



<p><b>Tokyo Market Information</b> -TOPIX (Snowflake)-</p>
<p><b>Via Snowflake</b> <b>Data Specification</b></p>

(Ver. 1.1    2026.1.23)

This specification will be applicable from January 23, 2026.

**JPX Market Innovation & Research, Inc.**

～ **Table of Contents** ～

	<b>Page</b>
1. Overview	1
2. Connection / Access	1
3. Provision Method	1
3.1 Information to be Provided	1
3.2 Overview of Data to be Provided	2
3.3 Processing When No New Information is Available	5
3.4 Timing and Overview of View Delivery / Updates	5
3.5 Data Retrieval in a Manner Similar to the Data Feed Service	6
3.6 Data Format	7
3.6.1 Price Return Index (Close)	7
3.6.2 Price Return Index (Calculation Data)	9
3.6.3 Total Return Index (Close)	11
3.6.4 Total Return Index (Calculation Data)	13
3.6.5 Change in Constituents' Level Data (Forecast)	15
3.6.6 Index Constituents Master	19
3.6.7 Last Update Control	22
4. Operation in Case of System Failure	22
5. Contact	23
Appendix 1. Notes on "Status Code" and "Index Classification Code" in Constituents' Level Data (Forecast)	24
Appendix 2. Formatting of Numerical Data	26
Appendix 3. Event Code Table	27
Attachment 1. Last Update Control View Mapping Table	
Attachment 2. Tables by Index Type	

## 1. Overview

This specification document provides information necessary to use the service for distributing Tokyo Market Information (TMI) – TOPIX (hereinafter referred to as “this Service”), provided by JPX Market Innovation & Research, Inc. (JPXI), via the platform that Snowflake Inc. provides (hereinafter referred to as “Snowflake”).

## 2. Connection / Access

For details regarding the connection specifications to access Snowflake, please refer to “JPX Market Innovation & Research - Specification for the Data Service on Snowflake.”

In addition, the items specified in “Information Provided by JPXI,” which is presented in Section 2.5.2 of the said connection specification document, will be compiled into a file titled “Setting Confirmation Sheet for Snowflake” and distributed to subscribers of this Service.

## 3. Provision Method

### 3. 1 Information to be Provided

The following information will be provided to subscribers of this Service.

(Customized “Views” (see Note 1) shall be created and provided for each of the following information types, and for items (5) and (6) in particular, Views shall generally be provided per the index, except for certain indices.)

- (1) Price Return Index (Close)
- (2) Price Return Index (Calculation Data)
- (3) Total Return Index (Close)
- (4) Total Return Index (Calculation Data)
- (5) Change in Constituents’ Level Data (Forecast)
- (6) Index Constituent Master

\* Please note that the data/information listed above include, when they are referred to in this data specification document, corresponding datasets prepared separately for each individual index.

\* Depending on the contract terms, the data will be provided in either Japanese or English.

\* Depending on the contract terms, historical data for a certain period may also be accessible.

\* If you have entered into a contract for individual index constituent master data or other data in addition to the Snowflake Standard Package, items (5) and (6) will be provided for the corresponding index.

The corresponding information for each provided View will be compiled into a file titled “Setting Confirmation Sheet for Snowflake” and distributed to subscribers of this Service.

(Note 1) A View allows the result of a query—data retrieved from another database—to be accessed as if it were a table.

<https://docs.snowflake.com/en/user-guide/views-introduction>

### 3.2 Overview of Data to be Provided

Please see the followings for an overview of data to be provided in Views.

No.	Data	Summary	Included Indices
1	Price Return Index (Close)	Information such as closing price, points change, and current market value (CMV) of the indices on the data provision date. These values do not reflect dividend income.	Indices that have Price Return Index Code in Attachment 2
2	Price Return Index (Calculation Data)	Base data used in the calculation of Price Return Index, such as base market value (BMV), as of the data application date (i.e., the next business day). These values do not reflect dividend income.	Indices that have Price Return Index Code in Attachment 2  Excluding the following indices: TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index, TOPIX Double Inverse (-2x) Index, JPX-Nikkei 400 Leveraged Index, JPX-Nikkei 400 Inverse Index, JPX-Nikkei 400 Double Inverse Index, Tokyo Stock Exchange REIT Inverse (-1x) Index, Tokyo Stock Exchange REIT Leveraged (2x) Index, Tokyo Stock Exchange REIT Double Inverse (-2x) Index
3	Total Return Index (Close)	Information such as closing price, ROI, and CMV of the indices on the data provision date. These values reflect dividend income.	Indices that have Total Return Index Code in Attachment 2
4	Total Index Base (Calculation Data)	Base data used in the calculation of Total Return Index, such as BMV, as of the data application date (i.e., the next business day). These values reflect dividend income.	Indices that have Total Return Index Code in Attachment 2
5	Change in Constituents' Level Data (Forecast)	Information regarding the presence and content of advance notices for changes in the number of shares of index constituents due to corporate action events (e.g., issuance of new shares, stock splits), as well as changes in other attributes (e.g., industry classification).	TOPIX, Size-based TOPIX Sub-indices, TOPIX Sector Indices, Tokyo Stock Exchange Growth Market 250 Index, REIT, TOPIX New Index Series, Tokyo Stock Exchange Prime Market Index, Tokyo Stock Exchange Standard Market Index, Tokyo Stock Exchange Growth Market IndexThe

