

April 13, 2012

Russell/Nomura Fundamental Index Series have the following indices.

- **Russell/Nomura Fundamental Index**

The Russell/Nomura Fundamental Index, based on Research Affiliates Fundamental Index[®] methodology, is designed to select and weight constituents of the Russell/Nomura Total Market Index which contains the top 98% of all stocks listed on Japan's stock exchanges in terms of adjusted market capitalization.

- **Russell/Nomura Fundamental Prime Index**

The Russell/Nomura Fundamental Prime Index is specially designed for passively managed funds and provides more investability for investors to track the fundamental beta taking into account "liquidity screening" and "minimum weight screening".

Price and Total Return values are calculated for all the Russell/Nomura Fundamental Index Series on an end of day basis. Price and Total Return Index values in US dollar terms are also calculated on an end of day basis.

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See Appendix A-1 for analyst certification and important disclosures. Analysts employed by non US affiliates are not registered or qualified as research analysts with FINRA in the US.

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1. Introduction

This paper sets out the methodology for the construction and management of the Russell/Nomura Fundamental Index Series, which is designed to select and weight Japanese equities by fundamental measures of company size as opposed to market capitalization. The construction methodology is based on the Research Affiliates' Fundamental Index[®] methodology which selects and weights companies in an index or portfolio based on non-price, fundamental measures of firm size. The Russell/Nomura Fundamental Index Series selects Japanese companies by non-price measures of firm size using the specific fundamental variables: Adjusted Sales, Retained Operating Cash Flow, and Dividend plus buybacks (the "Russell/Nomura Fundamental factors"). The Russell/Nomura Fundamental factor scores are calculated by Nomura at the time of annual rebalance in association with Russell Investments and Research Affiliates, LLC.

The following indices are calculated:

• **Russell/Nomura Fundamental Index**

The Russell/Nomura Fundamental Index is designed to select and weight constituents of the Russell/Nomura Total Market Index which contains the top 98% of all stocks listed on Japan's stock exchanges in terms of adjusted market capitalization.

• **Russell/Nomura Fundamental Prime Index**

The Russell/Nomura Fundamental Prime Index is specially designed for passively managed funds and provides more investability for investors to track the fundamental beta taking into account "liquidity screening" and "minimum weight screening".

Price and Total Return values are calculated for all the Russell/Nomura Fundamental Index Series on an end of day basis. Price and Total Return Index values in US dollar terms are also calculated on an end of day basis.

Unless specifically detailed in this document, all areas of the methodology regarding the management of the Russell/Nomura Fundamental Index Series is related to the Russell/Nomura Japan Equity Index's Rules. This rulebook should therefore be read in conjunction with the "Russell/Nomura Japan Equity Indexes Rulebook", which can be downloaded on

<http://qr.nomuraholdings.com/en/frcnri/index.html>.

About Russell Investments

Russell Investments (Russell) is a global asset manager and one of only a few firms that offers actively managed, multi-asset portfolios and services that include advice, investments and implementation. Working with institutional investors, financial advisors and individuals, Russell's core capabilities extend across capital markets insights, manager research, Indexes, portfolio implementation and portfolio construction.

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Headquartered in Seattle, Washington, USA, Russell has offices around the world including Amsterdam, Auckland, Beijing, Chicago, Dubai, Frankfurt, London, Melbourne, Milan, New York, Paris, San Francisco, Seoul, Singapore, Sydney, Tokyo and Toronto. For more information about how Russell helps to improve financial security for people, visit www.russell.com or follow us @Russell_News.

About Research Affiliates, LLC

[Research Affiliates, a global leader in innovative investing and asset allocation strategies, operates worldwide from its base in Newport Beach, California, USA. Dedicated to solving complex investment issues, the firm creates innovative strategies that respond to the current needs of the market. Leveraging its strong research focus, Research Affiliates distributes products in partnership with some of the world's leading financial institutions. These affiliations take the form of licensing agreements, sub-advisory services, and direct asset management. Approximately \$98 billion in assets are managed worldwide using investment strategies developed by Research Affiliates, as of February 29, 2012.

