

# **Index Methodology Guide for the FactSet Japan Tech Top 20 Index™**

Version 1.3 – October 8, 2025

## Table of Contents

|   |    |
|---|----|
| Index Methodology Guide for the FactSet Japan Tech Top 20 Index <sup>TM</sup> ..... | 1  |
| Table of Contents.....  | 2  |
| Index Introduction and Objective.....   | 3  |
| Index Construction .....  | 4  |
| Index Maintenance .....   | 12 |
| Index Calculation and Data Correction .....   | 13 |
| Additional Information.....   | 13 |

# Index Introduction and Objective

## 1.1 Index Overview

The FactSet Japan Tech Top 20 Index is an equity benchmark designed to track the performance of large market capitalization Japanese companies that are involved in providing products and services related to robotics and automation, cloud, content applications and platforms, e-commerce, and semiconductors.

The FactSet Japan Tech Top 20 Index is a float-adjusted, modified market capitalization weighted index. The index is reconstituted and rebalanced semi-annually.

The FactSet Japan Tech Top 20 Index is calculated and maintained by Solactive AG based on a methodology developed by FactSet. It is calculated on a price, total and net total return basis in Japanese Yen (JPY). The index is calculated continuously, and on an end-of-day basis, from Monday to Friday from 1:00 a.m. to 10:50 p.m. CET (Central European Time). Index values are distributed via various data channels and market data vendors, including the price marketing services of Boerse Stuttgart AG. End-of-day price and total return values of the index may also be obtained from FactSet upon request.

Whenever possible, constituent changes to the index are announced five business days before becoming effective.

## 1.2 Inception Date and Base Value

The Index Inception Date was February 10, 2017 with a base value of 1000.00. The inception date refers to when the first back-tested index value was calculated. The back test is based on a similar methodology used to calculate the index when it was officially launched on May 6, 2022.

## 1.3 Index Valuation Days

Index Valuation Days are business days, Monday to Friday where the Tokyo Stock Exchange is opened for trading.

## 1.4 Commencement Date

The index commencement date was May 6, 2022. Commencement date refers to when the index was officially launched with continuous and end-of-day calculations.

## 1.5 Reconstitution and Rebalance Schedule

The index is reconstituted and rebalanced semi-annually after the close of the second Friday in February and August each year ("Reconstitution Day").

If any of the existing or new index components is not trading on Reconstitution Day/Rebalance Day due to an exchange holiday, the reconstitution/rebalance is moved to the next Japan business day.

The data used to reconstitute and rebalance the index is as of the close of last business day of January and July ("Selection Day"). Subsequent adjustment to the index composition may be made to account

for corporate actions that occur between the Selection Day and the Reconstitution Day or Rebalance Day.

## Index Construction

### 2.1 Constituent Selection and Weighting Schema

1. Select all common stocks primarily listed in Tokyo Stock Exchange.
2. Select securities with market capitalization at least JPY 100 Billion and a minimum three-month Average Daily Trading Value (ADTV) of JPY 200 Million.
3. Securities with negative 5-year Average EBITDA Margin and negative 5-year Average ROE are excluded.
4. Select securities which are classified to one of the 206 RBICS Focus sub-industries as defined by FactSet's Revere Business Industry Classification System (RBICS). RBICS Focus sub-industries are grouped into Automation (Robotics), Cloud, Contents/ Platforms, E-Commerce, Hardware and Electronics, and Semiconductor categories.