			<p>following indices are provided separately according to the contract details:</p> <p>TOPIX Style Index Series,  Tokyo Stock Exchange Dividend Focus 100 Index,  JPX-Nikkei Mid and Small Cap Index,  TOPIX High Dividend Yield 40 Index,  Tokyo Stock Exchange REIT Core Index,  JPX-Nikkei Index 400,  Tokyo Stock Exchange Infrastructure Funds Index,  TOPIX-Ex financials,  Tokyo Stock Exchange Growth Market Core Index,  Tokyo Stock Exchange Standard Market TOP20 Index,  Tokyo Stock Exchange Prime Market Composite Index,  JPX Prime 150 Index,  Tokyo Stock Exchange REIT Sector Focus Index Series (Tokyo Stock Exchange REIT Logistics Focus Index, Tokyo Stock Exchange REIT Office Focus Index, Tokyo Stock Exchange REIT Residential Focus Index, Tokyo Stock Exchange REIT Hotel &amp; Retail Focus Index),  TOPIX Banks High Dividend Index,  JPX-Nikkei Index Human Capital 100,  <b>JPX Start-Up Acceleration 100 Index (Effective from March 6, 2026),</b>  <b>TOPIX High Dividend Growth Index</b></p>
6	Index Constituents Master	<p>Master data information of respective constituents as of the data application date or for past dates will be provided.</p> <p>* For future data, information will be provided up to 30 days from the latest View update date.</p>	<p>TOPIX,  Size-based TOPIX Sub-indices,  TOPIX Sector Indices,  Tokyo Stock Exchange Growth Market 250 Index,  REIT,  TOPIX New Index Series,  Tokyo Stock Exchange Prime Market Index,  Tokyo Stock Exchange Standard Market Index,  Tokyo Stock Exchange Growth Market Index</p> <p>Other indices are provided separately according to the contract details.</p>

In addition to the above, the following outlines the non-business metadata provided through Views.

7	Last Update Control	Metadata information of the timing of data update for Views 1 through 6 is provided.  Note: Only the most recent update timestamp is retained, and previous records are overwritten.	
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### 3. 3 Processing When No New Information is Available

If no new information is available for the target data on a given day, the Last Update Control View will still be updated. However, the data within the View will remain the same as the previous day, with no updates or additions.

### 3. 4 Timing and Overview of View Delivery / Updates

Except for the Last Update Control View, each Data under “Information to be Provided” in Section 3.1 above will be updated once per day.

The approximate times for providing data through the View are as follows:

No.	Data	Approximate data provision time
1	Price Return Index (Close)	Available from 5:00 p.m.
2	Price Return Index (Calculation Data)	Available from 8:00 p.m. Note: While the actual delivery time for individual datasets related to specific indices may vary and all are not distributed simultaneously, all data will be distributed between 7:00 and 8:00 p.m.
3	Total Return Index (Close)	Available from 5:00 p.m.
4	Total Index Base (Calculation Data)	Available from 8:00 p.m. Note: While the actual delivery time for individual datasets related to specific indices may vary and all are not distributed simultaneously, all data will be distributed between 7:00 and 8:00 p.m.
5	Change in Constituents' Level Data (Forecast)	Available from 7:00 p.m. Note: While the actual delivery time for individual datasets related to specific indices may vary and all are not distributed simultaneously, all data will be distributed between 5:00 and 7:00 p.m.
6	Index Constituents Master	Available from 7:20 p.m. Note: While the actual delivery time for individual datasets related to specific indices may vary and all are not distributed simultaneously, all data will be distributed between 7:00 and 7:20 p.m.
7	Last Update Control	Provided as needed

\* The data update process will start at the same time as the TMI file generation schedule.

\* Users will be notified of the update status through the Last Update Control View. For the specifications of the control table, please refer to “TOPIX Information\_Last Update Control View Mapping.xlsx.”

### 3. 5 Data Retrieval in a Manner Similar to the Data Feed Service

In Snowflake, each View also stores historical data (and, for the index master, future-dated data as well). Therefore, it is recommended to set appropriate conditions when searching, referencing, or retrieving data.

As an example, the following shows the conditions for retrieving data in a manner similar to the data feed service.

