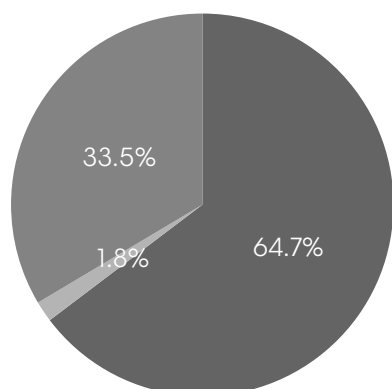


## USD Liquid Investment Grade Corporate Index

The Bloomberg Barclays USD Liquid Investment Grade Corporate Bond Index is designed to track a more liquid subset of the US Corporate Index, which measures the market for investment grade, fixed-rate, taxable corporate bonds. The index follows the same inclusion rules as the flagship US Corporate Index, but bonds must have at least three years remaining to final maturity and a minimum USD750mn par amount outstanding. Issuers must also have at least USD2bn minimum par outstanding of total index-eligible debt to be included. The index was launched in June 2015, with index history backfilled to June 1, 2010.

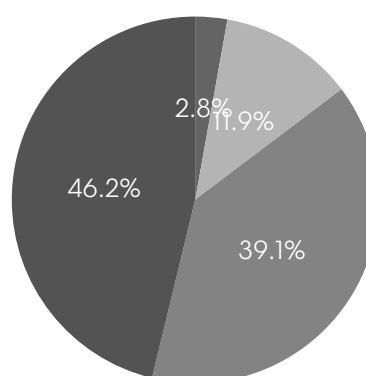
Composition by Sector (MV%) – January 31, 2017

■ Industrials ■ Utilities ■ Financials



Composition by Quality (MV%) – January 31, 2017

■ Aaa ■ Aa ■ A ■ Baa



### Rules for Inclusion

<b>Sector</b>	Corporate (industrial, utility and financial institutions) issuers only.
<b>Eligible Currencies</b>	Principal and interest must be denominated in USD.
<b>Quality</b>	<p>Securities must be rated investment grade (Baa3/BBB-/BBB- or higher) using the middle rating of Moody's, S&amp;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"> <li>Expected ratings at issuance may be used to ensure timely index inclusion or to properly classify split-rated issuers.</li> <li>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.</li> </ul>
<b>Amount Outstanding</b>	<ul style="list-style-type: none"> <li>USD750mn minimum par amount outstanding at the security level.</li> <li>Issuers must have at least USD2bn par amount outstanding in total index-eligible debt in the US Corporate Index to be included.</li> </ul>
<b>Coupon</b>	<ul style="list-style-type: none"> <li>Fixed-rate coupon.</li> <li>Callable fixed-to-floating rate bonds are eligible during their fixed-rate term only.</li> <li>Bonds with a step-up coupon that changes according to a predetermined schedule are eligible.</li> </ul>

## Rules for Inclusion

<b>Maturity</b>	At least three years until final maturity, regardless of optionality.	
<b>Taxability</b>	<ul style="list-style-type: none"> <li>Only fully taxable issues are eligible.</li> <li>Dividend Received Deduction (DRD) and Qualified Dividend Income (QDI) eligible securities are excluded.</li> </ul>	
<b>Seniority of Debt</b>	Senior and subordinated issues are included.	
<b>Market of Issue</b>	<ul style="list-style-type: none"> <li>SEC-registered bonds, bonds exempt from registration at the time of issuance and SEC Rule 144A securities with registration rights are index 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.</li> <li>Global bonds are included.</li> <li>Bonds that were previously SEC-registered or 144A with registration rights, but later deregistered by the issuer remain index eligible.</li> </ul>	
<b>Security Types</b>	<b>Included</b> <ul style="list-style-type: none"> <li>Bullet, putable, and callable bonds</li> <li>Original issue zero coupon and underwritten MTN</li> <li>Enhanced equipment trust certificates (EETC)</li> <li>Certificates of deposit</li> <li>Fixed-rate and fixed-to-float (including fixed-to-variable) capital securities</li> </ul>	<b>Excluded</b> <ul style="list-style-type: none"> <li>Sinkable bonds</li> <li>Contingent capital securities, including traditional CoCos and contingent write-down securities</li> <li>Bonds with equity type features (eg, warrants, convertibles, preferreds, DRD/QDI-eligible issues)</li> <li>Taxable and tax-exempt municipal securities</li> <li>Covered bonds</li> <li>USD25/USD50 par bonds</li> <li>Fixed-rate perpetual/floating-rate issues</li> <li>Structured notes, pass-through certificates</li> <li>Illiquid securities with no available internal or third-party pricing source/private placements, retail bonds</li> </ul>