| RBICS ID     | RBICS Name   | Category              |
|--------------|--|-----------------------|
| 401020151510 | 3D Modeling/Rapid Prototyping Automation Providers | Automation (Robotics) |
| 202010151020 | Alternative Energy Car Manufacturers               | Automation (Robotics) |
| 202010101010 | Auto Exterior Comfort/Safety/Electronics Products  | Automation (Robotics) |
| 202010101015 | Auto Interior Comfort/Safety/Electronics Products  | Automation (Robotics) |
| 551525151010 | Automotive and Marine Electronics Manufacturing    | Automation (Robotics) |
| 401025101515 | Autonomous Commercial/Transit Vehicle Production   | Automation (Robotics) |
| 401025102015 | Autonomous Control Truck Production                | Automation (Robotics) |
| 502010151010 | Consumer Batteries Manufacturing                   | Automation (Robotics) |
| 401015101545 | Electric Vehicle Batteries Manufacturing           | Automation (Robotics) |
| 201515351010 | Electric Vehicle Charging Stations                 | Automation (Robotics) |
| 401020152510 | General Factory Automation Makers                  | Automation (Robotics) |
| 551515301510 | Global Positioning Systems (GPS) Manufacturing     | Automation (Robotics) |
| 502010154010 | Household Robot Makers                             | Automation (Robotics) |
| 401020151010 | Industrial Robots and Robotic Assembly Line Makers | Automation (Robotics) |
| 451020303015 | Lithium Compounds Manufacturing                    | Automation (Robotics) |
| 401020202010 | Machine Vision and Quality Control Manufacturing   | Automation (Robotics) |
| 401020151015 | Material Handling/Conveyor Equipment Manufacturing | Automation (Robotics) |
| 401015101520 | Mixed Heavy-Duty and High-End Batteries Makers     | Automation (Robotics) |
| 401020202510 | Monitoring and Control Sensor/Instrument Products  | Automation (Robotics) |
| 401015101020 | Motion Control and Precision Motors Manufacturing  | Automation (Robotics) |
| 401020151525 | Multi-Industry-Specific Factory Machinery Makers   | Automation (Robotics) |
| 552015301010 | Multiple Industry-Specific Software                | Automation (Robotics) |
| 202010151010 | Multi-Type Car Manufacturers                       | Automation (Robotics) |
| 401020152515 | Other Automation Support Product Manufacturing     | Automation (Robotics) |
| 401015101025 | Mixed Electric Motors and Motion Control Products  | Automation (Robotics) |
| 352015102020 | Surgical Robotic Systems                           | Automation (Robotics) |
| 201510102020 | Vehicle Autonomous Control Software                | Automation (Robotics) |

