

**S&P Global Revenue  
Exposure Indices  
*Methodology***

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# Introduction

## Index Objective and Highlights

The S&P Global Revenue Exposure Indices measure the performance of companies with higher than average revenue exposure to certain target regions or countries. Index constituents are weighted by the product of float-adjusted market capitalization and revenue exposure percentage, subject to a single stock cap of 10%.

The S&P Focused Revenue Exposure Indices measure the performance of stocks ranked in the top quartile of revenue exposure to the targeted region or country. Index constituents are weighted by revenue exposure percentage, subject to a single stock cap of 10%.

Each index series employs the FactSet Geographic Revenue Exposure (GeoRev™) database to obtain the geographical revenue breakdown of companies in each applicable index universe.

## Index Family

The S&P Global Revenue Exposure Indices currently consist of the following:

- S&P 500 U.S. Revenue Exposure Index
- S&P 500 Focused U.S. Revenue Exposure Index
- S&P 500 Foreign Revenue Exposure Index
- S&P 500 Focused Foreign Revenue Exposure Index
- S&P 500 Emerging Markets Revenue Exposure Index
- S&P 500 Focused Emerging Markets Revenue Exposure Index
- S&P/TSX 60 U.S. Revenue Exposure Index
- S&P/TSX 60 Canada Revenue Exposure Index
- S&P/TSX Composite Canada Revenue Exposure Index
- S&P/TSX Composite Focused Canada Revenue Exposure Index
- S&P/TOPIX 150 Japan Revenue Exposure Index
- S&P/TOPIX 150 U.S. Revenue Exposure Index
- S&P Europe 350 Foreign Revenue Exposure Index<sup>1</sup>
- S&P U.K. Domestic Revenue Exposure Index
- S&P U.K. Focused Domestic Revenue Exposure Index
- S&P U.K. Foreign Revenue Exposure Index
- S&P U.K. Focused Foreign Revenue Exposure Index

*For information on the S&P/TSX 60 U.S. Revenue Exposure Index, S&P/TSX 60 Canada Revenue Exposure Index, S&P/TSX Composite Canada Revenue Exposure Index, S&P/TSX Composite Focused Canada Revenue Exposure Index, S&P/TOPIX 150 Japan Revenue Exposure Index, and S&P/TOPIX 150 U.S. Revenue Exposure Index, please refer to their respective methodologies available at [www.spdji.com](http://www.spdji.com).*

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<sup>1</sup> For the S&P Europe 350 Foreign Revenue Exposure Index, revenues defined as foreign are those derived from outside the European continent.

**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:

Supporting Document	URL
S&P Dow Jones Indices' Equity Indices Policies & Practices Methodology	<a href="#">Equity Indices Policies &amp; Practices</a>
S&P Dow Jones Indices' Index Mathematics Methodology	<a href="#">Index Mathematics Methodology</a>

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

## Index Universe

Each index is constructed from the constituents of an underlying universe index as detailed below.

Index	Universe
S&P 500 U.S. Revenue Exposure Index	S&P 500
S&P 500 Focused U.S. Revenue Exposure Index	
S&P 500 Foreign Revenue Exposure Index	
S&P 500 Focused Foreign Revenue Exposure Index	
S&P 500 Emerging Markets Revenue Exposure Index	
S&P 500 Focused Emerging Markets Revenue Exposure Index	
S&P/TSX 60 U.S. Revenue Exposure Index	S&P/TSX 60
S&P/TSX 60 Canada Revenue Exposure Index	
S&P/TSX Composite Canada Revenue Exposure Index	S&P/TSX Composite
S&P/TSX Composite Focused Canada Revenue Exposure Index	
S&P/TOPIX 150 Japan Revenue Exposure Index	S&P/TOPIX 150
S&P/TOPIX 150 U.S. Revenue Exposure Index	
S&P Europe 350 Foreign Revenue Exposure Index	S&P Europe 350
S&P U.K. Domestic Revenue Exposure Index	S&P United Kingdom LargeMidCap
S&P U.K. Focused Domestic Revenue Exposure Index	
S&P U.K. Foreign Revenue Exposure Index	
S&P U.K. Focused Foreign Revenue Exposure Index	

For information on the underlying universe indices, please refer to their respective methodology documents available at [www.spdji.com](http://www.spdji.com).

