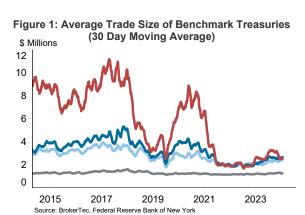


Treasury Market Practices Group Chart Pack

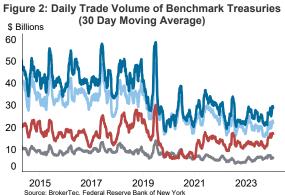
Price Table - October 22, 2024

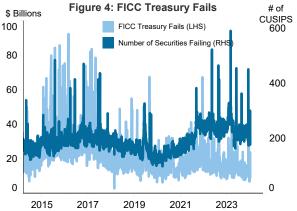
Asset	Level	1-Week	1-Month	Since last TMPG	Voor to Data
Treasuries	Yesterday	Change	Change	TIVIPG	Year-to-Date
	4.03%	+8	+44	+49	-29
2-Year Treasury		_	* *		
10-Year Treasury	4.20%	+10	+45	+47	+27
30-Year Treasury	4.50%	+9	+42	+42	+43
2-Year 10-Year Spread	16 bps	+2	+2	-2	+56
Mortgages					
Primary Mortgage Rate	7.38%	+39	+74	+72	+33
FNCL Current Coupon Yield	5.56%	+22	+72	+72	+18
Short Term Interest Rates					
Effective Fed Funds	4.83%	+0	+0	+0	-50
SOFR Rate	4.82%	+1	-1	-2	-58
3-Month LIBOR-OIS	27 bps	+2	-4	-5	-1
Equities					
S&P 500 Futures	5896	0.6%	2.3%	1.8%	19.9%
KBW Bank Index	120.35	1.0%	4.7%	6.1%	24.2%
Brent Crude	\$74.29	-6.0%	-0.3%	-1.2%	-2.1%
Credit Spread to Treasury					
5-Year Investment Grade	83 bps	+2	-8	-6	-18
5-Year High Yield	283 bps	-11	-18	-23	-50
Volatility Measures					
Currency Vol CVIX Index	7.8424 pps	+0	+0	+0	+0
Rate Vol MOVE Index	128.95 pps	+10	+38	+36	+2
Policy Expectations					
Oct 2024 Fed Funds	4.83%	+0	+0	+1	+66
Oct 2025 Fed Funds	3.53%	+10	+64	+68	+34

Treasury Market Liquidity Metrics and Fails









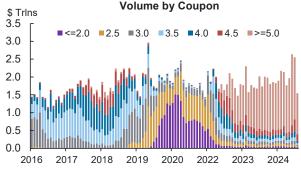
Calculated from data provided to the Federal Reserve Bank of New York by Fixed Income Clearing Corporation, a subsidiary of The Depository Trust & Clearing Corporation



MBS and Agency Debt Market Liquidity Metrics

Figure 1: Weekly Agency MBS and Agency Debt Fails 4-Week Moving Average \$ Blns \$ Blns 200 120 Fails To Deliver Agency MBS (LHS) Fails to Deliver Agency Debt (LHS) Net Fails Agency MBS (RHS) 105 150 90 Net Fails Agency Debt (RHS) 75 100 60 45 50 30 15 0 0 2016 2018 2020 2022 2024 Source: FR2004

Figure 3: Monthly MBS 30-Year Outright TBA Trading



Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales

Source: TRACE

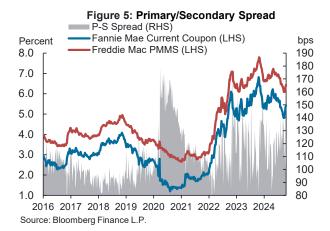


Figure 2: Monthly Average of Primary Dealer Agency

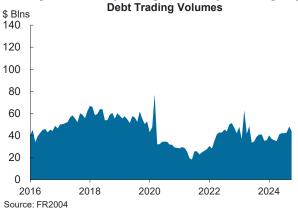
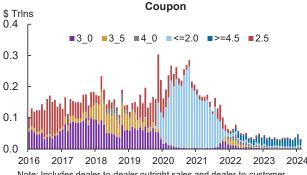


Figure 4: Monthly MBS 15-Year Trading Volume by Coupon



Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales Source: TRACE

Figure 6: 30-Year Production Coupon **Roll Specialness** 32nds Special 16 FNCL 4.5 12 FNCL 5. More 8 4 0 -4 -8 Less Special -12 -16 -20

2016 2017 2018 2019 2020 2021 2022 2023 2024 Source: J.P. Morgan DataQuery