No.	Data	Conditions
1	Price Return Index (Close)	Price Return Index (Close) or Total Return Index (Close): Where the “Date” is the latest View update date
2	Price Return Index (Calculation Data)	
3	Total Return Index (Close)	
4	Total Index Base (Calculation Data)	Price Return Index (Calculation Data) or Total Index Base (Calculation Data): Where the “Date” is the business day following the latest View update date
5	Change in Constituents’ Level Data (Forecast)	Where the “Announcement Date” is the latest View update date.
6	Index Constituents Master	For MMDD-1: Where the “Date” is the latest View update date. For MMDD: Where the “Date” is the business day following the latest View update date.



### 3. 6 Data Format

The following are common points to consider that are applicable to all data formats:

- Column names in the View correspond to the "Field Item Name."
- "Len" indicates the maximum possible length of the data that may be stored.

Note: The handling of null values follows and is subject to Snowflake specifications.

Note: This section describes content related to English data. For information on Japanese data, please refer to the Japanese version of this specification document.

#### 3.6.1 Price Return Index (Close)

No.	Field Item Name	English Item Name	Description	Len	Remarks
1	Date	Date	Date when corresponding data is provided E.g. July 8, 2008 is recorded as "20080708"	8	
2	Code	Code	Index code for stock price index (See Attachment 2. for details)	4	
3	Name	Name	English name of the stock price index	140	
4	Closing_Price	Closing Price	Day's closing value for the stock price index (Unit: Points)	17	
5	Points_Change	Points Change	Comparison of the day's closing index value with that of the previous business day (Unit: Points)  * 0.00 is set on new indices start date	17	
6	CMV	CMV	End-of-day Current Market Value (CMV) for the relevant stock index (Unit: Yen)  * Always set to 0.0000000 for:  TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index, TOPIX Double Inverse (-2x) Index, JPX-Nikkei 400 Leveraged Index, JPX-Nikkei 400 Inverse Index, JPX-Nikkei 400 Double Inverse Index, Tokyo Stock Exchange REIT Inverse (-1x) Index,	29	Modified/Adjusted CMV is set for:  Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b>

No.	Field Item Name	English Item Name	Description	Len	Remarks
			Tokyo Stock Exchange REIT Leveraged (2x) Index, Tokyo Stock Exchange REIT Double Inverse (-2x) Index.		
7	No_of_Constituents	No. of Constituents	<p>Number of constituents used in calculating the stock price index</p> <p>* Set to 0 for:</p> <p>TOPIX Leveraged (2x) Index, TOPIX Inverse (-1x) Index, TOPIX Double Inverse (-2x) Index, JPX-Nikkei 400 Leveraged Index, JPX-Nikkei 400 Inverse Index, JPX-Nikkei 400 Double Inverse Index, Tokyo Stock Exchange REIT Inverse (-1x) Index, Tokyo Stock Exchange REIT Leveraged (2x) Index, Tokyo Stock Exchange REIT Double Inverse (-2x) Index.</p>	6	

## 3.6.2 Price Return Index (Calculation Data)

No	Field Item Name	English Item Name	Description	Len	Remarks
1	Date	Date	Effective date of the provided data (business day following the data provision date) E.g. If data was provided on July 8, 2008, then it is recorded as "20080709"	8	
2	Code	Code	Index code for stock price index (See Attachment 2. for details)	4	
3	Name	Name	English name of the stock index	140	
4	BMV_New	BMV (New)	Base market value (BMV) of the stock price index (as of the effective date of the data) (Units: Yen)	30	
5	BMV_Old	BMV (Old)	BMV of the stock price index (as of the business day prior to the effective date). (Units: Yen)  * Set to NULL if no data exists as of the previous business day.	30	
6	CMV_Previous	CMV (Previous)	CMV for the relevant stock price index (as of the business day prior to the effective date) (Units: Yen).  * Set to NULL if no data exists as of the previous business day.	29	Modified/Adjusted CMV is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b>
7	Adjustment_in_Market_Value	Adjustment in Market Value	Amount of adjustment in current market value for any reason not related to dividends (ex. Public Offering). (Units: Yen)	26	Amount of adjustment in Modified/Adjusted CMV is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector

No	Field Item Name	English Item Name	Description	Len	Remarks
					Focus Index Series and TOPIX High Dividend Growth Index
8	Shares_after_Trading_Unit_Adjustment	Shares after Trading Unit Adjustment	For each constituent stock of the relevant index, total number of shares, converted into Trading Units, of the applicable constituents' number of shares, reflecting the free-float weight.(Units: Shares) *Always set to "0.00000" for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and TOPIX High Dividend Growth Index.	27	

