

# **S&P BSE** **Thematic Indices** *Methodology*

**S&P Dow Jones**  
**Indices**

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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 Objectives and Highlights

The S&P BSE Thematic Indices consist of the following:

**S&P BSE India Manufacturing Index.** The index is designed to measure the performance of Indian Manufacturing and Production companies within the S&P BSE LargeMidCap. Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 10% and a common India Industry Classification Structure macro-economic indicator weight cap of 30%.

**S&P BSE India Infrastructure Index.** The index is designed to measure the performance of Indian infrastructure companies within the S&P BSE AllCap. Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 10% and individual infrastructure cluster weight cap of 30%.

**S&P BSE Diversified Financials Revenue Growth Index (INR).** The index is designed to measure the performance of private<sup>1</sup> companies from the S&P BSE 500 classified as Financial Services under the common India Industry Classification Structure.<sup>2</sup> Constituents must also satisfy the sales growth inclusion criterion defined in *Appendix III*. Eligible stocks that have listed in the last two years as a result of IPOs and Demergers are exempt from the sales growth screen. Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 5%.

**S&P BSE Private Banks Index.** The index is designed to measure the performance of private Indian banks within the S&P BSE Financial Services. Constituents are weighted by float-adjusted market capitalization, subject to capping constraints as defined in *Index Construction*.

**S&P BSE Financials Ex-Banks 30 Index.** The index measures the performance of 30 companies from the S&P BSE 250 LargeMidCap Index classified as part of the Global Industry Classification Standard (GICS) Financials Sector (Code: 40), excluding companies classified as part of the Diversified Banks (Code: 40101010), Regional Banks (Code: 40101015), and Mortgage REITs (Code: 40204010) Sub-Industries. Constituents are weighted by float-adjusted market capitalization, subject to a single constituent weight cap of 15%.

**S&P BSE Housing Index.** The index measures the performance of common stocks within the S&P BSE 250 LargeMidCap Index classified as part of the eligible common India Industry Classification basic industry defined in *Appendix I*. Constituents are weighted by float-adjusted market capitalization, subject to a single constituent weight cap of 5%.

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<sup>1</sup> ‘Private’ refers to non-state-owned companies.

<sup>2</sup> The structure and definitions of the common India Industry Classification Structure can be found [here](#).

## Index Family

The S&P BSE Thematic Indices are part of the thematic family of S&P BSE Indices.

For more information on other S&P BSE Indices, please refer to [www.spglobal.com/spdji](http://www.spglobal.com/spdji) or [www.asiaindex.co.in](http://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	<a href="#">Equity Indices Policies &amp; Practices</a>
S&P Dow Jones Indices' Index Mathematics Methodology	<a href="#">Index Mathematics Methodology</a>
S&P Dow Jones Indices' Float Adjustment Methodology	<a href="#">Float Adjustment Methodology</a>
S&P Dow Jones Indices' Global Industry Classification Standard (GICS) Methodology	<a href="#">GICS 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

## Underlying Universe

The table below defines the underlying universe for each index:

Index	Underlying Universe Index
S&P BSE India Manufacturing Index	S&P BSE LargeMidCap Index
S&P BSE India Infrastructure Index	S&P BSE AllCap Index
S&P BSE Diversified Financials Revenue Growth Index (INR)	S&P BSE 500
S&P BSE Private Banks Index	S&P BSE Financial Services
S&P BSE Financials Ex-Banks 30 Index	S&P BSE 250 LargeMidCap Index
S&P BSE Housing Index	S&P BSE 250 LargeMidCap Index

For information on the underlying indices, please refer to the S&P BSE AllCap Methodology and S&P BSE Indices Methodology, both available at [www.spglobal.com/spdji](http://www.spglobal.com/spdji) and [www.asiaindex.co.in](http://www.asiaindex.co.in).

## Index Eligibility

**S&P BSE India Manufacturing Index.** The index universe is drawn from the constituents of the S&P BSE LargeMidCap, a size sub-index of the S&P BSE AllCap. Only common stocks with a listing history of at least six-months and a common India Industry Classification Structure basic industry as specified in *Appendix I* as of the rebalancing reference date are eligible.

**S&P BSE India Infrastructure Index.** The index universe is drawn from the constituents of the S&P BSE AllCap. Only common stocks with a listing history of at least six-months and a common India Industry Classification Structure basic industry as specified in *Appendix I* as of the rebalancing reference date are eligible.

**S&P BSE Diversified Financials Revenue Growth Index (INR).** The index universe is drawn from the constituents of the S&P BSE 500. Only common stocks dual-listed<sup>3</sup> on national exchanges with a common India Industry Classification Structure macro-economic indicator of Financial Services, and not classified under the BSE Scrip category as a Public Sector Undertaking (PSU), are eligible.

**S&P BSE Private Banks Index.** The index universe is drawn from the constituents of the S&P BSE Financial Services. Only common stocks with a common India Industry Classification Structure industry of Banks, and not classified under the BSE Scrip category as a Public Sector Undertaking (PSU), are eligible.

**S&P BSE Financials Ex-Banks 30 Index.** The index universe is drawn from the constituents of the S&P BSE 250 LargeMidCap Index. As of each rebalancing reference date, only common stocks classified as part of the GICS Financials Sector (Code: 40), excluding companies classified as part of the Diversified Banks (Code: 40101010), Regional Banks (Code: 40101015), and Mortgage REITs (Code: 40204010) Sub-Industries, are eligible.

For more information on GICS, please refer to S&P Dow Jones Indices' Global Industry Classification Standard (GICS) Methodology.

<sup>3</sup> Dual-listing criteria shall be relaxed only in the case of any exchange and exchange subsidiaries listed on the BSE.

**S&P BSE Housing Index.** The index universe is drawn from the constituents of the S&P BSE 250 LargeMidcap Index. As of each rebalancing reference date only common stocks and a common India Industry Classification Structure basic industry specified in *Appendix I*, are eligible.

### Data Sources

1. **Market Capitalization.** Market capitalization is calculated using the BSE Ltd. prices.
2. **Value Traded.** Traded value is calculated using composite volumes of Indian exchanges.
3. **Impact Cost.** Impact cost is sourced from the BSE Ltd.<sup>4</sup>
4. **Trading Frequency.** This data is assessed based on trading information on BSE Ltd.

### Calculation of Data Points

Stocks that have undergone a scheme of arrangement for corporate events such as spin-offs, capital restructurings, etc. are eligible for index inclusion if, as of the rebalancing reference date, the company has completed at least one month of trading after the scheme's effective date and all other eligibility and selection criteria are met. For such stocks, data from the scheme's effective date up to the reference date is considered for average free float market capitalization and annualized traded value, wherever applicable.

Annualized traded value is calculated by taking the median of the monthly medians of the daily traded values over the observation period. The annualization is calculated using 250 trading days in a year. The observation period is defined as the prior six-month period, as of the rebalancing reference date.

The turnover ratio is calculated by dividing the annualized traded value by the average six-month daily float-adjusted market capitalization.

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.

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<sup>4</sup> See <https://www.bseindia.com/markets/equity/EQReports/varmargin.aspx?flag=0>.