|              |   |                       |
|--------------|---|-----------------------|
| 401025102025 | Alt. Energy Autonomous Heavy Duty Truck Makers    | Automation (Robotics) |
| 401025101525 | Alt. Energy Autonomous Transit Vehicle Production | Automation (Robotics) |
| 401025101535 | Conventional Autonomous Transit Vehicles Makers   | Automation (Robotics) |
| 401025102035 | Conventional Engine Autonomous Truck Makers       | Automation (Robotics) |
| 202010101025 | Vehicle Autonomous Control Electronics Makers     | Automation (Robotics) |
| 101010151035 | 3D Printing Services                              | Automation (Robotics) |
| 401020151545 | Battery Production Equipment Manufacturing        | Automation (Robotics) |
| 401020151550 | Photovoltaic Production Equipment Manufacturing   | Automation (Robotics) |
| 552015151510 | Business Intelligence Software                    | Cloud                 |
| 552010201010 | Colocation and Data Center Services               | Cloud                 |
| 551515351510 | Customer Premises Network Security Equipment      | Cloud                 |
| 552015351510 | Data Storage Infrastructure Software              | Cloud                 |
| 552015152515 | Diversified Customer Relationship Software        | Cloud                 |
| 552015153015 | Diversified Enterprise Resource Planning Software | Cloud                 |
| 552015352010 | Diversified IT Infrastructure Software            | Cloud                 |
| 552015152015 | Document Management Software                      | Cloud                 |
| 552015153020 | Financial and Compliance ERP Software             | Cloud                 |
| 552015401010 | General and Mixed-Type Software                   | Cloud                 |
| 552015153510 | General Enterprise Management Software            | Cloud                 |
| 552020201025 | General Information Technology (IT) Consulting    | Cloud                 |
| 552020251510 | General Infrastructure and Network Consulting     | Cloud                 |
| 601010251010 | General United States Telecommunications Services | Cloud                 |
| 552015153025 | Human Resources ERP Software                      | Cloud                 |
| 302520151025 | Industrial and Warehouse Equity REITs             | Cloud                 |
| 552010201510 | Managed Hosting Services                          | Cloud                 |
| 552020201030 | Multi-Tactic Enterprise Solutions Consulting      | Cloud                 |
| 601015103010 | Multi-Type United States Wireless Services        | Cloud                 |
| 552015353010 | Network Administration Software                   | Cloud                 |
| 552015353015 | Network Security Access Policy Software           | Cloud                 |
| 552015353020 | Network Security Software                         | Cloud                 |
| 552010202010 | Diversified Hosting Services                      | Cloud                 |
| 552015353025 | Other Network Software                            | Cloud                 |
| 551515353010 | Other Wide Area Networking (WAN) Equipment        | Cloud                 |
| 552015253010 | Productivity Software                             | Cloud                 |
| 552015102520 | Software Development Software                     | Cloud                 |
| 302520151065 | Data Center Equity REITs                          | Cloud                 |
| 552015152020 | E-Signature Software                              | Cloud                 |
| 552015253015 | Artificial Intelligence Productivity Software     | Cloud                 |
| 552010151010 | Diversified Electronic Media and Sites            | Contents/Platforms    |
| 552010101020 | Education Information and News Media and Sites    | Contents/ Platforms   |
| 552015251010 | Educational Software                              | Contents/ Platforms   |
| 552010301010 | Execution and Quote Platforms Services            | Contents/ Platforms   |
| 552010101025 | Finance Information and News Media and Sites      | Contents/ Platforms   |
| 552010301015 | Financial Reference Data Content Providers/Sites  | Contents/ Platforms   |
| 552010351020 | General Consumer Content Providers                | Contents/ Platforms   |
| 552010351025 | General Entertainment Content Providers and Sites | Contents/ Platforms   |
| 552010101030 | General Information and News Media and Sites      | Contents/ Platforms   |

