



# 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 30 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 offer competitive prices

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) 207 324 0020, 24 hours a day, Monday to Friday and closed on Christmas and New Year's Day.



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## Municipal Bond Pricing

Exchange Data International (EDI) provides three pricing services for US Municipal Bonds.

1. Evaluated Pricing
2. Municipal Bond Bid and Offering Data
3. Municipal Market Benchmark Service

### Municipal Bond Evaluated Pricing

The service provides daily end of day pricing for either select bonds or the entire database of 1 million US Municipal Bonds. Along with the daily data, EDI supplies 5 years of historical data.

The method reduces risk by providing more market-driven evaluations than traditional methods.

Developed for the middle-market and regional dealer community, this service:

- 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, API	XML

### Municipal Bond Bid and Offering Data

- 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 Reference Data

EDI offers comprehensive, high quality reference data on over 1 million active U.S. Municipal Bond issues from over 50,000 different issuers.

### Delivery options

Online Platform, Amazon S3, SFTP, API

### Delivery format

CSV, XLS, JSON

### Fields

Accreted Amount at Maturity	Accreted Call Amount (Event)	Accreted Redemption Price
Accreted Call Price	Additional Security Related Notes	Agency Relationship
Accreted Redemption Amount	Accreted Redemption Price	Accreted Redemption Price
	Percent of Par	Percent Type
Accreted Redemption Rate	Accreted Refunded Price Percent of Par	Accreted Refunded Price Percent Type
Accreted Refunded Rate	Accretion Rate	Average Life
Agency Unique ID	Agent Address - City	Agent Address - Street
Agent Address - ZIP Code	Agent State of Domicile	Call Amount (Event)
Bank Qualified	Bond Insurer	Call Event Source
Call Date (Event)	Call Date (Schedule)	Call Price (Schedule)
Call Flag	Call Frequency (Schedule)	Call Type
Call Price + Premium (Event)	Call Related Notes	Coupon Payment Days
Coupon	Coupon Change Effective Date	Call Selection Method (Lottery, Pro-Rata, Agent)
Call Trigger	Calls Defeased	Capital Appreciation Type
Collateral Amount	Collateral Percent	Default Date Source
Dated Date	Default Classification (Monetary or Technical)	Defeased Call
Default Event Source	Default Related Notes	Delivery Date
Defeased Sinking Fund	Deferred Coupon First Interest Payment Date	Defeased Portion
Denomination (Multiple)	Depository	Escrow Agreement Date
Defeased Date	Defeased Notice Date	Un-Refunded Security
Escrow Amount	Escrow Deposit Date	Escrow Security Sub-Type
Escrow Security Type	Final Accreted Amount	Formula Based Price Flag
Fully Refunded Accreted Amount	Fully Refunded Amount	Full / Partial Redemption
First Coupon Date	FRN Interest Adjustment Frequency	Gross Spread
Funds Capital Purpose	Green, Social, Sustainability Indicator	Initial US Code
Guarantee Type	Initial Denomination	Interest Accrual Convention
Initial US Code Status	Initial US Code Type	Interest Payment Frequency
Interest Basis	Interest Commencement Date	Issue Date
ISIN	Issue Amount	Issuer Default Date
Issue Price	Issuer	Issuer Default Status
Issuer Default Event Effective Date	Issuer Default Event Type	Lien Class
Issuer Default Status Date	Issuer Related Notes	Last Coupon Date
Last Put Date	Make Whole Call Benchmark	Make Whole Call End Date
Lien Priority	Lien Rank	Maximum notice days (Call Option)
Make Whole Call Flag	Make Whole Call Spread	Make Whole Call Start Date
Material Event	Maturity Change Record Date	Maturity Date
Un-Refunded Amount	Maximum notice days (Put Option)	Minimum notice days (Call Option)
Minimum notice days (Put Option)	Mortgage Insurer	Muni Issuance ID
Muni Issuance Name	Muni Issue Type	Muni Series
Muni Series Issue Amount	Muni Series Status	MWC Frequency (Schedule)
New Coupon Rate	Next Call Date	Next Call Price
Next Coupon Date	Next Par Call Date	Next Par Call Price
Next Put Date	Offering Date	Offering Type

Out Of Default Date	Out Of Default Flag	Outstanding Amount
Offering Objective	Outstanding Amount Date	Pre-Refunded Amount
Pre-Refunded Accreted Amount	Par Value	Project Name
Pre-Refunded Security	Principal Repayment Style (Super Sinker, Lock Out, Turbo)	Puts Defeased
Put Date (Schedule)	Put Frequency (Schedule)	Put Fee
Put Flag	Put Reason	Put Related Notes
Put/Price (Schedule)	Redemption Amount	Redemption Date
Redemption Method	Redemption Price + Premium	Redemption Related Notes
Redemption Type	Redemption Type (Sinking Fund)	RegS / 144A
Reoffering	Reoffering Date	Reoffering Yield
Refunded Date	Refunded Obligation	Refunded Portion
Refunded Price in Percent	Refunded Security	Refunding Issue Date
Refunding Period	Refunding Series Mode	Refunding Type
Repayment Source	Reselling Fee	Security Code
Security Holding	Security ID	Security Status
Seniority	Series Outstanding Amount	Settlement Days
Short Name	Sinking Fund Accreted Amount	Sinking Fund Amount
Sinking Fund Effective Date	Sinking Fund Increase	Sinking Fund Method
Sinking Fund Price	Sinking Fund Related Notes	Sinking Fund Skipped Payment
Special Mandatory Call	Special Optional Call	State of Domicile
Yield at Issue	Tax Status	US Code
Security Defeased Status	Sinking Fund Defeased	Sinking Fund Selection Method (Lottery, Pro-Rata, Agent)
State Tax on Interest	Total Defeased Amount	Un-Refunded Accreted Amount
US Code Change Date	US Code Change Type	Use of Proceeds

## Municipal Bond Corporate Actions

The following event and disclosure categories will be available via our feed offering, alongside the aforementioned reference data. These cover the broad range of corporate actions relating to actively traded US Municipal Securities.

### Delivery options

SFTP/Online Platform

### Delivery format

CSV, ISO 15022 (where applicable)

## Event Categories

- Bankruptcy
- Bond Calls
- Bond Puts
- Credit Liquidity Provide - Substitution
- Defeasance
- Delinquency – Principal/Interest Payment
- Defaults – Non-payment related
- Financial Obligations
- Notice to Investor - Pursuant to Bond Documents
- Obligated Person Changes
- Other Event Based Changes
- Remarketing Agent/Tender Agent Changes
- Security Holders Rights - Modifications
- Tax Exemption Changes
- Tender Offer
- Unscheduled Draw – Financial Difficulties on Credit Enhancement/Debt Service Reserve



## 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 delivered at the geographical or portfolio holding level.
- Feeds delivered in various 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](mailto:support@exchange-data.com)

Customer support is closed on 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 timeframe. 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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