FTSE Blossom Japan Index

v2.7



Contents

Section 1 Introduction	3
Section 2 Management responsibilities	4
Section 3 FTSE Russell index policies	5
Section 4 Eligible securities	7
Section 5 Sustainable investment data inputs	9
Section 6 Periodic review of constituents	10
Section 7 Changes to constituent companies	11
Section 8 Corporate actions and events	12
Section 9 Industry classification benchmark (ICB)	14
Section 10 Index weighting	15
Appendix A Foreign exchange rates	16
Appendix B Climate subsector groups	17
Appendix C Further information	20

Introduction

1. Introduction

- 1.1 This document sets out the Ground Rules for the construction and management of the FTSE Blossom Japan Index. Copies of these Ground Rules are available at www.lseg.com/en/ftse-russell/.
- 1.2 The FTSE Blossom Japan Index is designed as an industry neutral benchmark that reflects the performance of companies demonstrating specific environmental, social and governance (ESG) practices in Japan.
- 1.3 The FTSE Blossom Japan Index takes account of ESG factors in its index design. Please see further details in section 4.
- 1.4 The indices are calculated in USD and JPY.
- 1.5 Price and Total Return Indices will be calculated on an end-of-day basis.

The Total Return Index includes income based on ex-dividend adjustments. All dividends are applied as declared.

1.6 FTSE Russell

FTSE Russell is a trading name of FTSE International Limited, Frank Russell Company, FTSE Global Debt Capital Markets Limited (and its subsidiaries FTSE Global Debt Capital Markets Inc. and FTSE Fixed Income Europe Limited), FTSE Fixed Income LLC, The Yield Book Inc and Beyond Ratings.

1.7 IOSCO

- 1.7.1 FTSE considers that the FTSE Blossom Japan Index meets the IOSCO Principles for Financial Benchmarks as published in July 2013.
- 1.8 FTSE Russell hereby notifies users of the index that it is possible that circumstances, including external events beyond the control of FTSE Russell, may necessitate changes to, or the cessation of, the index and therefore, any financial contracts or other financial instruments that reference the index or investment funds which use the index to measure their performance should be able to withstand, or otherwise address the possibility of changes to, or cessation of, the index.
- 1.9 Index users who choose to follow this index or to buy products that claim to follow this index should assess the merits of the index's rules-based methodology and take independent investment advice before investing their own or client funds. No liability whether as a result of negligence or otherwise is accepted by FTSE Russell (or any person concerned with the preparation or publication of these Ground Rules) for any losses, damages, claims and expenses suffered by any person as a result of:
 - any reliance on these Ground Rules;
 - any inaccuracies in these Ground Rules;
 - any non-application or misapplication of the policies or procedures described in these Ground Rules;
 and/or
 - any inaccuracies in the compilation of the index or any constituent data.

FTSE Russell 3 of 21

Management responsibilities

Management responsibilities

2.1 FTSE International Limited (FTSE)

- 2.1.1 FTSE is the benchmark administrator of the index¹.
- 2.1.2 FTSE Russell is responsible for the daily calculation, production and operation of the index, and will:
 - maintain records of the index weightings of all constituents;
 - make changes to the constituents and their weightings in accordance with the Ground Rules;
 - carry out the periodic index reviews of the index and apply the changes resulting from the reviews as required by the Ground Rules;
 - publish changes to the constituent weightings resulting from their ongoing maintenance and the periodic reviews; and
 - disseminate the indices.

2.2 Amendments to these Ground Rules

These Ground Rules shall be subject to regular review (at least once a year) by FTSE Russell to ensure that they continue to best reflect the aims of the index series. Any proposals for significant amendments to these Ground Rules will be subject to consultation with FTSE Russell advisory committees and other stakeholders if appropriate. The feedback from these consultations will be considered by the FTSE Russell Index Governance Board before approval is granted.

