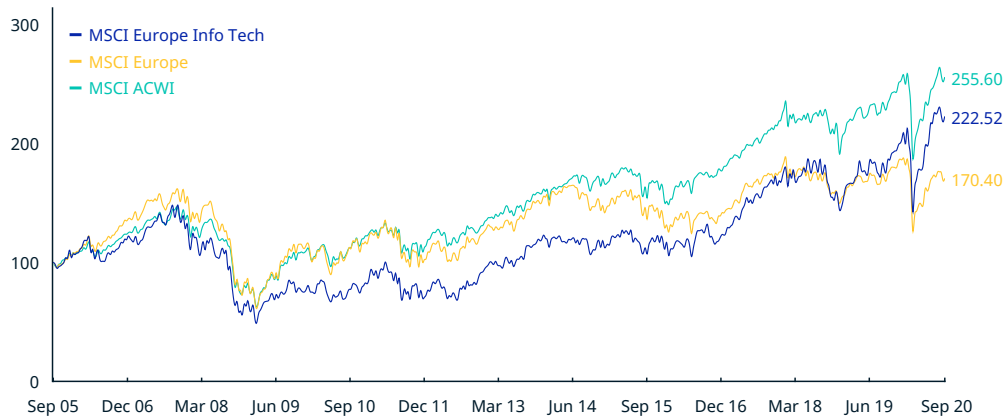


MSCI Europe Information Technology Index (USD)

The MSCI Europe Information Technology Index is designed to capture the large and mid cap segments across 15 Developed Markets (DM) countries in Europe*. All securities in the index are classified in the Information Technology sector as per the Global Industry Classification Standard (GICS®).

CUMULATIVE INDEX PERFORMANCE – NET RETURNS (USD) (SEP 2005 – SEP 2020)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe Info Tech	MSCI Europe	MSCI ACWI
2019	35.09	23.77	26.60
2018	-11.30	-14.86	-9.41
2017	36.18	25.51	23.97
2016	1.20	-0.40	7.86
2015	3.62	-2.84	-2.36
2014	-4.76	-6.18	4.16
2013	33.38	25.23	22.80
2012	27.72	19.12	16.13
2011	-12.75	-11.06	-7.35
2010	8.86	3.88	12.67
2009	17.76	35.83	34.63
2008	-51.35	-46.42	-42.19
2007	10.18	13.86	11.66
2006	17.85	33.72	20.95

INDEX PERFORMANCE – NET RETURNS (%) (SEP 30, 2020)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 29, 2000
					3 Yr	5 Yr	10 Yr		
MSCI Europe Info Tech	-3.45	8.11	24.64	11.02	10.95	15.12	11.03	0.00	
MSCI Europe	-3.33	4.51	-0.79	-8.85	-0.61	4.24	4.26	3.58	
MSCI ACWI	-3.22	8.13	10.44	1.37	7.12	10.30	8.55	5.46	

FUNDAMENTALS (SEP 30, 2020)

Div Yld (%)	P/E	P/E Fwd	P/BV
0.84	35.19	26.65	5.08
2.71	19.85	16.72	1.73
2.04	24.03	19.20	2.48

INDEX RISK AND RETURN CHARACTERISTICS (SEP 30, 2020)

	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2,3}			Since Dec 29, 2000	MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Europe Info Tech	8.22	18.82	18.21	18.97	0.55	0.80	0.61	0.30	86.94	2000-02-29–2002-10-08
MSCI Europe	3.04	16.46	14.91	16.10	-0.06	0.27	0.29	0.30	62.99	2007-10-31–2009-03-09
MSCI ACWI	3.77	16.88	14.42	13.72	0.39	0.66	0.61	0.31	33.74	2020-02-12–2020-03-23

¹ Last 12 months

² Based on monthly net returns data

³ 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 Information Technology Index was launched on Sep 15, 1999. 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