**3.6.3 Total Return Index (Close)**

No.	Field Item Name	English Item Name	Description	Len	Remarks
1	Date	Date	Date when corresponding data is provided. E.g. July 8, 2008 is recorded as "20080708"	8	
2	Code	Code	Index code for stock price index (See Attachment 2. for details)	4	
3	Name	Name	English name of the stock price index	140	
4	Closing_Price	Closing Price	Day's closing value for stock price index (Units: Points)	17	
5	ROI_from_prev_month	ROI (from prev. month)	Comparison of day's closing index value with that of the last business day at previous month's end (Ratio) Set to NULL if no data exists at the previous month's end.	17	
6	ROI_3_mo	ROI (3 mo.)	Comparison of day's closing index value (Ratio) with that of the last business day at month's end of 3 months prior to the "Date" (in No.1). Set to NULL if no data exists on the last business day of the month 3 months prior to the "Date".	17	
7	ROI_6_mo	ROI (6 mo.)	Comparison of day's closing index value (Ratio) with that of the last business day at month's end of 6 months prior to the "Date" (in No.1). Set to NULL if no data exists on the last business day of the month 6 months prior to the "Date".	17	
8	ROI_12_mo	ROI (12 mo.)	Comparison of day's closing index value (Ratio) with that of the last business day at month's end of 12 months prior to the "Date" (in No.1). Set to NULL if no data exists on the last business day of the month 12 months prior to the "Date".	17	
9	CMV	CMV	End-of-day CMV for the relevant stock index (Units: Yen)	29	Modified/Adjusted CMV is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector

No.	Field Item Name	English Item Name	Description	Len	Remarks
					Focus Index Series and <b>TOPIX High Dividend Growth Index</b>
10	No_of_Constituents	No. of Constituents	Number of constituents used in calculating the stock price index.	6	

**3.6.4 Total Return Index (Calculation Data)**

No.	Field Item Name	English Item Name	Description	Len	Remarks
1	Date	Date	Effective date of the provided data (business day following the data provision date). E.g. If data was provided on July 8, 2008, then it is recorded as "20080709"	8	
2	Code	Code	Index code for stock price index (See Attachment 2. for details)	4	
3	Name	Name	English name of the stock price index	140	
4	BMV_New	BMV (New)	BMV of the stock price index (as of the effective date of the data) (Units: Yen)	30	
5	BMV_Old	BMV (Old)	BMV of the stock price index (as of the business day prior to the effective date) (Units: Yen) * Set to NULL if no data exists as of the previous business day.	30	
6	CMV_Previous	CMV (Previous)	CMV for the relevant stock price index (as of the business day prior to the effective date) (Units: Yen) * Set to NULL if no data exists as of the previous business day.	29	Modified/Adjusted CMV is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b>

No.	Field Item Name	English Item Name	Description	Len	Remarks
7	Adjustment_in_Market_Value	Adjustment in Market Value	Amount of adjustment in CMV for any reason not related to dividends (ex. Public offering). (Units: Yen)	26	Amount of adjustment in Modified/Adjusted CMV is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b>
8	Aggregate_Dividend_Amount	Aggregate Dividend Amount for Index	Sum of {product of the estimated dividend for constituent shares and the number of shares for index calculation as of the business day prior to the ex-dividend date} and {the total amount for final dividend adjustment} for the stock price index. (Units: Yen) * Total amount for final dividend adjustment is calculated as follows. Total dividend amount reported in the “Earnings Digest” – Total estimated dividend amount	26	



**3.6.5 Change in Constituents' Level Data (Forecast)**

No.	Field Item Name	English Item Name	Description	Len	Remarks
1	Status_Code	Status Code	Indicates the record status. 1: New 2: Revision 3: Deletion	1	
2	Status	Status	"New" (1), "Revision" (2), "Deletion" (3)	140	
3	Announcement_Date	Announcement Date	Date when the data is announced E.g. July 8, 2008 is recorded as "20080708"	8	
4	Publication_Date_on_Syoho	Publication Date on Syoho	Date when the information is published in "Syoho" E.g. July 8, 2008 is recorded as "20080708"	8	
5	Local_Code	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. It consists of a 9-digit code made up of: <ul style="list-style-type: none"> <li>a 4-digit single-byte space,</li> <li>a 4-digit unique name code defined by the Securities Code Council, and</li> <li>a 1-digit reserve code.</li> </ul>	9	
6	Name	Name	English name for the constituent	240	
7	ISIN	ISIN	ISIN code for the constituents	12	
8	Index_Classification_Code_as_of_Announcement	Index Classification Code (as of Announcement)	Indicates the market segment (as of Announcement) 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, set to 0109. As preferred equity contribution securities, etc. are not assigned a specific market segment, the market segment shown is one established for convenience in index calculation. (See Attachment 2 for possible values for each index constituent)	4	
9	Index_Classification_as_of_Announcement	Index Classification (as of Announcement)	Corresponding English name for the index classification code (as of the date of record) noted in No. 8 above	120	

