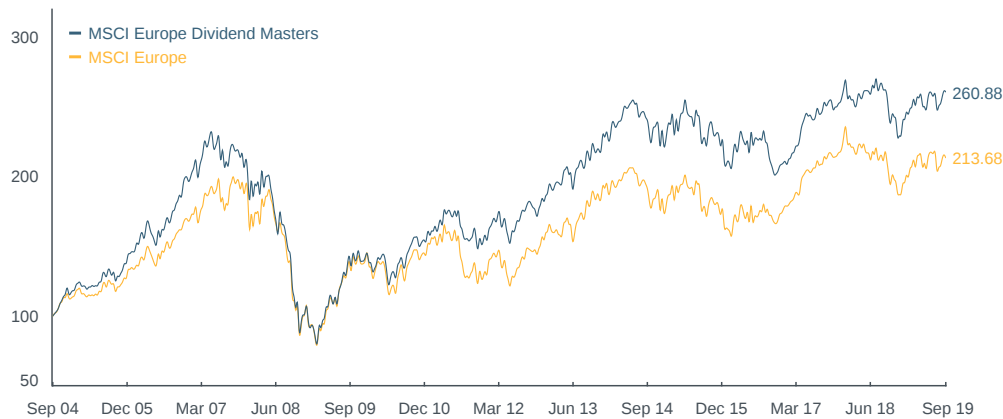


# MSCI EUROPE DIVIDEND MASTERS INDEX (USD)

The MSCI Europe Dividend Masters Index captures large and mid-cap representation across 15 Developed Markets countries\* in Europe. The index is designed to capture the performance of companies in MSCI Europe Index that have consistently increased dividends every year for at least 10 years. The index is constructed by targeting a minimum of 25 securities and the index constituents are equally weighted. The sector weights are capped at 30% and country weights are capped at 50% to mitigate potential concentration risks.

## CUMULATIVE INDEX PERFORMANCE - NET RETURNS (USD) (SEP 2004 – SEP 2019)



## ANNUAL PERFORMANCE (%)

Year	MSCI Europe Dividend Masters	MSCI Europe
2018	-10.87	-14.86
2017	22.08	25.51
2016	-6.58	-0.40
2015	-1.77	-2.84
2014	-0.31	-6.18
2013	26.74	25.23
2012	16.33	19.12
2011	0.68	-11.06
2010	9.18	3.88
2009	38.77	35.83
2008	-51.40	-46.42
2007	5.97	13.86
2006	43.54	33.72
2005	15.67	9.42

## INDEX PERFORMANCE — NET RETURNS (%) (SEP 30, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			
					3 Yr	5 Yr	10 Yr	Since Nov 29, 2002
MSCI Europe Dividend Masters	3.07	0.20	-0.98	13.44	5.29	1.74	6.50	9.56
MSCI Europe	2.72	-1.80	-0.75	13.72	6.57	2.38	4.61	6.69

## FUNDAMENTALS (SEP 30, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
3.05	18.91	16.73	2.49
3.62	16.21	13.72	1.83

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2002 – SEP 30, 2019)

	Beta	Tracking Error (%)	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2,3</sup>			Since Nov 29, 2002	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI Europe Dividend Masters	0.91	6.24	24.55	12.35	12.39	14.04	0.34	0.11	0.47	0.53	66.75	2007-06-04—2009-03-09
MSCI Europe	1.00	0.00	1.83	12.50	13.12	16.33	0.44	0.16	0.32	0.37	62.99	2007-10-31—2009-03-09

<sup>1</sup> Last 12 months      <sup>2</sup> Based on monthly net 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 Dividend Masters Index was launched on Jul 15, 2014. 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