# Index Construction

## S&P BSE India Manufacturing Index

### Constituent Selection.

1. At each semi-annual rebalancing, eligible stocks must satisfy all of the following in order to be considered for index inclusion.
  - a. Have no more than five non-trading days in the past six months, as of the rebalancing reference date.
  - b. Have an annualized traded value greater than or equal to INR 30 billion and a turnover ratio greater than or equal to 30% (INR 20 billion and a turnover ratio of at least 20% for current constituents).
2. Stocks satisfying criteria in step 1 above are then ranked based on average six-month daily float-adjusted market capitalization. The top 25 stocks (whether a current constituent or not) are selected for index inclusion. Existing constituents ranked 26-35 are selected in order of highest rank until the target constituent count of 30 is reached. If after this step the target constituent count is not achieved, then non-constituents are selected in order of highest rank until the target constituent count is reached.

**Constituent Weighting.** Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 10% and a common India Industry Classification Structure macro-economic indicator weight cap of 30% applied at each semi-annual rebalancing. The index employs a non-market capitalization weighted scheme with respect to Corporate Actions.

Index constituents that are classified as part of the Diversified sector are treated as if they are part of the Industrials sector for index purposes.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

*For more information on the treatment of corporate actions using a non-market capitalization scheme, please see S&P Dow Jones Indices' Equity Indices Policies & Practices Methodology.*



## S&P BSE India Infrastructure Index

**Constituent Selection.** Constituent selection is as follows:

1. At each semi-annual rebalancing, eligible stocks must satisfy all of the following in order to be considered for index inclusion.
  - a. Have an average six-month daily float-adjusted market capitalization greater than or equal to INR 1 billion. Current index constituents with an average six-month float-adjusted market capitalization of at least INR 800 million remain eligible for index inclusion provided they meet the other eligibility criteria.
  - b. Have an annualized traded value greater than or equal to INR 200 million and a turnover ratio greater than or equal to 10% (INR 160 million and a turnover ratio of at least 8% for current constituents).
  - c. Have no more than five non-trading days in the past six months, as of the rebalancing reference date.
2. Stocks satisfying the criteria in step 1 are then ranked within their infrastructure cluster by average six-month daily float-adjusted market capitalization. Stocks with a rank greater than 10 are excluded. However, in cases where the eligible stock count is less than 30, the rank cut off is relaxed and stocks with a rank greater than 15 are excluded.
3. From the remaining stocks after step 2, the top 20 stocks (whether a current constituent or not) are selected for index inclusion. Existing constituents ranked 21-40 are selected in order of highest rank until the target constituent count of 30 is reached. If after this step the target constituent count is not achieved, then non-constituents are selected in order of highest rank until the target constituent count is reached.

**Constituent Weighting.** Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 10% and individual infrastructure cluster weight cap of 30% applied at each semi-annual rebalancing. The index employs a non-market capitalization weighted scheme with respect to Corporate Actions.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

*For more information on the treatment of corporate actions using a non-market capitalization scheme, please see S&P Dow Jones Indices' Equity Indices Policies & Practices Methodology.*

## **S&P BSE Diversified Financials Revenue Growth Index (INR)**

**Constituent Selection.** At each semi-annual rebalancing, eligible stocks are subject to the following selection criterion:

**Sales-per-Share Growth.** Stocks from the eligible universe, excluding IPO and demerger stocks during the past two years, are ranked based on average Sales-per-Share Growth numbers. From this universe, the top three quartiles (i.e., 75%) are selected for index inclusion, subject to a 10% buffer, applied as follows:

The top 67.5% of stocks by Sales-per-Share Growth rank, (including both current and non-current constituents), are selected for index inclusion. Existing constituents between 67.5% – 82.5% are selected in order of highest rank until 75% is reached. If at this point fewer than 75% are selected non-constituents are added in order of highest rank until the target 75% is reached.

**IPOs and Demergers.** All eligible IPO stocks are included in the index. Eligible demerged stocks are added back into the index if they were previously an index constituent in either of the last two consecutive rebalancings as of the rebalancing reference date.

**Constituent Weighting.** Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 5%, applied at each quarter effective as of market open on the Monday following the third Friday of March, June, September, and December, respectively<sup>5</sup>.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

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<sup>5</sup> The maximum stock weight cap is incrementally relaxed by 1% if the number of available stocks falls below 20.

## **S&P BSE Private Banks Index**

**Constituent Selection.** Constituent selection is as follows:

1. At each semi-annual rebalancing, eligible stocks must satisfy all of the following to be considered for index inclusion.
  - a. Have an annualized traded value greater than or equal to INR 500 million and a turnover ratio greater than or equal to 10% (INR 400 million and a turnover ratio of at least 8% for current constituents).
  - b. Have no more than five non-trading days in the past six months, as of the rebalancing reference date.
2. Stocks satisfying the criteria in step 1 are then ranked by average six-month daily float-adjusted market capitalization. The top 10 stocks (whether a current constituent or not) are selected for index inclusion. Existing constituents ranked 11-14 are selected in order of highest rank until the target constituent count of 12 is reached. If after this step the target constituent count is not achieved, then non-constituents are selected in order of highest rank until the target constituent count is reached.

**Constituent Weighting.** Constituents are weighted by float-adjusted market capitalization at each quarter effective as of market open on the Monday following the third Friday of March, June, September and December, respectively. Weights are subject to the following constraints:

1. Single constituent weights are capped at 33%.
2. The aggregate weight of the top three index constituents shall not be more than 63% of the index.
3. If the above constraints are breached, any excess weight is proportionately redistributed to all uncapped stocks. As part of the redistribution, the ranking of stocks based on final weights will remain in line with their rankings based on float-adjusted market capitalization.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

## **S&P BSE Financials Ex-Banks 30 Index**

**Constituent Selection.** At each rebalancing, using average six-month daily float-adjusted market capitalization as of the rebalancing reference date, the index ranks the eligible stocks and selects the 30<sup>6</sup> largest, subject to a selection buffer. The process for selecting constituents is as follows:

- The highest ranked 24 stocks are automatically selected
- Existing constituents ranked from 25 to 36 are selected until the target constituent count of 30 is reached.
- If the target constituent count is still not met, the highest-ranked non-constituent is selected until the target constituent count is met.
- If fewer than 30 stocks are eligible, all eligible stocks are selected and form the index.

**Constituent Weighting.** At each rebalancing, constituents are weighted by float-adjusted market capitalization, subject to a single constituent weight cap of 15%. Any excess weight is proportionally redistributed to uncapped constituents.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

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<sup>6</sup> For history prior to 2018 fewer than 30 stocks were eligible, so the index contained fewer than the targeted 30 constituents.

## **S&P BSE Housing Index**

**Constituent Selection.** At each rebalancing, all eligible stocks are selected.

**Constituent Weighting.** At each rebalancing and reweighting, constituents are float-adjusted market capitalization weighted, subject to a single constituent weight cap of 5%. Any excess weight is proportionally redistributed to uncapped constituents.