As provided for in the Statement of Principles for FTSE Russell Equity Indices, where FTSE Russell determines that the Ground Rules are silent or do not specifically and unambiguously apply to the subject matter of any decision, any decision shall be based as far as practical on the Statement of Principles. After making any such determination, FTSE Russell shall advise the market of its decision at the earliest opportunity. Any such treatment will not be considered as an exception or change to the Ground Rules, or to set a precedent for future action, but FTSE Russell will consider whether the Ground Rules should subsequently be updated to provide greater clarity.

FTSE Russell 4 of 21

The term administrator is used in this document in the same sense as it is defined in Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds (the European Benchmark Regulation) and The Benchmarks (Amendment and Transitional Provision) (EU Exit) Regulations 2019 (the UK Benchmark Regulation).

FTSE Russell index policies

FTSE Russell index policies

These Ground Rules should be read in conjunction with the following policy documents, which can be accessed using the links below:

3.1 Corporate Actions and Events Guide

3.1.1 Full details of changes to constituent companies due to corporate actions and events can be accessed in the Corporate Actions and Events Guide using the following link:

Corporate Actions and Events Guide.pdf

3.2 Statement of Principles for FTSE Russell market capitalisation weighted equity indices (the Statement of Principles)

3.2.1 Indices need to keep abreast of changing markets and the Ground Rules cannot anticipate every eventuality. Where the rules do not fully cover a specific event or development, FTSE Russell will determine the appropriate treatment by reference to the Statement of Principles, which summarises the ethos underlying FTSE Russell's approach to index construction. The Statement of Principles is reviewed annually and any changes proposed by FTSE Russell are presented to the FTSE Russell Policy Advisory Board for discussion before approval by FTSE Russell's Index Governance Board.

The Statement of Principles can be accessed using the following link:

Statement of Principles.pdf

3.3 Queries, Complaints and Appeals

3.3.1 A constituent or prospective constituent company (or professional adviser acting on behalf of the company), a national organisation or a group of no fewer than 10 users of the index from different organisations acting in their professional capacity may appeal against decisions taken by FTSE Russell.

FTSE Russell's complaints procedure can be accessed using the following link:

Benchmark Determination Complaints Handling Policy.pdf

FTSE Russell's Appeal Process can be accessed using the following link:

Appeals_Against_Decisions.pdf

3.4 Index Policy for Trading Halts and Market Closures

3.4.1 Guidance for the treatment of index changes in the event of trading halts or market closures can be found using the following link:

Index_Policy_for_Trading_Halts_and_Market_Closures.pdf

3.5 Index Policy in the Event Clients are Unable to Trade a Market or a Security

3.5.1 Details of FTSE Russell's treatment can be accessed using the following link:

Index Policy in the Event Clients are Unable to Trade a Market or a Security.pdf

FTSE Russell 5 of 21

3.6 Recalculation Policy and Guidelines

3.6.1 Where an inaccuracy is identified, FTSE Russell will follow the steps set out in the FTSE Russell Index Recalculation Guidelines when determining whether an index or index series should be recalculated and/or associated data products reissued. Users of the FTSE Blossom Japan Index will be notified through appropriate media.

For further information, refer to the FTSE Russell Recalculation Policy and Guidelines document, which is available from the FTSE Russell website using the link below or by contacting info@ftserussell.com.

Recalculation Policy and Guidelines Equity Indices.pdf

3.7 Recalculation Policy and Guidelines – ESG Data and Scores

Where an inaccuracy in an ESG data product is identified, FTSE Russell will follow the guidelines set out in this document when determining if an ESG Data Product should be recalculated.

Recalculation_Policy_and_Guidelines_ESG_Products.pdf

3.8 Policy for Benchmark Methodology Changes

3.8.1 Details of FTSE Russell's policy for making benchmark methodology changes can be accessed using the following link:

Policy for Benchmark Methodology Changes.pdf

3.9 FTSE Russell Governance Framework

3.9.1 To oversee its indices, FTSE Russell employs a governance framework that encompasses product, service and technology governance. The framework incorporates the London Stock Exchange Group's three lines of defence risk management framework and is designed to meet the requirements of the IOSCO Principles for Financial Benchmarks², the European benchmark regulation³ and the UK benchmark regulation⁴. The FTSE Russell Governance Framework can be accessed using the following link:

FTSE Russell Governance Framework.pdf

3.10 Real Time Status Definitions

3.10.1 Please refer to the following guide for details of real time status definitions for indices that are calculated in real time.

