

S&P BSE Dividend Stability Index *Methodology*

**S&P Dow Jones
Indices**

A Division of **S&P Global**



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Introduction

Partnership

On February 19, 2013, S&P Dow Jones Indices and the BSE Ltd. (formerly Bombay Stock Exchange ["BSE"]) announced their strategic partnership to calculate, disseminate, and license the widely followed BSE suite of indices.

Index Objective and Highlights

The S&P BSE Dividend Stability Index is designed to measure the performance of companies in the S&P BSE LargeCap that have paid stable and sustainable dividends over the past nine fiscal years. Constituents are weighted by Indicated Annual Dividend Yield, and the index composition is reviewed annually in September.

Index Family

The S&P BSE Dividend Stability Index is part of the strategy family of S&P BSE Indices.

For more information on other S&P BSE Indices, please refer to www.spdji.com or www.asiaindex.co.in.

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	Equity Indices Policies & Practices
S&P Dow Jones Indices' Index Mathematics Methodology	Index Mathematics Methodology
S&P Dow Jones Indices' Float Adjustment Methodology	Float Adjustment Methodology

This methodology was created by Asia Index Private Limited 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 Asia Index Private Limited so that the index continues to achieve its objective.

Eligibility Criteria

Index Eligibility

The index universe is drawn from the constituents of the S&P BSE LargeCap, a size sub-index of the S&P BSE AllCap. Only common stocks are eligible.

Stocks must have a listing history of at least seven years on the BSE as at the rebalancing reference date.

For details and index management rules of the S&P BSE AllCap and S&P BSE LargeCap, please refer to the S&P BSE AllCap Methodology available at www.spdji.com and www.asiaindex.co.in.

Index Construction

Approaches

The index employs a modified market capitalization-weighting scheme, using the divisor methodology used in S&P Dow Jones Indices' equity dividend indices.

Asia Index Private Limited believes turnover in index membership should be avoided when possible. At times, a company may appear to temporarily violate one or more of the addition criteria. However, the addition criteria are for addition to an index, not for continued membership. As a result, an index constituent that appears to violate criteria for addition to the index may not be deleted unless ongoing conditions warrant an index change.

Company Data Points

As part of the constituent selection process, the following are calculated for each eligible company:

1. Annual Dividends per share (DPS)/Annual Earnings per share (EPS)
2. Annual Dividends per share (DPS)/Par value per share (PVPS)

Data point 1 is calculated based on an observation period defined as the company's prior nine fiscal years, as of the rebalancing reference date.

Data point 2 is calculated based on an observation period defined as the company's prior two fiscal years, as of the rebalancing reference date.

Constituent Selection

At each annual rebalancing, eligible companies must meet the following criteria:

1. The most recent DPS/EPS must be at least 4% and less than 100%.
2. The DPS/EPS for at least seven of the past nine years must be at least 4%.
3. The DPS/PVPS for the past two years must be at least 10%.

Companies that do not satisfy the above criteria are excluded from index consideration. Those companies meeting the criteria detailed above are selected and form the index.

Constituent Weightings

Every company in the index is weighted by indicated annual dividend yield.

For more information on weighting schemes, please see S&P Dow Jones Indices' Index Mathematics Methodology document.

Index Maintenance

Rebalancing

The index is rebalanced annually, effective at the open of the Monday following the third Friday of September. The rebalancing reference date is after the market close on the third Friday of August. The reference date for the prices used in the weighting process is after the close on the Wednesday prior to the second Friday of the rebalancing.

Share Updates. Changes in a company's total shares outstanding of less than 5% are accumulated and made quarterly, effective at the open of the Monday following the third Friday of March, June, September and December. Changes in shares outstanding of 5% or more are made as soon as reasonably possible after the data has been verified.

For more information, please refer to S&P Dow Jones Indices' Equity Indices Policies & Practices document.

Float Adjustment. Investable Weight Factors (IWFs), which define the available float for a company, are reviewed on an annual basis and are implemented at the open of the Monday following the third Friday of September. Changes to a company's IWF of five percentage points or more (for example from 0.80 to 0.85) are made as soon as reasonably possible after the data has been verified.