*For more information on weighting schemes, please refer to the Capped Market Capitalization Indices section of S&P Dow Jones Indices' Index Mathematics Methodology.*

# Index Maintenance

## Rebalancing

**S&P BSE India Manufacturing Index, S&P BSE India Infrastructure Index, and S&P BSE Private Banks Index.** The indices rebalance semi-annually, effective as of market open on the Monday following the third Friday of March and September, respectively. The rebalancing reference date is after the close of market on the third Friday of February and August, respectively. The reference universe for the index is composed of the underlying index as of market open on the upcoming rebalancing effective date. Constituent weights are calculated using closing prices on the Wednesday prior to the second Friday of the rebalancing month as the reference price. Index shares are calculated and assigned to each stock to arrive at the weights determined on the reference date.

**S&P BSE Diversified Financials Revenue Growth Index (INR) and S&P BSE Financials Ex-Banks 30 Index.** The indices rebalance semi-annually, effective as of market open of the Monday following the third Friday of June and December, respectively. The rebalancing reference date is after the close of market on the last trading day of April and October, respectively. The reference universe for the index is composed of the underlying index as of market open on the upcoming rebalancing effective date.

- **S&P BSE Diversified Financials Revenue Growth Index (INR).** The reference date for sales-per-share data is after the close of market on the last trading day of January and July for the June and December rebalancings, respectively. The reference universe for the index is composed of the underlying index as of market open on the upcoming rebalancing effective date. Constituent weights are calculated using closing prices on the Wednesday prior to the second Friday of the rebalancing month as the reference price.

**S&P BSE Housing Index.** The index rebalances semi-annually, effective as of market open on the Monday following the third Friday of June and December, respectively. The rebalancing reference date is after the close of market on the third Friday of May and November, respectively. The reference universe for the index is the composition of the underlying index as of the market open on the upcoming rebalancing effective date.

Additionally, the index is re-weighted and capped semi-annually, effective as of market open on the Monday following the third Friday of March and September, respectively. Constituent weights are calculated using the day's closing prices on the Wednesday prior to the second Friday of the rebalancing month as the reference price. Index shares are calculated and assigned to each stock to arrive at the weights determined on the reference date.

**Share Updates.** Changes in a company's total shares outstanding of less than 5% are accumulated and made quarterly, effective as of market open on the Monday following the third Friday of March, June, September and December, respectively. 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 Methodology.*

**Float Adjustment.** Investable Weight Factors (IWFs), which define the available float for a company, are reviewed on an annual basis and are implemented at market open on 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 during the IWF calculation of 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 indices are 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 the implementation date.

## **Additions**

Except for the indices listed below, no stocks are added to any thematic index between semi-annual rebalancings.

**S&P BSE India Manufacturing Index, S&P BSE Financials Ex-Banks 30 Index, and S&P BSE India Infrastructure Index.** The number of stocks in each index may fall below the targeted constituent count of 30 due to any deletions made between the semi-annual rebalancings.

**S&P BSE Private Banks Index.** The number of stocks in the index may fall below the targeted constituent count of 12 due to any deletions made between the semi-annual rebalancings.

## **Deletions**

For the following indices, if the classification of a company, based on the common India Industry Classification Structure, changes between semi-annual rebalancings such that the company becomes ineligible, the company is deleted from the index at the quarterly share update:

- S&P BSE India Manufacturing Index
- S&P BSE India Infrastructure Index
- S&P BSE Diversified Financials Revenue Growth Index (INR)
- S&P BSE Private Banks Index
- S&P BSE Housing Index

For the S&P BSE Financials Ex-Banks 30 Index, constituents changing their GICS classification to a non-eligible GICS (according to its respective methodology), are removed at the subsequent rebalancing.

Such changes take effect at market open on the Monday following the third Friday of March, June, September, and December, respectively. The reference date for data used in the analysis is after the close of market on the third Friday of February, May, August, and November, respectively.

A stock can be deleted from any thematic index between semi-annual rebalancings due to events such as mergers, takeovers, delistings, group changes, suspensions, surveillance objection, graded surveillance measure objection, 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 begins at market open on 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.

## Regulatory Review

In addition to the index construction and constituent weighting rules employed by each index, S&P BSE Diversified Financials Revenue Growth Index (INR), S&P BSE Private Banks Index, S&P BSE Financials Ex-Banks 30 Index<sup>7</sup>, and S&P/BSE Housing Index<sup>8</sup> are checked for consistency with the four Securities and Exchange Board of India (“SEBI”) norms on a quarterly basis.<sup>9</sup> If the norms are found not to have been adhered to during the period under review, the index committee, at its discretion and on a case-by-case basis, will take appropriate measures to ensure compliance with the SEBI norms. Any changes resulting from the regulatory review will take effect at market open on the Monday following the third Friday of March, June, September, and December, respectively.

## Currency of Calculation and Additional Index Return Series

The indices are calculated in Indian rupees and U.S. dollars.

Spot foreign exchange rates provided by Refinitiv are taken daily at 3:00 PM India Time and are used in the end-of-day calculation for indices calculated in U.S. dollars.<sup>10</sup>

In addition to the indices detailed in this methodology, additional return series versions of the indices may be available, including, but not limited to the following: currency, currency hedged, decrement, fair value, inverse, leveraged, and risk control versions. For a list of available indices, please refer to the [S&P DJI Methodology & Regulatory Status Database](#).

*For information on the calculation of different types of indices, please refer to S&P Dow Jones Indices’ Index Mathematics Methodology.*

*For the inputs necessary to calculate certain types of indices, including decrement, dynamic hedged, fair value, and risk control indices, please refer to the Parameters documents available at [www.spglobal.com/spdji](http://www.spglobal.com/spdji).*

## Corporate Actions

### S&P BSE India Manufacturing Index and S&P BSE India Infrastructure Index

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

<sup>7</sup> The SEBI norms reviews for the index started with the rebalancing effective on 06/18/2021.

<sup>8</sup> The SEBI norms reviews for the index started with the rebalancing effective on 06/17/2022.

<sup>9</sup> For details on the four SEBI norms, please refer to SEBI circular no: SEBI/HO/IMD/DF3/CIR/P/2019/011, available at [www.sebi.gov.in/legal/circulars/jan-2019/portfolio-concentration-norms-for-equity-exchange-traded-funds-etfs-and-index-funds\\_41588.html](http://www.sebi.gov.in/legal/circulars/jan-2019/portfolio-concentration-norms-for-equity-exchange-traded-funds-etfs-and-index-funds_41588.html).

<sup>10</sup> WM/Refinitiv foreign exchange rates were used in calculating index history prior to April 23, 2009.

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Corporate Action	Adjustment to Index	Divisor Adjustment?
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 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
	Constituents changing their BSE Industry Sub-Group classification to an ineligible BSE Industry Sub-Group classification are removed quarterly.	Yes

For more information on Corporate Actions, please refer to the Non-Market Capitalization Indices Section of S&P Dow Jones Indices' Equity Indices Policies & Practices Methodology.

