Dow Jones Islamic Market Indices

Methodology

March 2019
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Introduction

Index Objective

The Dow Jones Islamic Market Indices measure the performance of stocks in various markets, which are Shariah-compliant and meet other eligibility requirements depending on the specific index or market as described below.

Shariah Screening

The Dow Jones Islamic Market™ Index family includes broad-market, blue-chip, strategy and thematic indices that have passed rules-based screens for Shariah compliance. To determine their eligibility for the indices, stocks are screened to ensure that they meet the standards set out in Appendix I. Companies must meet Shariah requirements for acceptable products, business activities, debt levels, and interest income and expenses.

S&P Dow Jones Indices has contracted with Ratings Intelligence Partners (RI) to provide the Shariah screens and filter the stocks based on these screens. Ratings Intelligence Partners is a London/Kuwait-based consulting company specializing in solutions for the global Islamic investment market. Its team consists of qualified Islamic researchers who work directly with a Shariah Supervisory Board, which is a board of Islamic scholars serving to interpret business issues and recommend actions related to business decisions for the indices. The members are:

- Shaykh Nizam Yaquby (Bahrain)
- Shaykh Dr. Mohd Daud Bakar (Malaysia)
- Shaykh Dr. Mohamed A. Elgari (Saudi Arabia)
- Shaykh Yusuf Talal DeLorenzo (United States)

Highlights and Index Family

Broad-Market Indices

The Dow Jones Islamic Market™ Broad-Market Indices intend to measure the global universe of investable equities that pass screens for Shariah compliance. The family includes regional, country, industry, and market-cap-based indices, all of which are subsets of the Dow Jones Islamic Market™ World Index. The purpose of the Dow Jones Islamic Market™ World Index is to provide a definitive standard for measuring stock market performance for Islamic investors on a global basis, in accordance with S&P Dow Jones Indices established index methodology and the Islamic investment guidelines established by the Shariah Supervisory Board.
Country-level indices are available for each of the entities listed below.

- Australia
- Estonia
- Kuwait
- Philippines
- Sweden
- Austria
- Finland
- Latvia
- Poland
- Switzerland
- Bahrain
- France
- Lithuania
- Portugal
- Taiwan
- Belgium
- Germany
- Luxembourg
- Qatar
- Thailand
- Brazil
- Greece
- Malaysia
- Romania
- Tunisia²
- Bulgaria
- Hong Kong
- Mexico
- Russia¹
- Turkey
- Canada
- Hungary
- Morocco
- Saudi Arabia²
- UAE
- Chile
- India
- Netherlands
- Singapore
- U.K.
- China¹
- Indonesia
- New Zealand
- Slovenia
- U.S.
- Colombia
- Ireland
- Norway
- South Africa
- Czech Republic
- Italy
- Oman
- South Korea
- Denmark
- Japan
- Pakistan
- Spain
- Egypt
- Jordan
- Peru
- Sri Lanka

**Size-Segment Indices.** Large-cap, mid-cap and small-cap indices are available at the global level, and for each country and region. The size designation for each constituent is set according to what has been assigned for the corresponding country benchmark index.

**Sector Indices.** The family includes a comprehensive series of global sector indices, as well as sector indices for each country and region. The sectors are defined based on a proprietary classification system.

*For further information on the proprietary sector classification system, including the complete sector definitions, please refer to S&P Dow Jones Indices’ Web site at www.spdji.com.*

**Blue-Chip Indices**

**Dow Jones Islamic Market™ CHIME Index.** The index measures the stock performance of 100 leading companies selected from China, India, and the Middle East and North Africa (MENA) region that pass rules-based screens for Shariah compliance.

**Dow Jones Islamic Market™ China/Hong Kong Titans 30™ Index.** The index represents 30 of the largest companies whose primary operations are in mainland China and Hong Kong but whose stocks trade on the Stock Exchange of Hong Kong. The constituents of the index must pass rules-based screens for Shariah compliance.

**Dow Jones Islamic Market™ International Titans 100 Index.** The index measures the stock performance of 100 leading ex-U.S. companies that have passed rules-based screens for Shariah compliance.

**Dow Jones Islamic Market™ Malaysia Titans 25 Index.** The index measures 25 of the largest and most liquid stocks contained in the Dow Jones Islamic Market™ Malaysia Index.

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¹ Only developed-market listings are eligible.
² Saudi Arabia was initially a stand-alone market. In March 2019, it was promoted to emerging market status. Eligible stocks are included using a specified float-adjusted market capitalization percentage of 50% in March 2019 and 100% beginning in September 2019.
Dow Jones Islamic Market™ Titans 100 Index. The index tracks the largest 100 stocks traded globally that have passed rules-based screens for Shariah compliance. The index comprises three regional blue-chip sub-indices:

- Dow Jones Islamic Market U.S. Titans 50 Index
- Dow Jones Islamic Market Europe Titans 25 Index
- Dow Jones Islamic Market Asia/Pacific Titans 25 Index

Strategy and Thematic Indices

Dow Jones Islamic Market™ BRC Index. The index measures the stock performance of companies in the Brazil, Russia and offshore China markets that pass rules-based screens for Shariah compliance.

Dow Jones Islamic Market™ BRIC Equal Weighted Index. The index measures the stock performance of companies in the Brazil, Russia, India and offshore China markets that pass rules-based screens for Shariah compliance.

Dow Jones Islamic Market™ Global Real Estate Index. The stand-alone index measures the stock performance of companies that are classified under the Real Estate Supersector of the Dow Jones Proprietary Sector Classification System that pass rules-based screens for Shariah compliance.