Foreign investment limits are not applied while calculating the IWF for S&P BSE index constituents.

For a detailed description of float adjustment and Investable Weight Factors, please refer to S&P Dow Jones Indices' Float Adjustment Methodology.

Ongoing Maintenance

The index is also reviewed on an ongoing basis to account for corporate events such as mergers, takeovers, delistings, group changes, suspensions, spin-offs/demergers or bankruptcies. Changes to index composition and related weight adjustments are made as soon as they are effective. These changes are typically announced one to five business days prior to implementation date.

Additions

No companies are added to the index between annual rebalancings.

Deletions

If a company is removed from the S&P BSE LargeCap, it is also deleted from the S&P BSE Dividend Stability Index simultaneously.

In addition, a company can be deleted from the index between annual rebalancings due to corporate events such as mergers, takeovers, delistings, group changes, suspensions, surveillance objections, graded surveillance measure objections, spin-offs/demergers, or bankruptcies. In addition, index constituents removed from an index's underlying universe are also deleted from the index on the same effective date.

- Whenever possible, changes in the index's components are announced at least one to five business days prior to the implementation date.
- Whenever practicable, Asia Index Private Limited Indices uses the closing price for all deletions.

Graded Surveillance Measure (GSM)

On a monthly basis, companies added to the GSM list are dropped from the indices. The effective date of the drop is at the open of the Tuesday following the first Monday of each month. The reference date for the GSM list data is the third Friday of the previous month.

Any company dropped due to inclusion on the GSM list must remain off the list for six consecutive months prior to the rebalancing reference date to be reconsidered for index inclusion.

Corporate Actions

Corporate Action	Adjustment to Index	Divisor Adjustment?
Spin Off	In general, the parent company is dropped from the index. However, if information regarding price adjustment is available, the parent company may remain in the index with an adjusted price, at the discretion of the Index Committee.	Yes
Rights Offering	The price is adjusted to the Price of the Parent Company minus the Price of the Rights Offering/ Rights Ratio. Index shares change so that the company's weight remains the same as its weight before the rights offering.	No
Stock Dividend (Bonus), Stock split, Reverse Stock Split	Index shares are multiplied by and price is divided by the split factor.	No
Change in Shares (new issue, repurchase, warrant conversion etc.)	None.	No
Special Dividend	Price of stock making special dividend is reduced by the per share special dividend amount after the close of trading on the day before the dividend ex-date.	Yes
Constituent Change	No intraday rebalancing.	No
	Deletions due to delisting, acquisition or any other corporate event resulting in the deletion of the stock from the index will cause the weights of the rest of the stocks in the index to change.	Yes
	Stocks that are reclassified into Z group between rebalancings are removed from the index as soon as practicable.	Yes
	Rebalancing changes including additions, deletions and weight changes	Yes

For more information, please refer to S&P Dow Jones Indices' Equity Indices Policies & Practices document.

Currency, Currency Hedged, and Risk Control Indices

The index is calculated in Indian rupees and U.S. dollars.

Spot foreign exchange rates provided by Thomson Reuters are taken daily at 3:00 PM India time and are used in the end-of-day calculation for the U.S. dollar version of the index.¹

Additional currency, currency hedged, and risk control versions of the indices may be available. For a list of available currency, currency hedged, and risk control indices, please contact Client Services at index_services@spglobal.com.

For more information on currency, currency hedged, and risk control indices, please refer to S&P Dow Jones Indices' Index Mathematics Methodology.

¹ WM/Reuters foreign exchange rates were used in calculating index history prior to April 23, 2009.

Base Date and History Availability

Index history availability, base date and base value are shown in the table below.

Index	Launch Date	First Value Date	Base Date	Base Value
S&P BSE Dividend Stability Index	27-Jul-15	16-Sep-05	16-Sep-05	100

Index Data

Calculation Return Types – Equity Indices

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 S&P BSE Index Committee oversees the index. The Index Committee is composed of full time employees of S&P Dow Jones Indices and the BSE. The Index Committee meets quarterly. At each meeting, the Index Committee reviews pending corporate actions that may affect index constituents, statistics comparing the composition of the index to the market, companies that are being considered as candidates for addition to the 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.

