

YIELD ANALYSIS

June 4, 2019

U.S. Treasury Yields Mu				Municipal Bo	nd Yields ¹	U.S. Agency Yields - Active Bonds					
Coupon	Maturity	YTM	Maturity	YTM	Tax-Equiv. ²	Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
0.000%	05/21/20	2.16%	06/03/20	1.39%	1.99%	FNMA	1.500%	02/28/20	\$99.43	2.29%	+30
2.125%	05/31/21	1.92%	06/03/21	1.40%	2.00%	FNMA	1.375%	02/26/21	\$99.09	1.91%	-9
2.125%	05/15/22	1.87%	06/03/22	1.41%	2.01%	FHLB	2.250%	03/11/22	\$101.14	1.82%	-18
2.750%	05/31/23	1.90%	06/03/23	1.42%	2.02%	FHLMC	2.750%	06/19/23	\$103.41	1.87%	-15
2.000%	05/31/24	1.91%	06/03/24	1.43%	2.04%	FHLB	3.250%	03/08/24	\$105.73	1.96%	-8
2.375%	05/15/29	2.13%	06/03/29	1.64%	2.34%	FFCB	3.000%	03/14/29	\$103.40	2.60%	+26
2.875%	05/15/49	2.58%	06/03/49	2.38%	3.40%	FFCB	3.580%	04/11/47	\$107.92	3.13%	-27
					Curren	nt Yield Curves					
U.S. Treasuries					High-Grade Municipal Bonds			U.S. Agencies			
5.00%				5.00% -				5.00%			
3.75% -				3.75% -				3.75% -			
								3.75% -			•
2.50% -	****			◆ 2.50% -			•	2.50% -			
1.25% -	-			1.25% -	*****			1.25% -			
0.00%				0.00%				0.000/			
2018	2026	2034	2042	0.00% +	8 2026	2034 2042	2050	2019 2025	2031	2037 2	2043
Corporate Bond Yields							Bullet & Callable Agency Bond Yields ³				
Description Price			YTM	To Treasury (bp)	De	escription	Call Date	Price	YTM	YTW	
WFC (A2/A-) 2.5% 3/4/2021			\$99.99	2.51%	+59	FHLB 2.58%		09/20/19	\$99.98	2.55%	2.55%
JPM (A2/A-) 3.56% 4/23/2024			\$102.63	2.92%	+102	FHLB 2.65%		06/11/19	\$99.97	2.04%	2.04%
BAC (A2/A-) 3.5% 4/19/2026			\$101.77 3.21%		+130		5% 3/11/2024	06/11/19	\$100.03	3.03%	1.18%
MS (A3/BBB+) 4.05% 3/13/2029 \$103.06			3.62%	+149	FHLB 3.04%	6 2/28/2029	06/11/19	\$98.80	3.18%	3.18%	
6.00%						6.00%					
4.00% -			•	•	•	4.00% -					•
2.00% -	•					2.00% -	*	•			
0.00%											

(1) High-grade municipal bonds. (2) Based on a 30% marginal federal income tax bracket. (3) Graph displays yield to call.

Key: bp - basis points. One basis point is 1/100 of one percent. YTM - yield to maturity; YTC - yield to call.

Factual materials obtained from sources believed to be reliable but cannot be guaranteed. Part II of Form ADV is available upon request. For further information please contact FCI at (800) 615-2536.