Dow Jones Islamic Market™ Sustainability Index. The index represents companies that are compatible with Islamic investment guidelines and determined to be corporate sustainability leaders. To be included in the index, companies must be constituents of both the Dow Jones Islamic Market™ World Index and the Dow Jones Sustainability World Index.

Dow Jones Islamic Market™ U.S. Style Indices. The indices consist of the Dow Jones Islamic Market™ U.S. Growth Index and the Dow Jones Islamic Market™ U.S. Value Index. Each index represents companies that are compatible with Islamic investment guidelines and exhibit growth or value characteristics, respectively. To be included in the indices, companies must be constituents of both the Dow Jones Islamic Market™ World Index and either the Dow Jones U.S. Growth Index or the Dow Jones U.S. Value Index.

Dow Jones Islamic Market Global Select Dividend™ Index. The index measures the stock performance of leading dividend paying companies in developed countries worldwide that pass rules-based screens for Shariah compliance. For further information on this index, please refer to the Dow Jones Dividend Indices methodology document located on our Web site, www.spdji.com.

Supporting Documents

This methodology is meant to be read in conjunction with supporting documents providing greater detail with respect to the policies, procedures and calculations described herein. References throughout the methodology direct the reader to the relevant supporting document for further information on a specific topic. The list of the main supplemental documents for this methodology and the hyperlinks to those documents is as follows:

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<th>Supporting Document</th>
<th>URL</th>
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This methodology was created by S&P Dow Jones Indices to achieve the aforementioned objective of measuring the underlying interest of each index governed by this methodology document. Any changes to or deviations from this methodology are made in the sole judgment and discretion of S&P Dow Jones Indices so that the index continues to achieve its objective.
Eligibility Criteria and Index Construction

Country Inclusion Criteria

Securities issued by companies domiciled in countries classified as developed, emerging, or frontier markets are eligible for inclusion in the Dow Jones Islamic Market™ Indices.

*For more information, please refer to S&P Dow Jones Indices’ Country Classification Methodology and S&P Dow Jones Indices’ Equity Indices Policies & Practices document.*

Multiple Share Classes

All publicly listed multiple share class lines are eligible for index inclusion, subject to meeting the eligibility criteria. For more information regarding the treatment of multiple share classes, please refer to Approach A within the Multiple Share Classes section of S&P Dow Jones Indices’ Equity Indices Policies & Practices document.

In the event that a company has more than one share class line represented in the index, that company’s weight is capped subject to the weighting constraints of that particular index. The rebalanced weight is then distributed proportionally to each share class line’s float-adjusted market capitalization. If capping is not required, all share class lines are weighted according to their natural float-adjusted market capitalization.

Index Calculations

Each index is calculated by means of the divisor methodology used in all S&P Dow Jones Indices’ equity indices.

*For more information on the index calculation methodology, please refer to S&P Dow Jones Indices’ Index Mathematics Methodology.*
Broad-Market Indices

Dow Jones Islamic Market™ World Index and Related Sub-Indices

Index Universe. The index universe for the Dow Jones Islamic Market™ World Index includes the constituents of a multitude of country-level benchmark indices, each of which covers approximately 95% of the float-adjusted market capitalization of the underlying market. Countries are selected from the Dow Jones Global Index, with the following exceptions:

- Bahrain, Kuwait, Oman, Qatar, and UAE are selected from the Dow Jones GCC Index.
- Bulgaria, Estonia, Jordan, Latvia, Lithuania, Morocco, Romania, Slovenia, and Sri Lanka are selected from their respective S&P Global BMI country index.

Constituent Selection. Each index includes all securities in its respective index universe that pass the Shariah compliance screens described in Appendix I.

Weighting. The indices employ a float-adjusted market capitalization weighting scheme, except for the following indices which follow a modified market cap weighting scheme as detailed below.

- **Dow Jones Islamic Market™ GCC Index and Dow Jones Islamic Market™ GCC ex-Saudi Index.** Constituent weights are capped at 15% at the country level except for Bahrain.
  - For Bahrain, constituent weights are capped at 30%. When there are less than four constituents, all constituents are equally weighted.

- **Dow Jones Islamic Market™ GCC Capped Index.** Country weights are capped at 45%, industry weights are capped at 20%, and individual constituent weights are capped at 8%.

- **Dow Jones Islamic Market™ Greater China Index.** The total weight of all Taiwan companies in the index is capped at 30% and the weight of each individual constituent is capped at 10%.

- **Dow Jones Islamic Market™ MENA Index.** Country weightings are capped at 45%.

- **Dow Jones Islamic Market™ Kuwait Index.** Country weightings are capped at 10%.

Weights and any weighting cap factors are reviewed and adjusted quarterly. In certain cases, the capping rules may be relaxed if the caps cannot be met.

Dow Jones Islamic Market™ China A Index.

Index Universe. The index universe for the Dow Jones Islamic Market™ China A is derived from constituents of the Dow Jones China Broad Market Index.

Constituent Selection. The index includes all A-Shares securities in its respective index universe that pass the Shariah compliance screens described in Appendix I.
Blue-Chip Indices

Dow Jones Islamic Market™ CHIME Index

**Index Universe.** The index is derived from a universe that comprises the constituent stocks of the following indices:

- Dow Jones Islamic Market™ World Index: China H-Shares & Red Chips, as well as stocks traded in Hong Kong, India, GCC, Morocco, Egypt and Jordan.

To be eligible for the index, a stock must have an average daily trading value of at least US$ 500,000 over the past three months and pass the Shariah compliance screens described in Appendix I.

