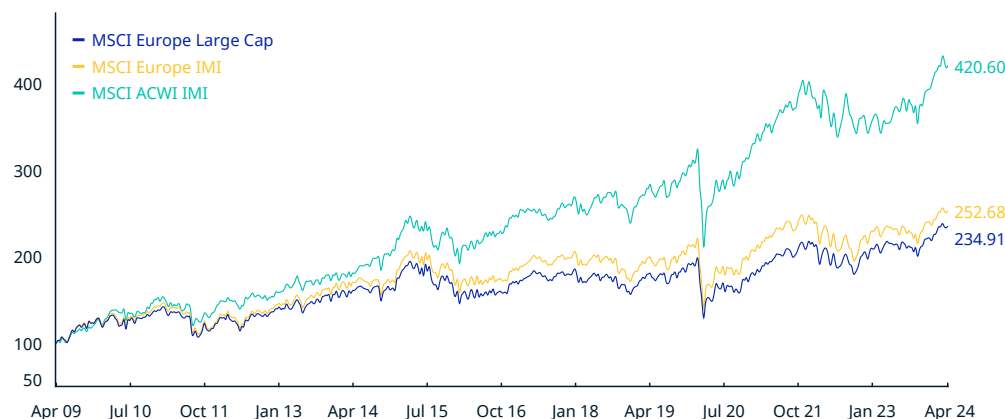


MSCI Europe Large Cap Index (EUR)

The **MSCI Europe Large Cap Index** captures large cap representation across 15 Developed Markets (DM) countries in Europe*. With 190 constituents, the index covers approximately 70% of the free float-adjusted market capitalization across the European Developed Markets equity universe.

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

CUMULATIVE INDEX PERFORMANCE – PRICE RETURNS (EUR) (APR 2009 – APR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Large Cap	MSCI Europe IMI	MSCI ACWI IMI
2023	12.97	12.39	15.43
2022	-9.63	-13.54	-14.58
2021	23.14	22.30	25.36
2020	-7.28	-4.33	4.91
2019	21.06	23.02	26.14
2018	-12.54	-13.70	-7.34
2017	6.18	8.45	6.86
2016	-0.21	-0.60	9.36
2015	3.89	7.18	6.90
2014	3.63	4.13	15.98
2013	15.53	17.84	15.83
2012	12.71	14.41	12.03
2011	-10.02	-11.86	-6.86
2010	6.33	9.92	19.93

INDEX PERFORMANCE – PRICE RETURNS (%) (APR 30, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 31, 1998
MSCI Europe Large Cap	-1.43	4.00	8.62	5.99	6.76	5.36	3.81	1.76
MSCI Europe IMI	-1.45	3.72	7.62	5.02	4.29	4.84	4.00	2.48
MSCI ACWI IMI	-2.57	4.98	18.60	6.94	6.01	8.27	8.84	4.88

FUNDAMENTALS (APR 30, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.19	14.64	13.47	2.19
3.19	14.92	13.30	2.01
2.00	20.71	16.94	2.76

INDEX RISK AND RETURN CHARACTERISTICS (APR 30, 2024)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 31, 1998	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Large Cap	4.49	13.14	15.44	13.79	0.46	0.38	0.33	0.09	64.14	2000-09-04–2009-03-09
MSCI Europe IMI	3.22	14.11	16.35	14.27	0.27	0.33	0.33	0.14	61.20	2000-03-06–2009-03-09
MSCI ACWI IMI	2.51	13.58	15.40	13.53	0.40	0.56	0.68	0.30	62.20	2000-09-07–2009-03-09

¹ Last 12 months

² Based on monthly price returns data

³ Based on EMMI EURIBOR 1M 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 Large Cap Index was launched on Jun 05, 2007. 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