### S&P BSE Diversified Financials Revenue Growth Index (INR), S&P BSE Private Banks Index, and S&P BSE Financials Ex-Banks 30 Index, and S&P/BSE Housing Index

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 rights price is adjusted, and index shares will be increased as per the Rights Ratio.	Yes
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.)	Index shares and weights will change as per the corporate action.	Yes
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 causes 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
	<b>S&amp;P BSE Diversified Financials Revenue Growth Index (INR) and S&amp;P BSE Private Banks Index.</b> Constituents changing their BSE classification to an ineligible BSE classification are removed quarterly.	Yes
	<b>S&amp;P BSE Financials Ex-Banks 30 Index.</b> Constituents changing their GICS classification to a non-eligible GICS, are removed at the subsequent rebalancing.	
	<b>S&amp;P BSE Housing 30 Index.</b> Constituents changing their common India Industry Classification basic industry to a non-eligible basic industry, are removed at the subsequent re-weighing or rebalancing/reconstitution date.	

For more information on Corporate Actions, please refer to the Market Capitalization Indices Section within S&P Dow Jones Indices' Equity Indices Policies & Practices Methodology.

## Base Date 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 BSE India Manufacturing Index	25-May-15	16-Sep-05	16-Sep-05	100
S&P BSE India Infrastructure Index	19-May-14	03-Apr-06	03-Apr-06	100
S&P BSE Diversified Financials Revenue Growth Index (INR)	02-Apr-18	16-Dec-05	16-Dec-05	100
S&P BSE Private Banks Index	27-Aug-18	16-Sep-05	16-Sep-05	1000
S&P BSE Financials Ex-Banks 30 Index	16-Nov-21	15-Jun-07	15-Jun-07	1000
S&P BSE Housing Index	27-Jun-22	16-Dec-16	16-Dec-16	1000

# 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 market close on the ex-date without consideration for withholding taxes.
- Net Total Return (NTR) versions, if available, reinvest regular cash dividends at market 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 S&P BSE Index Committee oversees the indices. The Index Committee is composed of full time employees of S&P Dow Jones Indices and the BSE. The Index 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.

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 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.

## Pro-forma Files

In addition to the corporate events file (.SDE), Asia Index Private Limited 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 as well as 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.spglobal.com/spdji](http://www.spglobal.com/spdji) for a complete schedule of rebalancing timelines and pro-forma delivery times.

## Holiday Schedule

The indices are 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](http://www.bseindia.com).

**Special Trading Sessions.** The indices 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 apprise market participants of 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 of the new portfolio's effective date.

## 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 Methodology.

## Recalculation Policy

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

## **Real-Time Calculation**

Real-time, intra-day index calculations are executed for S&P BSE Indices on the BSE real-time platform, "EPIC". Real-time indices are not restated. End of day index calculations are executed on the S&P proprietary platform.

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

## **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.spglobal.com/spdji](http://www.spglobal.com/spdji), Asia Index Private Limited's Web site at [www.asiaindex.co.in](http://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 versions of the below indices that may exist are also covered by this document. Please refer to the [S&P DJI Methodology & Regulatory Status Database](#) for a complete list of indices covered by this document.

Index (Currency)	Bloomberg	RIC
S&P BSE India Manufacturing Index	SPBIMIP	.SPBIMIP
S&P BSE India Manufacturing Index TR	SPBIMIT	--
S&P BSE India Manufacturing Index (USD)	SPBIMIUP	--
S&P BSE India Manufacturing Index TR (USD)	SPBIMIUT	--
S&P BSE India Infrastructure Index	SPBSINIP	.BSEIINF
S&P BSE India Infrastructure Index TR	SPBSINIT	--
S&P BSE India Infrastructure Index (USD)	SPBSINUP	--
S&P BSE India Infrastructure Index TR (USD)	SPBSINUT	--
S&P BSE Diversified Financials Revenue Growth Index (INR)	SPBPDFIP	--
S&P BSE Diversified Financials Revenue Growth Index (INR) TR	SPBPDFIT	--
S&P BSE Diversified Financials Revenue Growth Index (USD)	SPBPDFUP	--
S&P BSE Diversified Financials Revenue Growth Index (USD) TR	SPBPDFUT	--
S&P BSE Private Banks Index	SPBSPBIP	--
S&P BSE Private Banks Index TR	SPBSPBUP	--
S&P BSE Private Banks Index (USD)	SPBSPBIT	--
S&P BSE Private Banks Index TR (USD)	SPBSPBUT	--
S&P BSE Financials Ex-Banks 30 Index (INR)	SPBSEBIP	--
S&P BSE Financials Ex-Banks 30 Index TR (INR)	SPBSEBIT	--
S&P BSE Financials Ex-Banks 30 Index (USD)	SPBSEBUP	--
S&P BSE Financials Ex-Banks 30 Index TR (USD)	SPBSEBUT	--
S&P BSE Housing Index (INR)	SPBSHOIP	.SPBSHOIP
S&P BSE Housing Index TR (INR)	SPBSHOIT	.SPBSHOIT
S&P BSE Housing Index (USD)	SPBSHOUP	.SPBSHOUP
S&P BSE Housing Index TR (USD)	SPBSHOUT	.SPBSHOUT

## Index Data

Daily constituent and index level data are available via subscription.

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

## Web site

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

# Appendix I – BSE Industry Sub-Groups

## S&P BSE India Manufacturing Index

The constituent stocks of the S&P BSE LargeMidCap are mapped to common India Industry Classification Structure basic industries according to the table below:

Macro Economic Indicator	Sector	Industry	Basic Industry
Commodities	Chemicals	Chemicals & Petrochemicals	Commodity Chemicals
			Industrial Gases
			Specialty Chemicals
			Carbon Black
			Dyes And Pigments
			Explosives
			Petrochemicals
			Printing Inks
		Fertilizers & Agrochemicals	Fertilizers
		Pesticides & Agrochemicals	
	Construction Materials	Cement & Cement Products	Cement & Cement Products
		Other Construction Materials	Other Construction Materials
	Forest Materials	Paper, Forest & Jute Products	Paper & Paper Products
			Forest Products
			Jute & Jute Products
	Metals & Mining	Diversified Metals	Diversified Metals
		Ferrous Metals	Ferro & Silica Manganese
			Pig Iron
			Sponge Iron
			Iron & Steel
Non - Ferrous Metals		Aluminium	
		Copper	
		Zinc	
	Precious Metals		
Minerals & Mining	Industrial Minerals		
Consumer Discretionary	Automobile and Auto Components	Automobiles	Passenger Cars & Utility Vehicles
			2/3 Wheelers
		Auto Components	Auto Components & Equipments
			Tyres & Rubber Products
	Consumer Durables	Consumer Durables	Cycles
			Consumer Electronics
			Furniture, Home Furnishing
			Ceramics
			Granites & Marbles
			Gems, Jewellery And Watches
			Glass - Consumer
			Household Appliances
			Houseware
			Leather And Leather Products
			Leisure Products
			Plastic Products - Consumer
			Plywood Boards/ Laminates
			Sanitary Ware
			Paints
			Diversified consumer products
Textiles	Textiles & Apparels	Garments & Apparels	
		Other Textile Products	
Diversified	Diversified	Diversified	Diversified <sup>11</sup>

<sup>11</sup> Includes only those companies that generate majority of revenue from Manufacturing and Production activities .