**Constituent Selection.** From the pool of eligible securities, stocks are sorted into the three regions (China, India, and MENA), and stock selection proceeds by region as follows:

1. Stocks are ranked by float-adjusted market capitalization.
2. Stocks are selected by their float-adjusted market-capitalization rankings starting with the largest securities to achieve target constituent counts of 25 for China, 25 for India and 50 for the MENA region.
   a. Current constituents ranked in the top 30 for China and India or top 60 for MENA will remain in the index.
   b. Non-constituents ranked within the top 20 for China and India or top 40 for MENA will replace the lowest-ranked current constituent in that particular region.
3. The selections from each region are aggregated to form the Dow Jones Islamic Market CHIME Index.

**Weighting.** The index employs a modified market capitalization weighting scheme. The weight of each individual constituent is capped at 10% of the index. Weights are reviewed quarterly.
Dow Jones Islamic Market™ China/Hong Kong Titans 30™ Index

Index Universe. The index universe is defined as all Hong Kong-listed stocks included in the Dow Jones Islamic Market™ Hong Kong Index and the Dow Jones Islamic Market™ China Offshore Index.

To be eligible for the index, a stock must have an average daily trading value of at least HKD 5 million over the past 12 months and pass the Shariah compliance screens described in Appendix I.

Constituent Selection. Stocks are selected to the index as follows:

1. Stocks in the selection universe are ranked first by float-adjusted market capitalization and then by 12-month average daily domestic currency trading value.
2. Stocks are sorted by final rank: an equally weighted combination of the market-cap rank and the trading value rank.
3. Stocks are selected top-down by final rank until the target constituent number (30) is reached.
4. Constituent lists are finalized at each composition review based on the buffer range of 25-35.
   - Any constituent stock ranked 35 or lower is replaced by the highest-ranked non-constituent.
   - Any non-constituent stock ranked 25 or higher replaces the lowest-ranked current index constituent.

Weighting. The index employs a modified market capitalization weighting scheme. The weight of each individual constituent is capped at 15% of the index. Weights are reviewed quarterly.
Dow Jones Islamic Market™ International Titans 100 Index

Index Universe. The index universe matches that of the entire Dow Jones Islamic Market family of indices, excluding U.S.-listed companies.

To be eligible for the index, a stock must pass the Shariah compliance screens described in Appendix I.

Constituent Selection. Stocks are selected to the index as follows:

1. Stocks are ranked by float-adjusted market capitalization.
2. The top 100 stocks, starting with the largest, are selected for the index.
3. The constituent list is finalized based on the following rules designed to limit turnover:
   • If a non-constituent is ranked among the top 80 stocks in the final ranking, then it replaces the lowest-ranked index constituent.
   • If a constituent is not ranked among the top 120 stocks in the final ranking, then it is replaced by the highest ranked non-constituent.

Weighting. The index employs a modified market capitalization weighting scheme. The weight of each individual constituent is capped at 10% of the index. Weights are reviewed quarterly.
Dow Jones Islamic Market™ Malaysia Titans 25 Index

Index Universe. The index universe is defined as all stocks in the Dow Jones Islamic Market™ Malaysia Index, which represents all companies domiciled in Malaysia whose stocks trade on the Bursa Malaysia.

Any security not considered to be Shariah-compliant by the Shariah Advisory Council (SAC) of the Securities Commission (SC) of Malaysia will also be excluded from the index universe.

Constituent Selection. Stocks are selected to the index as follows:

1. Stocks in the selection universe are ranked first by size (float-adjusted market capitalization) and then by liquidity (12 month average daily trading value).
2. Stocks are sorted by final rank: an equally weighted combination of rank by size and rank by liquidity.
3. Stocks are selected top-down by final rank until the target constituent count (25) is reached.
4. Constituent lists are finalized at each composition review based on the buffer range of 20-30.
   - Any constituent stock ranked 30 or lower is replaced by the highest-ranked non-constituent.
   - Any non-constituent stock ranked 20 or higher replaces the lowest-ranked current index constituent.

Weighting. The index employs a modified market capitalization weighting scheme. The weight of each individual constituent is capped at 20% of the index. Weights are reviewed quarterly.
**Dow Jones Islamic Market™ Titans 100 Index**

**Index Universe.** The index universe is defined as all constituent stocks of the Dow Jones Islamic Market™ World Index.

**Constituent Selection.** Stocks are selected to the index as follows:

1. For each regional sub-index, stocks are chosen as constituents from the selection universe based on the following steps:
   - Stocks in the selection universe are ranked by float-adjusted market capitalization.
   - Stocks are selected for the index top-down, starting with the largest company, until the target constituent count is reached.

2. Regional sub-index constituent lists are finalized at each composition review based on the following buffer ranges:

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<thead>
<tr>
<th>Index</th>
<th>Buffer Range</th>
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<tbody>
<tr>
<td>Dow Jones Islamic Market™ U.S. Titans 50 Index</td>
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</tr>
<tr>
<td>Dow Jones Islamic Market™ Europe Titans 25 Index</td>
<td>20-30</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Asia/Pacific Titans 25 Index</td>
<td>20-30</td>
</tr>
</tbody>
</table>

- For the Dow Jones Islamic Market™ Europe Titans 25 Index and Dow Jones Islamic Market™ Asia/Pacific Titans 25 Index, any constituent stock ranked 30 or lower is replaced by the highest-ranked non-constituent. For the Dow Jones Islamic Market™ U.S. Titans 50 Index, any constituent stock ranked 60 or lower is replaced by the highest-ranked non-constituent.
- For the Dow Jones Islamic Market™ Europe Titans 25 Index and Dow Jones Islamic Market™ Asia/Pacific Titans 25 Index, any non-constituent stock ranked 20 or higher replaces the lowest-ranked current index constituent. For the Dow Jones Islamic Market™ U.S. Titans 50 Index, any non-constituent stock ranked 40 or higher replaces the lowest-ranked current index constituent.

