



Citi RAFI Bonds Index Series



CITI RAFI BONDS INDEX SERIES

Citi Fixed Income Indices (Citi) and Research Affiliates have developed a new series of investable bond indices based on the RAFI® Fundamental Index® methodology.

The Citi RAFI Bonds Index Series includes sovereign and corporate bond indices and uses fundamental measures to weight the index components. The Citi RAFI Bonds Index Series weights index components by the issuer’s economic footprint and proxies for its ability to service debt. This provides an alternative to market capitalization weighting, where index components are weighted by the issuer’s amount of outstanding debt.

A STRATEGIC PARTNERSHIP

Citi brings its expertise and experience in fixed income index related products and services to provide stable and replicable indices.

Research Affiliates brings its research strength, product development capabilities and pioneering proprietary methodology on securities selection and weighting based on fundamental measures.

The Citi RAFI Bonds Index Series is available in The Yield Book, Citi’s web-based analytical tool that enables clients to manage their portfolios against various indices, analyze portfolio positions, quantify risk and identify drivers of performance.

The Citi RAFI Bonds Index Series includes:

Citi RAFI Bonds Index Series				
Citi RAFI Sovereign Developed Markets Bond Index Series		Citi RAFI Sovereign Emerging Markets Local Currency Bond Index Series		Citi RAFI World Corporate Investment-Grade Bond Index
Master	Liquid	Master	Liquid	Master



Research Affiliates' Innovative Fundamental Index[®] Methodology

An alternative approach to securities weighting

Traditional fixed income indices use market capitalization weights which tend to increase exposure to issuers as they become more indebted.

Research Affiliates has developed an innovative methodology for constructing indices which determines component weightings based on fundamental measures.

The essence of this approach is to focus on capturing the economic "footprint" of a sovereign or company, which is correlated with its ability to service its debt.

Simultaneously, Research Affiliates' Fundamental Index[®] methodology preserves the advantages of passive investing:

- Diversification
- Liquidity
- Transparency
- Broad economic representation
- Limited transaction costs

Sovereign index methodology

Holdings are weighted based on metrics that signify the importance of a country in the world economy:

Population | GDP | Energy consumption | Rescaled land area

Corporate index methodology

Holdings are weighted based on two measures that reflect a company's debt service capacity:

Cash flow | Long-term assets

Note that the Fundamental Index[®] factors

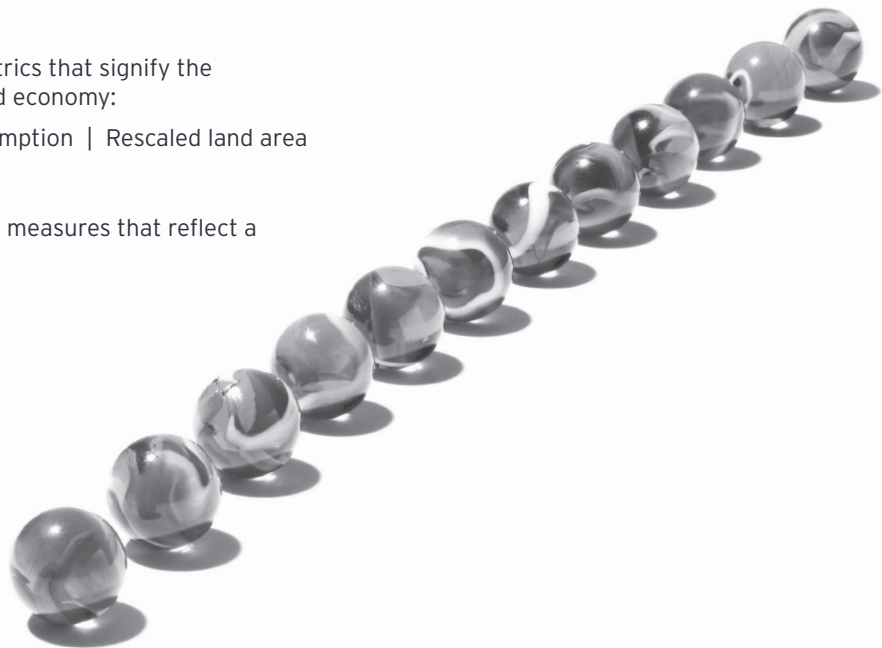
- are not correlated, or have very low correlation, with market value
- are not affected by investor behavior
- reflect objective measures of relative size

An approach for an inefficient market

Research Affiliates believes that markets are not perfectly efficient and that this inefficiency is particularly evident in the sovereign debt markets.

