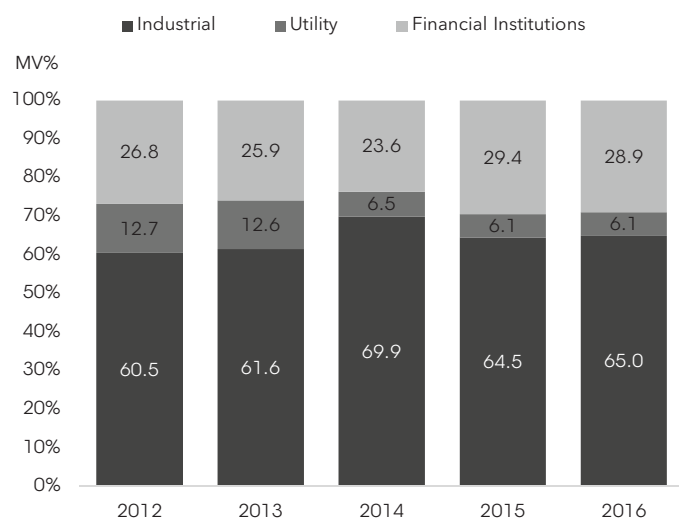


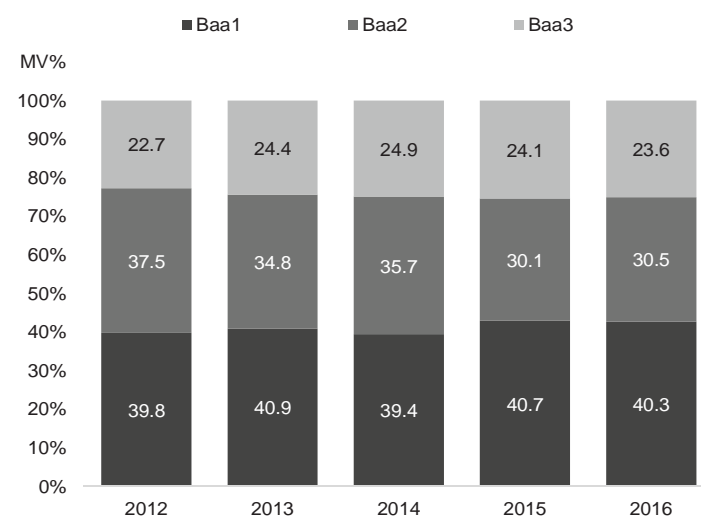
US Corporate BBB 1-5 Year Index

The Bloomberg Barclays US Corporate BBB 1-5 Year Bond Index measures the investment grade, fixed-rate, taxable corporate bond market. It includes USD-denominated securities publicly issued by US and non-US industrial, utility and financial issuers with a maturity between 1 and 5 years. The US Corporate BBB 1-5 Year Index is a subset of the US Corporate Index. The index was launched in May 2016, with index history backfilled to November 1, 2006.

Historical Composition by Sector (MV%) - Trailing 5 Years



Historical Composition by Quality (MV%) - Trailing 5 Years



Rules for Inclusion

Sector	Corporate (industrial, utility and financial institutions) issuers only.
Eligible Currencies	Principal and interest must be denominated in USD.
Quality	<p>Securities must be rated between Baa1 and Baa3 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:</p> <ul style="list-style-type: none"> • Expected ratings at issuance may be used to ensure timely index inclusion or to properly classify split-rated issuers. • 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.
Amount Outstanding	<p>USD250mn minimum par amount outstanding.</p> <p><i>As previously announced, the minimum amount outstanding for US Aggregate Indices will be raised to USD300mn from USD250mn for Treasury, Government-Related and Corporate securities as of April 1, 2017.</i></p>
Coupon	<ul style="list-style-type: none"> • Fixed-rate 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.
Maturity	<ul style="list-style-type: none"> • At least one year and up to, but not including, 5 years remaining to final maturity, regardless of optionality.