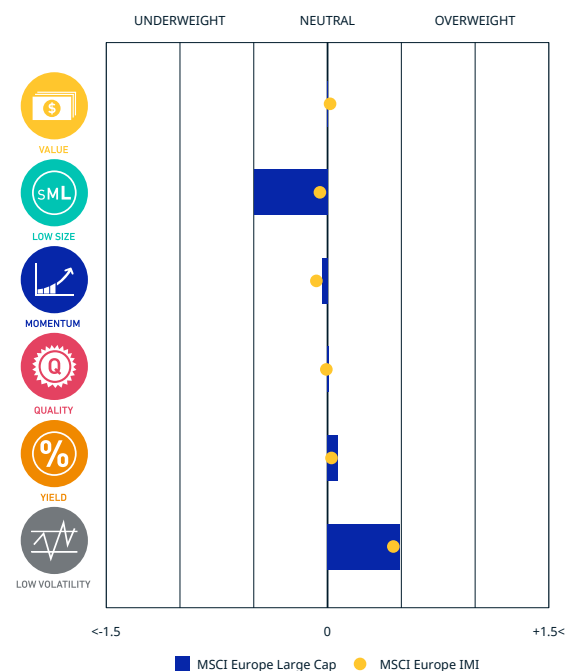
MSCI Europe Large Cap	
Number of Constituents	190
Mkt Cap (EUR Millions)	
Index	8,413,816.06
Largest	394,926.79
Smallest	3,918.79
Average	44,283.24
Median	26,581.91

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (EUR Billions)	Index Wt. (%)	Sector
NOVO NORDISK B	DK	394.93	4.69	Health Care
ASML HLDG	NL	335.69	3.99	Info Tech
NESTLE	CH	251.03	2.98	Cons Staples
ASTRAZENECA	GB	218.96	2.60	Health Care
SHELL	GB	218.01	2.59	Energy
LVMH MOET HENNESSY	FR	213.83	2.54	Cons Discr
NOVARTIS	CH	186.13	2.21	Health Care
SAP	DE	177.21	2.11	Info Tech
ROCHE HOLDING GENUSS	CH	158.04	1.88	Health Care
HSBC HOLDINGS (GB)	GB	156.05	1.85	Financials
Total		2,309.89	27.45	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



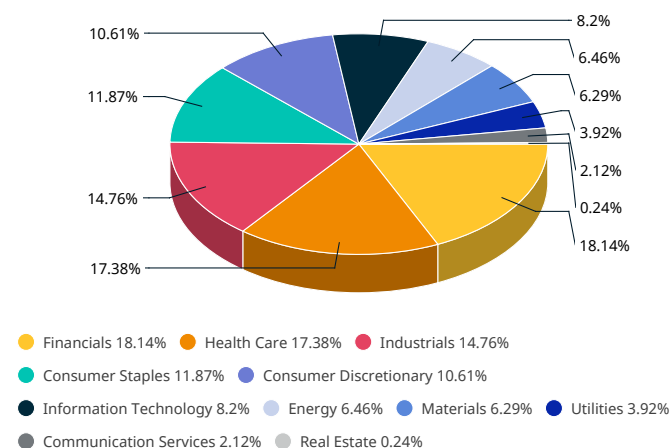
MSCI FaCS

- 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

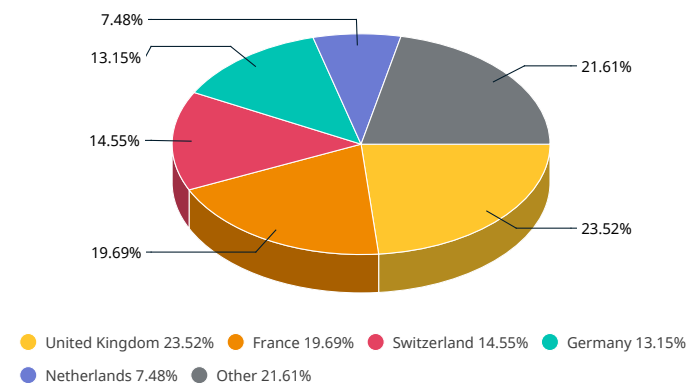
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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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