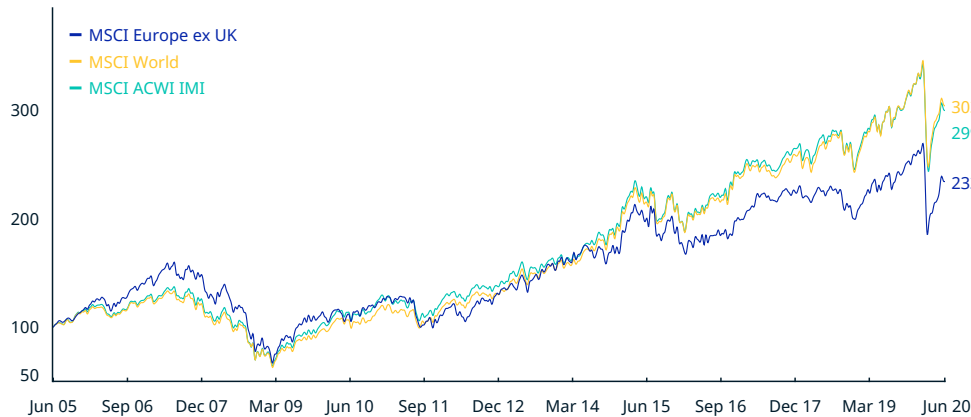


# MSCI Europe ex UK Index (EUR)

The MSCI Europe ex UK Index captures large and mid cap representation across 14 Developed Markets (DM) countries in Europe\*. With 349 constituents, the index covers approximately 85% of the free float-adjusted market capitalization across European Developed Markets excluding the UK.

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (EUR) (JUN 2005 – JUN 2020)



## ANNUAL PERFORMANCE (%)

| Year | MSCI Europe ex UK | MSCI World | MSCI ACWI IMI |
|------|-------------------|------------|---------------|
| 2019 | 28.22             | 30.76      | 29.37         |
| 2018 | -10.10            | -3.58      | -5.05         |
| 2017 | 12.27             | 8.10       | 9.43          |
| 2016 | 3.31              | 11.39      | 12.22         |
| 2015 | 11.48             | 11.03      | 9.52          |
| 2014 | 7.23              | 20.14      | 18.84         |
| 2013 | 23.17             | 21.86      | 18.81         |
| 2012 | 20.66             | 14.75      | 15.24         |
| 2011 | -11.63            | -1.84      | -4.33         |
| 2010 | 9.56              | 20.14      | 22.86         |
| 2009 | 29.77             | 26.72      | 32.91         |
| 2008 | -42.20            | -37.24     | -39.00        |
| 2007 | 5.94              | -1.18      | 0.71          |
| 2006 | 22.00             | 7.93       | 8.68          |

## INDEX PERFORMANCE – GROSS RETURNS (%) (JUN 30, 2020)

|                   | 1 Mo | 3 Mo  | 1 Yr  | YTD   | ANNUALIZED |      |       |      | Since Dec 31, 1998 |
|-------------------|------|-------|-------|-------|------------|------|-------|------|--------------------|
|                   |      |       |       |       | 3 Yr       | 5 Yr | 10 Yr |      |                    |
| MSCI Europe ex UK | 3.91 | 15.35 | -0.96 | -8.69 | 2.59       | 3.53 | 8.03  | 4.75 |                    |
| MSCI World        | 1.70 | 16.79 | 4.84  | -5.54 | 7.84       | 7.33 | 11.53 | 5.73 |                    |
| MSCI ACWI IMI     | 2.25 | 17.23 | 3.10  | -6.85 | 6.64       | 6.50 | 10.62 | 6.15 |                    |

## FUNDAMENTALS (JUN 30, 2020)

| Div Yld (%) | P/E   | P/E Fwd | P/BV |
|-------------|-------|---------|------|
| 2.31        | 17.15 | 18.06   | 1.75 |
| 2.17        | 20.61 | 20.18   | 2.49 |
| 2.19        | 20.26 | 19.56   | 2.21 |

## INDEX RISK AND RETURN CHARACTERISTICS (JUN 30, 2020)

|                   | Turnover (%) <sup>1</sup> | ANNUALIZED STD DEV (%) <sup>2</sup> |       |       | SHARPE RATIO <sup>2,3</sup> |      |       | Since Dec 31, 1998 | MAXIMUM DRAWDOWN |                       |
|-------------------|---------------------------|-------------------------------------|-------|-------|-----------------------------|------|-------|--------------------|------------------|-----------------------|
|                   |                           | 3 Yr                                | 5 Yr  | 10 Yr | 3 Yr                        | 5 Yr | 10 Yr |                    | (%)              | Period YYYY-MM-DD     |
| MSCI Europe ex UK | 3.18                      | 14.51                               | 14.24 | 13.60 | 0.28                        | 0.34 | 0.64  | 0.27               | 34.43            | 2020-02-19–2020-03-18 |
| MSCI World        | 3.06                      | 15.46                               | 14.32 | 11.93 | 0.59                        | 0.59 | 0.98  | 0.35               | 33.73            | 2020-02-19–2020-03-23 |
| MSCI ACWI IMI     | 3.14                      | 15.76                               | 14.44 | 12.09 | 0.51                        | 0.54 | 0.90  | 0.37               | 34.18            | 2020-02-19–2020-03-23 |

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

<sup>3</sup> Based on ICE LIBOR 1M

\* DM countries in Europe (excluding the UK) include: Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden and Switzerland.