Macro Economic Indicator	Sector	Industry	Basic Industry
Energy	Oil, Gas & Consumable Fuels	Oil	Oil Exploration & Production
		Petroleum Products	Refineries & Marketing <sup>12</sup>
		Consumable Fuels	Lubricants
Fast Moving Consumer Goods	Fast Moving Consumer Goods	Agricultural Food & other Products	Edible Oils
			Sugar
			Tea & Coffee
			Other Agricultural Products
		Beverages	Breweries & Distilleries
			Other Beverages
		Cigarettes & Tobacco Products	Cigarettes & Tobacco Products
		Food Products	Animal Feed
			Dairy Products
			Other Food Products
			Packaged Foods
			Meat Products including Poultry
		Seafood	
Personal Products	Personal Care		
Household Products	Household Products		
	Stationary		
Diversified FMCG	Diversified FMCG		
Healthcare	Healthcare	Pharmaceuticals & Biotechnology	Pharmaceuticals
		Healthcare Equipment & Supplies	Biotechnology
			Medical Equipment & Supplies
Industrials	Construction	Construction	Civil Construction
	Capital Goods	Aerospace & Defense	Aerospace & Defense
		Agricultural, Commercial & Construction Vehicles	Tractors
			Commercial Vehicles
			Construction Vehicles
		Electrical Equipment	Heavy Electrical Equipment
			Other Electrical Equipment
		Industrial Manufacturing	Railway Wagons
			Ship Building & Allied Services
			Industrial products
		Industrial Products	Abrasives & Bearings
			Cables - Electricals
			Castings & Forgings
			Compressors, Pumps & Diesel Engines
			Electrodes & Refractories
			Packaging
			Plastic Products - Industrial
			Rubber
			Other Industrial Products
			Glass - Industrial
Aluminium, Copper & Zinc Products			
Iron & Steel Products			
Information Technology	Information Technology	IT - Hardware	Computers Hardware & Equipments
Telecommunication	Telecommunication	Telecom - Equipment & Accessories	Telecom - Equipment & Accessories

For history prior to March 20, 2023, the constituent stocks of the S&P BSE LargeMidCap were mapped to BSE Industry Sub-Groups according to the table below:

Macro-Economic Indicator	Sector	Industry	Basic Industry
Commodities	Chemicals	Chemicals & Petrochemicals	Commodity Chemicals
			Industrial Gases
			Specialty Chemicals
			Carbon Black
			Dyes And Pigments

<sup>12</sup> Includes only those companies that generate majority of revenue from Manufacturing and Production activities .

Macro-Economic Indicator	Sector	Industry	Basic Industry	
			Explosives	
			Petrochemicals	
			Printing Inks	
			Fertilizers	
			Pesticides & Agrochemicals	
		Fertilizers & Agrochemicals	Cement & Cement Products	
		Construction Materials		Other Construction Materials
				Other Construction Materials
		Forest Materials		Paper, Forest & Jute Products
				Paper & Paper Products
	Forest Products			
	Metals & Mining		Diversified Metals	Jute & Jute Products
				Diversified Metals
			Ferrous Metals	Ferro & Silica Manganese
				Pig Iron
		Non - Ferrous Metals	Sponge Iron	
			Iron & Steel	
Aluminium				
Copper				
Minerals & Mining		Zinc		
		Precious Metals		
Industrial Minerals		Industrial Minerals		
Consumer Discretionary	Automobile and Auto Components	Automobiles	Passenger Cars & Utility Vehicles	
			2/3 Wheelers	
		Auto Components		Auto Components & Equipment
				Batteries - Automobile
				Fastener
				Gas Cylinders
				Tyres & Rubber Products
				Air Conditioner
		Consumer Durables	Consumer Durables	Bicycles
				Consumer Electronics
	Furniture, Home Furnishing, Flooring			
	Gems, Jewellery And Watches			
	Glass - Consumer			
	Household Appliances			
	Houseware			
	Leather And Leather Products			
	Leisure Products			
	Plastic Products - Consumer			
	Plywood Boards/ Laminates			
	Sanitary Ware			
	Toys			
	Paints			
	Diversified consumer products			
	Textiles		Garments & Apparels	
			Other Textile Products	
	Diversified	Diversified	Diversified	Diversified <sup>13</sup>
	Energy	Oil, Gas & Consumable Fuels	Gas	Industrial Gas
Oil			Oil Exploration & Production	
Petroleum Products			Refineries & Marketing <sup>14</sup>	
Consumable Fuels			Lubricants	
			Coal	
Fast Moving Consumer Goods	Fast Moving Consumer Goods	Agricultural Food & other Products	Edible Oils	
			Sugar	
			Tea & Coffee	
			Other Agricultural Products	
		Beverages	Breweries & Distilleries	
			Other Beverages	
		Cigarettes & Tobacco Products	Cigarettes & Tobacco Products	
		Food Products		Animal Feed
				Dairy Products
Other Food Products				

<sup>13</sup> Includes only those companies that generate majority of revenue from Manufacturing and Production activities.

<sup>14</sup> Includes only those companies that generate majority of revenue from Manufacturing and Production activities.

Macro-Economic Indicator	Sector	Industry	Basic Industry	
		Personal Products	Packaged Foods Personal Care	
		Household Products	Household Products Batteries Photographic Products Stationary	
		Diversified FMCG	Diversified FMCG	
Healthcare	Healthcare	Pharmaceuticals & Biotechnology	Pharmaceuticals Biotechnology	
		Healthcare Equipment & Supplies	Medical Equipment & Supplies	
Industrials	Construction	Construction	Civil Construction Engineering, Designing & Construction	
	Capital Goods	Aerospace & Defense	Aerospace & Defense	
		Agricultural, Commercial & Construction Vehicles	Tractors	Tractors
			Commercial Vehicles	Commercial Vehicles
			Construction Vehicles	Construction Vehicles
		Electrical Equipment	Heavy Electrical Equipment	Heavy Electrical Equipment
			Other Electrical Equipment	Other Electrical Equipment
		Industrial Manufacturing	Elevators	Elevators
			Engineering & Construction products	Engineering & Construction products
			Industrial Electronics	Industrial Electronics
			Industrial Equipment	Industrial Equipment
			Railway Wagons	Railway Wagons
			Ship Building & Allied Services	Ship Building & Allied Services
			Industrial Machinery	Industrial Machinery
		Industrial Products	Abrasives	Abrasives
			Bearings	Bearings
			Cables - Electricals	Cables - Electricals
			Castings & Forgings	Castings & Forgings
			Compressors & Pumps	Compressors & Pumps
			Diesel Engines	Diesel Engines
Electrodes	Electrodes			
Packaging	Packaging			
Plastic Products - Industrial	Plastic Products - Industrial			
Refractories	Refractories			
Rubber	Rubber			
Other Industrial Products	Other Industrial Products			
Glass - Industrial	Glass - Industrial			
Aluminium, Copper & Zinc Products	Aluminium, Copper & Zinc Products			
Iron & Steel Products	Iron & Steel Products			
Information Technology	Information Technology	IT - Hardware	Computers Hardware & Equipment	
Telecommunication	Telecommunication	Telecom - Equipment & Accessories	Telecom - Equipment & Accessories	