## Eligibility Factors

In order to be eligible for index consideration, the following must be met:

**Underlying Universe Index Membership.** The security must, on the rebalancing reference date be an existing member of the relevant underlying universe index.

**Revenue Region.** The company must be included in the FactSet GeoRev database. Revenue from unspecified sources is not eligible. If 100% of a company's revenue is from unspecified sources, then that company is not eligible for index inclusion.

Please refer to [www.factset.com/data/company\\_data/geo\\_revenue](http://www.factset.com/data/company_data/geo_revenue) for information on FactSet GeoRev.

**Multiple Share Classes and Dual Listed Companies.** Each company is represented once by the Designated Listing. For more information regarding the treatment of multiple share classes, please refer to Approach B within the Multiple Share Classes section of S&P Dow Jones Indices' Equity Indices Policies & Practices document.

Securities satisfying these criteria form the selection universe.

# Index Construction

## Constituent Selection

The constituent selection process for each index is as follows:

- The average exposure percentage of the selection universe to the targeted region or country is calculated as of the rebalancing reference date. In calculating the average exposure percentage, revenue from unspecified sources is excluded.
- The table below specifies the selection criteria for the eligible stocks in each index:

Index	Targeted Region/Country	Selection
S&P 500 U.S. Revenue Exposure Index	United States	All stocks $\geq$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P 500 Focused U.S. Revenue Exposure Index		Top 125 stocks to Targeted Region/Country <sup>2</sup>
S&P 500 Foreign Revenue Exposure Index	Global Ex-United States	All stocks $>$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P 500 Focused Foreign Revenue Exposure Index		Top 125 stocks to Targeted Region/Country <sup>2</sup>
S&P 500 Emerging Markets Revenue Exposure Index	Emerging Markets	All stocks $\geq$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P 500 Focused Emerging Markets Revenue Exposure Index		Top 125 stocks to Targeted Region/Country <sup>2</sup>
S&P/TSX 60 U.S. Revenue Exposure Index	United States	All stocks $\geq$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P/TSX 60 Canada Revenue Exposure Index	Canada	
S&P/TSX Composite Canada Revenue Exposure Index		
S&P/TSX Composite Focused Canada Revenue Exposure Index		
S&P/TOPIX 150 Japan Revenue Exposure Index	Japan	All stocks $\geq$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P/TOPIX 150 U.S. Revenue Exposure Index	United States	
S&P Europe 350 Foreign Revenue Exposure Index	Global Ex-Europe	
S&P U.K. Domestic Revenue Exposure Index	United Kingdom	
S&P U.K. Focused Domestic Revenue Exposure Index		
S&P U.K. Foreign Revenue Exposure Index	Global Ex-United Kingdom	All stocks $>$ Selection Universe Average Targeted Region/Country Exposure Percentage
S&P U.K. Focused Foreign Revenue Exposure Index		Top 25% to Targeted Region/Country <sup>3</sup>

<sup>2</sup> If more than 125 stocks of the selection universe has 100% revenue exposure to the targeted region, all companies with 100% revenue exposure are included in the index.

<sup>3</sup> If more than 25% of stocks of the selection universe has 100% revenue exposure to the targeted region, all companies with 100% revenue exposure are included in the index.

## **Weights Computation**

The revenue exposure indices listed below employ a non-market capitalization weighted scheme.

- S&P 500 U.S. Revenue Exposure Index
- S&P 500 Foreign Revenue Exposure Index
- S&P 500 Emerging Markets Revenue Exposure Index
- S&P/TSX 60 U.S. Revenue Exposure Index
- S&P/TSX 60 Canada Revenue Exposure Index
- S&P/TSX Composite Canada Revenue Exposure Index
- S&P/TOPIX 150 Japan Revenue Exposure Index
- S&P/TOPIX 150 U.S. Revenue Exposure Index
- S&P Europe 350 Foreign Revenue Exposure Index
- S&P U.K. Domestic Revenue Exposure Index
- S&P U.K. Foreign Revenue Exposure Index

At each rebalancing, all the securities selected for inclusion in the indices are weighted by the product of their company's float-adjusted market capitalization in the selection universe and their revenue exposure percentage to the targeted region or country, subject to a maximum security weight of 10%. For companies with multiple listings in the underlying universe index, the aggregate float-adjusted market capitalization of the company's listings is used for calculation of the final weight.

*Please refer to S&P Dow Jones Indices' Index Mathematics Methodology for further details on the non-market capitalization weighted methodology.*

The focused revenue exposure indices listed below employ a revenue exposure weighting scheme.