Real Time Status Definitions.pdf

FTSE Russell 6 of 21

² IOSCO Principles for Financial Benchmarks Final Report, FR07/13 July 2013.

Regulation (EU) 2016/1011 of the European Parliament and of the Council of 8 June 2016 on indices used as benchmarks in financial instruments and financial contracts or to measure the performance of investment funds.

⁴ The Benchmarks (Amendment and Transitional Provision) (EU Exit) Regulations 2019.

Eligible securities

4. Eligible securities

4.1 Eligible universe

- 4.1.1 Constituents of the FTSE Japan All Cap Index⁵ are eligible for inclusion in the FTSE Blossom Japan Index.
- 4.1.2 Japanese Real Estate Investment Trusts (J-REITs) (Real Estate Investment Trusts ICB 351020) are ineligible for the FTSE Blossom Japan Index.

4.2 Overall ESG scores

- 4.2.1 Each company in the FTSE Japan All Cap Index universe is given an overall ESG score ranging from zero to five, with five being the highest score.
- 4.2.2 Companies with an overall ESG score of 3.3 or above are added to the FTSE Blossom Japan Index.
- 4.2.3 Constituents of the FTSE Blossom Japan Index with an overall ESG score below 2.9 or having one or more ESG themes assessed as high exposure with a corresponding score of zero are at risk of deletion from the FTSE Blossom Japan Index.
- 4.2.4 If a constituent does not meet the index eligibility criteria in Section 4 during an index review, it will be deleted at the index review one year later if the eligibility criteria are still not met. Index users will be informed of the list of constituents that are at risk of deletion by a client notification and FTSE Russell will make reasonable endeavours to inform these constituents that they are at risk of deletion from the index.

Further information on the FTSE Russell ESG scores can be accessed using the following link:

FTSE Russell ESG scores

4.3 Nuclear power generation and manufacturers of infant formula and breast milk substitutes

- 4.3.1 In addition to the inclusion criteria set out above, companies involved in offering products/services in more controversial business areas need to meet a higher requirement for inclusion:
 - Companies involved in nuclear power generation must meet all except one of the applicable sector specific indicators in the Health and Safety Theme.
 - Companies involved in manufacturing and marketing of infant formula and breast milk substitutes must meet all except one of the sector specific indicators in the Customer Responsibility Theme.

FTSE Russell 7 of 21

⁵ Change from the FTSE All World Japan index to the FTSE Japan All Cap Index December 2020.

4.4 Controversy monitoring

The controversies assessment of the FTSE Blossom Japan Index complements the ESG scores in formulating the indices. The treatment of companies by the controversies assessment differs depending on whether the company is a current constituent or not.

4.4.1.1 Non-constituents

Companies identified as having significant controversies are not eligible for addition to the FTSE Blossom Japan Index at a review.

The list of such companies is determined through a process that systematically analyses the seriousness of ESG incidents, criticism and allegations against companies and projects worldwide to determine how controversial a company is. Companies are ranked based on the significance of their controversies and those identified to be in the top 5% by the most significant allegations relative to the global universe (FTSE All-Cap Index constituents) are included in the list at a review. The list also includes companies where any of the world's largest asset owners (top 40 by assets under management) currently take a public stance in excluding that company from their portfolios on the basis of environmental, social or governance concerns.

4.4.2 Current FTSE Blossom Japan Constituents

FTSE Russell monitors news outlets for controversies in which current FTSE Blossom Japan Index constituents are implicated.

The controversies assessment for existing constituents is based on two defining parts, an exposure based on significance and a score focused on quality of response to the controversy(ies).