|              |  |                          |
|--------------|--|--------------------------|
| 552010301020 | General Professional Content Providers and Sites   | Contents/ Platforms      |
| 552010301025 | Institutional Financial and Research Content Sites | Contents/ Platforms      |
| 552010351030 | Media Download and Streaming Digital Content Sites | Contents/ Platforms      |
| 552015251510 | Mobile Platform Applications Software              | Contents/ Platforms      |
| 552010301030 | Multi-Type Financial Data Content Providers/Sites  | Contents/ Platforms      |
| 552010351510 | Web Navigation Sites and Software                  | Contents/ Platforms      |
| 552010351515 | Web Portal Sites and Software                      | Contents/ Platforms      |
| 552010351520 | Web Search Sites and Software                      | Contents/ Platforms      |
| 552010101010 | Automotive Classifieds and Directories Media/Sites | Contents/Platforms       |
| 552010101015 | Career Classifieds and Directories Media and Sites | Contents/Platforms       |
| 552010351015 | Communication and Collaboration Content Sites      | Contents/Platforms       |
| 303010153030 | Cryptocurrency Trading and Exchanges               | Contents/Platforms       |
| 551525301010 | Electronic Gaming/Entertainment Electronics Makers | Contents/Platforms       |
| 552015102515 | Multimedia Design and Engineering Software         | Contents/Platforms       |
| 552015202010 | Online Game Websites and Software                  | Contents/Platforms       |
| 552010101035 | Other Classifieds and Directories Media and Sites  | Contents/Platforms       |
| 552015202510 | Multi-Type Games Software                          | Contents/Platforms       |
| 552010101040 | Real Estate Classifieds and Directories Sites      | Contents/Platforms       |
| 551515453010 | Smart Phone Manufacturing                          | Contents/Platforms       |
| 101015101040 | Staffing Services                                  | Contents/Platforms       |
| 151010303010 | Peer-to-Peer Lodging                               | Contents/Platforms       |
| 552010251015 | E-Commerce Service Providers                       | E-Commerce               |
| 303010153015 | Electronic Payment Processing                      | E-commerce               |
| 202510101015 | Internet Accessories Retail                        | E-Commerce               |
| 202510201530 | Internet Apparel Retail                            | E-Commerce               |
| 201510201525 | Internet Automotive Parts Sales                    | E-Commerce               |
| 202520101520 | Internet Building Materials / Garden Supply Retail | E-Commerce               |
| 501015103010 | Internet Department Stores                         | E-Commerce               |
| 202515103510 | Internet Electronics Retail                        | E-Commerce               |
| 202515152010 | Internet Entertainment Retail                      | E-Commerce               |
| 202520152510 | Internet Furniture and Home Furnishings Retail     | E-Commerce               |
| 201510151520 | Internet Motor Vehicle Sales                       | E-Commerce               |
| 501015251510 | Internet Off-Price Retail                          | E-Commerce               |
| 201515251015 | Internet Pet and Pet Supply Retail                 | E-Commerce               |
| 501020151510 | Internet Pharmacies and Drug Retail                | E-Commerce               |
| 501015301510 | Internet Warehouse / Superstore Retail             | E-Commerce               |
| 303010153020 | Mixed Electronic Transaction Processing            | E-commerce               |
| 501020101510 | Mixed Internet Health and Personal Care Retail     | E-Commerce               |
| 303015101030 | Payment Processing Software                        | E-Commerce               |
| 501010101025 | Internet Non-Alcoholic Beverages and Food Retail   | E-Commerce               |
| 501015151515 | Internet Used Good Retailers                       | E-Commerce               |
| 551525101010 | Audio Electronics Manufacturing                    | Hardware and Electronics |
| 551520101010 | Computer Display Equipment                         | Hardware and Electronics |
| 551525201010 | Consumer Electronics Accessories Manufacturing     | Hardware and Electronics |
| 551520201010 | Data Storage Drives and Peripherals                | Hardware and Electronics |
| 551520201510 | Data Storage Media                                 | Hardware and Electronics |
| 551520151010 | Desktop Computer Systems                           | Hardware and Electronics |

