Developed to help market participants better understand trading trends in the bond markets, BondWave's Data Lab has released its QMarks<sup>™</sup> dashboards for the fourth quarter of 2023.

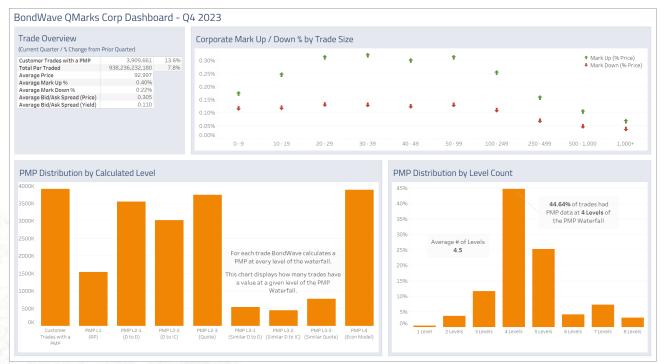
<u>QMarks</u> is a proprietary BondWave data set that powers its quarterly dashboards to cover all disseminated bond transactions using the regulatory-prescribed Prevailing Market Price methodology for corporate, municipal, agency, and 144A. QMarks belongs to a suite of other BondWave proprietary data sets, including <u>QCurves</u>, <u>QTrades</u>, and <u>QScores</u>.



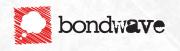
### Q4 2023 Observations:

#### **Corporate Bond Market Trends**

- After two consecutive quarters of declines, customer par value traded rebounded in the fourth quarter finishing 7.8% higher than the third quarter (but still 7.1% below Q1 2023).
- The par value increase came as a result of many more trades (13.6% more than Q3 2023 which was the previous record) as the effects of growing electronic trading and portfolio trading continue to be felt.
- This led to an average trade size that shrunk to its lowest level ever at just \$240,000. As recently as Q1 2021 average trade sizes were over \$400,000.
- Mark-ups and mark-downs remained rock steady, as they have for the entire year.

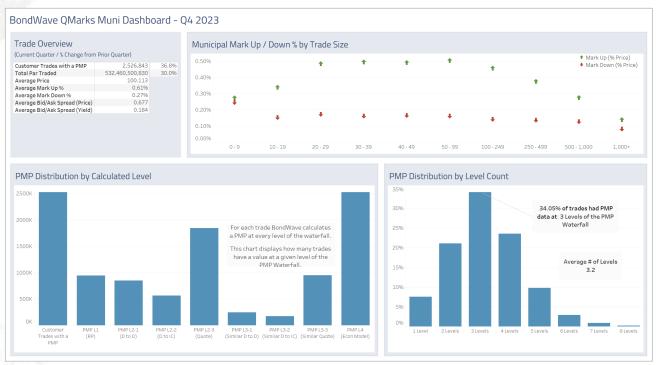


Source: BondWave QMarks

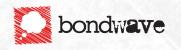


#### **Municipal Bond Market Trends**

- Municipal bonds saw the most significant growth in volume during the fourth quarter.
- Trades grew by a whopping 36.8% and par value grew by 30% over the third quarter.
- With the increase in volume, mark-ups shrank over 10% to 61 basis points from 68 basis points.
- Mark-downs were virtually unchanged quarter over quarter.



Source: BondWave QMarks



### **Agency Bond Market Trends**

- Agency volumes grew modestly in the fourth quarter (1.8% more trades and 3% more par value).
- Mark-ups and mark-downs remained identical.



Source: BondWave QMarks



### 144A Bond Market Trends

- 144A bonds saw significant volume growth in the fourth quarter.
- Trades grew by 12.3% over the third quarter and par value grew by 12%.
- However, similar to registered corporates, the par value traded fell short of the highs reached in the first quarter.
- Mark-ups and mark-downs saw the most modest possible increase of 1 basis point each.



Source: BondWave QMarks

Dashboards for the previous quarter referenced above are located here:

Last quarter: Q3 2023 Dashboards

First quarter of 2023: Q1 2023 Dashboards

First quarter of 2021: <u>Q1 2021 Dashboards</u> (Corporate bond avg. trade size last peak)



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Founded in 2001, BondWave<sup>®</sup> is a financial technology firm specializing in fixed income solutions. We serve a wide range of users including traders, compliance professionals, and RIAs from the smallest to the largest firms in the industry who use our tools to provide a superior fixed income experience to their clients while supporting critical regulatory mandates.

Effi<sup>®</sup>, our Engine for Fixed Income, is the single platform through which we deliver all our solutions providing intuitive dashboards and insights into every fixed income position and transaction. Capabilities include portfolio analytics and reporting, custom alerts, and proposal generation, as well as tools that support best execution, fair pricing, and mark-up monitoring and disclosure on both a pre- and post-trade basis. BondWave leverages advanced technologies and data science to develop proprietary data sets that fuel our innovative solutions.