For history prior to September 19, 2022, the constituent stocks of the S&P BSE LargeMidCap were mapped to BSE Industry Sub-Groups according to the table below:

BSE Sector	BSE Industry	BSE Industry Group	BSE Industry Sub-Group	
Basic Materials	Metals & Mining	Steel	Iron & Steel and Intermediary Products	
		Non-ferrous Metals	Aluminum	Aluminum
			Copper	Copper
			Zinc	Zinc
			Others	Others
	Construction Materials	Cement & Cement Products	Cement & Cement Products	
		Other Construction Materials	Other Construction Materials	
	Chemicals & Petrochemicals	Chemicals	Commodity Chemicals	Commodity Chemicals
			Specialty Chemicals	Specialty Chemicals
			Industrial Gases	Industrial Gases
		Fertilizers & Agricultural Chemicals	Fertilizers	Fertilizers
			Agrochemicals	Agrochemicals
		Petrochemicals	Carbon Black	Carbon Black
	Petrochemicals	Petrochemicals		
		Fibers & Plastics		

BSE Sector	BSE Industry	BSE Industry Group	BSE Industry Sub-Group	
	Forest Materials	Paper & Forest Products	Paper & Paper Products	
		Jute & Jute Products	Forest Products	
Consumer Discretionary Goods & Services	Automobiles & Auto Components	Automobiles	Cars & Utility Vehicles	
		Auto Components	2/3 Wheelers	
	Consumer Durables	Consumer Durables	Consumer Electronics	Auto Parts & Equipment
			Leisure Equipment & Products	Tires & Rubber Products
		Leisure Equipment & Products	Furniture, Furnishing & Paints	Consumer Electronics
			Household Appliances	Furniture, Furnishing & Paints
	Textiles, Apparels & Accessories	Textiles, Apparels & Accessories	Houseware	Household Appliances
			Photographic Products	Houseware
	Energy	Oil & Gas	Oil & Gas Producers	Gift Articles, Toys & Greeting Cards
				Other Leisure Products
	Fast Moving Consumer Goods	Household & Personal Products	Household Products	Footwear
				Personal Products
Food, Beverages & Tobacco		Beverages	Beverages	Other Apparels & Accessories
				Food Products
		Agricultural Food Products	Agricultural Food Products	Integrated Oil & Gas
				Cigarettes & Tobacco Products
		Cigarettes & Tobacco Products	Cigarettes & Tobacco Products	Other Non-Durable Household Products
				Personal Products
Healthcare		Pharmaceuticals & Biotechnology	Pharmaceuticals & Biotechnology	Personal Products
		Healthcare Equipment & Supplies	Healthcare Equipment & Supplies	Breweries & Distilleries
Industrials		Capital Goods	Construction & Engineering	Non-alcoholic Beverages
				Electrical Equipment
	Machinery		Machinery	Other Food Products
				Aerospace & Defense
	General Industrials	General Industrials	Edible Oils	
			Containers & Packaging	Sugar
			Iron & Steel Products	Other Agricultural Products
			Plastic Products	Cigarettes & Tobacco Products
	Information Technology	Hardware Technology & Equipment	Communications Equipment	Other Agricultural Products
			Computers & Peripherals	Cigarettes & Tobacco Products
			Electronic Components, Equipment & Instruments	Pharmaceuticals
	Telecom	Telecommunications Equipment	Telecommunications Equipment	Biotechnology
Telecom Cables			Medical Equipment	
Diversified	Diversified	Diversified	Healthcare Supplies	

## S&P BSE India Infrastructure Index

The constituent stocks of the S&P BSE AllCap are mapped to infrastructure clusters (as per the common India Industry Classification Structure basic industries) outlined in the table below:

<sup>15</sup> Includes only those companies that generate majority of revenue from Manufacturing and Production activities.

Macro Economic Indicator	Sector	Industry	Basic Industry	Infrastructure Cluster
Energy	Oil, Gas & Consumable Fuels	Oil	Oil Exploration & Production	Energy
Energy	Oil, Gas & Consumable Fuels	Oil	Offshore Support Solution Drilling	
Energy	Oil, Gas & Consumable Fuels	Gas	Gas Transmission/Marketing	
Financial Services	Financial Services	Finance	Financial Institution	NBFCs <sup>16</sup>
Financial Services	Financial Services	Finance	Non Banking Financial Company (NBFC)	
Financial Services	Financial Services	Finance	Other Financial Services	
Financial Services	Financial Services	Finance	Investment Company	
Industrials	Construction	Construction	Civil Construction	Construction & Engineering <sup>17</sup>
Services	Services	Transport Infrastructure	Airport & Airport services	Transportation
Services	Services	Transport Infrastructure	Port & Port services	
Services	Services	Transport Infrastructure	Road Assets–Toll, Annuity, Hybrid-Annuity	
Services	Services	Transport Services	Airline	
Services	Services	Transport Services	Shipping	
Services	Services	Transport Services	Railways	
Services	Services	Transport Services	Road Transport	
Utilities	Power	Power	Power - Transmission	Utilities <sup>18</sup>
Utilities	Power	Power	Power Generation	
Utilities	Power	Power	Integrated Power Utilities	
Utilities	Utilities	Other Utilities	Water Supply & Management	
Utilities	Utilities	Other Utilities	Waste Management	
Utilities	Utilities	Other Utilities	Emergency Services	
Utilities	Utilities	Other Utilities	Multi Utilities	
Utilities	Utilities	Other Utilities	Other Utilities	

For history prior to March 20, 2023, the constituent stocks of the S&P BSE AllCap were mapped to BSE Industry Sub-Groups according to the table below

Macro Economic Indicator	Sector	Industry	Basic Industry	Infrastructure Cluster
Energy	Oil, Gas & Consumable Fuels	Oil	Oil Exploration & Production	Energy
Energy	Oil, Gas & Consumable Fuels	Oil	Offshore Support Solution Drilling	
Energy	Oil, Gas & Consumable Fuels	Gas	Gas Transmission/Marketing	
Energy	Oil, Gas & Consumable Fuels	Gas	Industrial Gas	
Financial Services	Financial Services	Finance	Financial Institution	NBFCs <sup>19</sup>
Financial Services	Financial Services	Finance	Non Banking Financial Company (NBFC)	
Financial Services	Financial Services	Finance	Other Financial Services	
Financial Services	Financial Services	Finance	Investment Company	
Industrials	Construction	Construction	Civil Construction	Construction & Engineering <sup>20</sup>
Industrials	Construction	Construction	Engineering, Designing & Construction	
Services	Services	Transport Infrastructure	Airport & Airport services	Transportation
Services	Services	Transport Infrastructure	Port & Port services	
Services	Services	Transport Infrastructure	Toll bridge operator	

<sup>16</sup> Includes only those companies categorized by the Reserve Bank of India (RBI) as an 'Infrastructure Finance'.

