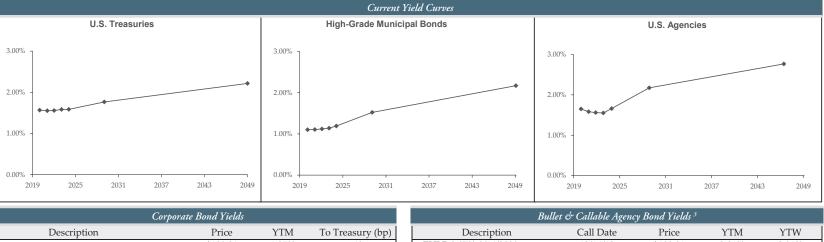


YIELD ANALYSIS

December 3, 2019

	U.S. Treasury Y	Tields	Municipal Bond Yields ¹				U.S. Agency Yields - Active Bonds					
Coupon	Maturity	YTM	Maturity	YTM	Tax-Equiv. ²	Agency	Coupon	Maturity	Price	YTM	To Muni (bp)	
0.000%	11/05/20	1.57%	12/02/20	1.10%	1.57%	FHLB	2.625%	10/01/20	\$100.79	1.65%	+8	
1.500%	11/30/21	1.55%	12/02/21	1.11%	1.58%	FNMA	1.375%	10/07/21	\$99.61	1.58%	+0	
1.625%	11/15/22	1.56%	12/02/22	1.12%	1.60%	FNMA	1.375%	09/06/22	\$99.45	1.56%	-4	
2.875%	11/30/23	1.58%	12/02/23	1.14%	1.63%	FFCB	1.700%	09/25/23	\$100.32	1.55%	-8	
1.500%	11/30/24	1.58%	12/02/24	1.19%	1.70%	FHLB	1.680%	10/01/24	\$99.80	1.66%	-4	
1.750%	11/15/29	1.77%	12/02/29	1.52%	2.17%	FFCB	2.430%	09/28/29	\$102.02	2.17%	-0	
2.375%	11/15/49	2.22%	12/02/49	2.17%	3.10%	FFCB	3.580%	04/11/47	\$115.15	2.77%	-33	



	Description			Price	YTM	To Treasury (bp)	Description			Call Dat
ſ	WFC (A2/A-) 2.1% 7/26/2021			\$100.21	1.95%	+40	FH	ILB 2.07% 9/16/	12/16/19	
	JPM (A2/A-) 3.11% 8/29/2024			\$101.24	2.78%	+119	FH	ILB 2.05% 9/23/	03/23/20	
	C (A3/BBB+) 3% 5/15/2026			\$99.28	3.07%	+149	FF	CB 1.96% 9/16/2	2024	09/16/20
	MS (A3/BBB+) 4.05% 3/13/2029			\$108.02 3.01%		+124	FH	ILB 2.5% 9/28/2	12/28/19	
	4.00% 3.00% 2.00% 1.00% 0.00%						4.00° 3.00° 2.00°	% - •	•	
	2020	2022	2024	2026	2028	2030	0.004	2020	2022	2024

/19 \$100.01 2.01% 2.01% /20 \$100.08 1.99% 1.99% /20 \$99.93 1.97% 1.98% 2.84% 2.85% /19 \$97.00 2026 2028 2030

(1) High-grade municipal bonds. (2) Based on a 30% marginal federal income tax bracket. (3) Graph displays yield to call.

Key: bp - basis points. One basis point is 1/100 of one percent. YTM - yield to maturity; YTC - yield to call.

Factual materials obtained from sources believed to be reliable but cannot be guaranteed. Part II of Form ADV is available upon request. For further information please contact FCI at (800) 615-2536.