



Doing data differently



Helping the global financial community make informed decisions through the provision of comprehensive, accurate, timely and affordable securities and economic data services

With more than 25 years' experience, we offer comprehensive and accurate securities reference, corporate actions and pricing data for derivatives, equities, fixed income, and investment funds around the globe. We also cover economic data extensively.

We understand how crucial financial and economic data is and take a different approach as to how we proceed:

- We do not rent data, we sell it
- We do not have onerous redistribution rules
- We customize our services to meet your needs
- We cover all countries - no matter how large or small
- Finally, we are the cheapest

As a result of our on-going commitment to providing cost-effective and innovative data solutions, while ensuring the highest standards, EDI has achieved the internationally recognized quality and security certifications ISO 9001 and ISO 27001.

Headquartered in the United Kingdom, we have operations in Australia, Canada, Germany, India, Morocco, South Africa, and the United States.

Our Support Team is available on **+44 (0) 207 269 8915**, 24 hours a day, Monday to Friday and closed on Christmas and New Year's Day.



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Municipal Bond Pricing

The service provides daily end of day pricing for either select bonds or the entire database of 1.25 million US Municipal Bonds. Along with the daily data, EDI supplies 8 years of historical data.

The method reduces risk by providing more market-driven evaluations than traditional methods (such as bootstrapping, interpolation, and matrix pricing).

Developed for the middle-market, regional dealer community and clients are provided with:

- offers transparency into the methods and data sourced to produce the valuations
- gives client and partners the ability to provide needed feedback during development phases
- is developed by experts specific to the market niche it serves
- is priced to fit the regional firms' budgetary framework

Delivery options	Delivery format
SFTP	XML

MBIS Data Feed Services

- Bids Wanted with the full bid stack for all bids wanted, regardless of participation.
- Offerings, most of which are executable on MBIS partner trading platforms.
- Intraday updates every fifteen minutes so the data is available when it is needed.
- A comparable securities product that identifies peer bonds with recent market data for the majority of municipal bonds, including illiquid securities.
- A municipal benchmark curve powered by executable market data and produced hourly.
- Expertise in leveraging the data to support the front, middle, and back office.

Municipal Market Benchmark Service

- Available intra-day on an hourly basis (providing an early indication into other benchmark's direction for the day)
- Based upon a set of constituent bonds determined monthly, fully disclosed, and priced directly from the available market data.
- Results produced through an **objective**, fully automated, and transparent methodology and monitored by a rigorous quality assurance process.
- Data files include: curve yields, constituent bond pricing, and underlying market data. The basic service includes the Muni Benchmark Curve, Investment Grade Credit Curves, and Insured Spread Curves.
- Custom yield curves (State, Sector, etc.) can be generated and provided upon request.

Reasons why firms have licensed the **MBIS Data Feed** and **Municipal Benchmark Service**:

1. Improved Price Discovery through broad access to a consolidated view of pre-trade data
2. More Effective Relative Value identification with access to 400,000+ pre-trade observations
3. Operational Efficiency and Risk Mitigation

Municipal Bond Corporate Actions

The following types of data are covered within the Financial and Historical Actions service showcasing Corporate Action events on 0,000 actively traded Municipal Securities:

- Redemption (Full, Partial, Sinking)
- Defeasances (Full, Partial)
- Put Options (Mandatory Repurchase, Partial Mandatory Repurchase, Mandatory Retained)
- Offers (Exchange, Purchase)
- Bankruptcies (Petition Filed, Ballot Solicitation, Reorganization Confirmed, Reorganization)

Delivery options

Online Platform

Delivery format

XML, ISO 15022

Municipal Bond Reference Data

The BondView Reference Data Service (RDS) for municipal bonds offers comprehensive, high quality reference data on over 1.5 million active U.S. Municipal Bond issues from over 50,000 different issuers.

This includes all the descriptive data that the majority of user applications require.

Data sets include:

- Bond Descriptive Data
- Ratings & Credit Data
- Bonds in Funds Data
- Advanced Data

The data is searchable using a variety of industry standard identifiers and can be supplied in a number of different formats:

- Viewable web search app
- Easy to use API
- Customized delivery
- BondView Speciality Products

Using BondView Municipal Bond Reference Data means there no longer a need to maintain and update expensive databases and allows easy, quick, and cost-effective incorporation of Muni data into user applications.

