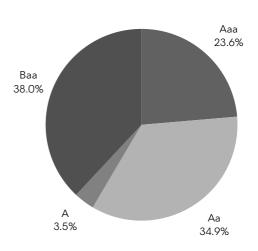
## **Euro Treasury 1-10 Years Index**

The Bloomberg Barclays Euro Treasury 1-10Years Index consists of EUR-denominated, fixed-rate, investment-grade public obligations of the sovereign countries participating in the European Monetary Union. Qualifying issues must have a maturity between 1-10 years. The index excludes convertible securities, floating-rate notes, warrants linked bonds, private placements, zero coupon bills, structured products, inflation linked and non-investment grade treasury bonds. The Euro Treasury 1-10 Years Index's credit quality rules and classification scheme follow that of the Euro-Aggregate Index. The index was created in May 2004 with history backfilled to January 1, 2004.

#### Composition by Maturity (MV%) -January 31, 2017

## 7-10Yr 25.3% 1-3Yr 30.2% 5-7Yr 19.4% 3-5Yr 25.1%

#### Composition by Quality (MV%) -January 31, 2017



#### **Rules for Inclusion**

Quality

Country

Sector	Principal and interest must be denominated in EUR.

## Amount Outstanding • EUR 300mn minimum par amount outstanding.

• European treasuries held under the European Central bank quantitative easing scheme are not deducted from the total amount outstanding.

# 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:

- 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.

#### Maturity • At least one year until final maturity, regardless of optionality.

• Sub-indices based on maturity are inclusive of lower bounds; hence, the Euro Treasury 1-10 Year Index includes bonds with maturities of 1 to 9.9999 years.

#### Coupon • Fixed rate.

- Original zero coupon issues are included.
- Step-up coupons and those that change according to a predetermined schedule are also eligible.

Countries eligible for inclusion must have an investment grade sovereign rating (Baa3/BBB-BBB- or above) using the current rating methodology outlined above.

## **Bloomberg**



Calendar

Market of Issue	Fully taxable, publicly issued in the global and regional markets. Private placements and retail issues are not eligible.							
Security Types	Bullet, putable, sinkable/amortizing and callable bonds     Original issue zero coupons	Excluded  Treasury bills  STRIPS  Floating-rate bonds, inflation-linked bonds  Private placements and retail 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, ticker changes, etc.) are reflected daily in both the Projected (Forward) and Returns Universe of the index. These changes may cause bonds to enter or fall out of the Projected (Forward) 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/announced, but not necessarily settled, on or before the month-end rebalancing date qualify for inclusion in the following month's index if required security reference information and pricing are readil available.							
Pricing and Related Is	ssues							
Sources & Frequency	All index-eligible bonds are priced on a daily basis by Bloomberg's evaluated pricing service, BVAL.							
Pricing Quotes	Bonds are quoted as percentage of par.							
Timing	<ul> <li>4:15pm (London time).</li> <li>On early market closes, prices are taken (as of 12:0</li> <li>If the last business day of the month is a UK holida</li> </ul>							
Bid or Offer Side	Bonds in the index are priced on the mid side.							
Settlement Assumptions  Verification	<ul> <li>At month-end, settlement is assumed to be on the first calendar day of the following month, even if the labusiness day is not the last day of the month, to allow for one full month of accrued interest to be calculated.</li> <li>Daily price moves for each security are analyzed by the index pricing team. Index users may also challenge p</li> </ul>							
Currency Hedging	levels, which are then reviewed and updated as needed using input from various sources.  Bloomberg Barclays' 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 contributed socurities in the returns universe of the index.							

constituent securities in the returns universe of the index.

markets remain open.

The Euro Treasury 1-10 Years Index follows the UK bond market holiday schedule. For month-end dates, the

European calendar may also be employed in the event a UK holiday falls on a month-end date but European

#### Monthly Returns in EUR Unhedged, 2008-2017 (%)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2008	2.28	0.76	-0.58	-0.55	-1.05	-0.91	1.59	1.09	0.88	1.39	2.52	1.13	8.81
2009	-0.12	0.98	1.00	0.33	-0.49	0.98	1.13	0.30	0.52	0.27	0.47	-0.61	4.83
2010	0.32	1.10	0.47	-0.74	1.38	-0.65	0.69	1.37	-0.77	-0.31	-1.80	-0.09	0.92
2011	-0.42	0.09	-0.51	0.31	0.80	-0.06	0.02	2.86	0.28	-1.33	-2.06	3.14	3.05
2012	1.92	1.35	0.01	-0.15	0.13	0.15	1.04	0.79	1.16	0.60	1.08	0.45	8.85
2013	-0.32	0.39	0.47	1.71	-0.75	-1.14	0.72	-0.30	0.66	1.15	0.38	-0.48	2.48
2014	1.55	0.46	0.65	0.59	0.74	0.84	0.52	1.00	0.24	0.02	0.70	0.50	8.08
2015	0.74	0.51	0.25	-0.50	-0.53	-1.09	1.22	-0.50	0.75	0.64	0.52	-0.58	1.42
2016	1.07	0.40	0.16	-0.43	0.52	0.82	0.36	-0.03	0.17	-1.00	-0.68	0.58	1.94
2017	-1.07	0.65	-	-	_	_	-	-	-	-	-	-	-0.43

#### **Accessing Index Data**

#### Bloomberg Professional® service

Bloomberg benchmarks are the global standard for capital markets investors.

- INDEX<Go> The Bloomberg Indices Introduction 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. PORT includes tools to analyze performance of a portfolio versus a benchmark as well as models for performance attribution, tracking error analysis, value-at-risk, scenario analysis and
- DES<Go> The index description page provides transparency into the current and projected index universe including membership information, aggregated characteristics and returns and historical data.

#### **Bloomberg Indices Website** (www.bloombergindices.com)

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- Index methodology and factsheets
- Current performance numbers for select indices

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- 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

Index Ticker

LF87SIEU: Euro Treasury 1-10 Years Since Inception Return Euro Unhedged

#### **Index Licensing**

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#### March 8, 2017

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