Constituents that have been assessed to have significant controversies (high exposure) with a poor response (low score) are suspended from the FTSE Blossom Japan Index for a period of two years.

Following a two-year suspension, a company must demonstrate that it has taken appropriate action to rectify the effects of the controversial incident and prevent a reoccurrence before it can be permitted to reenter the FTSE Blossom Japan Index, subject to meeting all other criteria.

4.5 Companies with a low score in a theme assessed as high exposure

4.5.1 Companies that have a score of zero or one in any applicable high exposure theme will not be added to the FTSE Blossom Japan Index.

4.6 Climate requirements

4.6.1 Minimum climate change score thresholds apply⁶ in assessing eligibility for ongoing and new inclusion in the FTSE Blossom Japan Index. Thresholds are determined according to whether the company has been assigned a Primary Impact or Secondary Impact ICB classification. Primary and Secondary ICB Subsectors are listed in Appendix B.

Primary impact subsectors	Climate change score of three required
Secondary impact subsectors	Climate change score of two required

FTSE Russell 8 of 21

⁶ From June 2021.

Sustainable investment data inputs

5. Sustainable investment data inputs

5.1.1 The following Sustainable Investment datasets are used in the construction of the indices.

SI data inputs	Details	Used for selection, weighting or exclusion ⁷
FTSE ESG Scores	FTSE Russell's ESG Scores and data model allows investors to understand a company's exposure to, and management of, ESG issues in multiple dimensions. More information can be found here: https://www.ftserussell.com/data/sustainability-and-esg-data/esg-ratings and Guide to FTSE and Third Party Sustainable Investment Data used in FTSE Russell Indices	Selection
Conduct related data – FTSE	FTSE exclusion lists on the activities of companies that are directly or indirectly linked to controversial conduct and diversity. More information can be found: Section 7 of the Guide_to_the_Construction_and_Maintenance_of_FTSE_Exclusion_Lists.pdf	Exclusion
Conduct related data – RepRisk	The RepRisk Index (RRI) captures and quantifies a company's reputational risk exposure to ESG issues. More information can be found: https://www.reprisk.com/news-research/resources/methodology	Exclusion

5.1.2 Further information on SI data provided by FTSE Russell and third parties used in this index (index series) can be found in the following guide:

Guide to FTSE and Third Party Sustainable Investment Data used in FTSE Russell Indices

This includes information on the data and standards used for these SI data inputs. These data sets may include estimated data.

5.2 Sustainable Investment Metrics

5.2.1 Please see the FTSE Russell <u>Sustainable Investment Metrics</u> website for the scores and values of the environmental, social and governance (ESG) factors listed in Annex II to Delegated Regulation (EU) 2020/1816 which are taken into account in the benchmark methodology for the benchmarks within this index series.

Further details on the metrics methodology and calculation are available using the following links:

Sustainability and ESG Data | FTSE Russell

Sustainable Investment Disclosures Methodology Document

FTSE Russell 9 of 21

Definitions Selection- SI data is used to select or rank constituents, or calculate minimum scores or thresholds Weighting- SI data is used to calculate the weight of a constituent in an index Exclusion- SI data is used to exclude companies from the index

Periodic review of constituents

6. Periodic review of constituents

- 6.1 The FTSE Blossom Japan Index is reviewed semi-annually in June and December.
- Index reviews will use FTSE ESG data based on the Annual Report and Corporate Sustainability Report (CSR), or Integrated report, published by the last business day of March (for the June review) and September (for the December Review). All reports need to be published with the same fiscal year to feed into ESG data ahead of an index review. If a company reports to CDP, this report also needs to be available for FTSE Russell to access by the last business day of March or September.
- 6.3 Index reviews will use market data as at the close of business of the Monday 4 weeks prior to review effective date.
- 6.4 Changes arising from the reviews of the FTSE Blossom Japan Index will be implemented after the close of business on the third Friday (i.e. effective Monday) of June and December.