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2. Constructing the Russell/Nomura Fundamental Index

2.1 Eligible Securities for the Russell/Nomura Fundamental Index

The Russell/Nomura Fundamental Index starts with the members of the Russell/Nomura Total Market Index which contains the top 98% of all stocks listed on Japan's stock exchanges in terms of adjusted market capitalization.¹

Using audited and publicly available accounting data, Fundamental factor scores are calculated for each Russell/Nomura Fundamental factor at the individual constituent level.² An aggregate Fundamental factor score is calculated for each company by equal weighting the scores for each of the Russell/Nomura Fundamental factors (see 2.2).

2.2 Russell/Nomura Fundamental Factors

Russell/Nomura Fundamental factors are calculated using the average Factors generated by each constituent over the last few years. In the event of a constituent having missing data resulting in incomplete five-year history for any factor, remaining available data is used for the calculations. In terms of priority given to consolidated or parent accounts, first priority is given to the latest Japanese GAAP consolidated accounts, then to the latest US GAAP consolidated accounts, and lastly to the latest parent data. In cases where Russell/Nomura Fundamental factor is minus, zero is assumed in the calculation.

- **Adjusted Sales**

Determines the sales applicable to common shareholders adjusted for financial leverage. This adjustment downs weights companies with a heavy leverage structure. This approach offers less distress risk and less volatility during short periods. The sales component is calculated using the average over the past five years. The adjustment factor is defined as the average total common equity divided by the average total assets. The average in this case is the average balances of the last 2 periods as reported in the company's most recent financial statements. Adjusted sales is then calculated by multiplying the sales component by the adjustment factor.

- **Retained Operating Cash Flow**

Determines the amount of cash available to be distributed to shareholders after subtracting the cash to payout dividends and buyback stocks. Constituent level retained operating cash flow is calculated using the average operating cash flow from operations generated less dividends and buybacks over the past five years. If and only if operating cash flow data is not available, the following data is to be substituted: net income + depreciation – (dividend paid + buybacks). In cases where dividends and buybacks are missing in each year, zero is assumed in the calculation.

- **Dividends plus Buybacks**

Determines the effective total amount of capital distributed to shareholders. Constituent level dividends plus buybacks is calculated using the average dividends paid and share buybacks over the past five years. In cases where dividends and buybacks are missing in each year, zero is assumed in the calculation.

2.3 Aggregate Russell/Nomura Fundamental Factor Score

Each company is scored by each Russell/Nomura Fundamental factor. Then, each of the three Russell/Nomura Fundamental factor scores is equally weighted to determine the aggregate Russell/Nomura Fundamental factor score for each individual company. Companies, whose aggregate Russell/Nomura Fundamental factor score is equal to zero, are excluded from the series.

¹ See page 20-21 of the Russell/Nomura Rulebook.

² Fundamental scores for the Russell/Nomura Fundamental Index Series are calculated based on the latest financial data (of companies whose settlement of accounts arrives before the last business day of June proceeding the regular reconfiguration date, i.e., the first business day of December) which is available by the base date of the annual reconfiguration (mid October). See also 6.1.

Companies will be considered ineligible at the annual rebalance if their fundamental data is not yet available and / or the fundamental data cannot be derived from pre-existing companies (e.g., companies such as recent listings that do not report the necessary fundamental data).

2.4 Russell/Nomura Fundamental Weight

Constituents are then ranked in descending order by aggregate Russell/Nomura Fundamental factor score. The securities are ranked in order of decreasing company score and each company receives a weight as a percentage of the sum of the weights of the individual securities.

The weight for each security is multiplied by its float factor³ and the result is the float adjusted Fundamental weight for the security. The weight is then normalized such that the weights then sum to 1, to obtain the Russell/Nomura Fundamental weight.

