MSCI ACWI Low Carbon Target Index (USD)

The MSCI ACWI Low Carbon Target Index is based on the MSCI ACWI Index, its parent index, and includes large and mid-cap stocks across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries*. The Index is a benchmark for investors who wish to manage potential risks associated with the transition to a low carbon economy. The index aims for a tracking error target of 0.5% (50 basis points) while minimizing the carbon exposure. By overweighting companies with low carbon emissions (relative to sales) and those with low potential carbon emissions (per dollar of market capitalization), the index reflects a lower carbon exposure than that of the broad market. It uses MSCI ESG CarbonMetrics data from MSCI ESG Research Inc.

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (NOV 2010 – JUL 2023)

INDEX PERFORMANCE — NET RETURNS (%) (JUL 31, 2023)

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2010 – JUL 31, 2023)

ANNUAL PERFORMANCE (%) (NOV 2010 – JUL 2023)

FUNDAMENTALS (JUL 31, 2023)

INDEX PERFORMANCE — NET RETURNS (%) (JUL 31, 2023)

ANNUALIZED

FUNDAMENTALS (JUL 31, 2023)

INDEX RISK AND RETURN CHARACTERISTICS (NOV 30, 2010 – JUL 31, 2023)

* 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, the UK and the US. EM countries include: Brazil, Chile, China, Colombia, Czech Republic, Egypt, Greece, Hungary, India, Indonesia, Korea, Kuwait, Malaysia, Mexico, Peru, Philippines, Poland, Qatar, Saudi Arabia, South Africa, Taiwan, Thailand, Turkey and United Arab Emirates.

The MSCI ACWI Low Carbon Target Index was launched on Sep 23, 2014. 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.
**INDEX CHARACTERISTICS**

<table>
<thead>
<tr>
<th></th>
<th>MSCI ACWI Low Carbon Target</th>
<th>MSCI ACWI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Constituents</td>
<td>1,429</td>
<td>2,934</td>
</tr>
<tr>
<td>Largest Weight (%)</td>
<td>4.83</td>
<td>4.73</td>
</tr>
<tr>
<td>Smallest Weight (%)</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Average Weight (%)</td>
<td>0.07</td>
<td>0.03</td>
</tr>
<tr>
<td>Median Weight (%)</td>
<td>0.03</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**TOP 10 CONSTITUENTS**

<table>
<thead>
<tr>
<th>Country</th>
<th>Index Wt. (%)</th>
<th>Parent Index Wt. (%)</th>
<th>Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLE</td>
<td>US 4.83</td>
<td>4.73</td>
<td>Info Tech</td>
</tr>
<tr>
<td>MICROSOFT CORP</td>
<td>US 3.65</td>
<td>3.61</td>
<td>Info Tech</td>
</tr>
<tr>
<td>AMAZON.COM</td>
<td>US 1.89</td>
<td>1.88</td>
<td>Cons Discr</td>
</tr>
<tr>
<td>NVIDIA</td>
<td>US 1.81</td>
<td>1.76</td>
<td>Info Tech</td>
</tr>
<tr>
<td>ALPHABET A</td>
<td>US 1.25</td>
<td>1.20</td>
<td>Comm Srvcs</td>
</tr>
<tr>
<td>TESLA</td>
<td>US 1.23</td>
<td>1.16</td>
<td>Cons Discr</td>
</tr>
<tr>
<td>META PLATFORMS A</td>
<td>US 1.11</td>
<td>1.07</td>
<td>Comm Srvcs</td>
</tr>
<tr>
<td>ALPHABET C</td>
<td>US 1.07</td>
<td>1.09</td>
<td>Comm Srvcs</td>
</tr>
<tr>
<td>TAIWAN SEMICONDUCTOR MFG</td>
<td>TW 0.72</td>
<td>0.67</td>
<td>Info Tech</td>
</tr>
<tr>
<td>UNITEDHEALTH GROUP</td>
<td>US 0.72</td>
<td>0.72</td>
<td>Health Care</td>
</tr>
</tbody>
</table>

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

**MSCI FACTOR BOX**

- **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**

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**

- Information Technology: 22.09%
- Financials: 17.46%
- Health Care: 11.73%
- Consumer Discretionary: 10.58%
- Industrials: 10.14%
- Communication Services: 8.53%
- Consumer Staples: 7%
- Materials: 3.89%
- Energy: 3.47%
- Real Estate: 2.9%
- Utilities: 2.21%

**COUNTRY WEIGHTS**

- United States: 61.44%
- Japan: 5.49%
- China: 3.65%
- Canada: 3.64%
- United Kingdom: 3.42%
- Other: 22.35%
INDEX FRAMEWORK

At each semi-annual index review, the MSCI Global Low Carbon Target Indexes are constructed using an optimization process that aims to achieve replicability and investability, subject to the following optimization objective and constraints:

- Minimize the Carbon Exposure subject to a tracking error constraint of 50 basis points relative to the Parent Index
- The maximum weight of an index constituent will be restricted to 20 times its weight in the Parent Index
- The country weights in the MSCI Global Low Carbon Target Index will not deviate more than +/-2% from the country weights in the Parent Index
- The sector weights in the MSCI Global Low Carbon Target Index will not deviate more than +/-2% from the sector weights in the Parent Index, with the exception of the Energy Sector where no constraint is applied

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see Index methodology - MSCI.

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 www.msci.com.

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