While each individual index is fixed at either 25 or 50 companies, it is possible for an index to contain more than the target number of stocks at any point in time. Such cases arise when an index contains more than one share class for a particular company. The index will use both share classes in its index calculation, in order to maintain the full market capitalization weight of the company in the index.

The Dow Jones Islamic Market™ Titans 100 Index is constructed by combining the constituents of the three regional sub-indices.

**Weighting.** The index employs a modified market capitalization weighting scheme. The weight of each individual constituent within each of the three regional sub-indices is capped at 10%. In the event that a company has more than one share class represented in the index, that company’s weight is capped at 10% based on total float-adjusted market capitalization. The rebalanced weight is then distributed proportionally to each share class’ float-adjusted market capitalization. If capping is not required, both share classes are weighted according to their natural float-adjusted market capitalization. Weights are reviewed quarterly.
Strategy and Thematic Indices

Dow Jones Islamic Market™ BRC Index, Dow Jones Islamic Market™ BRIC Equal Weighted Index, and Dow Jones Islamic Market™ BRIC Capped Index

Index Universe. The index universe is defined to include constituents of the Dow Jones Brazil Index; ADRs and GDRs for Russia (and India for the Dow Jones Islamic Market™ BRIC Equal Weighted Index and Dow Jones Islamic Market™ BRIC Capped Index); and offshore listed China companies including ADRs/ADSs and U.S.-listed only stocks. If a security is listed on two or more overseas exchanges (e.g. an H-share also trades as an ADR), only the security with the higher trading value is eligible.

Constituent Selection. The index includes all securities in the index universe that pass the Shariah compliance screens described in Appendix I.

Weighting. For each index the weighting is as follows:

- **Dow Jones Islamic Market™ BRC Index.** The three represented countries are equally weighted within the index. Within each country, index constituents are weighted based on float-adjusted market capitalization. Weights are reviewed quarterly.

- **Dow Jones Islamic Market™ BRIC Equal Weighted Index.** The four represented countries are equally weighted within the index. Securities are weighted by float-adjusted market capitalization, subject to a 10% cap on the weight of any individual security. Weights are reviewed quarterly.

- **Dow Jones Islamic Market™ BRIC Capped Index.** The four represented countries are equally weighted within the index. However, individual securities are capped at 8%. In addition, the aggregate weight of all stocks with a weight exceeding 4.5% cannot be greater than 40%. Weights are reviewed quarterly.
Dow Jones Islamic Market™ Global Real Estate Index

Index Universe. The index is made up of all companies in the Dow Jones Islamic Market™ World Indices’ Real Estate (8600) Supersector based on the Dow Jones Indices Sector Classification System:

For further information on the Dow Jones Indices Sector Classification System, including the complete sector definitions, please refer to the Dow Jones Indices Sector Classification System document.

Constituent Selection. The index includes all securities in the index universe that pass the Shariah compliance screens described in Appendix I.

The index is a stand-alone headline. Therefore, constituent changes to the Dow Jones Islamic Market World Index, resulting from corporate actions, may or may not result in changes to the Dow Jones Islamic Market Global Real Estate Index. If the post action entity is determined to be non-Real Estate, the committee may elect to drop the entity ahead of the action.

Weighting. The index employs a float-adjusted market capitalization weighting scheme.
Dow Jones Islamic Market™ Sustainability Index

Index Universe. The index universe consists of the constituents of two underlying indices:

- Dow Jones Islamic Market™ World Index
- Dow Jones Sustainability World Index

For information on the Dow Jones Sustainability World Index, please refer to the Dow Jones Sustainability Indices Methodology available at www spdji com.

Constituent Selection. The index includes those securities that are constituents of both underlying indices making up the index universe.

Weighting. The index employs a modified market capitalization weighting scheme. The weight of each individual constituent is capped at 10% of the index. Weights are reviewed quarterly.
Dow Jones Islamic Market™ U.S. Style Indices

The Dow Jones Islamic Market™ U.S. Style Indices consist of the Dow Jones Islamic Market™ U.S. Growth Index and the Dow Jones Islamic Market™ U.S. Value Index.

Index Universe. The index universe for each index consists of the constituents of two underlying indices:

- **Dow Jones Islamic Market™ U.S. Growth Index.** The index universe is comprised of the constituents of the Dow Jones Islamic Market™ World Index and the Dow Jones U.S. Growth Index.

- **Dow Jones Islamic Market™ U.S. Value Index.** The index universe is comprised of the constituents of the Dow Jones Islamic Market™ World Index and the Dow Jones U.S. Value Index.

For information on the Dow Jones U.S. Growth and Value Indices, please refer to the Dow Jones Global Indices Methodology available at [www.spdji.com](http://www.spdji.com).

Constituent Selection. Each index includes those securities that are constituents of both underlying indices making up the index universe.

Weighting. Each index employs a float-adjusted market capitalization weighting scheme.
Index Maintenance

Broad-Market Indices

Rebalancing. Index composition is reviewed quarterly, in March, June, September and December. As part of the rebalancing process, constituent shares, weights and any weighting factors are updated. In addition, the investable weight factor (IWF) for each stock is reviewed and updated as needed on an annual basis in September. Changes are announced on the second Friday of the review month and are implemented at the opening of trading on the Monday following the third Friday of the review month.