<sup>17</sup> Excludes companies manufacturing pipes and tubes.

<sup>18</sup> Excludes companies in the Electric Utilities Sub-Industry Group that are engaged in the trading of electricity.

<sup>19</sup> Includes only those companies categorized by the Reserve Bank of India (RBI) as an 'Infrastructure Finance'.

<sup>20</sup> Excludes companies manufacturing pipes and tubes.

Macro Economic Indicator	Sector	Industry	Basic Industry	Infrastructure Cluster
Services	Services	Transport Services	Airline	
Services	Services	Transport Services	Shipping	
Services	Services	Transport Services	Railways	
Services	Services	Transport Services	Road Transport	
Utilities	Power	Power	Power - Transmission	Utilities <sup>21</sup>
Utilities	Power	Power	Electric Utilities	
Utilities	Utilities	Other Utilities	Water Supply & Management	
Utilities	Utilities	Other Utilities	Waste Management	
Utilities	Utilities	Other Utilities	Emergency Services	
Utilities	Utilities	Other Utilities	Multi Utilities	
Utilities	Utilities	Other Utilities	Other Utilities	
Utilities	Utilities	Other Utilities	Other Utilities	

For history prior to September 19, 2022, the constituent stocks of the S&P BSE AllCap were mapped to BSE Industry Sub-Groups according to the table below:

BSE Sector	BSE Industry	BSE Industry Group	BSE Industry Sub-Group	Infrastructure Cluster
Energy	Oil & Gas	Oil & Gas Producers	Exploration & Production	Energy
Finance	Other Financial Services	Other Financial Services	Financial Institutions	NBFCs <sup>22</sup>
			Investment Companies	
			Other Finance Companies (including NBFCs)	
			Other Financial Services	
Industrials	Capital Goods	Construction & Engineering	Construction & Engineering	Construction & Engineering <sup>23</sup>
	Transportation	Transport Infrastructure	Marine Port & Services	Transportation
			Roads & Highways	
			Airport Services	
		Transport Services	Airlines	
		Shipping		
Utilities	Utilities	Utilities	Electric Utilities	Utilities <sup>24</sup>
			Other Utilities (including Pipelines)	

<sup>21</sup> Excludes companies in the Electric Utilities Sub-Industry Group that are engaged in the trading of electricity.

<sup>22</sup> Includes only those companies categorized by the Reserve Bank of India (RBI) as an 'Infrastructure Finance'.

<sup>23</sup> Excludes companies manufacturing pipes and tubes.

<sup>24</sup> Excludes companies in the Electric Utilities Sub-Industry Group that are engaged in the trading of electricity.

## S&P BSE Housing Index

The constituent stocks of the S&P BSE 250 LargeMidCap Index are mapped to common India Industry Classification Structure basic industries according to the table below:

Macro Economic Indicator	Sector	Industry	Basic Industry
Commodities	Construction Materials	Cement & Cement Products	Cement & Cement Products
		Other Construction Materials	Other Construction Materials
Consumer Discretionary	Consumer Durables	Consumer Durables	Consumer Electronics
			Furniture, Home Furnishing
			Ceramics
			Granites & Marbles
			Household Appliances
			Houseware
			Plywood Boards/ Laminates
			Sanitary Ware
			Paints
	Realty	Realty	Residential, Commercial Projects
Financial Services	Financial Services	Finance	Housing Finance Company
Industrials	Capital Goods	Agricultural, Commercial & Construction Vehicles	Construction Vehicles
		Industrial Products	Cables - Electricals
			Plastic Products - Industrial

For history prior to Mar. 17<sup>th</sup>, 2022, the rebalancings used the former BSE Sector Classification model. The constituent stocks of the S&P BSE 250 LargeMidCap Index are mapped to BSE Industry Sub-Groups according to the table below:

BSE Sector	BSE Industry	BSE Industry Group	BSE Industry Sub-Group
Basic Materials	Construction Materials	Cement & Cement Products	Cement & Cement Products
Consumer Discretionary Goods & Services (CDGS)	Consumer Durables	Consumer Durables	Consumer Electronics
			Furniture, Furnishing & Paints
	Household Appliances		
	Realty	Realty	Realty
Finance	Other Financial Services	Other Financial Services	Housing Finance Companies
Industrials	Capital Goods	Construction & Engineering	Construction & Engineering
		Electrical Equipment	Other Electrical Equipment/ Products
	General Industrials	General Industrials	Plastic Products

## Appendix II – Methodology Changes

Methodology changes since January 1, 2015, are as follows:

Change	Effective Date (After Close)	Methodology	
		Previous	Updated
S&P BSE Diversified Financials Revenue Growth Index (INR): Index Eligibility	16-Sep-22	The index universe is drawn from the constituents of the S&P BSE 500. Only common stocks dual-listed on national exchanges <b>classified as Finance by the BSE Sector Classification model</b> , and not classified under the BSE Scrip category as a Public Sector Undertaking (PSU), are eligible.	The index universe is drawn from the constituents of the S&P BSE 500. Only common stocks dual-listed on national exchanges <b>with a common India Industry Classification Structure macro-economic indicator of Financial Services</b> , and not classified under the BSE Scrip category as a Public Sector Undertaking (PSU), are eligible
S&P BSE Private Banks Index: Sector Classification	16-Sep-22	Stocks classified as Banks under the BSE Industry Sub-Group form the eligible universe.	Stocks classified as Banks industry under the common India Industry Classification Structure form the eligible universe.
S&P BSE India Infrastructure Index: Infrastructure Cluster - Transportation	19-Jun-20	Eligible 'BSE Industry Sub-Groups' within the 'Transportation' Industry: <ul style="list-style-type: none"> <li>• Marine Port &amp; Services</li> <li>• Roads &amp; Highways</li> <li>• Airlines</li> <li>• Shipping</li> </ul>	Eligible 'BSE Industry Sub-Groups' within the 'Transportation' Industry: <ul style="list-style-type: none"> <li>• Marine Port &amp; Services</li> <li>• Roads &amp; Highways</li> <li>• Airport Services</li> <li>• Airlines</li> <li>• Shipping</li> </ul>
S&P BSE Private Banks Index: Constituent Weighting	21-Jun-19	Constituents are weighted by float-adjusted market capitalization at each quarter effective as of market open on the Monday following the third Friday of March, June, September and December, respectively. Weights are subject to the following constraints in the order detailed below: <ul style="list-style-type: none"> <li>• Single constituent weights are capped at 22.5%.</li> <li>• All constituents that weigh less than or equal to 4.5% should cumulatively weigh at least 16.5%.</li> </ul> <p>To adhere to these constraints, the weights of all stocks weighing between 4.5% and 22.5% ("Type 1") are proportionally redistributed to the stocks weighing less than 4.5% ("Type 2"). However, no stock's weight can be reduced or increased beyond 4.5% for Type 1 and Type 2 stocks, respectively.</p> <p>In extreme cases, these capping constraints may not be achievable. In such instances, the individual stock weight cap of 22.5% is reduced by 0.5% until Type 2 stocks have a cumulative weight of at least 16.5%. If the capping constraints are still not achievable, the Committee will determine the appropriate modifications to the index weighting rules.</p>	Constituents are weighted by float-adjusted market capitalization at each quarter effective as of market open on the Monday following the third Friday of March, June, September, and December, respectively. Weights are subject to the following constraints: <ol style="list-style-type: none"> <li>1. Single constituent weights are capped at 33%.</li> <li>2. The aggregate weight of the top three index constituents shall not be more than 63% of the index.</li> <li>3. If the above constraints are breached, any excess weight is proportionately redistributed to all uncapped stocks. As part of the redistribution, the ranking of stocks based on final weights will remain in line with their rankings based on float-adjusted market capitalization.</li> </ol>
S&P BSE Diversified Financials Revenue Growth Index (INR) and S&P BSE Private Banks Index: Regulatory Review	21-Jun-19	--	In addition to the index construction and constituent weighting rules employed by each index, the S&P BSE Diversified Financials Revenue Growth Index (INR) and S&P BSE Private Banks Index are checked for adherence to the four Securities and Exchange Board of India ("SEBI") norms on a quarterly basis. If the norms are found not to have been adhered to during the period under review, the index committee, at its discretion and on a case-by-case basis, will take appropriate measures to ensure compliance with the SEBI norms. Any changes resulting from the regulatory review will take effect at market open on the Monday following the third Friday of March, June, September, and December, respectively.