No.	Field Item Name	English Item Name	Description	Len	Remarks
10	Effective_Date	Effective Date	Effective date of the data E.g. July 8, 2008 is recorded as "20080708"	8	
11	Event_Code	Event Code	Indicates the Event Code. (See Appendix 3 for details)	2	
12	Event_Type	Event Type	Corresponding English name for the event code noted in No. 11 above	140	
13	Ratio1	Ratio1	Indicates the allocation ratio (base). (in the case of stock split) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (base): 1.0000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (base): 1.0000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (base): 10.0000	11	
14	Ratio2	Ratio2	Indicates the Allocation ratio (allocation ratio) (In the case of stock split) Set as follows when 1 share is being split into 1.1 shares: Allocation ratio (allocation ratio): 1.1000 (In the case of rights issue) Set as follows when allocating additional 0.1 shares to each 1 share in possession to make 1.1 shares: Allocation ratio (allocation ratio): 0.1000 (In the case of consolidation) Set as follows when reverse splitting 10 shares into 1: Allocation ratio (allocation ratio): 1.0000	11	
15	Paid_Amount	Paid Amount	Indicates the issue price per share.	26	
16	Change_in_No_of_Shares	Change in No. of Shares	Indicates a change in number shown in "No. 34. Number of Shares (as of Effective Date)" due to occurrence of an event. (Units: Shares) In the case of a drop or decrease in number, the figure becomes a negative value, and thus a "-" is added.	27	
17	Index_Classification_Code_as_of_Effective	Index Classification	Indicates the market segment (as of Effective Date) 0109: REIT	4	

No.	Field Item Name	English Item Name	Description	Len	Remarks
	_Date	Code (as of Effective Date)	0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, set to 0109. As preferred equity contribution securities, etc. are not assigned a specific market segment, the market segment shown is one established for convenience in index calculation. Set to NULL if Event Type is "Deletion." (See Attachment 2 for possible values for each index constituent)		
18	Index_Classification_as_of_Effective_Date	Index Classification (as of Effective Date)	Corresponding English name for the index classification code noted in 17 above.	120	
19	New_Sector_Code	New Sector Code	In the case of "Addition" or "Change in Sector," indicates the sector code after such change. Otherwise, set to NULL. (See Attachment 2 for details)	4	
20	New_Sector	New Sector	Corresponding English name for the new sector code noted in No. 19 above. (Sector classification code name)	140	
21	New_Size_Code_New_Index_Series	New Size Code (New Index Series)	If there is "a change in the size code 2," this indicates the constituent size code 2 as of the effective date. Otherwise, set to NULL. (See Attachment 2 for details)	1	
22	New_Size_New_Index_Series	New Size (New Index Series)	Corresponding English name for new size code 2 noted in No. 21 above.	140	
23	Prev_Announcement	Prev. Announcement	Date when the previous data (prior to such revision) was recorded	8	
24	Reserved_Field	Reserved Field	Set to NULL	20	
25	New_FFW	New FFW	In the case of "Change in FFW" or "Addition," indicates the free-float weight or Adjustment Factor applied to each index (after change) as of the effective date. Otherwise, set to NULL.	12	Code(1)+Integer(5)+Decimal Point(1)+Fraction(5)  * Code will set only when it is "-" (negative sign).

No.	Field Item Name	English Item Name	Description	Len	Remarks
26	Previous_FFW	Previous FFW	Indicates the free-float weight or Adjustment Factor (prior to change). If no change in the free-float weight or Adjustment Factor, set to NULL.	12	
27	Trading_Unit	New Trading Unit	In the case of "Addition" or "Change in Unit," indicates the trading unit size after the change. (Units: Shares).	8	
28	Trading_Unit_Before_Change	Previous Trading Unit	In the case of "Change in Unit," indicates the trading unit size prior to any change in the trading unit. (Units: Shares)	8	
29	Previous_Sector_Code	Previous Sector Code	In the case of change in sector, indicates the sector code prior to any change. (See Attachment 2 for details)	4	
30	Previous_Sector	Previous Sector	Corresponding English name for the previous sector code noted in No. 29 above.	140	
31	Previous_Size_Code_New_Index_Series	Previous Size Code 2 (New Index Series)	Indicates the size code 2 prior to change. If no change in size code 2, then set to NULL. (See Attachment 2 for details)	1	
32	Previous_Size_New_Index_Series	Previous Size Code 2 Classification (New Index Series)	Corresponding English name for the size code 2 noted in No. 31 above	140	
33	Change_in_No_of_Shares_before_FFW	Change in No. of Shares for Index before FFW	Indicates the change in the number for "No. 35. Number of Shares for Index before FFW (as of Effective Date)" due to occurrence of an event. (Units: Shares) In the case of a drop or decrease, the figure becomes a negative value, and thus a "-" is added.	27	
34	Number_of_Shares_as_of_Effective_Date	Number of Shares for Index (as of Effective Date)	Product of "No. 35. Number of Shares for Index before FFW (as of Effective Date)" and new FFW or Adjustment Factor (as of Effective Date). Number of Shares for Index shall reflect all events taking place by that date. (Units: Shares)	27	Because this is calculated based on change data already issued as of the day the data was provided, this is subject to change if subsequent events should occur on a later date.
35	Number_of_Shares_before_FFW_as_of_Effective_Date	Number of Shares for Index before FFW (as of Effective Date)	Number of shares used for index calculation in Market Sector Indices as of the effective date. It shall reflect all events taking place by that date. (Units: Shares)	27	

