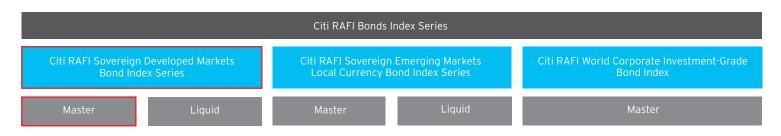


# Citi Fixed Income Indices

November 30, 2014

# Citi RAFI Sovereign Developed Markets **Bond Index Series**

The Citi RAFI Sovereign Developed Markets Bond Index Series seeks to reflect exposure to the government securities of a universe of 23 developed markets. By weighting components by their fundamentals, the indices aim to represent each country's economic footprint and ability to service debt.



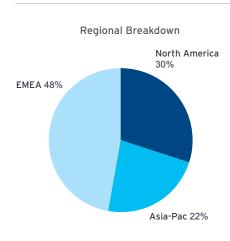
The Master Index represents the entire universe of eligible bonds within the selected countries.

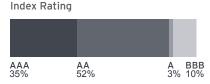
The Liquid Index aims to replicate the return and duration of the Master Index using a subset of readily-investable bonds within the universe of eligible bonds.

# SUMMARY STATISTICS (as of 11/30/14)

	Average Life (yrs)	Average Coupon (%)	Average Credit Rating	Average Yield (%)	Modified Duration	# of Issues
Citi RAFISov Dev Markets Bond Index	7.91	3.04	AA+	1.27	6.68	962
Theoretical Market Cap Equivalent <sup>2</sup>	8.34	2.54	AA	1.05	7.09	962

# REGION AND RATING SUMMARY (as of 11/30/14)

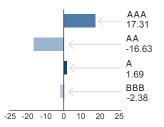




## Comparative Analysis of Market Value % by Rating

	Citi RAFI Sov Dev Markets Bond Index	Theoretical Market Cap Equivalent	(Citi RAFI Sov Dev Markets Bond Index) - (Theoretical Market Cap Equivalent)			
AAA	35.09	17.77	17.31			
AA	52.55	69.18	-16.63			
Α	2.64	0.95	1.69			
ввв	9.72	12.1	-2.38			

(Citi RAFI Sov Dev Markets Bond Index) - (Theoretical Market Cap Equivalent)



Source: Citi, Research Affiliates LLC.

¹Citi RAFI Sovereign Developed Markets Bond Index Master. ²Theoretical Market Cap Equivalent is a theoretical index designed with the same components as the Citi RAFI Sovereign Developed Markets Bond Index Master, but using market capitalization instead of fundamental weighting.





# COMPARATIVE ANALYSIS OF MARKET VALUE % BY COUNTRY (as of 11/30/14)

	Citi RAFI Sov Dev		(Citi RAFI Sov Dev Markets	Citi RAFI Sov Dev Markets Bond Index		
	Markets Bond Index	Market Cap Equivalent	Bond Index) - (Theoretical Market Cap Equivalent)	Yield	Modified Duration	
Japan	8.11	22.86	-14.75	0.46	8.85	
United States	21.93	30.17	-8.24	1.29	5.34	
Italy	5.11	7.84	-2.73	1.58	6.65	
France	5.95	7.81	-1.86	0.68	7.45	
United Kingdom	5.42	6.38	-0.96	1.84	10.52	
Belgium	1.93	2.11	-0.18	0.77	7.89	
Germany	6.77	6.52	0.25	0.45	7.08	
Spain	4.62	4.26	0.36	1.37	6.32	
Netherlands	2.46	2.09	0.37	0.53	7.23	
Austria	1.82	1.30	0.51	0.58	7.75	
Ireland	1.35	0.66	0.69	0.77	5.49	
Denmark	1.36	0.57	0.78	0.68	9.11	
Israel	1.29	0.29	1.00	1.23	5.13	
Singapore	1.45	0.30	1.15	1.57	6.27	
Switzerland	1.62	0.27	1.36	0.06	5.07	
Finland	2.03	0.51	1.51	0.47	6.54	
Czech Republic	1.85	0.22	1.63	0.47	5.71	
New Zealand	1.87	0.21	1.66	3.77	4.86	
Norway	2.04	0.22	1.82	1.54	5.27	
Sweden	2.55	0.39	2.16	0.58	6.58	
Korea	4.60	1.89	2.71	2.37	6.32	
Australia	6.24	1.31	4.93	2.78	5.72	
Canada	7.63	1.81	5.82	1.53	6.84	