Rules for Inclusion

- Bonds that convert from fixed to floating rate, including fixed-to-float perpetual, will exit the index one year prior to conversion to floating-rate. Fixed-rate perpetual bonds are not included.
- Sub-indices based on maturity are inclusive of lower bounds.

Taxability

- Only fully taxable issues are eligible.
- Dividend Received Deduction (DRD) and Qualified Dividend Income (QDI) eligible securities are excluded.

Seniority of Debt

Senior and subordinated issues are included.

Market of Issue

- SEC-registered securities, bonds exempt from registration at the time of issuance and SEC Rule 144A securities with registration rights are eligible. A security with both SEC Regulation-S (Reg-S) and SEC Rule 144A tranches is treated as one security for index purposes. The 144A tranche is used to prevent double-counting and represents the combined amount outstanding of the 144A and Reg-S tranches.
- Global bonds are included.
- Bonds that were previously SEC-registered or 144A with registration rights but later deregistered by the issuer remain index eligible.

Security Types

Included

- Bullet, puttable, sinkable/amortizing and callable bonds
- Original issue zero coupon bonds
- Underwritten MTN
- Enhanced equipment trust certificates (EETC)
- Certificates of deposit
- Fixed-rate and fixed-to-float (including fixed-to-variable) capital securities

Excluded

- 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
- Taxable and tax-exempt municipal securities, covered bonds
- Private placements, retail bonds
- USD25/USD50 par bonds
- Structured notes, pass-through certificates
- Illiquid securities with no available internal or third-party pricing source
- Formosa Bonds

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.

Rebalancing Rules

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.
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Pricing and Related Issues

Sources & Frequency	All bonds in the index are priced daily using Bloomberg's evaluated pricing service, BVAL.
Timing	<ul style="list-style-type: none"> 3pm (New York time). On early market closes, prices are taken as of 1pm (New York time), unless otherwise noted. If the last business day of the month is a public holiday, prices from the previous business day are used.
Bid or Offer Side	<ul style="list-style-type: none"> Bonds in the index are priced on the bid side. The initial price for new corporate issues entering the index is the offer side; after the first month, the bid price is used.
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 to identify outliers. Index users may also challenge price levels, which are then reviewed and updated as needed using input from various sources.
Currency Hedging	Returns hedged to various non-USD currencies are published for the US Corporate Index. The indices' FX hedging methodology takes rolling one-month forward contracts that are reset at the end of each month and hedges each non-reporting currency-denominated bond in the index into the reporting currency terms. No adjustment is made to the hedge during the month to account for price movements of constituent securities in the returns universe of the index.
Calendar	The US Corporate Index follows the US bond market holiday schedule.

Monthly Returns in USD, 2006-2016 (%)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2006	-	-	-	-	-	-	-	-	-	-	0.95	-0.20	0.75
2007	0.25	1.36	0.29	0.5	-0.48	0.19	0.31	0.53	0.57	0.64	0.51	0.11	4.88
2008	1.76	0.19	-1.01	0.53	0.02	-0.16	-0.24	0.68	-2.87	-7.22	1.39	1.54	-5.59
2009	4.07	-0.56	0.03	4.07	3.3	2.1	2.29	1.85	1.42	0.81	1.6	0.12	23.13
2010	1.64	0.45	0.34	0.99	-0.2	0.74	1.34	0.64	0.85	0.79	-0.44	-0.62	6.7
2011	0.91	0.28	0.11	1.19	0.83	-0.15	1.08	-0.45	-0.76	1.06	-0.73	0.63	4.02
2012	1.6	0.9	0.21	0.52	-0.12	0.32	1.19	0.6	0.8	0.64	0.16	0.24	7.26
2013	0.15	0.49	0.23	0.58	-0.37	-1.13	0.75	-0.23	0.81	0.77	0.44	-0.23	2.28
2014	0.67	0.47	-0.08	0.57	0.59	0	-0.08	0.42	-0.38	0.37	0.25	-0.55	2.25
2015	0.98	-0.02	0.4	0.18	0.08	-0.46	0.17	-0.32	0.47	0.13	-0.2	-0.57	0.82
2016	0.08	0.07	1.66	0.77	0.00	1.01	0.55	0.14	0.19	0.04	-0.95	0.23	3.84