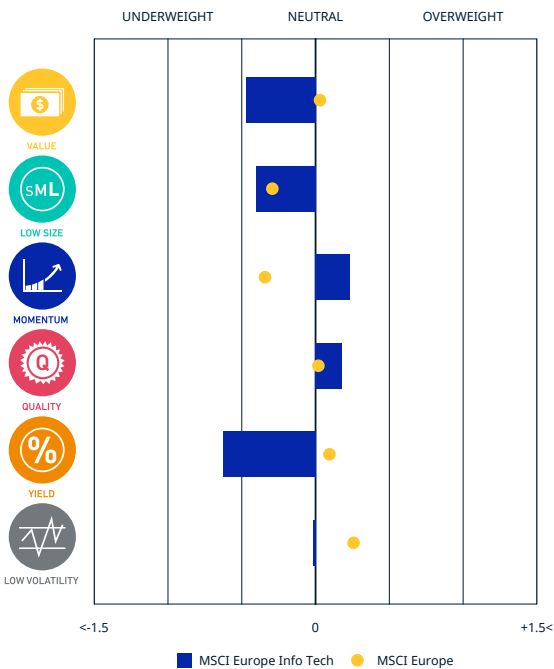
MSCI Europe Info Tech	
Number of Constituents	23
Mkt Cap (USD Millions)	
Index	659,432.49
Largest	162,566.57
Smallest	3,997.32
Average	28,670.98
Median	12,830.33

TOP 10 CONSTITUENTS

	Country	Float Adj Mkt Cap (USD Billions)	Index Wt. (%)
SAP	DE	162.57	24.65
ASML HLDG	NL	157.08	23.82
INFINEON TECHNOLOGIES	DE	35.37	5.36
ADYEN NV	NL	33.40	5.06
ERICSSON (LM) B	SE	32.05	4.86
AMADEUS IT GROUP A	ES	25.14	3.81
DASSAULT SYSTEMES	FR	24.75	3.75
NOKIA CORP	FI	22.21	3.37
HEXAGON B	SE	21.31	3.23
CAPGEMINI	FR	20.72	3.14
Total		534.61	81.07

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



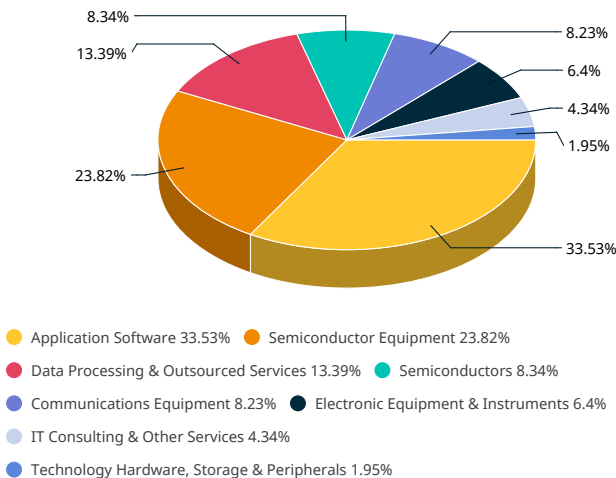
MSCI FaCS

- 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

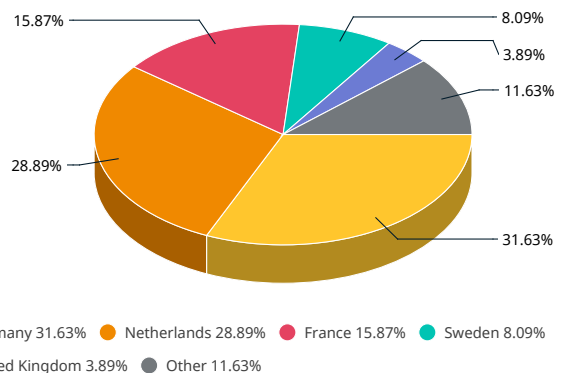
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

SUB-INDUSTRY 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 the large and mid 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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