Asia Index Private Limited 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.

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 via ftp 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), Asia Index Private Limited provides constituent pro-forma files each time the index rebalances. The pro-forma file is typically provided daily days 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 for a complete schedule of rebalancing timelines and pro-forma delivery times.

Holiday Schedule

The index is calculated on all business days when the BSE is open.

A complete holiday schedule for the year is available on the BSE Ltd. Web site at www.bseindia.com.

Special Trading Sessions. The index will be calculated on special trading sessions as declared by the Bombay Stock Exchange. Some examples include, but are not limited to, special trading sessions on Saturday and Mahurat trading. Asia Index Private Limited will issue a notice to inform market participants regarding such special trading sessions.

If the special trading session falls on the Saturday following the third Friday of any rebalancing month, the new portfolio will be effective at the discretion of the Index Committee. Asia Index Private Limited will issue a notice to inform market participants detailing when the new portfolio will become effective.

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 S&P BSE Indices on the BSE real-time platform, "EPIC". Real-time indices are not restated.

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.

End-of-Day Calculation

End of day index calculations are executed on an S&P proprietary platform.

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 www.spdji.com, Asia Index Private Limited's Web site at www.asiaindex.co.in, 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 currency, currency hedged, risk control, and return type versions of the below indices that may exist are also covered by this document. Please contact index_services@spglobal.com for a complete list of indices covered by this document.

Index (Currency)	Bloomberg	Reuters
S&P BSE Dividend Stability Index	SPBDSIP	.SPBSEDSI
S&P BSE Dividend Stability Index TR	SPBDSIT	--
S&P BSE Dividend Stability Index (USD)	SPBDSUP	--
S&P BSE Dividend Stability Index TR (USD)	SPBDSUT	--

FTP

Daily constituent and index level data are available via FTP subscription.

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

Web site

For further information, please refer to S&P Dow Jones Indices' Web site at www.spdji.com.

Appendix – Methodology Changes

Methodology changes since January 1, 2015 are as follows:

Change	Effective Date (After Close)	Methodology	
		Previous	Updated
Index Maintenance	24-Sep-18	--	<p>On a monthly basis, companies added to the GSM list are dropped. The effective date of the drop is at the open of the Tuesday following the first Monday of each month. The reference date for the GSM list data is the third Friday of the previous month.</p> <p>Any company dropped due to inclusion on the GSM list must remain off the list for six consecutive months prior to the rebalancing reference date to be reconsidered for index inclusion.</p>
Constituent Selection	15-Sep-2017	<p>At each annual rebalancing, eligible companies must meet the following criteria:</p> <ul style="list-style-type: none"> • The most recent DPS/EPS must be at least 4% and less than 100% • The DPS/EPS for at least seven of the past nine years must be at least 4% • The DPS/PVPS for at least seven of the past nine years must be at least 4% 	<p>At each annual rebalancing, eligible companies must meet the following criteria:</p> <ul style="list-style-type: none"> • The most recent DPS/EPS must be at least 4% and less than 100% • The DPS/EPS for at least seven of the past nine years must be at least 4% • The DPS/PVPS for the past two years must be at least 10%
Weighing Scheme	16-Sep-2016	Float-adjusted market capitalization weighing scheme. Index constituents are weighted by float-adjusted market capitalization.	Modified market capitalization weighing scheme. Index constituents are weighted by indicated annual dividend yield.
Corporate Action: Rights Offering	16-Sep-2016	Rights price is adjusted and index shares are increased as per the Rights Ratio, with a divisor adjustment.	The price is adjusted to the Price of the Parent Company minus the Price of the Rights Offering/ Rights Ratio. Index shares change so that the company's weight remains the same as its weight before the rights offering. There is no divisor adjustment.
Corporate Action: Change in Shares (new issue, repurchase, warrant conversion etc.)	16-Sep-2016	Index shares and weights are changed as per the corporate action, with a divisor adjustment.	No impact on the index and no divisor adjustment.
Rebalancing Reference Date	18-Mar-2016	Last trading day of August.	Third Friday of August.

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