March 6, 2016

Index History

April 1, 2017	Liquidity constraint raised to USD300mn from USD250mn
June 1, 2014	Global classification scheme modified to incorporate new sectors, sector name changes and sector retirements.
April 1, 2013	Loan Participation notes (LPNs) eligible for the index.
January 1, 2008	Fixed-to-floating rate perpetual securities without a coupon step-up on their first call date eligible for inclusion.
July 1, 2005	Fitch ratings added to Moody's and S&P to determine index eligibility and classification.
July 1, 2004	Liquidity constraint raised to USD250mn.
October 1, 2003	Liquidity constraint raised to USD 200mn from USD150mn. Started using the most conservative rating of Moody's and S&P to determine index eligibility instead of Moody's only for split-rated securities.
July 1, 2000	Absorbed all Yankee corporates into their respective industry and sector classifications.
July 1, 1999	Liquidity constraint raised to USD150mn from USD100mn.
January 1, 1994	Liquidity constraint raised to USD100mn from USD50mn.
January 1, 1990	Liquidity constraint raised to USD100mn from USD25mn.
August 1, 1988	Liquidity constraint raised to USD25mn from USD1mn.
January 1, 1979	US Corporate Index introduced, with historical data backfilled to January 1973.

Sub-indices and Index Customizations

Bloomberg publishes numerous sub-indices of flagship indices and bespoke benchmarks created for specific index users. Several types of bespoke indices are available to select or customize the most appropriate benchmark for specific portfolio needs:

Sub-Index Type	Description	Examples
Enhanced Constraint	Applies a more or less stringent set of constraints to any existing index.	<ul style="list-style-type: none">• US Intermediate Corporate
Composites	Investors assign their own weights to sectors or other index sub-components within an overall index.	<ul style="list-style-type: none">• 50% US Long Corporate, 50% US Long Government
Issuer Constrained	Indices that cap issuer exposure to a fixed percentage. Options available for applying issuer caps and redistributing excess MV to other issuers.	<ul style="list-style-type: none">• US Credit 2% Issuer Capped Index
ESG Screened/Weighted	Applies Environmental, Social and Governance filters and/or tilts to a standard index.	<ul style="list-style-type: none">• US Corporate Socially Responsible
Mirror Futures Index (MFI)	An index consisting of 14 funded futures contracts weighted to match closely the beginning-of-month OAD of the index.	<ul style="list-style-type: none">• US Corporate Mirror Futures
Duration Hedged	Indices constructed to reflect the underlying return of an index with its duration fully or partially hedged using its MFI.	<ul style="list-style-type: none">• US Corporate Duration Hedged

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 Tickers: US Corporate and Related Indices

Ticker (USD Unhedged)	Index	Ticker (USD Unhedged)	Index
LUACTRUU	US Corporate	LUAITRUU	US Corporate Industrials
LD06TRUU	US Intermediate Corporate	LUAUTRUU	US Corporate Utility
LD07TRUU	US Long Corporate	LUAFTRUU	US Corporate Financial Institutions
LCA3TRUU	US Corporate Aaa	LC07TRUU	US Credit
LCA2TRUU	US Corporate Aa	BUIDTRUU	US Corporate Duration Hedged
LCA1TRUU	US Corporate A	MUCOTRUU	US Corporate Mirror Futures
LCB1TRUU	US Corporate Baa	RUCMTRUU	US Corporate Socially Responsible Index

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.

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- OTC Derivative Products
- Bond Pricing Service
- Index-Linked Insurance Products
- Custom Index Solutions
- Exchange Traded Funds (ETFs)
- Mutual Funds

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