- S&P 500 Focused U.S. Revenue Exposure Index
- S&P 500 Focused Foreign Revenue Exposure Index
- S&P 500 Focused Emerging Markets Revenue Exposure Index
- S&P/TSX Composite Focused Canada Revenue Exposure Index
- S&P U.K. Focused Domestic Revenue Exposure Index
- S&P U.K. Focused Foreign Revenue Exposure Index

At each rebalancing, all the securities selected for inclusion in the indices are weighted by their revenue exposure percentage to the targeted region or country, subject to a maximum security weight of 10%.

## **Index Calculations**

The indices are calculated by means of the divisor methodology used in all S&P Dow Jones Indices' equity indices.

*Please refer to S&P Dow Jones Indices' Index Mathematics Methodology for further details on the index calculation methodology.*



# Index Maintenance

## Rebalancing

The indices are rebalanced semi-annually after the close on the third Friday of May and November. As part of the rebalancing process, constituent stock weights are updated. The rebalancing reference dates are the last business day of April and October, respectively. Weights calculated as a result of the reference date data are implemented in the indices using closing prices as of the Wednesday prior to the second Friday of May and November.

## Additions and Deletions

**Additions.** With the exception of qualifying spin-offs, no additions are made to the indices between semi-annual rebalancings.

**Deletions.** Constituents removed from an underlying universe index are also removed from the respective S&P Global Revenue Exposure Index simultaneously.

## Corporate Actions

**Spin-Offs.** Spin-offs are added to all indices of which the parent is a constituent at a zero price at the market close the day before the ex-date (with no divisor adjustment). If the spun-off company is to remain in the parent universe index, it will subsequently remain in the corresponding Revenue Index. If the spun-off company is removed from the parent universe index after at least one day of regular way trading (with a divisor adjustment), the corresponding Revenue Index will follow the same treatment.

*For further information, please refer to the Treatment of Spin-offs in S&P Dow Jones Indices' Equity Indices Policies & Practices document.*

*Other corporate actions follow the S&P Dow Jones Indices' treatment for modified market capitalization weighted indices. For further information, please refer to S&P Dow Jones Indices' Equity Indices Policies & Practices document.*

## Currency, Currency Hedged, Decrement, Fair Value, and Risk Control Indices

The indices are calculated in the following currencies:

Index	Currencies
S&P 500 U.S. Revenue Exposure Index	USD, EUR, JPY
S&P 500 Focused U.S. Revenue Exposure Index	
S&P 500 Foreign Revenue Exposure Index	
S&P 500 Focused Foreign Revenue Exposure Index	
S&P 500 Emerging Markets Revenue Exposure Index	
S&P 500 Focused Emerging Markets Revenue Exposure Index	
S&P/TSX 60 U.S. Revenue Exposure Index	USD, CAD
S&P/TSX 60 Canada Revenue Exposure Index	
S&P/TSX Composite Canada Revenue Exposure Index	
S&P/TSX Composite Focused Canada Revenue Exposure Index	
S&P/TOPIX 150 Japan Revenue Exposure Index	USD, JPY
S&P/TOPIX 150 U.S. Revenue Exposure Index	
S&P Europe 350 Foreign Revenue Exposure Index	USD, EUR

Index	Currencies
S&P U.K. Domestic Revenue Exposure Index	USD, EUR, GBP
S&P U.K. Focused Domestic Revenue Exposure Index	
S&P U.K. Foreign Revenue Exposure Index	
S&P U.K. Focused Foreign Revenue Exposure Index	

WM/Reuters foreign exchange rates are taken daily at 04:00 PM London time and used in the 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.*

### Other Adjustments

In cases where there is no achievable market price for a stock being deleted, it can 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.