2.5 The Russell/Nomura Fundamental Index

The regular reconfiguration of the Russell/Nomura Fundamental Index is based on that of the Russell/Nomura Japan Equity Indexes. To calculate the number of shares for each constituent of the Russell/Nomura Fundamental Index, the Russell/Nomura Fundamental weight of each constituent is multiplied by the market capitalization of the Russell/Nomura Total Market Index and divided by each constituent's composite price as at the close of the 15th day (or the preceding trading day if this falls on a non-trading day) of the month prior to the month preceding the regular reconfiguration of the Russell/Nomura Japan Equity Indexes.⁴

³ Float factor is defined as 1 minus stable share holding ratio. See the section 8 of the Russell/Nomura Rulebook.

⁴ This rule is effective as of the December 2007 regular reconfiguration. Until then, each constituent's composite price as at the close of the end (or the preceding trading day if this falls on a non-trading day) of the month prior to the month preceding the regular reconfiguration of the Russell/Nomura Japan Equity Indexes is used.

3. Constructing the Russell/Nomura Fundamental Prime Index

3.1 Eligible Securities for the Russell/Nomura Fundamental Prime Index

The Russell/Nomura Fundamental Prime Index starts with the members of the Russell/Nomura Fundamental Index (See 2).

3.2 Liquidity Screening

This rule is meant to restrict the inclusion of stocks with exceptionally low liquidity. Stocks ranked 2,001st or lower in terms of average monthly trading value in the year to the base date for the regular reconfiguration are excluded. The ranking is based on the sample of stocks eligible for inclusion in the event of a regular reconfiguration of the Russell/Nomura Japan Equity Indexes.

3.3 Minimum Weight Screening

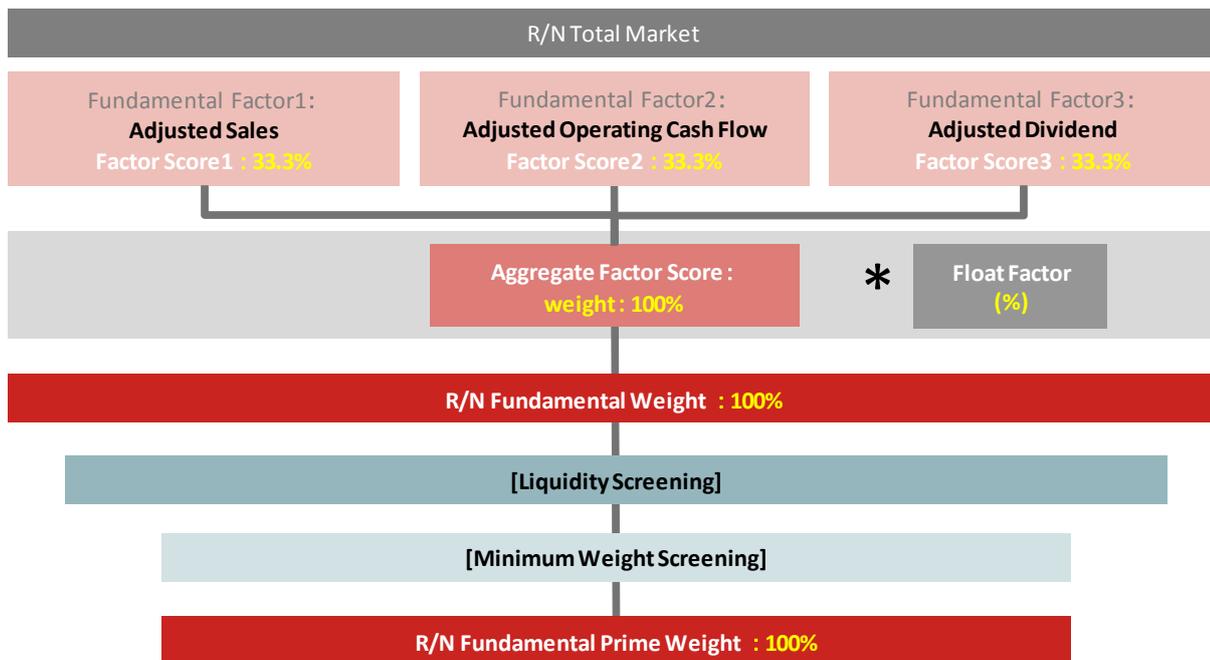
Any constituents whose weight is less than 2 basis points after 3.2 are removed. This prevents securities with very small Fundamental weights from entering the index. The weight is then normalized such that the weights sum to 1 (describing this weight as “Prime weight”).

