

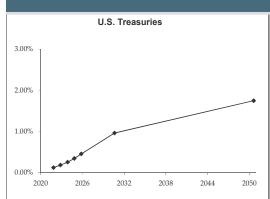
## YIELD ANALYSIS

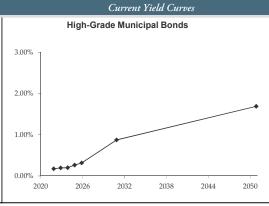
November 10, 2020

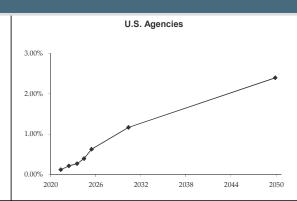
U.S. Treasury Yields				
Coupon	Maturity	YTM		
0.000%	11/04/21	0.12%		
0.125%	10/31/22	0.18%		
0.250%	11/15/23	0.25%		
1.500%	10/31/24	0.34%		
0.250%	10/31/25	0.45%		
0.625%	08/15/30	0.96%		
1.375%	08/15/50	1.75%		

Municipal Bond Yields <sup>1</sup>				
Maturity	YTM	Tax-Equiv. <sup>2</sup>		
11/09/21	0.17%	0.25%		
11/09/22	0.19%	0.28%		
11/09/23	0.20%	0.29%		
11/09/24	0.26%	0.38%		
11/09/25	0.32%	0.45%		
11/09/30	0.87%	1.25%		
11/09/50	1.69%	2.42%		

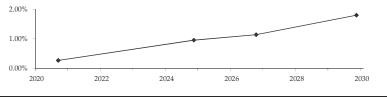
U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FNMA	1.250%	08/17/21	\$100.87	0.12%	-13
FNMA	1.375%	09/06/22	\$102.11	0.21%	-7
FHLMC	0.125%	10/16/23	\$99.59	0.26%	-2
FHLB	2.875%	09/13/24	\$109.45	0.39%	+1
FFCB	3.020%	09/04/25	\$111.35	0.62%	+17
FNMA	0.875%	08/05/30	\$97.35	1.16%	-8
FFCB	2.760%	02/03/50	\$106.95	2.39%	-2







Price	YTM	To Treasury (bp)
\$101.49	0.27%	+9
\$105.45	0.96%	+62
\$100.11	1.14%	+69
\$108.60	1.80%	+84
	-	_
	\$101.49 \$105.45 \$100.11	\$101.49 0.27% \$105.45 0.96% \$100.11 1.14%



Bullet & Callable Agency Bond Yields <sup>3</sup>					
Description	Call Date	Price	YTM	YTW	
FFCB 0.2% 9/8/2021	11/18/20	\$100.00	0.20%	0.20%	
FHLMC 0.32% 7/8/2022	01/08/21	\$100.04	0.31%	0.31%	
FHLMC 0.45% 4/29/2025	10/29/21	\$99.96	0.47%	0.46%	
FFCB 1.23% 7/29/2030	07/29/21	\$99.73	1.26%	1.26%	