Change	Effective Date (After Close)	Methodology	
		Previous	Updated
S&P BSE Diversified Financials Revenue Growth Index (INR): Constituent Weighting	21-Dec-18	Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 5%, applied at each semi-annual rebalancing effective as of market open on the Monday following the third Friday of June and December, respectively.	Constituents are weighted by float-adjusted market capitalization, subject to an individual stock weight cap of 5%, applied at each quarter effective as of market open on the Monday following the third Friday of March, June, September and December, respectively.
S&P BSE Private Banks Index: Constituent Weighting	21-Dec-18	Constituents are weighted by float-adjusted market capitalization at each semi-annual rebalancing effective as of market open on the Monday following the third Friday of March and September, respectively. Weights are subject to the following constraints in the order detailed below: <ul style="list-style-type: none"> <li>Single constituent weights are capped at 22.5%.</li> <li>All constituents that weigh less than or equal to 4.5% should cumulatively weigh at least 16.5%.</li> </ul> To adhere to these constraints, the weights of all stocks weighing between 4.5% and 22.5% ("Type 1") are proportionally redistributed to the stocks weighing less than 4.5% ("Type 2"). However, no stock's weight can be reduced or increased beyond 4.5% for Type 1 and Type 2 stocks, respectively.	Constituents are weighted by float-adjusted market capitalization at each quarter effective as of market open on the Monday following the third Friday of March, June, September and December, respectively. Weights are subject to the following constraints in the order detailed below: <ul style="list-style-type: none"> <li>Single constituent weights are capped at 22.5%.</li> <li>All constituents that weigh less than or equal to 4.5% should cumulatively weigh at least 16.5%.</li> </ul> To adhere to these constraints, the weights of all stocks weighing between 4.5% and 22.5% ("Type 1") are proportionally redistributed to the stocks weighing less than 4.5% ("Type 2"). However, no stock's weight can be reduced or increased beyond 4.5% for Type 1 and Type 2 stocks, respectively.
All Indices: Ongoing Maintenance - Graded Surveillance Measure	21-Sep-18	--	On a monthly basis, companies added to the GSM list are dropped. The effective date of the drop is at market open on 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.
S&P BSE India Infrastructure Index: Float-adjusted Market Capitalization Buffer Rule for current index constituents	16-Sep-16	--	Current index constituents with a float-adjusted market capitalization of at least INR 800 million remain eligible for index inclusion provided they meet the other eligibility criteria.
S&P BSE India Infrastructure Index: Annualized Traded Value and Turnover Ratio Buffer Rule for current index constituents	16-Sep-16	--	Current index constituents with an annualized traded value of at least INR 160 million and turnover ratio of at least 8% remain eligible for index inclusion provided they meet the other eligibility criteria.
S&P BSE India Infrastructure Index and S&P BSE India Manufacturing Index: Rebalancing Reference Date	18-Mar-16	Last trading day of February and August, respectively.	Third Friday of February and August, respectively.
S&P BSE India Infrastructure Index: Eligible Universe	19-Jun-15	Constituents of the S&P BSE 500.	Constituents of the S&P BSE AllCap.
S&P BSE India Infrastructure Index: Sector Classification	19-Jun-15	Infrastructure Clusters formed from a combination of GICS sub-industries.	Infrastructure Clusters formed from a combination of BSE Industry Sub-Groups.

Change	Effective Date (After Close)	Methodology	
		Previous	Updated
S&P BSE India Infrastructure Index:  Additions and Deletions between Rebalancings	19-Jun-15	Due to corporate actions only.	Due to corporate actions and BSE quarterly sector classification changes.
S&P BSE India Infrastructure Index:  Infrastructure Clusters	19-Jun-15	Five infrastructure clusters: 1) Energy 2) Transportation 3) Telecommunications 4) Utilities 5) Non- Banking Financial Companies	Five infrastructure clusters: 1) Energy 2) Transportation 3) Construction & Engineering 4) Utilities 5) Non- Banking Financial Companies
S&P BSE India Infrastructure Index:  Index Construction Company Data Points	19-Jun-15	Two company data points: 1) Average Daily Float-Adjusted Market Capitalization 2) Average Daily Value Traded  Calculated based on data from the prior three months, as of the rebalancing reference date.	Four company datapoints: 1) Average Daily Float-Adjusted Market Capitalization 2) Annualized Traded Value 3) Turnover Ratio 4) Trading Frequency  Calculated based on data from the prior six months, as of the rebalancing reference date.
S&P BSE India Infrastructure Index:  Rebalancing Effective Date	19-Jun-15	Monday following the third Friday of June and December, respectively.	Monday following the third Friday of March and September, respectively.
S&P BSE India Infrastructure Index:  Rebalancing Reference Date	19-Jun-15	Last trading day of April and October, respectively.	Last trading day of February and August, respectively.

## Appendix III – Sales Per Share Growth

- A company's fiscal Sales per share (SPS) growth is defined as the Average of SPS Growth over the past three years where SPS growth is calculated as  $\{SPS_t/SPS_{t-1} - 1\}$ .<sup>25</sup>
- When SPS for prior three years are not available then Average of Two-Year SPS Growth Rate is used. When SPS for the prior two years are not available then One-Year SPS Growth Rate is used.
- In the scenario that a company migrates from Indian Generally Accepted Accounting Principles (GAAP) to Indian Accounting Standard (Ind AS), the sales growth calculation will factor in adjusted numbers for the year of migration.

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<sup>25</sup> Sales Growth data is lagged by three months (for example – for the April 2017 rebalancing reference date, each company's fiscal sales growth data available as of the end of January 2017 is considered).

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