# MSCI EAFE HIGH DIVIDEND YIELD INDEX (USD)

The MSCI EAFE High Dividend Yield Index is based on MSCI EAFE, its parent index, and includes large and mid cap representation across Developed Markets countries\* around the world, excluding the US and Canada. The index is designed to reflect the performance of equities in the parent index (excluding REITs) with higher dividend income and quality characteristics than average dividend yields that are both sustainable and persistent. The index also applies quality screens and reviews 12-month past performance to omit stocks with potentially deteriorating fundamentals that could force them to cut or reduce dividends.

# CUMULATIVE INDEX PERFORMANCE - NET RETURNS (USD) (DEC 2003 - DEC 2018)

# 300 — MSCI EAFE High Dividend Yield — MSCI EAFE 200 100 Dec 03 Mar 05 Jun 06 Sep 07 Dec 08 Mar 10 Jun 11 Sep 12 Dec 13 Mar 15 Jun 16 Sep 17 Dec 18

### **ANNUAL PERFORMANCE (%)**

Year	MSCI EAFE High Dividend Yield	MSCI EAFE
2018	-11.75	-13.79
2017	19.89	25.03
2016	3.08	1.00
2015	-6.74	-0.81
2014	-3.61	-4.90
2013	23.89	22.78
2012	13.38	17.32
2011	-1.19	-12.14
2010	-0.32	7.75
2009	40.53	31.78
2008	-46.70	-43.38
2007	11.91	11.17
2006	34.75	26.34
2005	9.48	13.54

### **INDEX PERFORMANCE — NET RETURNS** (%) ( DEC 31, 2018 )

					ANNUALIZED			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Jun 30, 1995
MSCI EAFE High Dividend Yield	-3.88	-10.36	-11.75	-11.75	2.93	-0.40	6.66	7.27
MSCI EAFE	-4.85	-12.54	-13.79	-13.79	2.87	0.53	6.32	4.48

# FUNDAMENTALS (DEC 31, 2018)

Div Yld (%)	P/E	P/E Fwd	P/BV	
5.58	11.19	10.57	1.61	
3.68	13.23	11.88	1.46	

## INDEX RISK AND RETURN CHARACTERISTICS (JUN 30, 1995 – DEC 31, 2018)

				ANNUALIZED STD DEV (%) 2		SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) 1	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Jun 30, 1995	(%)	Period YYYY-MM-DD
MSCI EAFE High Dividend Yield	0.98	5.28	21.40	10.92	11.85	17.17	0.21	-0.04	0.43	0.35	64.85	2007-10-31—2009-03-09
MSCI EAFE	1.00	0.00	1.93	11.40	11.78	16.27	0.20	0.04	0.43	0.19	60.41	2007-10-31—2009-03-09
			1 Last 12	months <sup>2</sup> Based on monthly		nly net returns data <sup>3</sup> Based on ICE		LIBOR 1M				

The MSCI EAFE High Dividend Yield Index was launched on Oct 31, 2006. 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.



<sup>\*</sup> Developed Markets countries include: Australia, Austria, Belgium, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the UK.

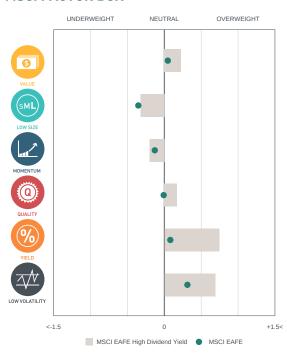
### INDEX CHARACTERISTICS

	MSCI EAFE High Dividend Yield	MSCI EAFE
Number of	106	920
Constituents		
	Weig	ht (%)
Largest	5.02	1.99
Smallest	0.08	0.01
Average	0.94	0.11
Median	0.48	0.05

### **TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
SANOFI	FR	5.02	0.78	Health Care
ALLIANZ	DE	4.96	0.69	Financials
TOTAL	FR	4.95	1.01	Energy
GLAXOSMITHKLINE	GB	4.89	0.75	Health Care
ASTRAZENECA	GB	4.88	0.76	Health Care
BASF	DE	4.07	0.51	Materials
RIO TINTO PLC (GB)	GB	3.58	0.45	Materials
IBERDROLA	ES	3.13	0.39	Utilities
DAIMLER	DE	3.07	0.38	Cons Discr
ZURICH INSURANCE GROUP	CH	2.89	0.36	Financials
Total		41.45	6.08	

# 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

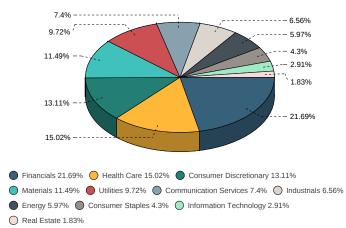


LOW VOLATILITY
Lower Risk Stocks

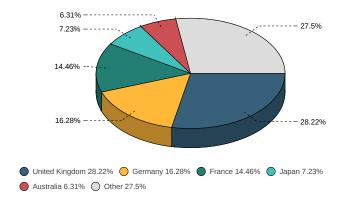
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

# **SECTOR WEIGHTS**



# **COUNTRY WEIGHTS**





### INDEX METHODOLOGY

Each MSCI High Dividend Yield Index targets companies with high dividend income and quality characteristics and includes companies that have higher than average dividend yields that are both sustainable and persistent. Index construction starts with a dividend screening process: only securities with a track record of consistent dividend payments and with the capacity to sustain dividend payouts into the future are eligible index constituents. Securities are also screened based on certain "quality" factors such as return on equity (ROE), earnings variability, debt to equity (D/E), and on recent 12-month price performance. The goal is to exclude stocks with potentially deteriorating fundamentals that could be forced to cut or reduce dividends. From the list of eligible companies, only those with higher than average dividend yields are selected for inclusion in the index. Issuer weights are capped at 5%. The index is market cap weighted and rebalanced semi-annually in May and November.

### 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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