Why should someone deliberately choose to lend more to entities who are more deeply in debt?

Weighting countries based on their economic fundamentals instead of their outstanding debt moderates exposure to more indebted countries.





Citi indices offer a broad array of currencies, regions, asset classes and credit qualities

Citi's Expertise in Index Design and Production

A recognized fixed income index provider with more than 30 years of experience

Experience in indexing

Citi has been producing fixed income indices for more than 30 years. Citi's indices have been widely used in ETFs, structured products and swaps.

Desirable index qualities

Indices are governed by objective design criteria, striking a balance between comprehensiveness and replicability. These index qualities are important to active managers, who strive to beat their benchmark, and to passive managers, who strive to minimize tracking error.

Coverage

Citi's fixed income indices offer a broad array of currencies, regions, asset classes, and credit qualities.

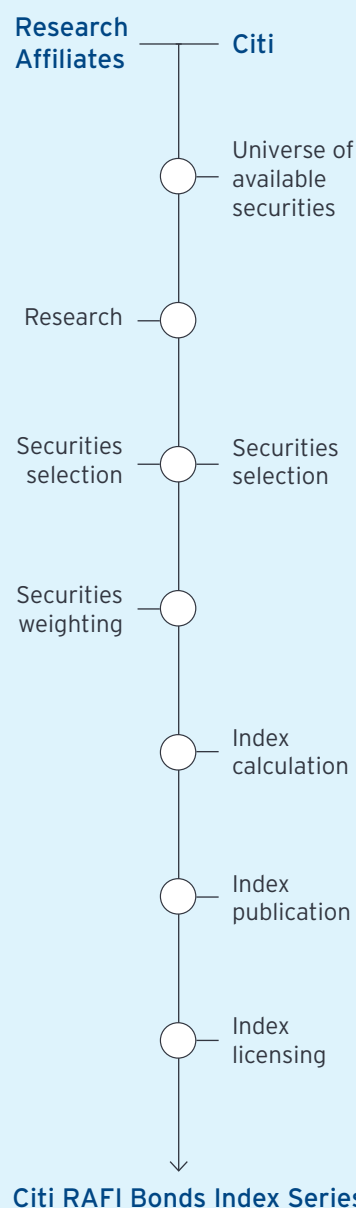
Fixed income analytics

All Citi's fixed income indices are available in The Yield Book, Citi's portfolio analytics system for index analysis and risk management.

Accessibility

For more information about the Citi RAFI Bonds Index Series, please go to:

- Citi Fixed Income Indices website:
www.yieldbook.com/m/indexes/citi-rafi-bond-index-series/
- Research Affiliates website:
www.researchaffiliates.com
- The Yield Book
- Bloomberg:
 - CRFDMU - Citi RAFI Sovereign Developed Markets Bond Index Master in USD terms
 - CRFDU - Citi RAFI Sovereign Developed Markets Bond Index Liquid in USD terms
 - CRFELMU - Citi RAFI Sovereign Emerging Markets Local Currency Bond Index Master in USD terms
 - CRFEMLU - Citi RAFI Sovereign Emerging Markets Local Currency Bond Index Liquid in USD terms
 - CRFWCIGU - Citi RAFI World Corporate Investment-Grade Bond Index in USD terms



www.yieldbook.com/citi-indices

FOR MORE INFORMATION ABOUT THE CITI RAFI BONDS INDEX SERIES, PLEASE CONTACT:

Citi

The Americas

Jayni Kosoff
David Craft
+1 212 816 0700
fi.index@citi.com

Asia Pacific

Zhanying Li
Meng Chu Lee
+852 2501 2358
fi.index@citi.com

EMEA

Christopher J. Jenkins
Anand Venkataraman
+44 20 7986 3200
fi.index@citi.com

Japan

Ryuichi Urino
Andre Kasmara
Yoshie Yasuhiro
+81 3 6270 7225
fi.index.tk@citi.com

Research Affiliates

US

Jeff Wilson
+1 949 325 8777
wilson@rallc.com

Research Affiliates Global Advisors (Europe) Limited

United Kingdom

Michael Larsen
+44 7946 728 105
larsen@rallc.com

United Kingdom

Helge Kostka
+44 7909 539 986
kostka@rallc.com

Research Affiliates Global Advisors Limited

Greater China

Broken Tuan
+86 135 0128 8551
tuan@rallc.com

IMPORTANT INFORMATION

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Research Affiliates, a global leader in innovative investing and asset allocation strategies, operates worldwide from its base in Newport Beach, California. 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 direct asset management, sub-advisory services, and licensing agreements.

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