

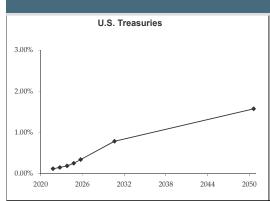
YIELD ANALYSIS

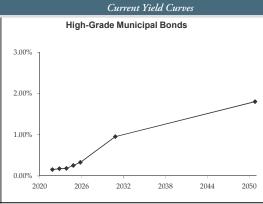
October 27, 2020

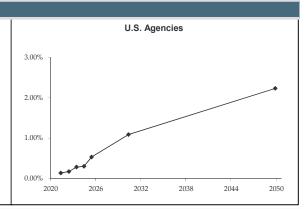
U.S. Treasury Yields				
Coupon	Maturity	YTM		
0.000%	10/07/21	0.12%		
0.125%	09/30/22	0.15%		
0.125%	10/15/23	0.19%		
1.500%	09/30/24	0.25%		
0.250%	09/30/25	0.34%		
0.625%	08/15/30	0.78%		
1.375%	08/15/50	1.57%		

Municipal Bond Yields ¹				
Maturity	YTM	Tax-Equiv. ²		
10/26/21	0.16%	0.22%		
10/26/22	0.18%	0.25%		
10/26/23	0.18%	0.26%		
10/26/24	0.26%	0.36%		
10/26/25	0.33%	0.47%		
10/26/30	0.95%	1.36%		
10/26/50	1.80%	2.58%		

U.S. Agency Yields - Active Bonds					
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FNMA	1.250%	08/17/21	\$100.90	0.13%	-9
FNMA	1.375%	09/06/22	\$102.24	0.17%	-8
FHLB	3.375%	09/08/23	\$108.81	0.28%	+2
FHLB	2.875%	09/13/24	\$109.92	0.30%	-7
FFCB	3.020%	09/04/25	\$111.77	0.53%	+6
FNMA	0.875%	08/05/30	\$98.05	1.09%	-28
FFCB	2.760%	02/03/50	\$110.59	2.23%	-35







C (A3/BBB+) 2.35% 8/2/2021 \$101.55 0.31% +16 JPM (A2/A-) 2.3% 10/15/2025 \$105.28 1.00% +75 WFC (A2/BBB+) 1.23% 9/20/2027 \$99.52 1.24% +90 BAC (A2/A-) 2.88% 10/22/2030 \$108.02 1.86% +108				
JPM (A2/A-) 2.3% 10/15/2025 \$105.28 1.00% +75 WFC (A2/BBB+) 1.23% 9/20/2027 \$99.52 1.24% +90 BAC (A2/A-) 2.88% 10/22/2030 \$108.02 1.86% +108	Description	Price	YTM	To Treasury (bp
WFC (A2/BBB+) 1.23% 9/20/2027 \$99.52 1.24% +90 BAC (A2/A-) 2.88% 10/22/2030 \$108.02 1.86% +108	3/BBB+) 2.35% 8/2/2021	\$101.55	0.31%	+16
BAC (A2/A-) 2.88% 10/22/2030 \$108.02 1.86% +108	A2/A-) 2.3% 10/15/2025	\$105.28	1.00%	+75
2.00% 1.00%	(A2/BBB+) 1.23% 9/20/202	7 \$99.52	1.24%	+90
0.00%	(A2/A-) 2.88% 10/22/2030	\$108.02	1.86%	+108
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2020 2022 2024 2026 2028 20	2020 2022	2024 2026	2028	2030

Corporate Bond Yields

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Description	Call Date	Price	YTM	YTW
FFCB 0.2% 9/8/2021	11/03/20	\$100.03	0.19%	0.19%
FHLMC 0.32% 7/8/2022	01/08/21	\$100.04	0.31%	0.31%
FHLMC 0.45% 4/29/2025	10/29/21	\$99.95	0.46%	0.46%
FFCB 1.23% 7/29/2030	07/29/21	\$99.85	1.25%	1.25%
2.00%				-
0.0070			1	

2030