|              |  |                          |
|--------------|--|--------------------------|
| 551520202010 | Disk Storage Systems                               | Hardware and Electronics |
| 551520251510 | Diversified Technology Hardware                    | Hardware and Electronics |
| 551520251010 | General Computer Hardware Manufacturing            | Hardware and Electronics |
| 551525351010 | General Consumer Electronics Manufacturing         | Hardware and Electronics |
| 551520101510 | Home and Office Productivity Peripherals           | Hardware and Electronics |
| 551520102010 | Human Interface Peripherals                        | Hardware and Electronics |
| 551520202015 | Information Storage Systems                        | Hardware and Electronics |
| 551520102510 | Input/Output (I/O) Adapter and Interface Devices   | Hardware and Electronics |
| 551525251010 | Media Player and Recorder Equipment                | Hardware and Electronics |
| 551520151510 | Multi-Type Business and Personal Systems           | Hardware and Electronics |
| 551520202510 | Multi-Type Data Storage Hardware Makers            | Hardware and Electronics |
| 551520301510 | Other Computer Display Equipment                   | Hardware and Electronics |
| 551520152010 | Other Computer Systems                             | Hardware and Electronics |
| 551520103010 | Other Peripherals                                  | Hardware and Electronics |
| 551525251510 | Other Video Electronics Equipment                  | Hardware and Electronics |
| 551525401010 | Photography Equipment                              | Hardware and Electronics |
| 551520152510 | Portable Computer Systems                          | Hardware and Electronics |
| 551520302010 | Printed Circuit Boards                             | Hardware and Electronics |
| 551520103510 | Printing and Imaging Peripherals                   | Hardware and Electronics |
| 551520153010 | Server Computer Systems                            | Hardware and Electronics |
| 551525252510 | Television Equipment Manufacturing                 | Hardware and Electronics |
| 551520302510 | Touchscreen Panels Display Equipment               | Hardware and Electronics |
| 551520104010 | Video Peripherals                                  | Hardware and Electronics |
| 551525252010 | Video Signal Processor and Receiver Equipment      | Hardware and Electronics |
| 551525451010 | Virtual Reality Equipment                          | Hardware and Electronics |
| 551525501010 | Wearable Technology                                | Hardware and Electronics |
| 551520154010 | Mixed Large-Scale Processing Computer Systems      | Hardware and Electronics |
| 551520154015 | Quantum Computing Systems                          | Hardware and Electronics |
| 551520154510 | Mixed Ruggedized/Industrial Computer Systems       | Hardware and Electronics |
| 352015151010 | Diversified Medical Devices and Instruments        | Hardware and Electronics |
| 401020301510 | General Machinery Manufacturing                    | Hardware and Electronics |
| 551010252510 | Other Passive Electronic Components                | Hardware and Electronics |
| 551030101010 | Assembly Equipment Manufacturing                   | Semiconductor            |
| 551020401510 | Audio Multimedia Semiconductors                    | Semiconductor            |
| 551030102510 | Diversified Semiconductor Capital Equipment Makers | Semiconductor            |
| 551030152010 | Diversified Semiconductor Manufacturing Services   | Semiconductor            |
| 551020201010 | Diversified Semiconductors                         | Semiconductor            |
| 551020251010 | Flash Memory Semiconductors                        | Semiconductor            |
| 551030101510 | Flat Panel Display-Specific Equipment Makers       | Semiconductor            |
| 551020101010 | General Analog and Mixed Signal Semiconductors     | Semiconductor            |
| 552015101510 | IC-Level Electronic Design Software                | Semiconductor            |
| 551020401515 | Image Sensor and Image Capture Semiconductors      | Semiconductor            |
| 551020151010 | Light Emitting Diode Discrete Semiconductors       | Semiconductor            |
| 551020302510 | Microprocessor (MPU) Semiconductors                | Semiconductor            |
| 551020401520 | Multimedia Semiconductors                          | Semiconductor            |
| 551020401010 | Networking Semiconductors                          | Semiconductor            |
| 352020151535 | Ophthalmology Devices                              | Semiconductor            |

|              |  |               |
|--------------|--|---------------|
| 551020401015 | Other Communications Semiconductors                | Semiconductor |
| 551020151510 | Other Discrete Semiconductors                      | Semiconductor |
| 551030101515 | Other Front End Processing Equipment Makers        | Semiconductor |
| 551020251510 | Other Memory Semiconductors                        | Semiconductor |
| 551020251015 | Other Nonvolatile Memory Semiconductors            | Semiconductor |
| 551020151015 | Other Optoelectronics Discrete Semiconductors      | Semiconductor |
| 551020101510 | Other Power Analog and Mixed Signal Semiconductors | Semiconductor |
| 551020303010 | Other Processor Semiconductors                     | Semiconductor |
| 551020351010 | Other Programmable Logic and ASIC Semiconductors   | Semiconductor |
| 551020402010 | Other Specialized Semiconductors                   | Semiconductor |
| 551020402510 | Peripheral Semiconductors                          | Semiconductor |
| 551020102010 | Power, Control and Mixed Signal Semiconductors     | Semiconductor |
| 551020351510 | Programmable Logic Device Semiconductors           | Semiconductor |
| 551020102510 | RF Analog and Mixed Signal Semiconductors          | Semiconductor |
| 551020403010 | Security and Identification Semiconductors         | Semiconductor |
| 551030151510 | Semiconductor Assembly and Packaging Services      | Semiconductor |
| 551030102010 | Semiconductor Components/Subsystems Manufacturing  | Semiconductor |
| 551030151010 | Semiconductor Foundry Services                     | Semiconductor |
| 551030151515 | Semiconductor Packaging and Testing Services       | Semiconductor |
| 551030102015 | Semiconductor Process Analysis Tool Manufacturing  | Semiconductor |
| 551030151520 | Semiconductor Testing Services                     | Semiconductor |
| 551020103010 | Specialty Analog and Mixed Signal Semiconductors   | Semiconductor |
| 551030102020 | Test, Measurement and Metrology Equipment Makers   | Semiconductor |
| 551020401525 | Video Multimedia Semiconductors                    | Semiconductor |
| 551020252010 | Volatile Memory Semiconductors                     | Semiconductor |
| 551030101525 | Wafer Blank Makers and Equipment Manufacturing     | Semiconductor |
| 551030101020 | Wafer Processing Subsystem Equipment Manufacturing | Semiconductor |
| 551020103020 | Autonomous Vehicles Semiconductors                 | Semiconductor |
| 551020401530 | Cryptomining Semiconductors                        | Semiconductor |
| 551020103015 | General Automotive Semiconductors                  | Semiconductor |
| 551020303510 | Quantum Processor Semiconductors                   | Semiconductor |
| 551020401535 | General Graphics Accelerator/Controller            | Semiconductor |
| 551020401540 | A.I./Large Scale Processing Graphics Controller    | Semiconductor |
| 551020401550 | Computer/Gaming Graphics Accelerator/Controller    | Semiconductor |
| 551020401545 | Data Center Graphics Accelerator/Controller        | Semiconductor |
| 551020401555 | Handheld Graphics Accelerator/Controller           | Semiconductor |
| 451020301010 | Diversified Specialty/Performance Chemicals Makers | Semiconductor |
| 551020304010 | Neural Processor (NPU) Semiconductors              | Semiconductor |

