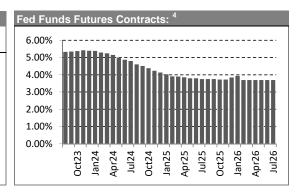


August 2, 2023

For Institutional Use Only

Cash Market Indices: 2							
	Discount 90 Day						
Term	Rate (%)	Change					
ON SOFR	5.30	0.24					
1 M LIBOR	5.43	0.33					
SOFR 30D AVG	5.12	0.30					
3 M LIBOR	5.63	0.31					
6 M LIBOR	5.86	0.47					
1 Y LIBOR	N.A.	N.A.					
FED FND ACT	5.32	0.25					
FED FND TGT	5.50	0.25					
O/N REPO	5.34	0.21					
SIFMA	3.49	0.04					

Commercial Paper (A1/P1): 3							
	Discount	90 Day Rate					
Term	Rate (%)	Change					
7 Day	5.29	0.25					
30 Day	5.35	0.25					
45 Day	5.38	0.23					
60 Day	5.42	0.22					
90 Day	5.52	0.24					
120 Day	5.59	0.28					
180 Day	5.73	0.42					
210 Day	5.78	0.50					
240 Day	5.80	0.58					
270 Day	5.80	0.61					



U.S. Treasury Bills: ⁵						
	Discount 90 Day Ra					
Term	Rate (%)	Change				
30 Days	5.20	0.11				
60 Days	5.25	0.15				
90 Days	5.29	0.24				
120 Days	5.31	0.35				
180 Days	5.31	0.59				
360 Days	5.29	0.57				

U.S. Agency Discount Notes: ⁶					
	Discount	90 Day Rate			
Term	Rate (%)	Change			
30 Days	5.26	0.51			
60 Days	5.31	0.53			
90 Days	5.34	0.48			
120 Days	5.37	0.43			
180 Days	5.42	0.45			
360 Days	5.40	0.47			

Institutional Money Market Mutual Funds: ⁷					
	1 - Day				
Fund Name	Yield				
Prime: Federated Money Mkt Management	5.39				
Prime: Dreyfus Cash Mgmt 5.27					
Prime: Western Asset Inst Liquid Reserves	5.34				
US Govt: Federated Gov't Obligations Fund	5.21				
US Govt: Fidelity Government Portfolio	5.21				
US Govt: Western Asset Inst Gov't Reserves	5.21				

Term Markets: Bloomberg F	air Market Valu	ue Curves ⁸						
Taxable Market	1 year	2 Years	3 Years	4 Years	5 Years	10 Years	20 Years	30 Years
U.S. Treasury Notes & Bonds	5.37	4.92	4.56	4.36	4.26	4.07	4.39	4.16
US Government Agency	5.42	4.97	4.64	4.45	4.34	4.35	4.65	NA
US TXBL Municipal G.O. AAA	5.43	4.99	4.75	4.64	4.65	4.82	5.23	5.43
US TXBL Municipal G.O. AA	5.45	5.13	4.95	4.85	4.85	4.94	5.15	5.35
USD Corporate Composite A	5.55	5.24	5.09	4.98	4.95	5.21	5.52	5.38
Tax-Exempt Muni Market	1 year	2 Years	3 Years	4 Years	5 Years	10 Years	20 Years	30 Years
US General Obligation AAA	3.18	3.06	2.91	2.79	2.72	2.65	3.44	3.68
US General Obligation AA+	3.37	3.23	3.06	2.94	2.87	2.84	3.67	3.97

Bloomberg Bond Yield Forecasts (Weighted Average) 9						
Index	Q3 23	Q4 23	Q1 24	Q2 24	Q3 24	Q4 24
Federal Funds Rate	5.50	5.50	5.30	4.85	4.40	4.05
3 Month Term SOFR	5.32	5.32	5.05	4.69	4.32	4.00
2 Year US Treasury Yield	4.65	4.43	4.07	3.80	3.58	3.41
10 Year US Treasury Yield	3.75	3.64	3.54	3.48	3.45	3.42