### Base Dates and History Availability

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

Index	Launch Date	First Value Date	Base Date	Base Value
S&P 500 U.S. Revenue Exposure Index	01/09/2017	11/21/2008	11/21/2008	100
S&P 500 Focused U.S. Revenue Exposure Index	08/31/2017	11/21/2008	11/21/2008	100
S&P 500 Foreign Revenue Exposure Index	08/31/2017	11/21/2008	11/21/2008	100
S&P 500 Focused Foreign Revenue Exposure Index	08/31/2017	11/21/2008	11/21/2008	100
S&P 500 Emerging Markets Revenue Exposure Index	08/31/2017	11/21/2008	11/21/2008	100
S&P 500 Focused Emerging Markets Revenue Exposure Index	08/31/2017	11/21/2008	11/21/2008	100
S&P/TSX 60 U.S. Revenue Exposure Index	01/09/2017	11/21/2008	11/21/2008	100
S&P/TSX 60 Canada Revenue Exposure Index	10/02/2017	11/21/2008	11/21/2008	100
S&P/TSX Composite Canada Revenue Exposure Index	10/02/2017	5/21/2010	5/21/2010	100
S&P/TSX Composite Focused Canada Revenue Exposure Index	10/02/2017	5/21/2010	5/21/2010	100
S&P/TOPIX 150 Japan Revenue Exposure Index	01/11/2017	11/21/2008	11/21/2008	100
S&P/TOPIX 150 U.S. Revenue Exposure Index	01/11/2017	11/21/2008	11/21/2008	100
S&P Europe 350 Foreign Revenue Exposure Index	01/09/2017	11/21/2008	11/21/2008	100
S&P U.K. Domestic Revenue Exposure Index	08/31/2017	5/21/2010	5/21/2010	100
S&P U.K. Focused Domestic Revenue Exposure Index	08/31/2017	5/21/2010	5/21/2010	100
S&P U.K. Foreign Revenue Exposure Index	08/31/2017	5/21/2010	5/21/2010	100
S&P U.K. Focused Foreign Revenue Exposure Index	08/31/2017	5/21/2010	5/21/2010	100

# 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 Methodology.*

*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 indices are maintained by an Index Committee whose members are all full-time professional members of S&P Dow Jones Indices' staff. Each Index Committee meets regularly. At each meeting, the Index Committee reviews 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 Methodology.*

# 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.

*For more information, please refer to the Announcements section of S&P Dow Jones Indices' Equity Indices Policies & Practices document.*

## Pro-forma Files

In addition to the corporate events file (.SDE), S&P Dow Jones Indices provides constituent pro-forma files each time the index rebalances. 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 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](http://www.spdji.com) for a complete schedule of rebalancing timelines and pro-forma delivery times.*

## Holiday Schedule

The indices are calculated on all business days of the year when at least one of the underlying exchanges of the respective index is open.

*A complete holiday schedule for the year is available at [www.spdji.com](http://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.

*For information on Calculations and Pricing Disruptions, Expert Judgment and Data Hierarchy, please refer to S&P Dow Jones Indices' Equity Indices Policies & Practices document.*

## Contact Information

For questions regarding an index, please contact: [index\\_services@spglobal.com](mailto:index_services@spglobal.com).

# Index Dissemination

Index levels are available through S&P Dow Jones Indices' Web site at [www.spdji.com](http://www.spdji.com), major quote vendors (see codes below), numerous investment-oriented Web sites, and various print and electronic media.

## 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.

Index (Currency)	Return Type	Bloomberg
S&P 500 U.S. Revenue Exposure Index (USD)	Total Return	SPXREUT
S&P 500 Focused U.S. Revenue Exposure Index		SPXRFUT
S&P 500 Foreign Revenue Exposure Index		SPXFRTUT
S&P 500 Focused Foreign Revenue Exposure Index		SPXFFUT
S&P 500 Emerging Markets Revenue Exposure Index		SPXERTUT
S&P 500 Focused Emerging Markets Revenue Exposure Index		SPXEFRUT
S&P/TOPIX 150 Japan Revenue Exposure Index (JPY)	Net Total Return	SPTOJRJN
S&P/TOPIX 150 U.S. Revenue Exposure Index (JPY)		SPTOURJN
S&P Europe 350 Foreign Revenue Exposure Index (EUR)		SPEFREEN
S&P U.K. Domestic Revenue Exposure Index	Price Return	SPUKREGP
S&P U.K. Focused Domestic Revenue Exposure Index		SPUKFRGP
S&P U.K. Foreign Revenue Exposure Index		SPUKFEGP
S&P U.K. Focused Foreign Revenue Exposure Index		SPUKFFGP

## Index Data

Daily constituent and index level data are available via subscription.

For product information, please contact S&P Dow Jones Indices, [www.spdji.com/contact-us](http://www.spdji.com/contact-us).

## Web site

For further information, please refer to S&P Dow Jones Indices' Web site at [www.spdji.com](http://www.spdji.com).

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