## Rebalancing Rules

<b>Frequency</b>	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.
<b>Index Changes</b>	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.
<b>Reinvestment of Cash Flows</b>	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.
<b>New Issues</b>	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

## Rebalancing Rules

available.

## Pricing and Related Issues

<b>Sources &amp; Frequency</b>	All index-eligible bonds are priced on a daily basis by Bloomberg's evaluated pricing service, BVAL.
<b>Pricing Quotes</b>	Bonds can be quoted in a variety of ways, including nominal spreads over benchmark securities/Treasuries, spreads over swap curves, or direct price quotes as a percentage of par. For securities quoted on a spread basis, daily security price changes will result from movements in the underlying curve (swap or Treasury) and/or changes in the quoted spread.
<b>Timing</b>	<ul style="list-style-type: none"> <li>• 3:00 pm (New York time).</li> <li>• On early market closes, prices are taken as of 1pm, unless otherwise noted.</li> <li>• If the last business day of the month is a US holiday, prices from the previous business day are used.</li> </ul>
<b>Bid or Offer Side</b>	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.
<b>Settlement Assumptions</b>	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.
<b>Verification</b>	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.
<b>Currency Hedging</b>	Returns hedged to various non-USD currencies are published for the USD Liquid Investment Grade 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.
<b>Calendar</b>	The USD Liquid Investment Grade Corporate Index follows the US bond market holiday schedule.
<b>Index Ticker</b>	BLQCTRUU: Total Return Index Value

## Monthly Returns in USD, 2011-2017 (%)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2011	0.01	0.92	-0.27	2.03	1.52	-1.08	2.94	-0.27	-0.15	2.84	-3.21	2.92	8.29
2012	2.96	1.07	-1.12	1.53	0.56	0.69	3.64	0.21	0.95	1.57	-0.26	0.03	12.37
2013	-1.15	0.82	-0.10	2.16	-2.84	-3.35	0.96	-0.86	0.84	1.85	-0.25	-0.03	-2.10
2014	1.89	1.38	0.02	1.36	1.56	0.14	-0.12	1.72	-1.82	1.25	0.91	0.04	8.56
2015	3.47	-1.11	0.36	-0.92	-0.79	-2.23	0.74	-0.62	0.89	0.70	-0.16	-0.96	-0.75
2016	0.09	1.16	3.61	1.64	-0.35	2.54	1.82	0.29	-0.42	-1.05	-3.19	0.82	6.98
2017	0.15	-	-	-	-	-	-	-	-	-	-	-	0.15

## Accessing Index Data

## Accessing Index Data

<b>Bloomberg Professional® service</b>	<p>Bloomberg benchmarks are the global standard for capital markets investors.</p> <ul style="list-style-type: none"> <li>• INDEX&lt;Go&gt; – 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.</li> <li>• IN&lt;Go&gt; – 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.</li> <li>• PORT&lt;Go&gt; – Bloomberg's Portfolio &amp; 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.</li> <li>• DES&lt;Go&gt; – The index description page provides transparency into an individual index including membership information, aggregated characteristics and returns, and historical performance.</li> </ul>
<b>Bloomberg Indices Website (www.bloombergindices.com)</b>	<p>The index website makes available limited index information including:</p> <ul style="list-style-type: none"> <li>• Index methodology and factsheets</li> <li>• Current performance numbers for select indices</li> </ul>
<b>Data Distribution</b>	<p>Index subscribers may choose to receive index data in files. Files may include:</p> <ul style="list-style-type: none"> <li>• Index level and/or constituent level returns and characteristics for any indices</li> <li>• Automatic delivery of files via email or SFTP following the completion of the index production process after market close</li> <li>• Clients may receive standard files or may customize file contents</li> <li>• Index data is also available via authorized redistributors</li> </ul>

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USD Liquid Investment Grade Corporate Index