## 3.6.6 Index Constituents Master

No.	Field Item Name	English Item Name	Description	Len	Remarks
1	Date	Date	Effective date of the data	8	
2	Local_Code	Local Code	Unique identifying code for each constituent, as set by the Securities Identification Code Committee. It consists of a 9-digit code made up of: <ul style="list-style-type: none"> <li>• a 4-digit single-byte space,</li> <li>• a 4-digit unique name code defined by the Securities Code Council, and</li> <li>• a 1-digit reserve code.</li> </ul>	9	
3	Name	Name	English name for the constituent	240	
4	ISIN	ISIN	ISIN code for the constituent	12	
5	Index_Classification_Code	Index Classification Code	Indicates the market segment 0109: REIT 0111: Prime 0112: Standard 0113: Growth In the case of REIT or Infrastructure Funds, set to 0109. As preferred equity contribution securities, etc. are not assigned a specific market segment, the market segment shown is one established for convenience in index calculation. (See Attachment 2 for possible values for each index constituent)	4	
6	Index_Classification	Index Classification	Corresponding English name for the index classification code noted in No. 5 above.	120	
7	Sector_Code	Sector Code	Sector classification set if a constituent is a component of TOPIX Sector Indices (See Attachment 2 for details)	4	
8	Sector	Sector	Corresponding English name for the sector code in No. 7 above	140	

No.	Field Item Name	English Item Name	Description	Len	Remarks
9	Size_Code_TOPIX	Size Code 1 (TOPIX)	The size code 1 classification set if a constituent is a component of Size-based TOPIX indices (See Attachment 2 for details)	1	
10	Size_TOPIX	Size Code 1 Classification (TOPIX)	Corresponding English name for the size code 1 in No. 9 above.	140	
11	Size_Code_New_Index_Series	Size 2 Code (New Index Series)	The size code 2 classification set if a constituent is a component of a new index series. (See Attachment 2 for details)	1	
12	Size_New_Index_Series	Size 2 (New Index Series)	Corresponding English name for the size code 2 in No. 11 above.	140	
13	Close_for_Indexes_Calculation	Close for Indexes Calculation	Closing or other applicable price used for index calculation on the effective date. As closing price used for index calculation as of the specified future date, NULL is always set in this column.	20	
14	No_of_Shares	No. of Shares for Index	Indicates the number of shares for index calculation based on the free-float weight (FFW). (Units: Shares). Product of No. 21 "No. of Shares before FFW" and No. 20 "FFW" (Units: Shares). * In the case of the following indices, set to the product of 10,000 and FFW (adjustment factor) <ul style="list-style-type: none"> <li>• Tokyo Stock Exchange Growth Market Core Index</li> <li>• Tokyo Stock Exchange Standard Market TOP20 Index</li> <li>• Tokyo Stock Exchange REIT Core Index</li> <li>• Tokyo Stock Exchange REIT Logistics Focus Index</li> <li>• Tokyo Stock Exchange REIT Office Focus Index</li> <li>• Tokyo Stock Exchange REIT Residential Focus Index</li> <li>• Tokyo Stock Exchange REIT Hotel &amp; Retail Focus Index</li> <li>• TOPIX High Dividend Growth Index</li> </ul>	27	
15	Dividend_Amount	Dividend Amount for Index	Adjustment amount by Forecast dividend per share relating to ex-dividend and final dividend adjustment per share (Units: Yen) If no dividend, set to NULL.  * Final dividend adjustment per share is calculated as follows.	26	These data are used for calculation of total return index.

No.	Field Item Name	English Item Name	Description	Len	Remarks
			Dividend per share reported in the “Earnings Digest” – Estimated dividend per share		
16	Aggregate_Dividend_Amount	Aggregate Dividend Amount for Index	<p>Sum of {product of the forecast dividend per share relating to the ex-dividend and the number of constituent shares as of the business day prior to the ex-dividend date} and {total amount for final dividend adjustment} . (Units: Yen). If no dividend, then set to NULL.</p> <p>* Total amount for final dividend adjustment is calculated as follows. Total dividend amount reported in the “Earnings Digest” – Total estimated dividend amount</p> <p>* The product of the forecast dividend per share relating to the ex-dividend, 10,000, and FFW (adjustment factor) is set for: Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b></p>	26	
17	Change_in_No_of_Shares	Change in No. of Shares	Number of constituent shares in No. 14 above less the number of constituent shares as of the date preceding the date in No. 1 above.	27	
18	CMV	CMV	<p>CMV for the constituent as of the effective date (Unit: Yen).</p> <p>As CMV as of the specified future date, NULL is always set in this column.</p>	29	<p>Modified/Adjusted CMV is set for:</p> <p>Tokyo Stock Exchange REIT Core Index, Tokyo Stock Exchange Growth Market Core Index, Tokyo Stock Exchange Standard Market TOP20 Index, Tokyo Stock Exchange REIT Sector Focus Index Series and <b>TOPIX High Dividend Growth Index</b></p>

