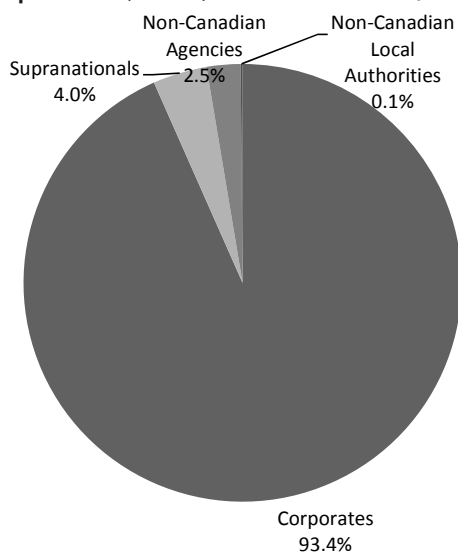


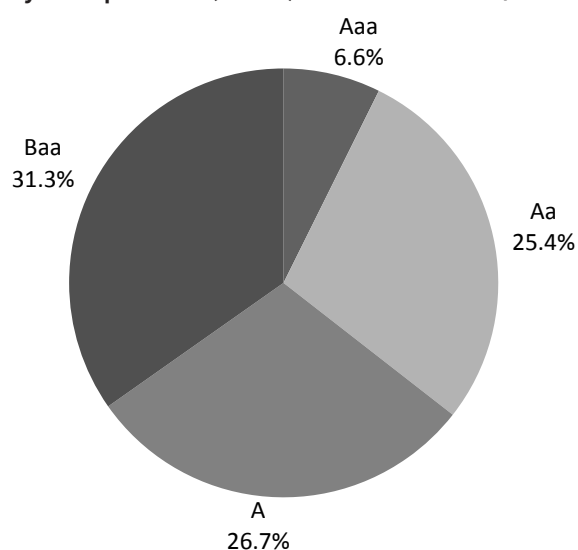
Global Aggregate Canadian Credit Float Adjusted Bond Index

The Bloomberg Barclays Global Aggregate Canadian Credit Float Adjusted Bond Index measures fixed rate investment grade credit debt denominated in CAD. It is composed of corporates and a non-corporate component that includes non-Canadian agencies, non-Canadian local authorities, supranationals and sovereigns, and is a subset of the Global Aggregate Float Adjusted Index. The index inception date is October 1, 2016.

Sector Composition (MV%) as of October 31, 2016



Quality Composition (MV%) as of October 31, 2016



Rules for Inclusion

Eligible Currencies

Principal and coupon must be denominated in CAD.

Quality

Securities must be rated investment grade (Baa3/BBB-/BBB- or higher) using the middle rating of Moody's, S&P and Fitch; when a rating from only two agencies is available, the lower is used; when only one agency rates a bond, that rating is used. In cases where explicit bond-level ratings may not be available, other sources may be used to classify securities by credit quality:

- Hard currency sovereign issues are classified using the middle issuer-level hard currency debt ratings from each agency for all outstanding bonds, even if bond-level ratings are available.
- Expected ratings at issuance may be used to ensure timely index inclusion or to classify split-rated issuers properly.
- Unrated securities may use an issuer rating for index classification purposes, if available. Unrated subordinated securities are included if a subordinated issuer rating is available.

Sector

- Corporates (Industrials, Financial Institutions, Utilities).
- Non-Canadian Agencies, Non-Canadian Local Authorities, Sovereigns, Supranationals.

Coupon

- Fixed-rate coupon (including zero coupon).
- Callable fixed-to-floating rate bonds are eligible during their fixed-rate term only.
- Bonds with a step-up coupon that changes according to a predetermined schedule are eligible.

Amount Outstanding

CAD 300mn minimum par amount outstanding.

Rules for Inclusion

Maturity	<ul style="list-style-type: none">• At least one year until final maturity, regardless of optionality.• Bonds that convert from fixed to floating rate, including fixed-to-float perpetuals, will exit the index one year prior to conversion to floating rate. Fixed-rate perpetuals are not included.	
Market of Issue	Publicly issued in the global and regional markets.	
Seniority of Debt	Senior and subordinated issues are included.	
Taxability	<ul style="list-style-type: none">• Only fully taxable issues are eligible.• Dividend Received Deduction (DRD) and Qualified Dividend Income (QDI) eligible securities are excluded.	
Security Types	Included <ul style="list-style-type: none">• Bullet, puttable, sinkable/amortizing and callable bonds• Original issue zero coupon bonds• Bonds issued through underwritten MTN programs• Enhanced equipment trust certificates (EETC)• Certificates of deposit• Fixed-rate and fixed-to-float (including fixed-to-variable) capital securities• Loan participation notes	Excluded <ul style="list-style-type: none">• Contingent capital securities, including traditional CoCos and contingent write-down securities, with explicit capital ratio or solvency/balance sheet-based triggers• Bonds with equity type features (eg, warrants, convertibles, preferreds, DRD/QDI-eligible issues)• Inflation-linked bonds, floating-rate issues• Fixed-rate perpetuals• Private placements, retail bonds• Structured notes, pass-through certificates• Illiquid securities where reliable pricing is unavailable