Please contact the following individuals below with questions: Chris Sullivan Jack Fav Lorraine Welch Senior Financial Advisor - Investments Senior Director - Investments Senior Financial Associate Cash Management Group of Oppenheimer & Co. Inc. Cash Management Group of Oppenheimer & Co. Inc. Cash Management Group of Oppenheimer & Co. Inc. chris.sullivan@opco.com jack.fay@opco.com lorraine.welch@opco.com 612-337-2719 612-337-2770 612-337-2723

1) Rates quoted are as of the date shown, are subject to change, do not include sales commissions and may include a dealer spread. 2) Source: Bloomberg. FED FND ACT is Fed Funds Effective Rate. FED FND TGT is Fed Funds Target Rate. 3) Source: Bloomberg. Rates are composite of offered levels for A1/P1/F1 US Commercial Paper. 4) Source: Bloomberg. Federal Funds Futures contracts effective rates. 5) Source: Bloomberg. Rates are a composite of offered levels for U.S. Treasury Bills. 6) Source: Bloomberg. Rates are a composite of discount offered levels received from brokers & dealers for US Agency Discount Notes. 7) Source: Bloomberg. Annualized 1-Day Distribution Yield. Yields can change daily when the NYSE is open. Please note that the minimum initial investment amount and minimum balance requirements can vary greatly between money market funds. Please contact us or read the prospectus for current minimums and availability of money market funds in your account. An investment in a money market fund is not guaranteed by the Federal Deposit Insurance Corp or other government agency. 8) Source: Bloomberg. Rates are derived from Bloomberg's option-free Fair Market Curves. 9) Source: Bloomberg. Fed Funds, 3-Month Libor, and 2-Year Treasury Forecasts from Bloomberg. Weighted Average results illustrated.

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Commercial Paper (CP):

Short-term negotiable unsecured promissory notes issued at a discount to par, primarily by industrial and financial corporations. Interest income on CP is fully taxable.

Federal Funds Futures Contracts:

The Federal Funds Futures Contract is for the simple average of the daily effective federal funds rate during the month of the contract.

Federal Agency Discount Notes:

Federal Agency Discount Notes are short-term securities issued by government sponsored enterprises (GSEs) at a discount to par value. The difference between the discount purchase price and the par value (the accreted interest) is paid at maturity. The interest earned on some Federal Agency Discount Notes is state and local tax-exempt.

Federal Agency Bonds:

Federal Agency Bonds are securities issued by government sponsored enterprises (GSEs), corporations created by Congress to foster a public purpose. Most agency bonds pay a semiannual coupon and are sold in a variety of instruments.

Money Market Mutual Funds

An investment in a U.S. SEC 2a-7 registered money market fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other U.S. government agency. Although a US Domestic money market fund seeks to preserve the value of your investment at \$1.00 per share, it is possible to lose money by investing in a money market fund. An investor should consider the investment objectives, risks, and charges and expenses of the Fund(s) carefully before investing. A prospectus which contains this and other important information about the Fund(s) may be obtained from your Oppenheimer Financial Advisor. Please read the prospectus carefully before investing or sending money.

USD Composite A

Bloomberg Composite Ratings are averages of Moody's, Standard and Poor's and Fitch. The indices are comprised of a basket of US Dollar denominated option-free Fair Market Value Corporate bonds with maturity dates around the selected time period.

US General Obligation AAA, AA+, AA-, A+

Bloomberg Composite Ratings are averages of Moody's, Standard and Poor's and Fitch. The indices are comprised of a basket of US Dollar denominated option-free Fair Market Value Municipal General Obligation bonds with maturity dates around the selected time period.

U.S. Treasury Bills:

A short term debt obligation backed by the U.S. Government with a maturity of less than one year. T-bills commonly have maturities of one month, three months, or six months. T-bills are issued through a competitive bidding process at a discount from par, which means that rather than paying fixed interest payments like conventional bonds, the appreciation of the bond provides the return to the holder.

U.S. Treasury Notes and Bonds:

A fixed-interest U.S. government debt security with a maturity from one to thirty years. Treasury securities make interest payments semi-annually and interest is only taxed at the federal level.

90 Day Rate Change

The difference between the current rate and the rate 90 days prior. Should 90 days prior fall on a date where the market is closed, the date is shifted to the last open market date beyond 90 days.

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