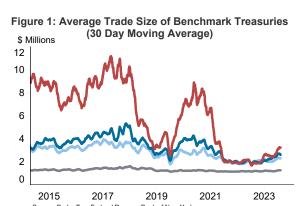


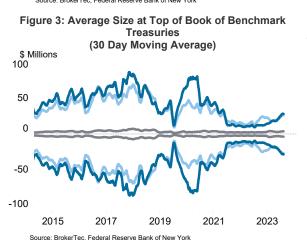
Treasury Market Practices Group Chart Pack

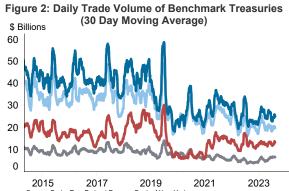
Price Table - May 14, 2024

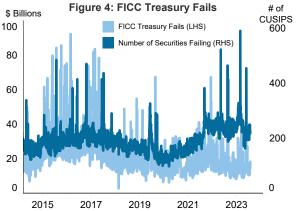
Asset	Level	1-Week	1-Month	Since last	Vacata Data
Treasuries	Yesterday	Change	Change	TMPG	Year-to-Date
	4.000/	.0	0	40	.54
2-Year Treasury	4.86%	+3	-6	-10	+54
10-Year Treasury	4.49%	+0	-11	-10	+56
30-Year Treasury	4.63%	-1	-9	-5	+56
2-Year 10-Year Spread	-38 bps	-3	-6	+0	+2
Mortgages					
Primary Mortgage Rate	7.38%	+0	-5	-3	+33
FNCL Current Coupon Yield	5.91%	-5	-25	-15	+52
Short Term Interest Rates					
Effective Fed Funds	5.33%	+0	+0	+0	+0
SOFR Rate	5.31%	+0	-1	+0	-9
3-Month LIBOR-OIS	24 bps	-1	+0	-2	-4
Equities					
S&P 500 Futures	5246	0.7%	2.8%	0.0%	8.4%
KBW Bank Index	105.58	1.3%	7.3%	6.1%	8.9%
Brent Crude	\$83.36	0.0%	-7.5%	-7.1%	9.8%
Credit Spread to Treasury					
5-Year Investment Grade	88 bps	+3	-3	+1	-13
5-Year High Yield	301 bps	+12	-13	+0	-32
Volatility Measures	•				
Currency Vol CVIX Index	6.45 pps	+0	+0	+0	-1
Rate Vol MOVE Index	105.35 pps	+11	-16	-4	-22
Policy Expectations					
May 2024 Fed Funds	5.33%	+0	+1	+0	+46
May 2025 Fed Funds	4.60%	+4	-5	-6	+119
Source: Bloomhera				-	

Treasury Market Liquidity Metric and Fails









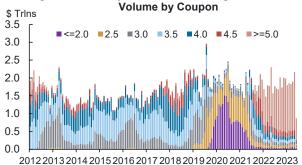
Calculated from data provided to the Federal Reserve Bank of New York by Fixed Income Clearing Corporation, a subsidiary of The Depository Trust & Clearing Corporation



MBS and Agency Debt Market Liquidity Metrics

Figure 1: Weekly Agency MBS and Agency Debt Fails 4-Week Moving Average \$ Blns \$ Blns 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 2011 2015 2017 2019 2021 2023 2013 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 through 03/24/2023. Source: TRACE

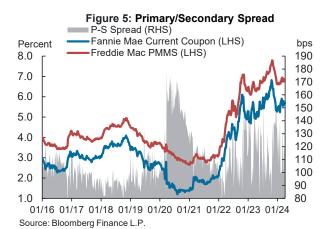


Figure 2: Monthly Average of Primary Dealer Agency

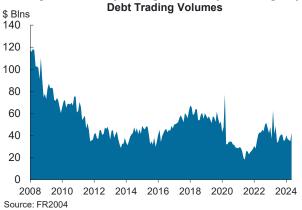
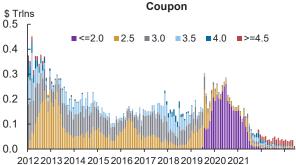
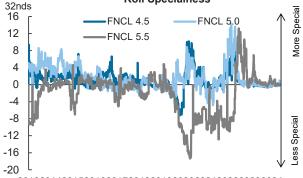


Figure 4: Monthly MBS 15-Year Trading Volume by



Note: Includes dealer-to-dealer outright sales and dealer-to-customer outright purchases and sales through 03/24/2023. Source: TRACE

Figure 6: 30-Year Production Coupon **Roll Specialness** FNCL 4.5 FNCL 5.5



201320142015201620172018201920202021202220232024 Source: J.P. Morgan DataQuery