Ongoing Maintenance. The index is reviewed on an ongoing basis for unusual events such as delistings, bankruptcies, mergers and takeovers. Changes to index composition and related weight adjustments are made as soon as they are effective. These changes are typically announced two-to-five business days prior to the implementation date.

- Change of Primary Listing. When a company’s primary market listing changes, it remains in the index only if its new exchange is eligible for the index.

Additions. When a new issue qualifies for and is added to the country-level benchmark indices, it is added to the Dow Jones Islamic Market™ World Index at the quarterly rebalancing, provided it passes the sector-based and accounting-based screens described in Appendix I.

Spin-offs are added at a zero price at the market close of the day before the ex-date (with no divisor adjustment) and are removed after at least one day of regular way trading (with a divisor adjustment), regardless of Shariah compliance.

Deletions. Any constituent removed from the country-level benchmark indices is removed from the Dow Jones Islamic Market™ World Index at the quarterly rebalancing. In addition, current index constituents that no longer pass the sector-based or accounting-based screens described in the Appendix I are deleted from the index at the quarterly rebalancing.

Blue-Chip Indices

Rebalancing. Each index undergoes an annual reconstitution and quarterly rebalancing, using the respective rebalanced underlying (parent) index as the reference universe, as follows:

- Index composition is reviewed annually in September (December for the Dow Jones Islamic Market™ CHIME 100 Index). Changes are announced on the second Friday of the review month and are implemented at the opening of trading on the Monday following the third Friday of the review month.

  Market data from the third Friday of August (November for the Dow Jones Islamic Market™ CHIME 100 Index composition review) is used as the basis for the revision process. The review process is carried out in accordance with the rules described in the chapter Eligibility Criteria and Index Construction.

- Shares, weights and weighting cap factors are updated quarterly in March, June, September and December. Changes are announced on the second Friday of the review month and are implemented at the opening of trading on the Monday following the third Friday of the review month.

Ongoing Maintenance. The index is reviewed on an ongoing basis for unusual events such as delistings, bankruptcies, mergers and takeovers. Changes to index composition and related weight
Adjustments are made as soon as they are effective. These changes are typically announced two-to-five business days prior to the implementation date.

**Additions and Deletions.** Generally, no companies are added to an index between annual rebalancings, except for spin-offs and replacements for deleted constituents as described below.

Spin-offs are added at a zero price at the market close of the day before the ex-date (with no divisor adjustment) and are removed after at least one day of regular way trading (with a divisor adjustment), regardless of Shariah compliance.

Deletions from the underlying (parent) indices are deleted from each index.

As part of on-going index maintenance, companies that are removed from the index subsequent to an unusual corporate event, such as a delisting, bankruptcy, merger or takeover are replaced at the subsequent quarterly rebalancing.

**Strategy and Thematic Indices**

**Rebalancing.** Index composition is reviewed quarterly, in March, June, September and December, using the rebalanced underlying (parent) index as the reference universe. As part of the rebalancing process, constituent shares, weights and any weighting factors are updated. In addition, the investable weight factor (IWF) for each stock is reviewed and updated as needed on an annual basis in September. Changes are announced on the second Friday of the review month and are implemented at the opening of trading on the Monday following the third Friday of the review month.

**Ongoing Maintenance.** The index is reviewed on an ongoing basis for unusual events such as delistings, bankruptcies, mergers and takeovers. Changes to index composition and related weight adjustments are made as soon as they are effective. These changes are typically announced two-to-five business days prior to the implementation date.

**Additions and Deletions.** Generally, no companies are added to an index between quarterly rebalancings, with the exception of spin-offs. Deletions from the underlying (parent) indices are deleted from each index. Current index constituents that no longer pass the sector-based or accounting-based screens described in the Appendix I or that otherwise become ineligible for index membership are deleted from the index at the subsequent quarterly rebalancing.

Spin-offs are added at a zero price at the market close of the day before the ex-date (with no divisor adjustment) and are removed after at least one day of regular way trading (with a divisor adjustment), regardless of Shariah compliance.

**Corporate Actions**

*For information on corporate actions, please refer to S&P Dow Jones Indices’ Equity Indices Policies & Practices document.*

**Investable Weight Factor (IWF)**

*Please refer to the S&P Dow Jones Indices’ Float Adjustment Methodology for details.*

**Dividend Purification**

A dividend purification ratio is provided to index subscribers at the constituent level for purification purposes. It is calculated as:

\[ \text{Dividends} \times \left( \frac{\text{Non-Permissible Revenue}}{\text{Total Revenue}} \right) \]
Where Non-Permissible Revenue includes all forms of revenue or income that are considered non-permissible from a Shariah perspective including non-permissible business activities and interest income.

Other Adjustments

In cases where there is no achievable market price for a stock being deleted, it may be removed at a zero or minimal price at the Index Committee’s discretion, in recognition of the constraints faced by investors in trading bankrupt or suspended stocks.
Index Data

Calculation Return Types

S&P Dow Jones Indices calculates multiple return types which vary based on the treatment of regular cash dividends. The classification of regular cash dividends is determined by S&P Dow Jones Indices.

- Price Return (PR) versions are calculated without adjustments for regular cash dividends.
- Gross Total Return (TR) versions reinvest regular cash dividends at the close on the ex-date without consideration for withholding taxes.
- Net Total Return (NTR) versions, if available, reinvest regular cash dividends at the close on the ex-date after the deduction of applicable withholding taxes.

In the event there are no regular cash dividends on the ex-date, the daily performance of all three indices will be identical.