The MSCI Europe ex UK Index was launched on Mar 31, 1986. 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

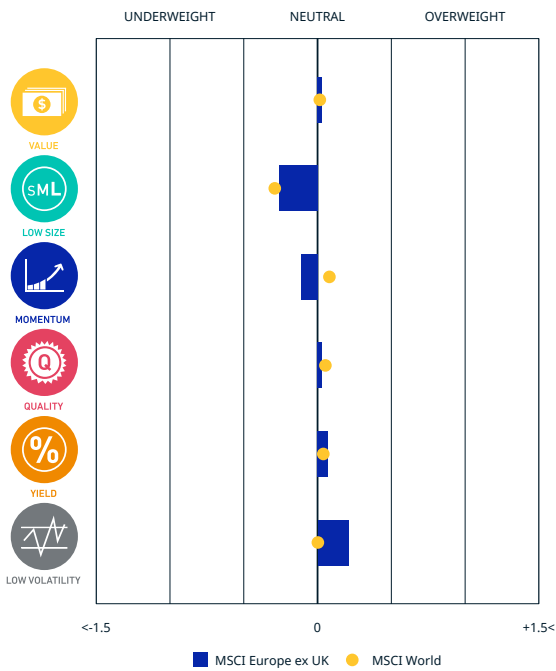
| MSCI Europe ex UK      |              |
|------------------------|--------------|
| Number of Constituents | 349          |
| Mkt Cap (EUR Millions) |              |
| Index                  | 5,634,983.17 |
| Largest                | 292,890.71   |
| Smallest               | 1,408.82     |
| Average                | 16,146.08    |
| Median                 | 7,800.93     |

### TOP 10 CONSTITUENTS

|                      | Country | Float Adj Mkt Cap (EUR Billions) | Index Wt. (%) | Sector       |
|----------------------|---------|----------------------------------|---------------|--------------|
| NESTLE               | CH      | 292.89                           | 5.20          | Cons Staples |
| ROCHE HOLDING GENUSS | CH      | 216.76                           | 3.85          | Health Care  |
| NOVARTIS             | CH      | 166.37                           | 2.95          | Health Care  |
| ASML HLDG            | NL      | 139.15                           | 2.47          | Info Tech    |
| SAP                  | DE      | 129.82                           | 2.30          | Info Tech    |
| LVMH MOET HENNESSY   | FR      | 108.47                           | 1.92          | Cons Discr   |
| SANOFI               | FR      | 102.30                           | 1.82          | Health Care  |
| NOVO NORDISK B       | DK      | 101.94                           | 1.81          | Health Care  |
| TOTAL                | FR      | 83.98                            | 1.49          | Energy       |
| SIEMENS              | DE      | 80.14                            | 1.42          | Industrials  |
| Total                |         | 1,421.82                         | 25.23         |              |

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

#### MSCI FACTOR BOX



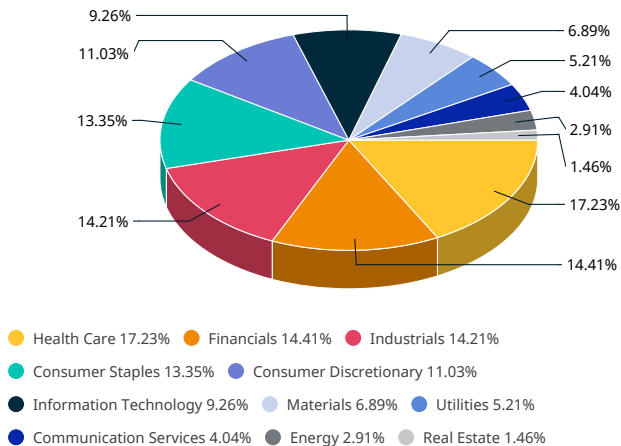
#### MSCI FaCS

- 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

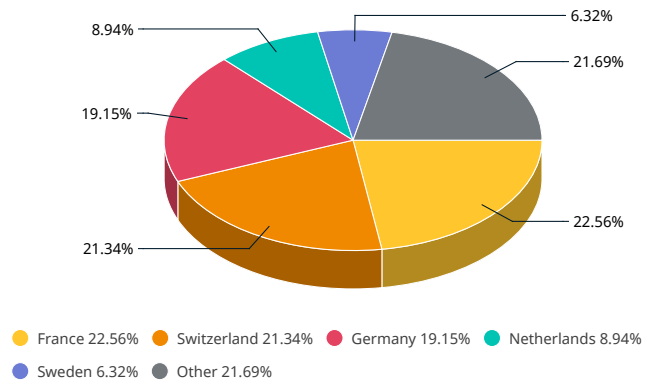
MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

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

#### SECTOR WEIGHTS



#### COUNTRY WEIGHTS



## INDEX METHODOLOGY

The 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

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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