3.4 The Russell/Nomura Fundamental Prime Index

Before calculating the number of shares for each constituent of the Russell/Nomura Fundamental Prime Index, the excluded portion through the process of liquidity screening (3.2) and minimum weight screening (3.3) are subtracted from the market capitalization of the Russell/Nomura Fundamental Index, to obtain the market capitalization of the Russell/Nomura Fundamental Prime index.

To calculate the number of shares for each constituent of the Russell/Nomura Fundamental Prime Index, the Prime Weight (3.3) of each constituent is multiplied by the market capitalization of the Russell/Nomura Fundamental Prime Index and divided by each constituent’s composite price as at the close of the 15th day (or the preceding trading day if this falls on a non-trading day) of the month prior to the month preceding the regular reconfiguration of the Russell/Nomura Japan Equity Indexes⁵.

⁵ This rule is effective as of the December 2007 regular reconfiguration. Until then, each constituent’s composite price as at the close of the end (or the preceding trading day if this falls on a non-trading day) of the month prior to the month preceding the regular reconfiguration of the Russell/Nomura Japan Equity Indexes is used.



4. Maintaining the Russell/Nomura Fundamental Index Series

4.1 Index Maintenance

Nomura is responsible for the calculation of the Russell/Nomura Fundamental Index Series, including the calculation of the Russell/Nomura Fundamental factor scores at the time of annual rebalance. Nomura will maintain records of the weightings of all constituents and will make changes to the constituents and their weightings in accordance with this methodology. Nomura will implement constituent changes resulting from the regular reconfiguration, or as otherwise required by this methodology.

4.2 Corporate Action-driven Changes

The Russell/Nomura Fundamental Index Series is proactively maintained and reflects daily changes as a result of corporate actions. The indexes follow the same rules for corporate actions as the Russell/Nomura Total Market Index (hereinafter, the parent index), with exceptions noted below. Complete details of the corporate action treatment for the Russell/Nomura Total Market Index can be found in the Russell/Nomura Japan Equity Index Rulebook.

4.3 Corporate Action Adjustments

The followings are to be reflected to the indexes so as not to change the Russell/Nomura Fundamental weight and the Prime weight (hereinafter collectively, the Fundamental weights) on the day in which the number of shares is adjusted owing to;

- A) a new share issuance via a third-party placement (five days after the day in which a stock is moved to a new exchange)
- B) a share buyback, the Fundamental weights will be adjusted on the day the share adjustment occurs.
- C) Conversion of preferred shares, merger with or acquisition by an unlisted company, tender offer by an unlisted company, etc. The Fundamental weights are adjusted if a transfer of capital in such forms as the conversion of preferred shares, a merger with or acquisition by an unlisted company, or a tender offer by an unlisted company causes dramatic change in stable shareholdings.
- D) Stock swaps, mergers. The Fundamental weights of the wholly owning parent or the merging company are changed based on the merger or exchange ratio.
- E) Rights offering, public offering, and rights offering refusal.
- F) Corporate divestiture (company/division spinoff).
- G) Month-end share adjustments: Month-end changes to shares outstanding within the Parent index will not be reflected in the Russell/Nomura Fundamental Index Series.