For a complete list of indices available, please refer to the daily index levels file (".SDL").

For more information on the classification of regular versus special cash dividends as well as the tax rates used in the calculation of net return, please refer to S&P Dow Jones Indices’ Equity Indices Policies & Practices document.

For more information on the calculation of return types, please refer to S&P Dow Jones Indices’ Index Mathematics Methodology.
Index Governance

Index Committee

The Dow Jones Islamic Market Indices are maintained by the S&P Dow Jones Indices’ Global Strategy Indices Index Committee. All committee members are full-time professional members of S&P Dow Jones Indices’ staff. The committee meets regularly. At each meeting, the Index Committee may review pending corporate actions that may affect index constituents, statistics comparing the composition of the indices to the market, companies that are being considered as candidates for addition to an index, and any significant market events. In addition, the Index Committee may revise index policy covering rules for selecting companies, treatment of dividends, share counts or other matters.

S&P Dow Jones Indices considers information about changes to its indices and related matters to be potentially market moving and material. Therefore, all Index Committee discussions are confidential.

S&P Dow Jones Indices’ Index Committees reserve the right to make exceptions when applying the methodology if the need arises. In any scenario where the treatment differs from the general rules stated in this document or supplemental documents, clients will receive sufficient notice, whenever possible.

In addition to the daily governance of indices and maintenance of index methodologies, at least once within any 12-month period, the Index Committee reviews the methodology to ensure the indices continue to achieve the stated objectives, and that the data and methodology remain effective. In certain instances, S&P Dow Jones Indices may publish a consultation inviting comments from external parties.

For information on Quality Assurance and Internal Reviews of Methodology, please refer to S&P Dow Jones Indices’ Equity Indices Policies & Practices document.

Shariah Expertise

S&P Dow Jones Indices has contracted with Ratings Intelligence Partners which is a London/Kuwait based Shariah consultancy. The company was established in 2000 to develop leading-edge solutions for the global Islamic investment market.

The Shariah Supervisory Board

The Shariah Supervisory Board was established to advise the company on the methodology for screening securities for inclusion in the Dow Jones Islamic Market™ Indices and matters relating to the Shariah compliance of the index constituents. S&P Dow Jones Indices provides quarterly updates on the index constituents to the Shariah Supervisory Board and reviews new Shariah proposals from the board.

All issues relating to business decisions, including index constituent changes, are within the province of the Index Committee. The Shariah Supervisory Board is encouraged to put forth recommendations for changes to the Index Committee which in turn makes the ultimate business decision.

The Shariah Supervisory Board consists of eminent Shariah scholars from around the world. The geographic diversity of the scholars helps to ensure that diverse interpretations of Shariah law are represented.
The members of the Shariah Supervisory Board are:

**Shaykh Nizam Yaquby (Bahrain).** Mr. Yaquby is a member of the Islamic supervisory boards for several Islamic institutions, including the Arab Islamic Bank and the Abu Dhabi Islamic Bank. His work has appeared in the following publications: Risalah Fi al–Tawbah, Qurrat al–‘Ainayn fi Fada il Birr al–Walidayn, Irshad al–‘Uqala’ila Hukum al–Qira’h min al–Mushaf fi al–Salah, Tahqia al–Amal fi Ikhraj Zakat al–Fitr bi al–Mal.

**Shaykh Dr. Mohd Daud Bakar (Malaysia).** Dr. Bakar is currently a member of the Shariah Advisory Council of many financial institutions in Malaysia and around the world, including the Central Bank of Malaysia, Securities Commission of Malaysia, International Islamic Financial Market in Bahrain, Accounting and Auditing Organization for Islamic Financial Institutions (AAOIFI) in Bahrain and HSBC (Malaysia).

**Shaykh Dr. Mohamed A. Elgari (Saudi Arabia).** Dr. Elgari is an associate professor of Islamic Economics and the director of the Center for Research in Islamic Economics at King Abdulaziz University in Saudi Arabia. He is an expert at the Islamic Jurisprudence Academy (OIC), Economics. He is also an advisor to several Islamic financial institutions worldwide and the author of many books on Islamic banking.

**Shaykh Yusuf Talal DeLorenzo (United States).** Mr. DeLorenzo is considered a leading Islamic scholar in the United States. He has translated over twenty books from Arabic, Persian, and Urdu for publication in English and has been commissioned to prepare a new translation of the Qur'an. Mr. DeLorenzo compiled the first English translation of legal rulings issued by Shariah supervisory boards on the operations of Islamic banks. Since 1989, Mr. DeLorenzo has served as secretary of the Fiqh Council of North America. He is also a Shariah consultant to several Islamic financial institutions and was an advisor on Islamic education to the government of Pakistan.
Index Policy

Announcements

All index constituents are evaluated daily for data needed to calculate index levels and returns. All events affecting the daily index calculation are typically announced in advance via the Index Corporate Events report (SDE), delivered daily to all clients. Any unusual treatment of a corporate action or short notice of an event may be communicated via email to clients.

Pro-forma Files

In addition to the corporate events file (.SDE), S&P Dow Jones Indices provides constituent pro-forma files each time the indices rebalance. The pro-forma file is typically provided daily in advance of the rebalancing date and contains all constituents and their corresponding weights and index shares effective for the upcoming rebalancing. Since index shares are assigned based on prices seven business days prior to the rebalancing, the actual weight of each stock at the rebalancing differs from these weights due to market movements.

Please visit www.spdji.com for a complete schedule of rebalancing timelines and pro-forma delivery times.