Delivery options

Online Platform, Amazon S3, SFTP, API

Delivery format

CSV, XLS, JSON, JSONL

Data Dictionary

Field Name	Description
Cusip	Provided by client
isin	Provided by client
FIGI	The FIGI identifier of the bond
Fisn	Financial Instrument Short Name (FISN) code provides consistent and uniform approach to standardize short descriptions for financial instruments. It aims to harmonize the existing market practices that are in use on a national and individual entity level.
Dated Date	
Security Description	
Coupon	coupon value
Maturity Date	
Price At Offering	
Bond Type	"Municipal" in most cases
State Code	e.g. "NY", "VA"
Market Sector	e.g. "Education"
Last Trade Price	
Last Trade Date	
Last Trade Size	
Last Trade YTW	
Last Trade Type	e.g. - "P", "S", "D"
BV Estimated Price	
BV Liquidity Rating	
BV Volatility Rating	
BV Market Rating	
BV Credit Score	
COVID Impact Rating	
Obligor	The Obligor name
Obligor Cusip	
Co Obligor Cusip	
Co Obligor Name	The Co-Obligor name

Additional Items	
Field Name	Description
Full Security Description	This is the issuer + issue descriptive names using the shortened word format. This is a string/text field with variable length that depends on the length of the names of the issuer and issue. For example, it may contain additional words like the state, city, market sector, issuance year (series year), etc. It is in a free form text format. For example, "palm beach cnty fla sch brd ctfs partn cops 2007e (fl)". So the security description is: "palm beach cnty fla sch brd ctfs partn ser e" generally under 200 characters. However, it is set to 256 characters to address occasional issuers with long names.
Funds Holding Guarantee	The amount of muni funds holding this bond Guarantee type(e.g. 'secured', 'unsecured', 'fcfac')
Income Type	the income type: "Fixed Rate" "Adjustable Rate Income"
Incremental Investment Qty	
Insurer	Insurer name
Interest Accrual Date	
Iso Cfi Code	
Issuer Name	Name of issuer
Issue Add Description	Free text value containig additional descriptors about an issue, e.g.: "taxable variable rate demand lease revenue refunding" up to 150 characters, usually the same as additional description(same source different fields, should be merged into one field proably)
Issue Date	
Issue Entry Date	
Last Coupon	
Loc Credit Bank	credit bank name
Loc Expiration Date	
Loc Type	e.g. - "letter of credit"
Make Whole Call Marginable	
Maximum Rate	
Minimum Investment Qty	e.g. 100
Minimum Rate	
Mortgage Insurer	
Municipal Sale Date	
Next Call Date	
Next Coupon	
Next Reset Date	
Offering Amount	e.g. 1500000000
Offering Date	
Option Adjusted Convexity	
Option Adjusted Duration	
Option Adjusted Spread	
Original Issue Discount	



Municipal Bonds

Original Maturity Size	e.g. 750000000
Paying Agent	
Payment Frequency	e.g. "semi-annually", "daily"
Pre-Refunded	
Pre-Refunded Price	
Project Name	e.g. "various community college"
Putable	
Put Option	
Redemption	type of redemption e.g. "Fixed Mat w/Pu", "Pre-Refunding"
Refundable	
Remarketed	
Reset Frequency	e.g. - "daily"
Sale Type	c-competitive, g-negotiated
Security Code	e.g. - "loan agreement"
Security Type Description	e.g. - "go", "refunding"
Series	series name e.g. - "1999-C"
Sinking Fund Protection	
Sink Defeased	
Source Document	source document type: "FORM OF BOND", "FORM 8-A", etc
Special Mandatory Redemption	
Special Optional Redemption	
Spread To Treasuries	
State Tax	
Subject To Alternative Minimum Tax	
Taxable	
Tender Agent	
Trading Flat	
Transfer Agent	
Treasury Benchmark	e.g. 8 yr.(6.125% 08/15/2029)
Underwriter	e.g - "Ziegler Securities"
Use Of Proceeds	
Us Cfi Code	
Workout Date	
Yield At Offering	
Yield To Sink	



Customization

EDI is proud to offer the most effective and efficient solutions tailored to meet each individual customer's needs. We offer a range of customization options including:

- Delivery-based solutions to complement existing client infrastructure.
- Content provided at the geographical or portfolio holding level.
- Feeds containing particular formats, field content and integrated client level data items.

EDI uses its extensive data research expertise to source, scrub and integrate new client specified data items with existing products and services. For instance, a request from a multinational investment bank to source the DR universe and map it against its underlying share portfolio ultimately led to the development of EDI's successful Depository Receipt Database.

In addition, EDI was the first vendor to successfully launch an ISO 15022 Corporate Action Messaging feed. This enables customers to reduce costs and increase efficiency by removing the need for multiple feed handlers.

Support

Customer Support

Monday - Friday
Open 24 hours

Saturday
Support Coverage ends 8am
(GMT)

Sunday
Support Coverage resumes at
11pm (GMT)

**Support Coverage is not
available**
Saturday 8am to Sunday 11pm

Call +44 207 324 0020

Email: support@exchange-data.com

Customer support is closed Christmas and New Year's Day.

We aim to acknowledge all queries within an hour of receipt and answer queries within 24 hours where possible.

We will send a progress report if a query is not resolved within that time-frame. We resolve around 95% of customer queries within 24 hours.

All queries sent to our Support department are filtered and dispatched to the relevant department. An IT staff member is engaged in the communication process to resolve complicated technical issues.



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