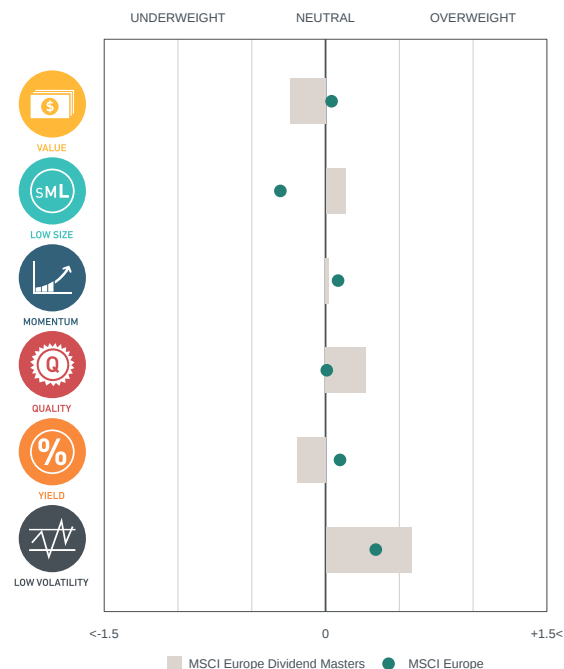
	MSCI Europe Dividend Masters	MSCI Europe
Number of Constituents	34	442
	Weight (%)	
Largest	3.39	3.84
Smallest	2.69	0.02
Average	2.94	0.23
Median	2.92	0.10

### TOP 10 CONSTITUENTS

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
STANDARD LIFE ABERDEEN	GB	3.39	0.10	Financials
FLUTTER ENTERTAINMENT	IE	3.36	0.08	Cons Discr
SSE	GB	3.18	0.18	Utilities
ASHTREAD GROUP	GB	3.13	0.15	Industrials
SANOFI	FR	3.10	1.20	Health Care
AHOLD DELHAIZE	NL	3.10	0.34	Cons Staples
VODAFONE GROUP	GB	3.08	0.62	Comm Srvcs
WPP	GB	3.07	0.18	Comm Srvcs
FUCHS PETROLUB VORZUG	DE	3.06	0.03	Materials
L'OREAL	FR	3.04	0.82	Cons Staples
<b>Total</b>		<b>31.51</b>	<b>3.71</b>	

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

#### MSCI FACTOR BOX



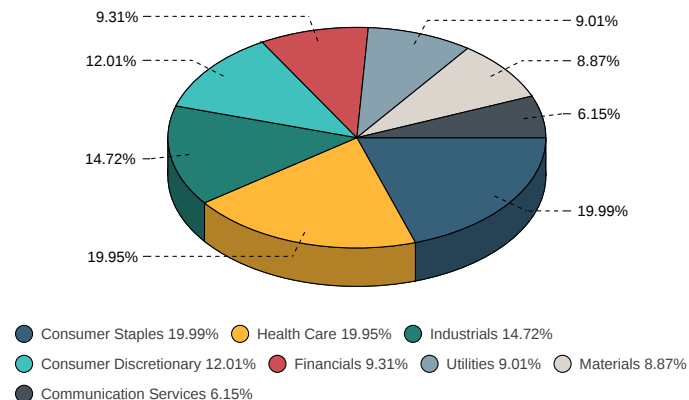
#### MSCI FaCS

- 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

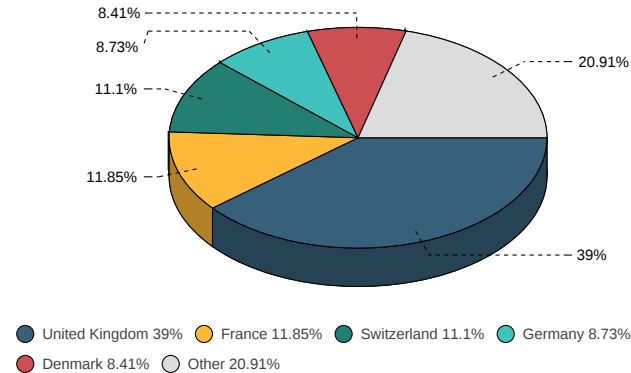
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

### SECTOR WEIGHTS



### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The [MSCI Dividend Masters Indexes](#) are constructed by targeting a minimum number of securities that have consistently increased dividends every year for a specific number of consecutive years. The index constituents are equally weighted and are diversified across GICS® sectors and countries. The sector and country weights are capped at defined thresholds to mitigate concentration risks. The Indexes are reconstituted annually and the constituent weights are reset to equal weights at every quarter.

## 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

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](http://www.msci.com).

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