

Barchart Releases Updated Market Data Tools in This Press Release

Barchart Updates Market Data Tools, Expands Commodity and Financial Data Access

Barchart, a provider of financial and commodity market data, has released an updated set of data tools designed to give traders, analysts, and content publishers more direct access to real-time and historical market information. The company announced the enhancements this week, focusing on improved API performance, expanded data coverage, and streamlined integration options. The updates arrive as demand for granular, low-latency market data continues to grow across both institutional and retail trading environments.

The new release includes upgrades to Barchart's market data APIs, which now support additional asset classes and more frequent data polling intervals. Users can expect faster response times and greater reliability when pulling pricing, volume, and volatility data for equities, futures, options, and foreign exchange pairs. The company also added support for end-of-day data exports in multiple formats, making it easier to incorporate Barchart data into external analytics platforms or proprietary trading systems. This press release outlines the key changes and what they mean for current and prospective users of the Barchart data ecosystem.

Enhanced API Capabilities and Expanded Coverage

The most significant change in this update is the overhaul of Barchart's RESTful API endpoints. The new API architecture reduces latency by an average of 15 percent compared to the previous version, according to internal testing. Endpoints now support batch queries, allowing users to request data for up to 50 symbols in a single call. This change is particularly relevant for portfolio tracking applications and algorithmic trading strategies that depend on simultaneous data feeds for multiple instruments.

Data coverage has also been extended. The API now includes real-time and historical data for over 100,000 global financial instruments, including newly added equity indices from emerging markets, energy futures contracts traded on ICE and NYMEX, and interest rate swaps. For commodity traders, the expanded coverage includes agricultural products such as wheat, corn, and soybeans, as well as metals and soft commodities. The company said the additions were driven by user requests and a broader push to serve international markets more effectively.

Integration documentation has been rewritten and published on the Barchart developer portal. The new documentation includes code samples in Python, JavaScript, and C#, as well as

interactive API explorers that let users test endpoints directly from a browser. The company also introduced a sandbox environment where developers can experiment with API calls using simulated data before moving to production. These changes are intended to reduce the time needed to integrate Barchart data into third-party applications.

New Data Export and Visualization Features

Beyond API improvements, Barchart has added new data export capabilities. Users can now schedule automated exports of historical price data in CSV, JSON, and XML formats. Exports can be configured to run daily, weekly, or monthly, and can be delivered via email or direct FTP upload. This feature is aimed at analysts and researchers who need regular data dumps for backtesting models or generating reports. The export system also supports custom date ranges and symbol filters, giving users control over the scope of data they receive.

For users who prefer visual analysis, Barchart has updated its charting library. The new charting widgets support more chart types, including Heikin-Ashi, Renko, and Kagi charts, in addition to standard candlestick and line charts. The widgets are built with HTML5 and Canvas, ensuring compatibility across modern browsers and mobile devices without requiring plug-ins. Chart customization options have been expanded to allow users to modify color schemes, add technical indicators such as moving averages and Bollinger Bands, and overlay multiple data series on a single chart. These widgets can be embedded directly into websites or trading platforms using a simple JavaScript snippet.

The company also released a new screener tool that filters securities based on technical and fundamental criteria. The screener includes over 100 predefined filters, including price changes, volume spikes, relative strength index (RSI) values, and moving average crossovers. Users can save custom screening presets and receive email alerts when new securities match their criteria. The screener is accessible through the Barchart website and is also available as a widget for integration into third-party sites.

Implications for Traders and Content Publishers

The updates are likely to have the most immediate impact on three groups: algorithmic traders, financial content publishers, and commodity market analysts. For algorithmic traders, the lower latency and batch query support mean strategies can react faster to market movements and process more symbols per unit of time. The expanded data coverage also opens up opportunities for strategies that trade across asset classes or that rely on arbitrage between related instruments.

Financial content publishers, such as news sites and brokerage platforms, benefit from the improved charting widgets and data export tools. The ability to embed interactive charts and real-time data tables without extensive custom development reduces the barrier to offering

sophisticated market analysis tools to their audiences. The screener widget can also be used to generate dynamic lists of trending stocks or commodities, which can increase user engagement and time spent on site.

Commodity market analysts, particularly those focused on agricultural and energy markets, gain access to more granular data. The expanded futures coverage includes contract-specific data such as open interest, volume, and settlement prices, which are critical for supply-demand analysis and price forecasting. The scheduled export feature allows analysts to automate the collection of daily data sets, reducing manual work and the risk of errors.

Technical Details and Availability

The updated API and data tools are available immediately to all Barchart subscribers. Pricing remains unchanged for existing plans, though the company has introduced a new tier designed for high-frequency data users that includes priority API access and dedicated support. The new tier is available on a subscription basis with monthly or annual billing options.

Barchart's data infrastructure relies on direct exchange feeds and aggregated sources to provide what the company describes as millisecond-accurate timestamps. The API supports both REST and WebSocket protocols, with WebSocket connections offering real-time streaming data for users who require sub-second updates. Authentication uses API keys, and rate limits vary by subscription tier: standard plans allow up to 10 requests per second, while premium plans support up to 100 requests per second.

The company has published a migration guide for existing API users, detailing the changes to endpoint paths, request parameters, and response formats. The legacy API will remain active for six months to allow users time to transition, after which it will be deprecated. Barchart recommends that users test their integrations against the sandbox environment before switching to the production API.

[This press release](#) is intended to inform users and the broader financial technology community about the changes. The company has not announced a specific timeline for the next major update but said it will continue to iterate on the platform based on user feedback. Future plans include adding support for cryptocurrency data, expanding options chain data, and introducing a machine-learning-based anomaly detection tool for real-time market surveillance.

For developers, the updated API documentation and sandbox environment are accessible through the Barchart developer portal. The company also hosts a community forum where users can ask questions, share integration tips, and request new features. Barchart said it will hold a series of webinars over the coming weeks to walk through the new features and answer questions from users. Registration for the webinars is open to all current subscribers.