

Treasury Market Practices Group Chart Pack

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|-------|---------|------------------------------|--------|----|------|--|
| Price | ianie . | Tuesday. | JIIIne | 77 | 2021 | |

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|---------------------------|-----------|--------|---------|-----------|--------------|--|
| | Level | 1-Week | 1-Month | Since May | | |
| Asset | Yesterday | Change | Change | TMPG | Year-to-Date | |
| Treasuries | | | | | | |
| 2-Year Treasury | 0.25% | +10 | +11 | +10 | +13 | |
| 10-Year Treasury | 1.49% | -1 | -14 | -13 | +58 | |
| 30-Year Treasury | 2.11% | -7 | -22 | -24 | +46 | |
| 2-Year 10-Year Spread | 123 bps | -10 | -25 | -23 | +44 | |
| Mortgages | • | | | | | |
| Primary Mortgage Rate | 3.18% | +11 | +9 | +13 | +31 | |
| FNCL Current Coupon Yield | 1.92% | +8 | +6 | +8 | +58 | |
| Short Term Interest Rates | | | | | | |
| Effective Fed Funds | 0.10% | +0.04 | +0.04 | +0.04 | +0.01 | |
| SOFR Rate | 0.05% | +0.04 | +0.04 | +0.04 | -0.02 | |
| 3-Month LIBOR-OIS | 4 bps | -0 | -3 | -4 | -12 | |
| Policy Expectations | | | | | | |
| January 2022 Fed Funds | 0.11% | +0.02 | +0.03 | +0.02 | +0.03 | |
| January 2023 Fed Funds | 0.34% | +0.11 | +0.09 | +0.12 | +0.20 | |
| Equities | | | | | | |
| S&P 500 Futures | 4214 | -0.8% | +1.7% | +1.9% | +12.7% | |
| KBW Bank Index | 122.61 | -3.6% | -6.1% | -6.4% | +25.2% | |
| Brent Crude | \$74.9 | +2.8% | +15.0% | +9.3% | +44.6% | |
| Credit Spread to Treasury | | | | | | |
| 5-Year Investment Grade | 82 bps | -1 | -4 | -6 | -14 | |
| 5-Year High Yield | 281 bps | -3 | -30 | -19 | -79 | |
| Volatility Measures | | | | | | |
| Currency Vol CVIX Index | 6.09 pps | +0 | -0 | -0 | -1 | |
| Rate Vol MOVE Index | 62 bps | +8 | +7 | +4 | +13 | |
| Source: Bloomhera | · · | | | | | |

Source: Bloomberg

Treasury Market Liquidity Metrics and Fails

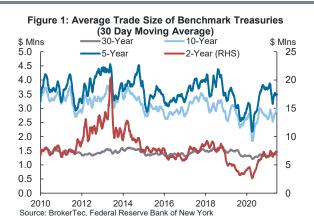
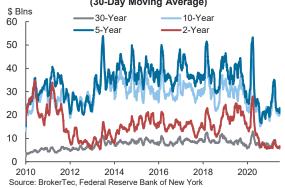
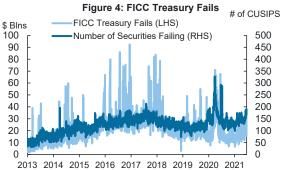


Figure 3: Average Size at Top of Book of Benchmark



Figure 2: Daily Trade Volume of Benchmark Treasuries (30-Day Moving Average)



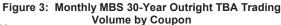


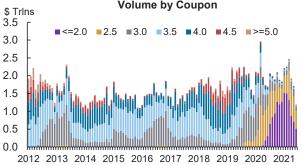
Calculated from data provided to the Federal Reserve Bank of New York by Fixed Income Clearing Corporation, a subsidiary of The Depository Trust & Clearing Corporation.



MBS and Agency Debt Market Liquidity Metrics

Figure 1: Weekly Agency MBS and Agency Debt Fails 4-Week Moving Average \$ Blns \$ Blns Fails Charge Announced Fails Charge 1,000 120 Implemented 105 800 90 Fails To Deliver Agency MBS (LHS)
Fails to Deliver Agency Debt (LHS)
Net Fails Agency MBS (RHS) 75 600 60 Net Fails Agency Debt (RHS) 400 45 30 200 15 0 0 2011 2013 2015 2017 2019 2021 Source: FR2004





Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales through 06/18/2021.
Source: TRACE

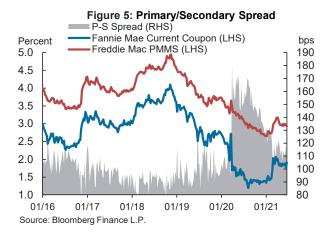


Figure 2: Monthly Average of Primary Dealer Agency
Debt Trading Volumes

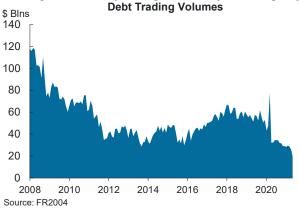
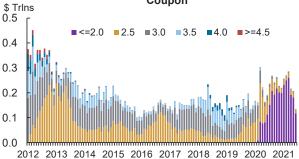


Figure 4: Monthly MBS 15-Year Trading Volume by Coupon



Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales through 06/18/2021. Source: TRACE

Figure 6: 30-Year Production Coupon

