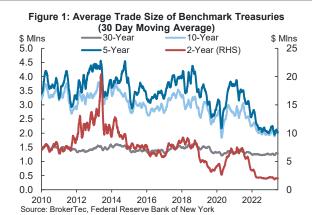


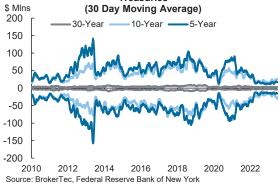
Treasury Market Practices Group Chart Pack

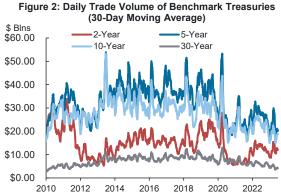
Price Table - Tuesday, June 27, 2023					
Asset	Level Yesterday	1-Week Change	1-Month Change	Since May TMPG	Year-to-Date
Treasuries					
2-Year Treasury	4.74%	+3	+21	+66	+32
10-Year Treasury	3.72%	-4	-10	+19	-15
30-Year Treasury	3.81%	-4	-18	-4	-15
2-Year 10-Year Spread	-103 bps	-8	-31	-48	-47
Mortgages					
Primary Mortgage Rate	7.06%	+6	-9	+12	+40
FNCL Current Coupon Yield	5.47%	+5	-29	+21	+10
Short Term Interest Rates					
Effective Fed Funds	5.07%	-0.01	-0.01	-0.01	+0.74
SOFR Rate	5.05%	+0.00	-0.01	+0.00	+0.75
3-Month LIBOR-OIS	31 bps	+1	+11	+8	+15
Policy Expectations					
June 2023 Fed Funds	5.08%	-0.00	-0.07	-0.02	+0.11
June 2024 Fed Funds	4.68%	+0.02	+0.44	+1.06	+0.70
Equities					
S&P 500 Futures	4370	-1.9%	+4.0%	+5.0%	+11.2%
KBW Bank Index	78.09	-4.4%	+1.2%	+6.3%	-22.6%
Brent Crude	\$74.18	-3.2%	-2.7%	-1.0%	-13.7%
Credit Spread to Treasury					
5-Year Investment Grade	132 bps	+1	-7	-16	+2
5-Year High Yield	429 bps	+28	-24	-55	-40
Volatility Measures					
Currency Vol CVIX Index	7.41 pps	+0	-0	-0	-2
Rate Vol MOVE Index	109 bps	+5	-31	-21	-13

Treasury Market Liquidity Metrics and Fails

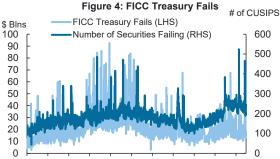








Source: BrokerTec, Federal Reserve Bank of New York



20132014201520162017201820192020202120222023 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

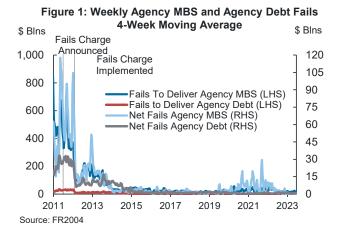
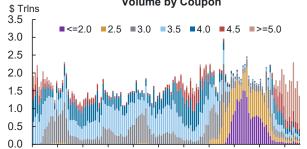
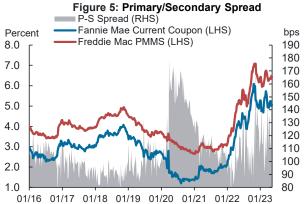


Figure 3: Monthly MBS 30-Year Outright TBA Trading Volume by Coupon



2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales through 03/24/2023. Source: TRACE



Source: Bloomberg Finance L.P.

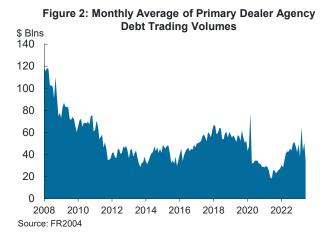
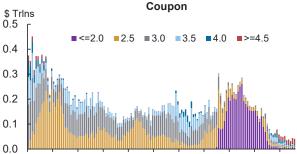


Figure 4: Monthly MBS 15-Year Trading Volume by



2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales through 03/24/2023. Source: TRACE

