

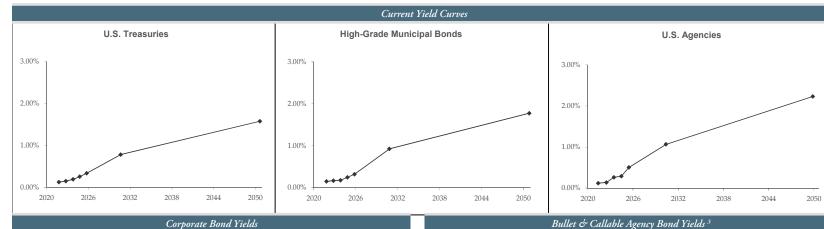
YIELD ANALYSIS

October 20, 2020

U.S. Treasury Yields					
Coupon	Maturity	YTM			
0.000%	10/07/21	0.12%			
0.125%	09/30/22	0.15%			
0.125%	10/15/23	0.19%			
1.500%	09/30/24	0.25%			
0.250%	09/30/25	0.33%			
0.625%	08/15/30	0.78%			
1.375%	08/15/50	1.57%			

Municipal Bond Yields ¹					
Maturity	YTM	Tax-Equiv. ²			
10/19/21	0.15%	0.21%			
10/19/22	0.17%	0.24%			
10/19/23	0.18%	0.25%			
10/19/24	0.25%	0.35%			
10/19/25	0.32%	0.46%			
10/19/30	0.93%	1.32%			
10/19/50	1.78%	2.54%			

U.S. Agency Yields - Active Bonds						
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)	
FNMA	1.250%	08/17/21	\$100.93	0.12%	-9	
FNMA	1.375%	09/06/22	\$102.32	0.14%	-10	
FHLB	3.375%	09/08/23	\$108.93	0.26%	+1	
FHLB	2.875%	09/13/24	\$110.02	0.29%	-7	
FFCB	3.020%	09/04/25	\$112.09	0.50%	+4	
FNMA	0.875%	08/05/30	\$98.23	1.07%	-26	
FFCB	2.760%	02/03/50	\$110.58	2.23%	-30	



Description	Price	YTM	To Treasury (bp)
C (A3/BBB+) 2.35% 8/2/2021	\$101.64	0.24%	+10
JPM (A2/A-) 2.3% 10/15/2025	\$105.56	0.95%	+70
WFC (A2/BBB+) 1.23% 9/20/2027	\$97.30	1.63%	+130
BAC (A2/A-) 2.88% 10/22/2030	\$108.40	1.83%	+105
2.00%			•
2020 2022	2024 2026	202	8 2030

