

Summary of Findings

1. Fidelity's prices were found to be lower than the hidden mark-up brokers over 97% of the time, on average.
2. Fidelity's online bond pricing beats that of hidden mark-up based brokers by \$14 per bond, on average.¹
3. As bond maturities lengthen, hidden mark-up based brokers generally charge more per bond.

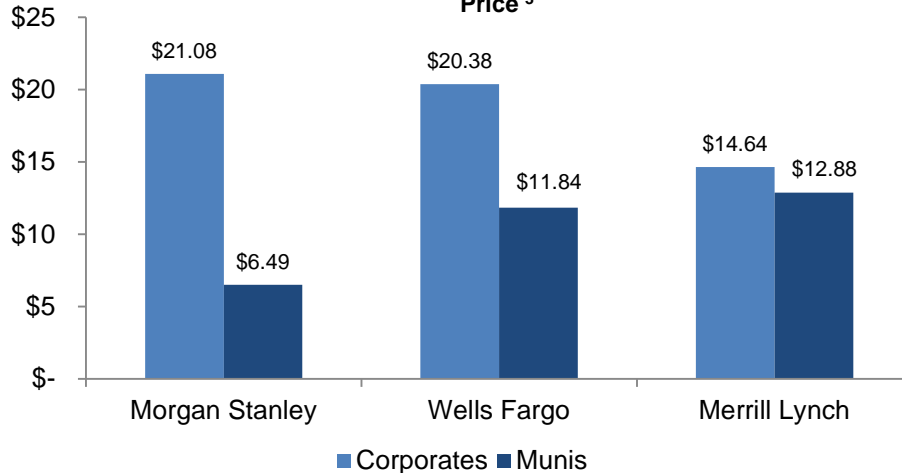
1

% of Matching Bonds with Fidelity Cheaper²

Bond Type	vs. Wells Fargo	vs. Morgan Stanley	vs. Merrill Lynch
Corporate bonds	99.5%	99.7%	98.3%
Municipal bonds	93.0%	98.3%	96.9%

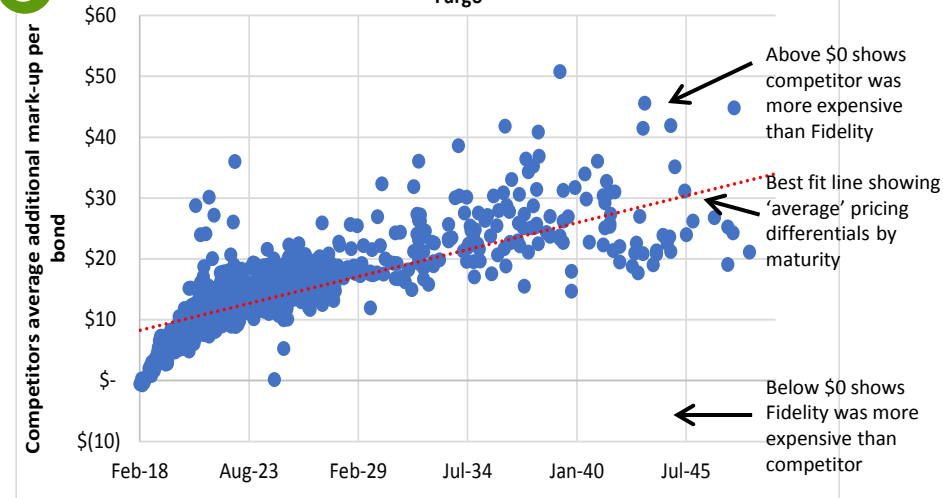
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Average Cost Differentials per bond vs. Fidelity for Lowest Price³



3

Observations for Corporate Bond Pricing Differentials per bond for Wells Fargo



Screenshots are for illustrative purposes only.

1. Minimum mark-up or mark-down of \$19.95 applies if traded with a Fidelity representative. For U.S. Treasury purchases traded with a Fidelity representative, a flat charge of \$19.95 per trade applies. A \$250 maximum applies to all trades, reduced to a \$50 maximum for bonds maturing in one year or less. Fixed income trading requires a Fidelity brokerage account with a minimum opening balance of \$2,500. Rates are for U.S. dollar-denominated bonds; additional fees and minimums apply for non-dollar bond trades. Other conditions may apply; see [Fidelity.com/commissions](https://www.fidelity.com/commissions) for details. Please note that mark-ups and mark-downs may affect the total cost of the transaction and the total, or "effective," yield of your investment. The offering broker, which may be our affiliate, National Financial Services LLC, may separately mark-up or mark-down the price of the security and may realize a trading profit or loss on the transaction.

2. If cost differential was within \$0.02, then CI considered prices equal.

3. Fidelity commissioned Corporate Insight to study bond pricing, available online, for self-directed retail investors from five brokers that offer corporate and municipal bonds for comparison to Fidelity's standard online pricing. The study compared online bond prices for more than 40,000 municipal and corporate inventory matches from February 8 through February 14, 2018. It compared municipal and corporate inventories offered online in varying quantities. The study found that, on average, the three financial services firms identified in the chart were asking \$14.55 more per bond. Corporate Insight determined the average price differential by calculating the difference between the prices of matching corporate and municipal bond inventory at Fidelity, including Fidelity's \$1 per bond mark-up for online trades vs. the prices offered online for the same bonds from the three competitors in the table, then averaging the differences of the financial services firms. An order size of 22 bonds was selected to illustrate the hypothetical trade because this is the average for Fidelity's retail brokerage account holders who purchased individual municipal or corporate bonds for the 12 months ending February 2018.

In general, the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk, liquidity risk, call risk and credit and default risks for both issuers and counterparties. Lower-quality fixed income securities involve greater risk of default or price changes due to potential changes in the credit quality of the issuer. Foreign investments involve greater risks than U.S. investments, and can decline significantly in response to adverse issuer, political, regulatory, market, and economic risks. Any fixed-income security sold or redeemed prior to maturity may be subject to loss. Additional details about the Corporate Insight Bond Pricing Study is available at <https://www.fidelity.com/buybonds>