

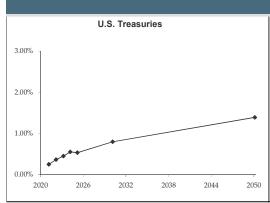
YIELD ANALYSIS

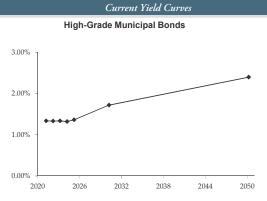
March 17, 2020

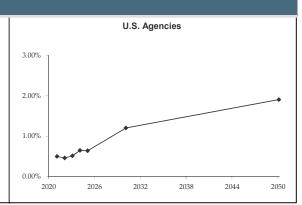
U.S. Treasury Yields						
Coupon	Maturity	YTM				
0.000%	02/25/21	0.25%				
1.125%	02/28/22	0.36%				
0.500%	03/15/23	0.45%				
2.375%	02/29/24	0.55%				
1.125%	02/28/25	0.53%				
1.500%	02/15/30	0.80%				
2.000%	02/15/50	1.39%				

Ma	unicipal Bond	Yields ¹
Maturity	YTM	Tax-Equiv. ²
03/16/21	1.34%	1.91%
03/16/22	1.33%	1.90%
03/16/23	1.34%	1.91%
03/16/24	1.32%	1.89%
03/16/25	1.36%	1.95%
03/16/30	1.72%	2.46%
03/16/50	2.40%	3.43%

		U.S. Agency Yields - 1	Active Bonds		
Agency	Coupon	Maturity	Price	YTM	To Muni (bp)
FHLB	1.375%	02/18/21	\$100.79	0.49%	-142
FFCB	1.550%	02/15/22	\$102.04	0.46%	-145
FFCB	1.850%	02/01/23	\$103.76	0.51%	-140
FHLB	2.125%	02/15/24	\$105.65	0.64%	-124
FFCB	2.950%	02/28/25	\$111.19	0.63%	-131
FFCB	2.800%	02/11/30	\$114.60	1.20%	-126
FFCB	2.760%	02/03/50	\$118.63	1.90%	-152







Corpor	ate Bond Yields		
Description	Price	YTM	To Treasury (bp)
JPM (A2/A-) 4.5% 1/24/2022	\$103.78	2.37%	+201
WFC (A2/A-) 3% 2/19/2025	\$100.52	2.86%	+231
MS (A3 *+/BBB+) 3.63% 1/20/2027	\$102.96	3.12%	+259
GS (A3/BBB+) 3.3% 3/15/2030	\$100.90	3.15%	+235
4.00% - 3.00% - 2.00% - 1.00% -	•	, , ,	•
2020 2022 2024	2026	2028	2030