No.	Field Item Name	English Item Name	Description	Len	Remarks
19	Trading_Unit	Trading Unit	Indicates the trading unit of the constituent.	8	
20	FFW	FFW	Indicates the free-float weight or Adjustment Factor applied to each index.	12	Code(1)+Integer(5)+Decimal Point(1)+Fraction(5) * Code will set only when it is “-” (negative sign).
21	No_of_Shares_before_FFW	No. of Shares before FFW	Number of shares used for index calculation in Market Sector Indices as of the effective date of the data. (Units: Shares)	27	
22	Calculation_Base_Price	Calculation Base Price	The first price to be used in calculating the index when the price of the constituent has not changed (due to contract terms or special market conditions) in the time prior to the timing of the initial index calculation on the effective date of the data. If the date is later than the business day following the data update date, set to NULL. (Unit: Yen).	20	

### 3.6.7 Last Update Control

Displays the update timestamp for each View that either matches the VIEW\_NAME exactly or begins with the VIEW\_NAME string.

No.	Field Item Name	English Item Name	Description	Len	Sample Data
1	VIEW_NAME	View Name	The name of the relevant View	60	JP_MASTEROFINDEX_TYPEB
2	TABLE_NAME	Table Name	The name of the table from which the View was created.	40	V_KM_SS_KS_VIEW_EN
3	LAST_UPDATE	Last Update	The last time an update process was performed	9	2025-09-04T15:42:19.814+0000

For the correspondence between each view and the view name used in the Last Update Control, please refer to Attachment 1. (Last Update Control View Mapping Table).

## 4. Operation in Case of System Failure

When failure occurs in the system, users will be notified by email.

Please refer to “JPX Market Innovation & Research - Specification for the Data Service on Snowflake” for details.



## 5. Contact

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## Appendix 1 (Notes on “Status Code” and “Index Classification Code” in Constituents’ Level Data (Forecast))

## (1) Notes on “Status Code”

- Below is an example of how the “Status Code” is assigned or modified (including revision and deletion data).
- To link revised or deleted data with the original records, you can use Publication Date on Syoho, Local Code, Effective Date and Event Code. For the “Change in Constituents’ Level Data (Forecast)” data corresponding to Market Sector Indices, please also use the Index Classification Code (as of Announcement) and the Index Classification Code (as of Effective Date).
- To uniquely identify records in the data, please use the following fields:  
Status Code, Publication Date on Syoho, Local Code, Index Classification Code (as of Announcement), Effective Date, Event Code, and Index Classification Code (as of Effective Date).

The below was sent as new data on June 1, 2022.

Status Code	Status	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
1	New	20220601	20220601	99990	0111	20220630	06	Third Parties Placement	500000	0111

## 1.Revision (revised data sent when the “Change in No. of Shares” for the previously transmitted data was corrected the following day from 500,000 to 750,000)

Status Code	Status	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
<b>2</b>	<b>Revised</b>	<b>20220602</b>	20220601	99990	0111	20220630	06	Third Parties Placement	<b>750000</b>	0111

Change in No. of Shares has been revised to “750000,” and Status Code is set as “2.” Sending date is set in the Announcement Date field. Information in bold italics differs from the prior record.

## 2. Deletion (deleted data sent when the previously transmitted data was deleted the following day)

Status Code	Status	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)
<b>3</b>	<b>D.Date</b>	<b>20220603</b>	20220601	99990	0111	20220630	06	Third Parties Placement	<b>NULL</b>	0111

Status Code is set as “3.” Sending date is set in the Announcement Date field. Information in bold italics differs from that prior to data being deleted.

(2) Notes on “Index Classification Code”

- Below is an example of how the “Index Classification Code” is assigned or modified.
- For the “Change in Constituents’ Level Data (Forecast)” data corresponding to Market Sector Indices, the records of the constituents in Prime, Standard, and Growth indices are delivered together.  
To determine which index each record pertains to, please use Index Classification Code (as of Announcement) and Index Classification Code (as of Effective Date).

Example: Deleted from Growth Index and Added into Prime Index and TOPIX

(“Change in Constituents’ Level Data (Forecast)” corresponding to Market Sector Indices)

Status Code	Status	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)	New Sector Code	New Sector Classification
1	New	20220601	20220601	99990	<b>NULL</b>	20220607	00	Addition	500000	<b>0111</b>	8050	Real Estate
1	New	20220601	20220601	99990	<b>0113</b>	20220607	19	Deletion	NULL	<b>NULL</b>	NULL	NULL

(“Change in Constituents’ Level Data (Forecast)” corresponding to Market Sector Indices)

Status Code	Status	Announcement Date	Publication Date on Syoho	Local Code	Index Classification Code (as of Announcement)	Effective Date	Event Code	Event Type	Change in No. of Shares	Index Classification Code (as of Effective Date)	New Sector Code	New Sector Classification
1	New	20220707	20220707	99990	<b>NULL</b>	20220729	00	Addition	500000	<b>0111</b>	8050	Real Estate

\* Index Classification Code (as of Announcement) and Index Classification Code (as of Effective Date) shown in bold italics above have been modified.