FTSE Russell 10 of 21

Changes to constituent companies

7. Changes to constituent companies

7.1 Removals and new issues

- 7.1.1 A constituent will be removed from the FTSE Blossom Japan Index if it is also removed from the FTSE Japan All Cap Index. The deletion will be concurrent with the deletion from the FTSE Japan All Cap Index and its weight will be distributed pro-rata among the remaining constituents of the FTSE Blossom Japan Index. Constituents removed from the FTSE Blossom Japan Index are not replaced between reviews.
- 7.1.2 A new entrant (either fast entry or normal review entry) to the FTSE Japan All Cap Index will be eligible to join the FTSE Blossom Japan Index if it has been a constituent of the FTSE Japan All Cap Index for at least six months at the semi-annual review effective date.

FTSE Russell 11 of 21

Corporate actions and events

8. Corporate actions and events

8.1 Full details of changes to constituent companies due to corporate actions and events can be accessed in the Corporate Actions and Events Guide for Market Capitalisation Weighted Indices using the following link:

Corporate Actions and Events Guide.pdf

A corporate action is an action on shareholders with a prescribed ex-date. The share price will be subject to an adjustment on the ex-date. These include the following:

- capital repayments;
- rights issues/entitlement offers;
- stock conversion;
- splits (sub-division)/reverse splits (consolidation); and
- scrip issues (capitalisation or bonus issue).

A corporate event is a reaction to company news (event) that may impact the index depending on the index rules. For example, a company announces a strategic shareholder is offering to sell their shares (secondary share offer) – this could result in a free float weighting change in the index. Where an index adjustment is required, FTSE Russell will provide notice advising of the timing of the change.

8.2 Shares in issue

Changes to the number of shares in issue for constituent securities are covered in the Corporate Actions and Events Guide.

8.3 Mergers, acquisitions and spin-offs

- 8.3.1 Where two FTSE Blossom Japan Index constituents merge, or one FTSE Blossom Japan Index constituent is acquired by another constituent, the resulting company will remain a constituent.
- 8.3.2 If a constituent of the FTSE Blossom Japan Index acquires a non-constituent, the resulting entity will remain a constituent of the index.
- 8.3.3 If an existing constituent is acquired by a non-constituent, the resulting entity will be deleted from the FTSE Blossom Japan Index. The eligibility of the resulting entity will be assessed in full at the next semi-annual review occurring at least six months after the takeover.
- 8.3.4 If a constituent splits and forms two or more companies and any of the new entities are retained in the FTSE Japan All Cap Index, those new entities will be retained in the FTSE Blossom Japan Index. The eligibility of the resulting companies will be assessed in full at the next semi-annual review occurring at least six months after the demerger.

FTSE Russell 12 of 21

8.3.5 FTSE Russell may, in exceptional circumstances, convene a special meeting to advise on the eligibility of corporate entities arising from corporate events where these events give rise to immediate concern as to the eligibility of the resulting companies in FTSE Blossom Japan Index. FTSE Russell may determine that the circumstances are such that one or more of the resulting companies will be ineligible for inclusion in the FTSE Blossom Japan Index.

8.4 Suspension of dealing

Suspension of dealing rules can be found within the Corporate Actions and Events Guide.

FTSE Russell 13 of 21

Industry classification benchmark (ICB)

- 9. Industry classification benchmark (ICB)⁸
- 9.1 Classification structure
- 9.1.1 Index constituents are classified into industries, supersectors, sectors and subsectors, as defined by the ICB.
- 9.1.2 Details of the ICB are available from FTSE Russell and published on the FTSE Russell website (www.lseg.com/en/ftse-russell/) and can be accessed using the following link:

Industry_Classification_Benchmark

FTSE Russell 14 of 21

⁸ FTSE indices migrated to the new ICB classification system in March 2022.