5. In each category, rank the securities by their float-adjusted modified market capitalization, in descending order, and select the top 3 ranked securities.

Rank all securities that are ranked 4 or below based on their float-adjusted modified market capitalization and select the top ranked securities regardless of the category until the index constituents reaches 20 securities.

6. Weight securities by float-adjusted modified market capitalization. Individual security's weight is capped at 10%, and excess weights are redistributed proportionally among remaining uncapped securities.

Aggregated weight of each category is capped at 25%.

In addition to the above selection schema, FactSet may at its discretion and in consultation with index licensee, modify one or more selection criterion to ensure relevant and timely capture of the theme. Whenever possible, any modifications shall be announced 60 days prior to annual Reconstitution Day.

## 2.2 Index Return Formulas

The price, total and net total returns levels of the index are calculated using the following formulas.

$$I_{(t)} = \frac{\sum_{i=1}^n S_{i(t)} \times P_{i(t)}}{D_{(t)}}$$

where:

$I_{(t)}$  = Index value on Index Valuation Day (t)  
 $D_{(t)}$  = Divisor on Index Valuation Day (t)  
 $n$  = Number of stocks in the index  
 $P_{i(t)}$  = Closing price of stock (i) on Index Valuation Day (t)  
 $S_{i(t)}$  = Number of allocated shares of stock (i) on Index Valuation Day (t)

and on Inception Date, where (t) = 0, the initial divisor is calculated as follows:

$$D_{(0)} = \frac{\sum_{i=1}^n S_{i(0)} \times P_{i(0)}}{I_{(0)}}$$

where:

$I_{(0)}$  = Price Returns Index value on Index Inception Date  
 $D_{(0)}$  = Divisor on Index Inception Date  
 $n$  = Number of stocks in the index on Index Inception Date  
 $P_{i(0)}$  = Price of stock (i) on Index Inception Date  
 $S_{i(0)}$  = Number of allocated shares of stock (i) on Index Inception Date

Allocated shares ("S") are the number of shares required for each constituent such that all constituents are float-adjusted modified market capitalization weighted. Allocated shares ("S") would be adjusted accordingly to account for Corporate Actions.

Net total return is calculated to account for the effect of tax withholding on dividends by adjusting dividend taken out due to tax payment.