## Appendix 2 (Formatting of Numerical Data)

LEN values for numerical data (excluding codes and dates) include the sign and decimal point.  
Unless otherwise noted in the Remarks column, the display format for each data item is as follows.

Item No.	LEN	Display Format	Content	Remarks
1	5	sN.NN	Code (1) +Integer (1) + Decimal Point (1) + Fraction (2)	
2	6	sNNNNN	Code (1) +Integer (5)	
3	8	sNNNNNNN	Code (1) +Integer (7)	
4	11	sNNNNN.NNNN	Code (1) +Integer (5) + Decimal Point (1) + Fraction (4)	
5	16	sNNNNNNNNNNNN.NN	Code (1) +Integer (12) + Decimal Point (1) + Fraction (2)	
6	17	sNNNNNNNNNNNN.NN	Code (1) +Integer (13) + Decimal Point (1) + Fraction (2)	
7	20	sNNNNNNNNNNNN.NNNN	Code (1) +Integer (14) + Decimal Point (1) + Fraction (4)	
8	26	sNNNNNNNNNNNNNNNNNN.NNNN	Code (1) +Integer (20) + Decimal Point (1) + Fraction (4)	
9	27	sNNNNNNNNNNNNNNNNNN.NNNNN	Code (1) +Integer (20) + Decimal Point (1) + Fraction (5)	
10	29	sNNNNNNNNNNNNNNNNNN.NNNNNNN	Code (1) +Integer (20) + Decimal Point (1) + Fraction (7)	
11	30	sNNNNNNNNNNNNNNNNNN.NNNNNNNN	Code (1) +Integer (20) + Decimal Point (1) + Fraction (8)	

s : Indicates Code. Will display only when “-.”

N : Indicates numerical data.

## Appendix 3 (Event Code Table)

Event Code Table

No	Event Code	Description	No	Event Code	Description	No	Event Code	Description
1	00	Addition	8	16	Exercise of Warrants	15	B1	Bonus Issue
2	02	Public Offering	9	18	Conversion of Preferred Stock	16	C1	Change in Sector
3	05	Rights Issue	10	19	Deletion	17	C2	Change in Trading Section
4	06	Third Parties Placement	11	30	Change in Unit	18	J1	Cancellation of Company's Own Shares
5	08	Conversion of CB	12	90	Other Adjustment	19	SK	Change in Size Code 2
6	14	Merger	13	95	Exercise of Stock Option	20	FR	Change in FFW
7	15	Consolidation	14	96	Company Split			

**Record of Changes**

No.	Version	Date	Pages	Changes
1	1.0	10/14/2025		Initial Publication
2	1.1	1/23/2026	3	<p>3. 2 Overview of Files to be provided No.5 Change in Constituents' Level Data (Forecast)</p> <p>Add the following index in Included Indices. "JPX Start-Up Acceleration 100 Index" "TOPIX High Dividend Growth Index"</p>
			7 9,10 12 13,14 20,21	<p>Notes for TOPIX High Dividend Growth Index are added in below.</p> <p>3.6.1 Price Return Index (Close) No.6 Included Indices 3.6.2 Price Return Index (Calculation Data) No.6-7 Included Indices 3.6.2 Price Return Index (Calculation Data) No.8 Description 3.6.3 Total Return Index (Close) No.9 Included Indices 3.6.4 Total Return Index (Calculation Data) No.6-7 Included Indices 3.6.6 Index Constituents Master No.14-16 Description 3.6.6 Index Constituents Master No.18 Included Indices</p>
			Attachment1_Last Update Control View Mapping Table	<p>Add the following views to the VIEW LIST.</p> <ul style="list-style-type: none"> <li>• CHANGEINCONSTITUENTSLEVELDATA_NEWINFO_SUMMARY_0504</li> <li>• CHANGEINCONSTITUENTSLEVELDATA_NEWINFO_SUMMARY_A824</li> <li>• JP_CHANGEINCONSTITUENTSLEVELDATA_NEWINFO_SUMMARY_0504</li> <li>• JP_CHANGEINCONSTITUENTSLEVELDATA_NEWINFO_SUMMARY_A824</li> <li>• JP_MASTEROFINDEX_TYPEB_0504</li> <li>• JP_MASTEROFINDEX_TYPEB_A824</li> <li>• MASTEROFINDEX_TYPEB_0504</li> <li>• MASTEROFINDEX_TYPEB_A824</li> </ul>
			Attachment2_Inde x Type Table	<p>Add No.94 "TOPIX 100 Net Total Return Index", No.108 "JPX Start-Up Acceleration 100 Index" and No.115 "TOPIX High Dividend Growth Index" in Index Table.</p> <p>The section No. are revised along with the above addition.</p>