4.4 Unscheduled reconfigurations

When a newly listed stock is added to the underlying parent index universe, the constituent will be considered for inclusion at the next regular reconfiguration, while deletions from the Russell/Nomura Fundamental Index Series are removed at the same time of the parent index.

5. Calculation of index values

5.1 Calculation of index values

Indexes must be protected from changes in share price and market capitalization not influenced by market fluctuations. This is done by adjusting each index's base market capitalization as follows:

5.1.1. Index excluding dividends

$$\text{Base market cap}(t) = \text{market cap}(t - 1) + \text{adj market cap}(t)$$

$$\text{Return}(t) = \frac{\text{market cap}(t)}{\text{base market cap}(t)} - 1$$

$$\text{Index}(t) = \text{index}(t - 1) \times (1 + \text{return}(t))$$

5.1.2. Index including dividends

$$\text{Base market cap}(t) = \text{market cap}(t - 1) + \text{adj market cap}(t) - \text{adj total dividends}(t)$$

$$\text{Return}(t) = \frac{\text{market cap}(t) + \text{total dividends}(t)}{\text{base market cap}(t)} - 1$$

$$\text{Index}(t) = \text{index}(t - 1) \times (1 + \text{return}(t))$$

5.1.3 Calculating dividends per share

For those indexes including dividends, dividend data are reflected on an ex rights basis. However, on the date of issue, the amount of the dividend is not yet definite. Russell/Nomura Fundamental Index Series therefore reflect dividends in the following manner.⁶

First, stock issuer's forecast dividend data (if unavailable, Toyo Keizai's forecast dividend data) are used on the ex rights date. In the event of a difference between the dividend forecast and the actual dividend, the base market capitalization is readjusted on the last trading day of the month of the earnings announcement, except that announcements made on the last day of the month are reflected at the end of the following month.

5.1.4 Adjusting the base market capitalization

Base market capitalization is adjusted in the following cases:

- When changes in capital structure for stocks that are constituents of the index cause an increase or decrease in market capitalization not due to market changes
- When changes in the composition of the index cause market capitalization to increase or decrease

No adjustment to base market capitalization is made for capital changes not requiring payment, including free capital increases, stock splits, stock dividends, par-value changes, and capital reductions, as these do not affect market capitalization.

⁶ This rule's effect is starting with end-December 2011 fiscal year. Until then, stock issuer's actual dividend data are used on the ex rights date.

Adjusting the base market capitalization

Fig. 1: Timing of changes to the index as a result of changes to the capital structure of constituent issues

Changes in equity capital	Date index changes	Share price used
Rights offering	Ex rights date	Issue price
Public offering	Business day following payment date (listing date of new shares when settlement is on the issuance date)	Previous day's price
Private placement	Five business days after the placement date	Previous day's price
Conversion of CB		
Conversion of preferred stock into common stock	Last business day of the month in which the conversion ratio becomes known	Previous day's price
Exercise of bond with warrant		
Exercise of stock option	Last business day of the month in which the number of shares per warrant becomes known	Previous day's price
Merger	Swap date	Previous day's price
Retirement of shares	Last business day of the following month in which the shares are retired	Previous day's price
Rights offering refusal	Last business day of the month in which the rights offering refusal is announced (on the last business day of the following month when the announcement is within five business days of the month-end)	Previous day's price
Capital reduction with compensation	Date effective	Previous day's price
Stock swap	Swap date	Previous day's price
Corporate divestiture (continuing company, new stock)	Swap date	Previous day's price
Corporate divestiture (company/division spinoff*)	Ex rights date	Not used
Replacement	Replacement date	Previous day's price
Other adjustments	Other adjustments to the base market capitalization required are made on the last business day of the month in which the announcement of the relevant report (on the last business day of the following month when the announcement is within five business days of the month-end).	Previous day's price

Note: *With a corporate divestiture (company/division spinoff), the base market capitalization is adjusted for the reduction in capital as follows: (1) when the company does not announce the value of the divested division or of the shares of the divested company, capital is reduced by the amount by which shareholders' equity is expected to be reduced, (2) when the company does announce the value of the divested division or of the shares of the divested company, capital is reduced by the value of the division or the value of the divested company's shares times the total number of shares.