## 2.3 Index Divisor Adjustments

From time to time, the index divisor is adjusted to account for corporate actions that could distort index value and continuity using the following formula:

$$D_{(t+1)} = D_{(t)} \times \frac{\sum_{i=1}^n AS_{i(t+1)} \times AP_{i(t+1)}}{\sum_{i=1}^n S_{i(t)} \times P_{i(t)}}$$

where:

|                             |   |
|-----------------------------|---|
| $D_{(t+1)}$                 | = Divisor for Index Valuation Day (t+1) after CA and rebal adjustment   |
| $D_{(t)}$                   | = Divisor for Index Valuation Day (t)   |
| $AP_{i(t+1)}$<br>adjustment | = Adjusted price of stock (i) calculated for open on Index Valuation Day (t+1) after CA                       |
| $P_{i(t)}$                  | = Closing price of stock (i) on Index Valuation Day (t)   |
| $S_{i(t)}$                  | = Number of allocated shares of stock (i) on Index Valuation Day (t)  |
| $AS_{i(t+1)}$               | = Adjusted number of allocated shares of stock (i) for open on Index Valuation Day (t+1) after CA adjustment. |

Divisor adjustments are generally implemented on the date the corporate action becomes effective, such that for example, the ex-dividend date rather than the payment date is used to time the divisor adjustment.

Find below a detailed calculation for AP, AS, and S in case of corporate actions and rebalancing.

$AP_{i(t)}$  = Adjusted price of stock (i) is determined for the open on Index Valuation Day (t) shall mean:

- If index constituent opens ex-date in respect of the corporate action, then  $AP_{i(t)}$  is determined as per Corporate Action Adjustment Section.
- Otherwise

$$AP_{i(t)} = P_{i(t-1)}$$

$S_{i(t)}$  = Number of allocated shares of stock (i) on Index Valuation date (t) is determined as

$$S_{i(t)} = AS_{i(t)}$$

$AS_{i(t)}$  = Adjusted number of allocated shares of stock (i) for open on Index Valuation Day (t) after CA adjustment is determined as:

- If such day opens immediately following the Rebalancing Day (t-1) and if:

- index constituent opens ex-date in respect to corporate action, then  $AS_{i(t)}$  is determined as per Corporate Action Adjustment Section with  $S_{i(t-1)}$  replace with:

$$S_{i(t-1)} = \frac{I_{(t-1)} \times Weight_{i(t-1)}}{P_{i(t-1)}}$$

- index constituent does not open ex-date in respect to corporate action, then  $AS_{i(t)}$  is determined as:

$$AS_{i(t)} = \frac{I_{(t-1)} \times Weight_{i(t-1)}}{P_{i(t-1)}}$$

- On any other day:

- index constituent opens ex-date in respect to corporate action, then  $AS_{i(t)}$  is determined as per Corporate Action Adjustment Section
- Otherwise:

$$AS_{i(t)} = S_{i(t-1)}$$

where  $Weight_{i(t-1)}$  is determined as per Section 2.1.

## 2.4 Corporate Action Adjustments

### Special Cash Dividend:

$$AP_{i,t} = P_{i,t-1} - D_{i,t}$$

Where

$t$  = Index Valuation Date (t) is ex-date for corporate action.

$D_{i,t}$  = Dividend amount corresponding to stock (i) with ex-date (t).

### Spin-off Adjustment

If an index constituent (i.e. the parent company) distributes part of its business into a spun-off company, the spun-off company will be added to the Index according to the transaction terms on the ex-date.

The parent company will remain in the Index with unchanged calculation parameters. The spun-off company will remain in the Index until the next ordinary rebalancing.

The spun-off company will be added to the Index with an open price of zero on ex-date.

If the spun-off company does not start to trade on the effective date (i.e. ex-date), a theoretical price for the spun-off company will be implemented (see the equation below) as a fixed price until it commences trading, from which time official prices will be used.

$$P_{f(t)} = [P_{i(t-1)} - AP_{i(t)}] \times ShareRatio_{i(t)}$$

Where

$P_{i(t-1)}$  = Closing price of Parent Company on Index Valuation Date (t-1).

$AP_{i(t)}$  = Open price of Parent Company on Index Valuation Date (t).

