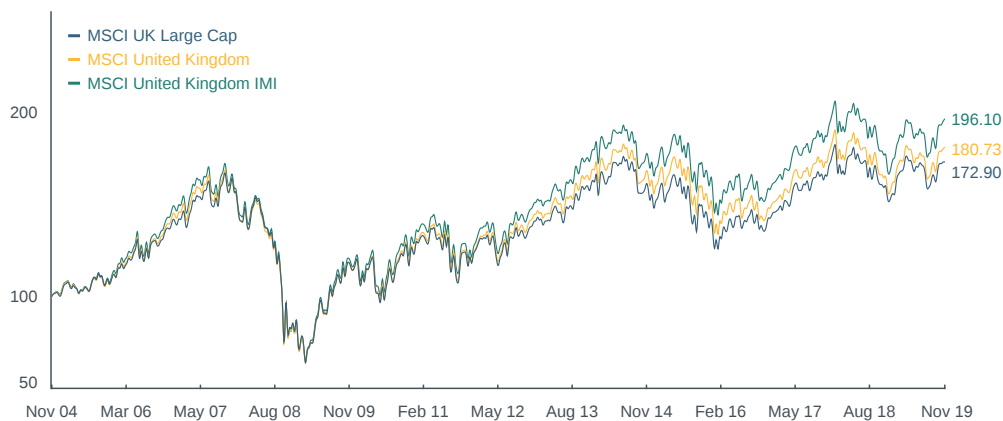


# MSCI UK LARGE CAP INDEX (USD)

The MSCI UK Large Cap Index is designed to measure the performance of the large cap segments of the UK market. With 35 constituents, the index covers approximately 70% of the free float-adjusted market capitalization in the UK.

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



## ANNUAL PERFORMANCE (%)

Year	MSCI UK Large Cap	MSCI United Kingdom	MSCI United Kingdom IMI
2018	-13.14	-14.15	-15.04
2017	21.99	22.30	23.70
2016	2.88	-0.10	-1.57
2015	-9.18	-7.56	-5.46
2014	-6.65	-5.39	-5.43
2013	19.37	20.67	22.78
2012	12.86	15.25	17.36
2011	-2.05	-2.56	-3.72
2010	7.59	8.76	10.66
2009	41.09	43.30	45.74
2008	-47.63	-48.34	-49.09
2007	11.50	8.36	7.21
2006	27.87	30.61	32.25
2005	7.23	7.35	8.79

## INDEX PERFORMANCE — NET RETURNS (%) (NOV 29, 2019)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED			Since May 31, 1994
					3 Yr	5 Yr	10 Yr	
MSCI UK Large Cap	1.25	7.91	9.27	13.43	7.85	1.65	4.31	6.65
MSCI United Kingdom	1.71	8.92	10.76	15.12	7.97	1.66	4.79	6.37
MSCI United Kingdom IMI	2.06	9.96	11.92	16.61	8.38	2.22	5.45	7.21

## FUNDAMENTALS (NOV 29, 2019)

Div Yld (%)	P/E	P/E Fwd	P/BV
4.90	13.59	12.20	1.59
4.60	13.72	12.68	1.70
4.35	13.90	12.94	1.72

## INDEX RISK AND RETURN CHARACTERISTICS (NOV 29, 2019)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			SHARPE RATIO <sup>2, 3</sup>			Since May 31, 1994	MAXIMUM DRAWDOWN (%)	Period YYYY-MM-DD
		3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr			
MSCI UK Large Cap	2.52	11.90	13.09	15.06	0.55	0.10	0.31	0.32	62.77	2007-10-31—2009-03-09
MSCI United Kingdom	2.93	12.03	13.17	15.09	0.55	0.10	0.34	0.30	63.44	2007-10-31—2009-03-09
MSCI United Kingdom IMI	1.85	12.21	13.32	15.23	0.58	0.14	0.38	0.35	63.70	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

The MSCI UK Large Cap Index was launched on Jun 05, 2007. 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.

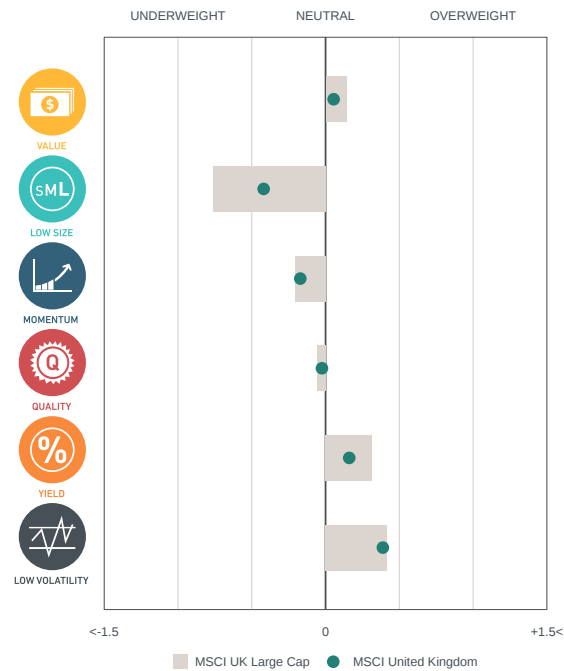
### INDEX CHARACTERISTICS

MSCI UK Large Cap	
Number of Constituents	35
Mkt Cap ( USD Millions)	
Index	1,837,566.02
Largest	150,502.88
Smallest	11,838.31
Average	52,501.89
Median	38,875.14

### TOP 10 CONSTITUENTS

	Float Adj Mkt Cap ( USD Billions)	Index Wt. (%)	Sector
HSBC HOLDINGS (GB)	150.50	8.19	Financials
ASTRAZENECA	126.56	6.89	Health Care
BP	126.54	6.89	Energy
ROYAL DUTCH SHELL A	122.37	6.66	Energy
GLAXOSMITHKLINE	113.18	6.16	Health Care
ROYAL DUTCH SHELL B	105.80	5.76	Energy
DIAGEO	96.84	5.27	Cons Staples
BRITISH AMERICAN TOBACCO	90.79	4.94	Cons Staples
UNILEVER PLC (GB)	65.72	3.58	Cons Staples
RIO TINTO PLC (GB)	61.41	3.34	Materials
<b>Total</b>	<b>1,059.71</b>	<b>57.67</b>	

### FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



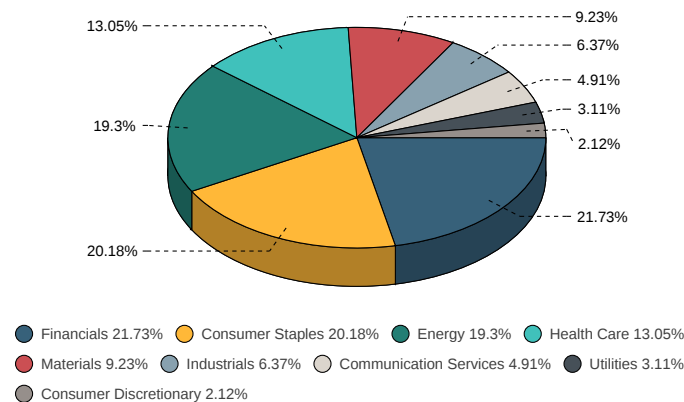
### MSCI FaCS

- 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



## 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 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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