

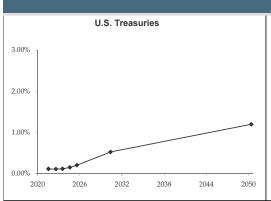
YIELD ANALYSIS

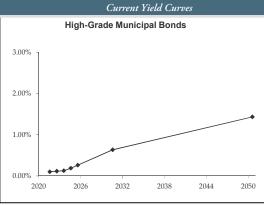
August 4, 2020

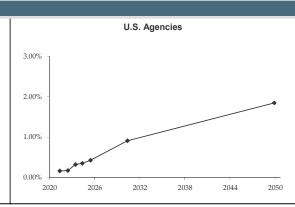
U.S. Treasury Yields			
Coupon	Maturity	YTM	
0.000%	07/15/21	0.11%	
0.125%	07/31/22	0.11%	
0.125%	07/15/23	0.11%	
1.750%	07/31/24	0.15%	
0.250%	07/31/25	0.20%	
0.625%	05/15/30	0.52%	
1.250%	05/15/50	1.20%	

Municipal Bond Yields ¹			
Maturity	YTM	Tax-Equiv. ²	
08/03/21	0.10%	0.14%	
08/03/22	0.11%	0.16%	
08/03/23	0.13%	0.18%	
08/03/24	0.19%	0.27%	
08/03/25	0.26%	0.37%	
08/03/30	0.64%	0.91%	
08/03/50	1.43%	2.05%	

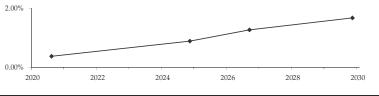
U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FNMA	1.250%	08/17/21	\$101.13	0.16%	+2
FNMA	1.375%	09/06/22	\$102.51	0.17%	+1
FHLB	3.375%	09/08/23	\$109.40	0.32%	+14
FHLB	5.375%	08/15/24	\$120.09	0.35%	+8
FFCB	3.020%	09/04/25	\$112.88	0.42%	+5
FNMA	0.875%	08/05/30	\$99.69	0.91%	-0
FFCB	2.760%	02/03/50	\$120.75	1.84%	-20







Corporate Bond Yields					
Description	Price	YTM	To Treasury (bp)		
WFC (A2/BBB+) 2.1% 7/26/2021	\$101.67	0.38%	+27		
JPM (A2/A-) 2.3% 10/15/2025	\$106.15	0.89%	+74		
JPM (A2/A-) 3% 8/31/2027	\$98.01	1.27%	+106		
BAC (A2/A-) 2.88% 10/22/2030	\$110.09	1.67%	+115		
2.00%		-			



Bullet & Callable Agency Bond Yields ³				
Description	Call Date	Price	YTM	YTW
FFCB 0.2% 9/8/2021	09/08/20	\$100.01	0.21%	0.21%
FHLMC 0.32% 7/8/2022	01/08/21	\$100.04	0.30%	0.30%
FHLMC 0.8% 7/21/2025	10/21/20	\$100.00	0.80%	0.80%
FFCB 1.23% 7/29/2030	07/29/21	\$100.00	1.23%	1.23%