Index weighting

10. Index weighting

- 10.1 The FTSE Blossom Japan Index applies the following index weighting methodology at each semi-annual index review in June and December:
 - 1. The ICB industry weight of each industry in the FTSE Blossom Japan Index is equal to the corresponding industry weight of the FTSE Japan All Cap Index.
 - 2. The maximum individual stock weight, W_i^{Max} of stock i in the FTSE Blossom Japan Index is the lower of 15% of the FTSE Blossom Japan Index and 20 times its index weight W_i in the FTSE Japan All Cap Index.

$$W_i^{Max} = Min(0.15, 20 \times W_i)$$

Each industry constraint IC_k is the sum of the maximum stock weights:

$$IC_k = \sum_i W_{ik}^{Max}$$

for all stocks in industry k.

3. The industry target weight ITW_k is set equal to the minimum of the industry constraint IC_k and the FTSE Japan All Cap Index industry weight IW_k :

$$ITW_k = Min(IC_k, IW_k)$$

The industry target weights ITW_k are then normalised to $ITWN_k$ to ensure the sum of industry target weights is equal to one. Excess industry weight after normalisation ($ITWN_k - IC_k > 0$) is reallocated proportionately to the remaining industries ($ITWN_k - IC_k < 0$). The process is repeated until all industry constraints are satisfied.

4. The weight constituent i, W_{ik}^{final} within each industry k of the FTSE Blossom Japan Index are rescaled to achieve the industry target weight, $ITWN_k$:

$$W_{ik}^{final} = W_{ik} \times ITWN_k/IW4G_k$$

where $IW4G_k = \sum_i W_{ik}$ is the weight of industry k in the underlying universe. Weight in excess of the maximum stock weight is redistributed pro-rata across the remaining constituents within the same industry. The process is repeated until all the stock constraints are satisfied.

Index weighting is applied using prices adjusted for corporate actions at the close of business on the first Friday in June and December. Index weighting is implemented after the close of business on the third Friday (i.e. effective the following Monday) of June and December based on the constituents' shares in issue and free float on the Monday following the third Friday of the review month.

FTSE Russell 15 of 21

Appendix A

Foreign exchange rates

The foreign exchange rates used in the calculation of the FTSE Blossom Japan Index are WM/Refinitiv real-time spot rates.

The Japanese Yen is the base currency for all index calculations. Non-Japanese Yen-denominated constituent prices are converted into Japanese Yen in order to calculate the index.

The foreign exchange rates received from Refinitiv at 06:20 (UK time) are the bid rates and are used to calculate the final index levels. These are termed the closing foreign exchange rates.

FTSE Russell 16 of 21

Appendix B

Climate subsector groups

Primary impact subsector category		Secondary	Secondary impact subsector category	
533	Exploration and production	583	Renewable energy equipment	
537	Integrated oil and gas	587	Alternative fuels	
573	Oil equipment and services	2717	Defence	
577	Pipelines	2723	Containers and packaging	
1353	Commodity chemicals	2727	Diversified industrials	
1357	Speciality chemicals	2733	Electrical components and equipment	
1733	Forestry	2737	Electronic equipment	
1737	Paper	2757	Industrial machinery	
1753	Aluminium	2771	Delivery services	
1755	Nonferrous metals	2775	Railroads	
1757	Iron and steel	2777	Transportation services	
1771	Coal	2791	Business support services	
1773	Diamonds and gemstones	2793	Business training and employment agencies	
1775	General mining	2795	Financial administration	
1777	Gold mining	2797	Industrial suppliers	
1779	Platinum and precious metals	3355	Auto parts	
2353	Building materials and fixtures	3357	Tires	
2357	Heavy construction	3533	Brewers	
2713	Aerospace	3535	Distillers and vintners	
2753	Commercial vehicles and trucks	3537	Soft drinks	
2773	Marine transportation	3573	Farming and fishing	
2779	Trucking	3577	Food products	
2799	Waste and disposal services	3722	Durable household products	
3353	Automobiles	3724	Nondurable household products	
7573	Gas distribution	3726	Furnishings	
7575	Multiutilities	3728	Home construction	
5751	Airlines	3743	Consumer electronics	
7535	Conventional electricity	3745	Recreational products	
		3747	Toys	
		3763	Clothing and accessories	
		3765	Footwear	