$P_{f(t)}$  = Price of Spun-off Company on Index Valuation Date (t).

### Rights Issue Adjustment

$$AP_{j,t} = \frac{P_{j,t-1} + C_{j,t} \times \text{Share Ratio}_{j,t}}{1 + \text{Share Ratio}_{j,t}}$$
$$AS_{j,t} = S_{j,t-1} \times (1 + \text{Share Ratio}_{j,t})$$

Where

$C_{j,t}$  = Official tender price.

### Stock Splits Adjustment

$$AP_{j,t} = \frac{P_{j,t-1}}{\text{Share Ratio}_{j,t}}$$
$$AS_{j,t} = S_{j,t-1} \times \text{Share Ratio}_{j,t}$$

### Stock distribution

$$AP_{j,t} = P_{j,t-1} \times \frac{1}{1 + \text{Share Ratio}_{j,t}}$$

$$AS_{j,t} = S_{j,t-1} \times (1 + \text{Share Ratio}_{j,t})$$

## Index Maintenance

Constituent changes may occur between review periods due to corporate events that disqualify their eligibility for index inclusion. Adjustments to corporate events are described below:

### 3.1 Corporate Actions – Delisting

A constituent is removed immediately after being delisted from its primary markets.

### 3.2 Corporate Actions – Merger or Acquisition

If a merger or acquisition results in one constituent acquiring another, the acquiring company remains a constituent, and the acquired company is removed. If a non-constituent acquires a constituent, the acquired constituent is removed. If a constituent acquires a non-constituent, the acquiring constituent remains a constituent.

### 3.3 Corporate Actions – Spin-off

If a constituent spins or splits off a portion of its business, both the spun-off company and the parent company (the entity representing the existing constituent) will be kept in the index, and be considered for removal from the index at the next Reconstitution or Rebalance Day should they fail to meet the eligibility criteria in Section 2.1.

### 3.4 Corporate Actions – Bankruptcy

If a constituent is delisted after bankruptcy, it will be removed immediately with a price of 0 from the index.

## Index Calculation and Data Correction

### 4.1 Index Calculation

Price, Total Return, and Net Total Return values for the FactSet Japan Tech Top 20 Index are calculated by Solactive AG. The price, total and net total return values are calculated on a continuous and end-of-day basis by using the trading price for each component in the index from relevant exchanges and markets. Index values are rounded to 2 decimal places and divisors are rounded to 6 decimal places.

If trading in a stock is suspended prior to the market opening, the stock's adjusted closing price from the previous day will be used in the index calculation until trading commences. If trading in a stock is suspended while the relevant market is open, the official closing price published by relevant exchange for that stock will be used for all subsequent index calculations until trading resumes.

In case of exceptional market conditions disrupting normal closing auction, or causing official closing prices not being available, Solactive and FactSet reserve the right to utilize other prices in the calculation of the official closing level.

### 4.2 Data Correction

Incorrect index constituent data, corporate action data, or index divisors will be corrected upon detection. If such errors are discovered within five days of occurrence, they will be corrected retroactively on the day of discovery. If discovered after five days, corrective actions will be decided based on the errors' significance and feasibility of a correction.

### 4.3 Decision Making in Undocumented Events

A FactSet Index Committee consisting of select employees of FactSet Research Systems Inc. is responsible for amending rules as documented in the Index Methodology Guide due to undocumented or extraordinary events.

## Additional Information

### 5.1 Contact Information

FactSet Research Systems Inc.  
One Sansome St. Suite 900  
San Francisco, CA 94104  
Contact: [GoIndexing@factset.com](mailto:GoIndexing@factset.com)

### 5.2 Version History

| Version     | Release Date     | Notes         |
|-------------|------------------|---------------|
| Version 1.0 | May 6, 2022      | First Release |
| Version 1.1 | January 10, 2025 | RBICS Update  |
| Version 1.2 | August 6, 2025   | RBICS Update  |
| Version 1.3 | October 8, 2025  | RBICS Update  |