Rebalancing Rules

Frequency	For each index, Bloomberg maintains two universes of securities: the Returns (Backward) and the Projected (Forward) Universes. The composition of the Returns Universe is rebalanced at each month-end and represents the fixed set of bonds on which index returns are calculated for the next month. The Projected Universe is a forward-looking projection that changes daily to reflect issues dropping out of and entering the index but is not used for return calculations. On the last business day of the month (the rebalancing date), the composition of the latest Projected Universe becomes the Returns Universe for the following month.
Index Changes	During the month, indicative changes to securities (credit rating change, sector reclassification, amount outstanding changes, corporate actions, and ticker changes) are reflected daily in the Projected and Returns Universe of the index. These changes may cause bonds to enter or fall out of the Projected Universe of the index on a daily basis, but will affect the composition of the Returns Universe at month-end only, when the index is next rebalanced.
Reinvestment of Cash Flows	Intra-month cash flows from interest and principal payments contribute to monthly index returns but are not reinvested at a short-term reinvestment rate between rebalance dates. At each rebalancing, cash is effectively reinvested into the Returns Universe for the following month so that index results over two or more months reflect monthly compounding.
New Issues	Qualifying securities issued, but not necessarily settled on or before the month-end rebalancing date, qualify for inclusion in the following month's index if the required security reference information and pricing are readily available.

Pricing and Related Issues

Sources & Frequency	All index-eligible bonds are priced on a daily basis by third-party pricing sources.
Pricing Quotes	Prices from third-party sources are quoted as a percentage of par.
Timing	<ul style="list-style-type: none">• 4pm (Toronto time)

Pricing and Related Issues

	<ul style="list-style-type: none"> If the last business day of the month is a public holiday, prices from the previous business day are used.
Bid or Offer Side	Bonds in the index are priced on the bid side.
Settlement Assumptions	T+1 calendar day settlement basis for all bonds. At month-end, settlement is assumed to be the first calendar day of the following month, even if the last business day is not the last day of the month, to allow for one full month of accrued interest to be calculated.
Verification	Daily price moves for each security are analyzed by the index pricing team. Index users may also challenge price levels, which are then reviewed and updated as needed using input from various sources.
Calendar	The Global Aggregate Canadian Credit Float Adjusted Bond Index follows the US bond market holiday schedule.

Accessing Index Data

Bloomberg Professional® service	<p>Bloomberg benchmarks are the global standard for capital markets investors.</p> <ul style="list-style-type: none"> INDEX<Go> – The Bloomberg Indices landing page is a dashboard for index-related information on the terminal. Find daily and monthly index returns for key indices from each index family as well as index publications including methodologies, factsheets, monthly reports, updates and alerts. IN<Go> – The Bloomberg Index Browser displays the latest performance results and statistics for the indices as well as history. IN presents the indices that make up Bloomberg's global, multi-asset class index families into a hierarchical view, facilitating navigation and comparisons. The "My Indices" tab allows a user to focus on a set of favorite indices. PORT<Go> – Bloomberg's Portfolio & Risk Analytics solution includes tools to analyze the risk, return, and current structure of indices. Analyze the performance of a portfolio versus a benchmark or use models for performance attribution, tracking error analysis, value-at-risk, scenario analysis, and optimization. DES<Go> – The index description page provides transparency into an individual index including membership information, aggregated characteristics and returns, and historical performance.
Bloomberg Indices Website (www.bloombergindices.com)	<p>The index website makes available limited index information including:</p> <ul style="list-style-type: none"> Index methodology and factsheets Current performance numbers for select indices
Data Distribution	<p>Index subscribers may choose to receive index data in files. Files may include:</p> <ul style="list-style-type: none"> Index level and/or constituent level returns and characteristics for any indices Automatic delivery of files via email or SFTP following the completion of the index production process after market close Clients may receive standard files or may customize file contents Index data is also available via authorized redistributors

Bloomberg Total Return Index Value Ticker

Ticker (CAD Unhedged) Index

BCRFTRDU	Global Aggregate Canadian Credit Float Adjusted Index
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Total Return Index Values are available in other currencies and on a hedged basis. Attributes such as yield and duration, are also available. Please refer to Accessing Bloomberg Barclays Index Data Using Bloomberg Tickers for a full list of tickers and attributes that are available.

Index Licensing

Bloomberg requires index data licenses for services and products linked to the Indices

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New York

+1-212-617-5020

London

+44-20-3525-9976

Singapore

+65-6321-1449

Hong Kong

+852-2293-1346

Tokyo

+81-3-3201-7024

Sydney

+61-2-9777-7208

indexhelp@bloomberg.net

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