# MSCI World ex USA Diversified Multiple-Factor Index (USD)

The MSCI World ex USA Diversified Multiple-Factor Index is based on the MSCI World ex USA Index, its parent index, which includes large and mid-cap stocks across 22 of 23 Developed Markets (DM) countries\* (excepting the USA). The index aims to maximize exposure to four factors – Value, Momentum, Quality and Low Size – while maintaining a risk profile similar to that of the underlying parent index.

For a complete description of the index methodology, please see Index methodology - MSCI.

# CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAR 2009 – MAR 2024)

# ANNUAL PERFORMANCE (%) MSCI World ex

|     | ·<br>I   | Υ |
|-----|--|---|
|     | MSCI World ex USA Diversified Multiple-Factor     MSCI World ex USA     430.22   | 2 |
| 400 | - Miscr world ex USA   | 2 |
|     | , 334.13   | 2 |
| 300 |  | 2 |
|     | My many many many many many many many man  | 2 |
| 200 | The same of the sa | 2 |
|     |  | 2 |
| 100 |  | 2 |
| 50  |  | 2 |
| Ma  | r 09 Jun 10 Sep 11 Dec 12 Mar 14 Jun 15 Sep 16 Dec 17 Mar 19 Jun 20 Sep 21 Dec 22 Mar 24   |   |

| Year | MSCI World ex<br>USA Diversified<br>Multiple-Factor | MSCI World ex USA |
|------|---|-------------------|
| 2023 | 21.28   | 17.94             |
| 2022 | -13.32  | -14.29            |
| 2021 | 11.61   | 12.62             |
| 2020 | 3.18  | 7.59              |
| 2019 | 18.35   | 22.49             |
| 2018 | -15.58  | -14.09            |
| 2017 | 28.39   | 24.21             |
| 2016 | 0.17  | 2.75              |
| 2015 | 4.31  | -3.04             |
| 2014 | 1.03  | -4.32             |
| 2013 | 25.69   | 21.02             |
| 2012 | 16.53   | 16.41             |
| 2011 | -9.88   | -12.21            |
| 2010 | 16.39   | 8.95              |
|      |   |                   |

## INDEX PERFORMANCE - NET RETURNS (%) (MAR 29, 2024)

#### **FUNDAMENTALS (MAR 29, 2024)**

|  |      |      |       |      | ANNOALIZED |      |                    |                       |             |       |         |      |  |
|--|------|------|-------|------|------------|------|--------------------|-----------------------|-------------|-------|---------|------|--|
|  | 1 Mo | 3 Мо | 1 Yr  | YTD  | 3 Yr       | 5 Yr | 10 Yr <sub>N</sub> | Since<br>lov 30, 1998 | Div Yld (%) | P/E   | P/E Fwd | P/BV |  |
| MSCI World ex USA Diversified<br>Multiple-Factor | 4.00 | 8.40 | 20.20 | 8.40 | 6.48       | 7.04 | 5.69               | 7.95                  | 2.89        | 12.75 | 11.79   | 1.43 |  |
| MSCI World ex USA                                | 3.37 | 5.59 | 15.29 | 5.59 | 4.93       | 7.48 | 4.81               | 4.93                  | 2.95        | 15.76 | 14.33   | 1.94 |  |

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### INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 1998 - MAR 29, 2024)

|  |        |                       |                              | ANNUALIZED STD DEV (%) 2                                       |       | SHARPE RATIO 2,3 |      |   |       | MAXIMUM DRAWDOWN         |       |  |  |  |
|--|--------|-----------------------|------------------------------|--|-------|------------------|------|---|-------|--------------------------|-------|--|--|--|
|  | Beta   | Tracking<br>Error (%) | Turnover<br>(%) <sup>1</sup> | 3 Yr   | 5 Yr  | 10 Yr            | 3 Yr | 5 Yr                                    | 10 Yr | Since<br>Nov 30,<br>1998 | (%)   | Period YYYY-MM-DD                        |  |  |
| MSCI World ex USA Diversified<br>Multiple-Factor | 0.97   | 3.62                  | 40.11                        | 16.60  | 17.86 | 14.99            | 0.31 | 0.36                                    | 0.35  | 0.42                     | 59.99 | 2007-10-31-2009-03-09                    |  |  |
| MSCI World ex USA                                | 1.00   | 0.00                  | 3.06                         | 16.85  | 18.02 | 15.16            | 0.22 | 0.38                                    | 0.29  | 0.25                     | 60.37 | 2007-10-31-2009-03-09                    |  |  |
|  | 1 Last | 12 months             | <sup>2</sup> Based o         | <sup>2</sup> Based on monthly net returns data <sup>3</sup> Ba |       |                  |      | Based on NY FED Overnight SOFR from Sep |       |                          |       | 1 2021 & on ICE LIBOR 1M prior that date |  |  |