Holiday Schedule

The Dow Jones Islamic Market™ Indices are calculated daily, throughout the calendar year. The only days an index is not calculated are on days when all exchanges where an index’s constituents are listed are officially closed or if WM Reuters’ exchange rates services are not published.

A complete holiday schedule for the year is available on S&P Dow Jones Indices’ Web site at www.spdji.com.

Rebalancing

The Index Committee may change the date of a given rebalancing for reasons including market holidays occurring on or around the scheduled rebalancing date. Any such change will be announced with proper advance notice where possible.

Unexpected Exchange Closures

For information on Unexpected Exchange Closures, please refer to S&P Dow Jones Indices’ Equity Indices Policies & Practices document.

Recalculation Policy

For information on the recalculation policy, please refer to S&P Dow Jones Indices’ Equity Indices Policies & Practices document.

Real-Time Calculation

Real-time, intra-day, index calculations are executed for certain indices, whenever any of their primary exchanges are open. Real-time indices are not restated.

Contact Information

For questions regarding an index, please contact: index_services@spglobal.com.
Index Dissemination

Index levels are available through S&P Dow Jones Indices’ Web site at wwwspdji.com, major quote vendors (see codes below), numerous investment-oriented Web sites, and various print and electronic media.

Tickers

Please refer to Appendix IV for Bloomberg and Reuters tickers.

Index Data

Daily constituent and index level data are available via subscription.

For product information, please contact S&P Dow Jones Indices, wwwspdji.com/contact-us.

Web site

For further information, please refer to S&P Dow Jones Indices’ Web site at wwwspdji.com.
Appendix I – Shariah Compliance Screens

**Sector-Based Screens**

Based on the Shariah Supervisory Board established parameters, the businesses listed below are inconsistent with Shariah law. The majority of Shariah scholars and boards hold that these industries and their financial instruments are inconsistent with Shariah precepts and hence are not suitable for Islamic investment purposes. Although no universal consensus exists among contemporary Shariah scholars on the prohibition of tobacco companies and the defense industry, most Shariah boards have advised against investment in companies involved in these activities. Income from the following impure sources cannot exceed 5% of revenue.

- Alcohol
- Tobacco
- Pork-related products
- Conventional financial services (banking, insurance, etc.)
- Weapons and defense
- Entertainment (hotels, casinos/gambling, cinema, pornography, music, etc.)

Companies classified as Financial (8000) according to a unique proprietary classification system are considered eligible if the company is incorporated as an Islamic Financial Institution, such as:

- Islamic Banks
- Takaful Insurance Companies

Companies classified as Real Estate (8600) according to a unique proprietary classification system are considered eligible if the company’s operations and properties are conducting business according to Shariah principles.

**Accounting-Based Screens**

After removing companies with unacceptable primary business activities, the remaining stocks are evaluated according to several financial ratio filters. The filters are based on criteria set up by the Shariah Supervisory Board to remove companies with unacceptable levels of debt or impure interest income.

All of the following must be less than 33%:

- Total debt divided by trailing 24-month average market capitalization
- The sum of a company’s cash and interest-bearing securities divided by trailing 24-month average market capitalization
- Accounts receivables divided by trailing 24-month average market capitalization

Stocks deemed compliant at the prior evaluation period that exceed the maximum ratio for any accounting-based screen at the current evaluation period remain compliant if the ratio is within two percentage points of the maximum allowed. However, if the maximum is breached for three consecutive evaluation periods the stock will be deemed non-compliant. If any of the ratios are above the two percentage point buffer limit, the stock is deemed non-compliant immediately.
Stocks deemed non-compliant at the prior evaluation period that pass all accounting-based screens at the current evaluation period remain non-compliant if any ratio is within two percentage points of the maximum allowed. However, if the stock satisfies all three ratios for three consecutive evaluation periods the stock will be deemed compliant. If all three ratios are below the two percentage point buffer limit, the stock is deemed compliant immediately.

Companies passing the sector-based and accounting-based screens may be included as index constituents of the Dow Jones Islamic Market™ Indices. For further details on the index constituent selection process, please refer to the chapter Eligibility Criteria and Index Construction.
Appendix II – Currency, Currency Hedged, and Risk Control Indices

Index Currencies and Exchange Rates

<table>
<thead>
<tr>
<th>Index</th>
<th>Currencies</th>
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</thead>
<tbody>
<tr>
<td><strong>Broad-Market Global/Regional Indices:</strong></td>
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</tr>
<tr>
<td>Dow Jones Islamic Market™ Asia/Pacific Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Asia/Pacific ex-Japan Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ ASEAN Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Developed Markets Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Developed Markets ex-Japan Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Emerging Markets Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Europe Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ GCC Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ GCC ex-Saudi Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Greater China Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ MENA Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ World Index</td>
<td>USD</td>
</tr>
<tr>
<td><strong>Broad-Market Country Indices:</strong></td>
<td></td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Canada Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Japan Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Kuwait Index</td>
<td>KWD</td>
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<tr>
<td>Dow Jones Islamic Market™ Sri Lanka Index</td>
<td>LKR, USD</td>
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<tr>
<td>Dow Jones Islamic Market™ Turkey Index</td>
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<td>Dow Jones Islamic Market™ U.K. Index</td>
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<tr>
<td>Dow Jones Islamic Market™ U.S. Index</td>
<td>USD</td>
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<tr>
<td>Dow Jones Islamic Market™ China A Index</td>
<td>USD</td>
</tr>
<tr>
<td><strong>Blue-Chip Indices:</strong></td>
<td></td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ CHIME 100 Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ China/Hong Kong Titans 30 Index</td>
<td>HKD, USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ International Titans 100 Index</td>
<td>USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Malaysia Titans 25 Index</td>
<td>MYR, USD</td>
</tr>
<tr>
<td>Dow Jones Islamic Market™ Titans 100 Index</td>
<td>USD, GBP</td>
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<tr>
<td><strong>Strategy and Thematic Indices:</strong></td>
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<tr>
<td>Dow Jones Islamic Market™ BRC Index</td>
<td>USD</td>
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<tr>
<td>Dow Jones Islamic Market™ BRIC Equal Weighted Index</td>
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<tr>
<td>Dow Jones Islamic Market™ Global Real Estate Index</td>
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<tr>
<td>Dow Jones Islamic Market™ Sustainability Index</td>
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<tr>
<td>Dow Jones Islamic Market™ U.S. Value Index</td>
<td>USD</td>
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</tbody>
</table>