FTSE Russell 17 of 21

3767 Personal products 3785 Tobacco 3785 Tobacco 3785 Tobacco 3785 Tobacco 3785 Tobacco 3785 Tobacco 3785 Medical equipment 3787 Medical supplies 3787 Medical supplies 3787 Medical supplies 3787 Medical supplies 3887 38888 38888 38888 38888 38888 3888 3888 3888 38888 38888 38888 38888 3888	Primary impact subsector category	Secondary i	impact subsector category
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4535 Medical equipment		3785	
4535 Medical equipment	-		
4537 Medical supplies	-	4535	
4573 Biotechnology			
4577 Pharmaceuticals	-	4573	
5337 Food retailers and wholesalers 5371 Apparel retailers 5373 Broadline retailers 5375 Home improvement retailers 5377 Specialised consumer services 5379 Speciality retailers 5553 Broadcasting and entertainment 5555 Media agencies 5557 Publishing 5752 Gambling 5753 Hotels 5754 From the services 5755 Recreational services 5757 Restaurants and bars 5758 Travel and tourism 6535 Fixed-line telecommunications 6535 Fixed-line telecommunications 6536 Mobile telecommunications 7537 Alternative electricity 7577 Water 8355 Banks 8532 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8537 Reinsurance 8675 Life insurance	-	4577	
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5373 Broadline retailers		5337	
5373 Broadline retailers			Apparel retailers
S377 Specialised consumer services	-	5373	
5379 Speciality retailers 5553 Broadcasting and entertainment 5555 Media agencies 5567 Publishing 5752 Gambling 5753 Hotels 5755 Recreational services 5757 Restaurants and bars 5759 Travel and tourism 6535 Fixed-line telecommunications 6575 Mobile telecommunications 7577 Water 8355 Banks 8522 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8539 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs	-	5375	Home improvement retailers
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7537 Alternative electricity 7577 Water 8355 Banks 8532 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		6535	Fixed-line telecommunications
7577 Water 8355 Banks 8532 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		6575	Mobile telecommunications
8355 Banks 8532 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		7537	Alternative electricity
8532 Full-line insurance 8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		7577	Water
8534 Insurance brokers 8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8355	Banks
8536 Property and casualty insurance 8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8532	Full-line insurance
8538 Reinsurance 8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8534	Insurance brokers
8575 Life insurance 8633 Real estate holding and development 8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8536	Property and casualty insurance
8633 Real estate holding and development 8637 Real estate services 8631 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8538	Reinsurance
8637 Real estate services 8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8575	Life insurance
8671 Industrial and office REITs 8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8633	Real estate holding and development
8672 Retail REITs 8673 Residential REITs 8674 Diversified REITs		8637	Real estate services
8673 Residential REITs 8674 Diversified REITs		8671	Industrial and office REITs
8674 Diversified REITs		8672	Retail REITs
		8673	Residential REITs
8675 Speciality REITs		8674	Diversified REITs
		8675	Speciality REITs

FTSE Russell 18 of 21

Primary impact subsector category	Secondary impact subsector category	
	8676	Mortgage REITs
	8677	Hotel and lodging REITs
	8771	Asset managers
	8773	Consumer finance
	8775	Speciality finance
	8777	Investment services
	8779	Mortgage finance
	8985	Equity investment instruments
	9533	Computer services
	9535	Internet
	9537	Software
	9572	Computer hardware
	9574	Electronic office equipment
	9576	Semiconductors
	9578	Telecommunications equipment

FTSE Russell 19 of 21

Appendix C

Further information

A Glossary of Terms used in FTSE Russell's Ground Rule documents can be found using the following link:

Glossary.pdf

The FTSE Russell Sustainable Investment Metrics website can be found using the following link: <u>Sustainable Investment Metrics</u>

Further information on the FTSE Blossom Japan Index is available from FTSE Russell or on the website: www.lseg.com/en/ftse-russell/.

FTSE Russell 20 of 21

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