

MSCI EUROPE INDEX (EUR)

The MSCI Europe Index captures large and mid cap representation across 15 Developed Markets (DM) countries in Europe*. With 443 constituents, the index covers approximately 85% of the free float-adjusted market capitalization across the European Developed Markets equity universe.

CUMULATIVE INDEX PERFORMANCE - PRICE RETURNS (EUR) (MAY 2003 – MAY 2018)



ANNUAL PERFORMANCE (%)

Year	MSCI Europe	MSCI World	MSCI ACWI
2017	7.28	5.50	6.82
2016	-0.50	8.47	8.79
2015	5.47	8.34	6.65
2014	4.10	17.21	16.26
2013	16.42	18.74	15.05
2012	13.38	11.44	11.69
2011	-10.94	-4.53	-6.39
2010	8.04	17.16	18.09
2009	27.15	23.02	27.42
2008	-45.52	-39.08	-40.61
2007	0.07	-3.41	-1.11
2006	16.49	5.51	6.25
2005	22.77	23.95	25.40
2004	9.36	4.71	5.14

INDEX PERFORMANCE — PRICE RETURNS (%) (MAY 31, 2018)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Dec 31, 1998
MSCI Europe	-0.64	0.93	-1.83	-1.68	-1.62	4.60	1.39	1.33
MSCI World	3.82	3.25	5.46	2.36	3.38	9.56	6.21	3.16
MSCI ACWI	3.32	2.61	5.68	2.02	3.22	9.00	5.74	3.28

FUNDAMENTALS (MAY 31, 2018)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.45	17.04	13.83	1.80
2.41	19.29	15.41	2.37
2.41	18.53	14.84	2.27

INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2018)

	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	2.40	12.33	11.69	14.76	-0.05	0.46	0.13	0.04	61.72	2000-09-04—2009-03-09
MSCI World	2.49	11.51	10.26	12.61	0.37	0.96	0.50	0.16	65.24	2000-09-07—2009-03-09
MSCI ACWI	2.60	11.29	10.11	12.75	0.36	0.92	0.46	0.17	63.53	2000-09-07—2009-03-09

¹ Last 12 months ² Based on monthly price returns data ³ Based on ICE LIBOR 1M

* 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 Index was launched on Dec 31, 1969. 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.

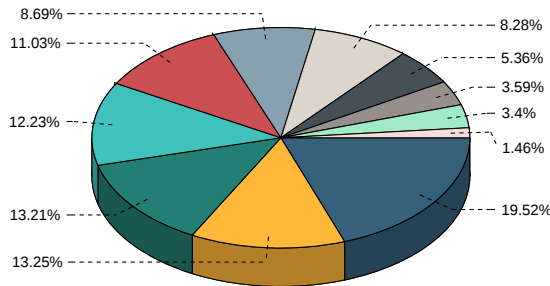
INDEX CHARACTERISTICS

MSCI Europe	
Number of Constituents	443
Mkt Cap (EUR Millions)	
Index	7,830,024.61
Largest	201,714.87
Smallest	1,863.93
Average	17,675.00
Median	8,540.95

TOP 10 CONSTITUENTS

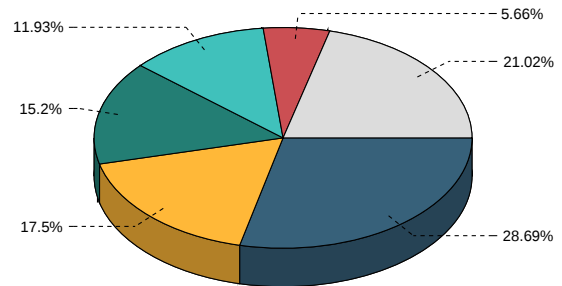
	Country	Float Adj Mkt Cap (EUR Billions)	Index Wt. (%)	Sector
NESTLE	CH	201.71	2.58	Cons Staples
HSBC HOLDINGS (GB)	GB	164.24	2.10	Financials
NOVARTIS	CH	141.42	1.81	Health Care
ROYAL DUTCH SHELL A	GB	135.05	1.72	Energy
BP	GB	129.97	1.66	Energy
ROCHE HOLDING GENUSS	CH	129.21	1.65	Health Care
TOTAL	FR	125.03	1.60	Energy
ROYAL DUTCH SHELL B	GB	114.30	1.46	Energy
BRITISH AMERICAN TOBACCO	GB	101.16	1.29	Cons Staples
SAP	DE	94.68	1.21	Info Tech
Total		1,336.78	17.07	

SECTOR WEIGHTS



- Financials 19.52%
- Industrials 13.25%
- Consumer Staples 13.21%
- Health Care 12.23%
- Consumer Discretionary 11.03%
- Materials 8.69%
- Energy 8.28%
- Information Technology 5.36%
- Utilities 3.59%
- Telecommunication Services 3.4%
- Real Estate 1.46%

COUNTRY WEIGHTS



- United Kingdom 28.69%
- France 17.5%
- Germany 15.2%
- Switzerland 11.93%
- Netherlands 5.66%
- Other 21.02%

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.

ABOUT MSCI

For more than 40 years, MSCI's research-based indexes and analytics have helped the world's leading investors build and manage better portfolios. Clients rely on our offerings for deeper insights into the drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG research. MSCI serves 99 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at www.msci.com.

The information contained herein (the "Information") may not be reproduced or disseminated 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 OR INDIRECT 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 OF 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 PARTIES HAVE ANY LIABILITY REGARDING ANY OF THE INFORMATION FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR ANY OTHER DAMAGES EVEN IF NOTIFIED OF THE POSSIBILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not be by applicable law be excluded or limited.

© 2018 MSCI Inc. All rights reserved.