Source: Nomura

5.2 Calculation of US dollar-denominated index values

The US dollar-denominated indexes are calculated based on the JPY-denominated indexes and the exchange rate, using the following formula. Indexes including and excluding dividends are calculated.

$$\text{US dollar-denominated index value} = \frac{\text{JPY-denominated index value} \times \text{exchange rate on base date for each index}}{\text{exchange rate}}$$

Calculations use the mid-rate announced by the Bank of Japan (at 5pm)

5.3 Calculation period and base values for indexes

The base period for Russell/Nomura Fundamental Indexes is end-December 2000(=100).

6. Regular Reconfiguration

6.1 Regular Reconfiguration

The parent index for the Russell/Nomura Fundamental Index Series is the Russell/Nomura Total Market Index, which is reconstituted each year in December. In order to determine the security-level Fundamental weights, the indexes are reconfigured once a year on the first business day in December. Details for the annual reconfiguration of the parent index, ie, the Russell/Nomura Total Market Index can be found in the Russell/Nomura Japan Equity Index Rulebook.

6.2 Announcement

As a rule, index changes are announced on the website of Nomura Securities at 4pm (Tokyo time) on the 7th trading day of the month prior to the month in which the regular reconfiguration takes place, except but not limited to cases of unforeseen circumstances or when information cannot be confirmed.

Website: <http://qr.nomuraholdings.com/en/rmf/index.html>

Unscheduled index changes are announced on Nomura Securities' website about two weeks prior to the unscheduled reconfiguration, except but not limited to cases of unforeseen circumstances or when information cannot be confirmed.

Website: <http://qr.nomuraholdings.com/en/rmf/index.html>

7. Data publication services

- **Data for the Russell/Nomura Fundamental Indexes can be obtained via the following channels.**
 - * Our website (<http://qr.nomuraholdings.com/en/rnf/index.html>)

- **Daily index values for the Russell/Nomura Fundamental Prime Index are published in the following media:**
 - * Bloomberg (RNJI <go>)
 - * QUICK (NRIJ600, SRNFPI/NRIJ)
 - * Our website (<http://qr.nomuraholdings.com/en/rnf/index.html>)

Appendix A-1

Any Authors named on this report are Research Analysts unless otherwise indicated

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When bonds are purchased via public offerings, secondary distributions, or other OTC transactions with Nomura Securities, only the purchase price shall be paid, with no sales commission charged. Bonds carry the risk of losses, as prices fluctuate in line with changes in market interest rates. In addition, foreign currency-denominated bonds also carry the risk of losses owing to factors such as foreign exchange rate fluctuations.

When Japanese government bonds (JGBs) for individual investors are purchased via public offerings, only the purchase price shall be paid, with no sales commission charged. When JGBs for individual investors are sold before maturity, an amount calculated via the following formula will be subtracted from the par value of the bond plus accrued interest: (1) for 10-year variable rate bonds, an amount equal to the two preceding coupon payments (before tax) x 0.8 will be used through 9 January 2013, and an amount equal to the two preceding coupon payments (before tax) x 0.79685 will be used starting on 10 January 2013, (2) for 5-year fixed rate bonds, an amount equal to the four preceding coupon payments (before tax) x 0.8 will be used through 14 April 2012, from 15 April 2012 to 9 January 2013 an amount equal to the two preceding coupon payments (before tax) x 0.8 will be used, and starting on 10 January 2013 an amount equal to the two preceding coupon payments (before tax) x 0.79685 will be used, (3) for 3-year fixed rate bonds, an amount equal to the two preceding coupon payments (before tax) x 0.8 will be used through 9 January 2013, and an amount equal to the two preceding coupon payments (before tax) x 0.79685 will be used starting on 10 January 2013.

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