# RETURNS (in %, as of 11/30/14)

	Citi RAFISov Dev Markets Bond Index					Theoretical Market Cap Equivalent						
	USD Unhedged	USD Hedged	EUR Unhedged	EUR Hedged	GBP Unhedged	GBP Hedged	USD Unhedged	USD Hedged	EUR Unhedged	EUR Hedged	GBP Unhedged	GBP Hedged
Index Level	238.48	182.66	174.22	182.5	223.81	208.41	201.04	179.87	146.86	179.71	188.67	205.06
YTD <sup>3</sup>	1.14	8.02	11.79	8.03	6.96	8.35	0.20	7.47	10.75	7.47	5.97	7.79
1 year	0.80	7.37	10.09	7.40	5.43	7.73	-0.71	6.74	8.44	6.76	3.86	7.10
3 years	2.10	4.66	4.75	4.57	2.25	4.93	-0.42	4.61	2.17	4.50	-0.27	4.87
5 years	2.43	4.12	6.31	4.23	3.40	4.43	0.86	3.99	4.68	4.08	1.80	4.28
Inception	6.82	4.68	4.31	4.67	6.31	5.74	5.45	4.56	2.96	4.55	4.94	5.61

Source: Citi, Research Affiliates LLC.

Performance may be positive or negative. Past performance is not an indication of future results. Historical data used from index inception date of 09/30/2001 (index = 100) until 12/30/2011. Live data used since 12/31/2011.

<sup>&</sup>lt;sup>3</sup> Not Annualized.



### **KEY FACTS**

Maturity breakdown A standard maturity breakdown: 1-3, 3-5, 5-7, 7-10 and 10+ is available. Additional maturity buckets

are also available.

Minimum maturity At least one year

Minimum outstanding Each country will follow the Citi Index Methodology<sup>4</sup>

Minimum credit quality BBB- by S&P or Baa3 by Moody's

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Weighting RAFI® Methodology<sup>5</sup>

> The weights for each country will be determined once per year. Holdings are weighted based on metrics that signify the importance of a country in the world economy and are unrelated to a country's amount of

debt outstanding.

Calculation frequency Daily

Settlement date convention Monthly - Settlement is on the last calendar day of the month.

Daily - Same day settlement except if the last business day of the month is not the last calendar day of

the month; then, settlement is on the last calendar day of the month.

Rebalancing

Cash flow reinvestment Daily average of local currency one-month Eurodeposit rate.

**Bond valuations** 

Base date September 30, 2001

Included markets Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Ireland, Israel,

Italy, Japan, Korea, Netherlands, New Zealand, Norway, Singapore, Spain, Sweden, Switzerland,

United Kingdom, and United States

Currencies Australian Dollar (AUD), Canadian Dollar (CAD), Czech Koruna (CZK) Danish Krone (DKK), Euro (EUR),

Israeli Shekel (ILS), Japanese Yen (JPY), Korean Won (KRW), New Zealand Dollar (NZD), Norwegian Krone

(NOK), Singapore Dollar (SGD), Swedish Krona (SEK), Swiss Franc (CHF), UK Sterling (GBP), and US Dollar (USD)

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

· Citi Fixed Income Index website: http://www.yieldbook.com/m/indexes/citi-rafi-bond-index-series/

· Research Affiliates website: www.researchaffiliates.com

• The Yield Book

CRFDMU - Citi RAFI Sovereign Developed Markets Bond Index Master in USD terms Bloomberg

CRFDU - Citi RAFI Sovereign Developed Markets Bond Index Liquid in USD terms

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<sup>&</sup>lt;sup>4</sup> For more information, please refer to the Citi Fixed Income Index Guide. <sup>5</sup> Please see Important Information section.



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