Real-time spot Forex rates, as supplied by Reuters, are used for ongoing index calculation of real-time indices.

WM/Reuters foreign exchange rates are taken daily at 4:00 PM London Time and used in the end-of-day calculation of the indices. These mid-market fixings are calculated by The WM Company based on Reuters data and appear on Reuters pages WMRA.
Additional currency, currency hedged, decrement, fair value, and risk control versions of the indices may be available. Please note that this list of versions may not be complete, and that other index variations may exist. For a list of available indices, please refer to S&P DJI's All Indices by Methodology Report.

For more information on these types of indices, please refer to S&P Dow Jones Indices’ Index Mathematics Methodology.
Appendix III – Base Dates and History Availability

Index history availability, base dates and base values are shown in the table below.

<table>
<thead>
<tr>
<th>Index</th>
<th>Launch Date</th>
<th>First Value Date</th>
<th>Base Date</th>
<th>Base Value</th>
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<tr>
<td><strong>Broad-Market Global/Regional Indices:</strong></td>
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<td><strong>Blue-Chip Indices:</strong></td>
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Appendix IV - Tickers

The table below lists headline indices covered by this document. All versions of the below indices that may exist are also covered by this document. Please refer to *S&P DJI's All Indices by Methodology Report* for a complete list of indices covered by this document.

**Bloomberg**

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<td>DJIAP</td>
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<td></td>
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<td>Price Return</td>
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<tr>
<td></td>
<td>Total Return</td>
<td>DJIP2T</td>
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<td>DJIDEVT</td>
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³ LCL is Hong Kong dollars.
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4 LCL is Hong Kong dollars.
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Appendix V – Methodology Changes

Methodology changes since January 1, 2015 are as follows:

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<th>Effective Date (After Close)</th>
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<td>Inclusion of Saudi Arabia in the Dow Jones Islamic Market™ World Index</td>
<td>03/17/2019</td>
<td>The country is not covered by the Dow Jones Islamic Market™ World Index.</td>
<td>Saudi Arabia was initially a stand-alone market. In March 2019, it was promoted to emerging market status. Eligible stocks are included using a specified float-adjusted market capitalization percentage of 50% in March 2019 and 100% beginning in September 2019.</td>
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<tr>
<td>Capping Rules for the Dow Jones Islamic Market™ GCC Capped Index</td>
<td>06/15/2018</td>
<td>Country weights are capped at 45% and industry weights are capped at 20%.</td>
<td>Country weights are capped at 45%, industry weights are capped at 20%, and individual constituent weights are capped at 8%.</td>
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<td>Rebalancing Reference Date for the Dow Jones Islamic Market™ Titans indices</td>
<td>09/15/2017</td>
<td>The rebalancing reference date is the last business day of the month prior to rebalancing.</td>
<td>The rebalancing reference date is the third Friday of the month prior to rebalancing.</td>
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<td>Change to the Starting Universe for Constituent Selection for Sri Lanka</td>
<td>09/15/2017</td>
<td>The starting universe for Sri Lanka was taken from the Dow Jones Sri Lanka Total Stock Market Index.</td>
<td>The starting universe for Sri Lanka is taken from the S&amp;P Sri Lanka BMI.</td>
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<tr>
<td>Changes to the Starting Universe for Constituent Selection</td>
<td>03/17/2017</td>
<td>Universes for Bulgaria, China, Colombia, Egypt, Estonia, India, Jordan, Latvia, Lithuania, Morocco, Peru, Romania, Russia, Slovenia, and Turkey were taken from the Dow Jones Total Stock Market Index.</td>
<td>All countries whose universes were taken from the Dow Jones Total Stock Market Index are changed to the Dow Jones Global Index, where applicable. In the event that the country in question is not part of the Dow Jones Global Index, the corresponding S&amp;P Global BMI country index is used.</td>
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<tr>
<td>Changes to the Replacement Policy for the following indices:</td>
<td>06/19/2015</td>
<td>If a constituent was removed from the index, stocks were added to the index immediately as replacements.</td>
<td>If a constituent is removed from the index, companies are no longer added to the index immediately as replacements. Instead, companies are only added to the index at the next quarterly rebalancing.</td>
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<tr>
<td>• Dow Jones Islamic Market™ China/Hong Kong Titans 30 Index</td>
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<td>• Dow Jones Islamic Market™ Malaysia Titans 25 Index</td>
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<td>• Dow Jones Islamic Market™ Titans 100 Index</td>
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<tr>
<td>Dow Jones Islamic Market™ Real Estate Index Methodology Change</td>
<td>10/02/2015</td>
<td>The index was setup as a pure Dow Jones Industry Classification System driven flow-through sub-index.</td>
<td>The index is a stand-alone headline index, but follows the same Dow Jones Industry Classification System code for constituent index eligibility.</td>
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