The MSCI World ex USA Diversified Multiple-Factor Index was launched on Feb 17, 2015. Data prior to the launch date is back-tested test (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> DM countries include: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the UK.

MAR 29, 2024 Index Factsheet

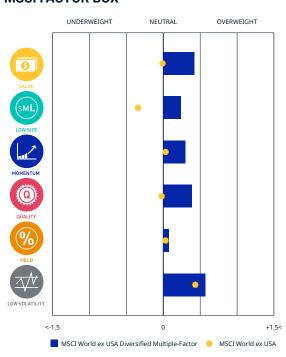
#### INDEX CHARACTERISTICS

|              | MSCI World ex<br>USA Diversified<br>Multiple-Factor | MSCI World ex USA |  |  |  |  |  |  |
|--------------|---|-------------------|--|--|--|--|--|--|
| Number of    | 261   | 855               |  |  |  |  |  |  |
| Constituents |   |                   |  |  |  |  |  |  |
|              | Weight (%)  |                   |  |  |  |  |  |  |
| Largest      | 4.16  | 2.20              |  |  |  |  |  |  |
| Smallest     | 0.01  | 0.01              |  |  |  |  |  |  |
| Average      | 0.38  | 0.12              |  |  |  |  |  |  |
| Median       | 0.18  | 0.05              |  |  |  |  |  |  |

#### **TOP 10 CONSTITUENTS**

|                          | Country | Index<br>Wt. (%) | Parent<br>Index<br>Wt. (%) | Sector      |
|--------------------------|---------|------------------|----------------------------|-------------|
| NOVO NORDISK B           | DK      | 4.16             | 2.20                       | Health Care |
| BBVA                     | ES      | 2.70             | 0.37                       | Financials  |
| HONDA MOTOR CO           | JP      | 2.36             | 0.31                       | Cons Discr  |
| CONSTELLATION SOFTWARE   | CA      | 2.19             | 0.29                       | Info Tech   |
| MANULIFE FINANCIAL CORP  | CA      | 2.18             | 0.24                       | Financials  |
| UNICREDIT                | IT      | 2.13             | 0.31                       | Financials  |
| WOLTERS KLUWER           | NL      | 2.05             | 0.21                       | Industrials |
| SAINT-GOBAIN             | FR      | 1.86             | 0.19                       | Industrials |
| 3I GROUP                 | GB      | 1.82             | 0.18                       | Financials  |
| MITSUBISHI ELECTRIC CORP | JP      | 1.69             | 0.17                       | Industrials |
| Total                    |         | 23.14            | 4.46                       |             |

# 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



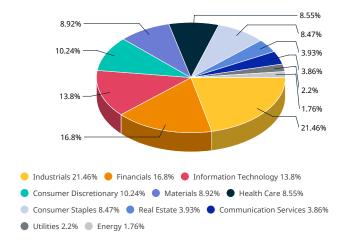
LOW VOLATILITY
Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

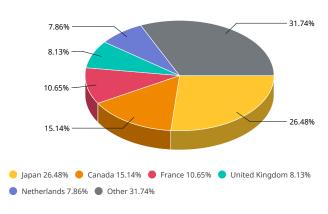
broad global index - MSCI ACWI IMI.

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

### **SECTOR WEIGHTS**



#### **COUNTRY WEIGHTS**





MAR 29, 2024 Index Factsheet

### MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method 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 <a href="https://www.msci.com">www.msci.com</a>.

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