

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 1

April 2021

MUNICIPALITY:	North Attleborough		Chelmsford		Minuteman RVTSD		East Bridgewater	
BANK QUALIFIED:	Yes		No		Yes		No	
RATING:	AA		AA+		AA		AA	
AMOUNT:	\$5,520,000		\$13,195,000		\$6,300,000		\$19,520,000	
SALE DATE:	4/1/2021		4/6/2021		4/6/2021		4/6/2021	
TERM:	20		20		20		20	
TIC:	1.4239%		1.1526%		1.7107%		1.0243%	
INSURANCE:	No		No		No		No	
TERM BONDS:	Yes		No		No		Yes	
TAXABLE:	No		No		No		No	
BID:	109.6808		111.5799		107.2596		120.7054	
\$ PREMIUM:	\$ 534,380		\$ 1,527,968		\$ 457,355		\$ 5	
		Reoffering		Reoffering		Reoffering		Reoffering
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2022	5.000%	0.200%	5.000%	0.110%	5.000%	0.180%	5.000%	0.100%
2023	5.000%	0.250%	5.000%	0.170%	5.000%	0.200%	5.000%	0.160%
2024	5.000%	0.320%	5.000%	0.300%	5.000%	0.320%	5.000%	0.280%
2025	5.000%	0.440%	5.000%	0.420%	5.000%	0.440%	5.000%	0.400%
2026	5.000%	0.560%	5.000%	0.550%	5.000%	0.570%	5.000%	0.530%
2027	5.000%	0.700%	5.000%	0.690%	5.000%	0.690%	5.000%	0.650%
2028	2.000%	0.810%	5.000%	0.830%	5.000%	0.830%	5.000%	0.790%
2029	4.000%	0.960%	4.000%	1.000%	5.000%	0.970%	5.000%	0.930%
2030	2.000%	1.150%	2.000%	1.300%	2.000%	1.250%	5.000%	1.040%
2031	2.000%	1.250%	2.000%	1.390%	2.000%	1.350%	4.000%	1.140%
2032			2.000%	1.460%	2.000%	1.450%	3.000%	1.300%
2033	2.000%	1.410%	2.000%	1.540%	2.000%	1.500%	3.000%	1.350%
2034			2.000%	1.620%	2.000%	1.550%	3.000%	1.400%
2035	2.000%	1.580%	2.000%	1.690%	2.000%	1.600%		
2036			2.000%	1.730%	2.000%	1.650%	2.000%	1.700%
2037			2.000%	1.820%	2.000%	1.700%		
2038	2.000%	1.760%	2.000%	1.880%	2.000%	1.750%	2.000%	1.800%
2039			2.000%	1.950%	2.000%	1.850%		
2040			2.000%	2.040%	2.000%	1.950%		
2041	2.000%	1.940%	2.000%	2.090%	2.000%	2.050%	2.000%	2.000%
	Callable April 15, 2029		Callable April 15, 2028		Callable April 15, 2029		Callable April 15, 2030	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 2

April 2021

MUNICIPALITY:	Berlin-Boyalson RSD		Millis		Dracut		Foxborough	
BANK QUALIFIED:	No		Yes		No		Yes	
RATING:	Aa3		Aa3		AA		AAA	
AMOUNT:	\$9,760,000		\$3,835,000		\$16,520,000		\$8,600,000	
SALE DATE:	4/7/2021		4/7/2021		4/8/2021		4/8/2021	
TERM:	10		25		12		20	
TIC:	0.9189%		1.9241%		0.9368%		1.5466%	
INSURANCE:	No		No		No		No	
TERM BONDS:	No		Yes		No		Yes	
TAXABLE:	No		No		No		No	
BID:	123.6761		106.1733		126.607		110.2057	
\$ PREMIUM:	\$ 2,310,787		\$ 236,746		\$ 4,395,476		\$ 877,690	
		Reoffering		Reoffering		Reoffering		Reoffering
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2022	5.000%	0.120%	5.000%	0.160%	5.000%	0.090%	5.000%	0.140%
2023	5.000%	0.200%	5.000%	0.210%	5.000%	0.160%	5.000%	0.220%
2024	5.000%	0.330%	5.000%	0.330%	5.000%	0.280%	5.000%	0.280%
2025	5.000%	0.450%	2.000%	0.450%	5.000%	0.400%	5.000%	0.400%
2026	5.000%	0.580%	2.000%	0.580%	5.000%	0.530%	5.000%	0.500%
2027	5.000%	0.710%	2.000%	0.700%	5.000%	0.660%	5.000%	0.650%
2028	5.000%	0.850%	5.000%	0.850%	5.000%	0.790%	5.000%	0.730%
2029	5.000%	0.990%	5.000%	1.000%	5.000%	0.920%	5.000%	0.880%
2030	5.000%	1.100%	5.000%	1.110%	5.000%	1.020%	5.000%	0.990%
2031	5.000%	1.180%	5.000%	1.190%	5.000%	1.100%	2.000%	1.200%
2032					5.000%	1.160%		
2033					5.000%	1.240%		
2034								
2035							2.000%	1.410%
2036			2.000%	1.700%			2.000%	1.500%
2037							2.000%	1.600%
2038							2.000%	1.650%
2039							2.000%	1.700%
2040							2.000%	1.750%
2041			2.000%	2.000%			2.000%	1.800%
2042								
2043								
2044								
2045								
2046			2.250%	2.250%				
	Non-callable		Callable April 15, 2030		Non-callable		Callable April 15, 2030	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 3

April 2021

MUNICIPALITY:	Agawam	Framingham	Provincetown	Shrewsbury				
BANK QUALIFIED:	Yes	No	No	No				
RATING:	AA+	Aa2	AA+	AAA				
AMOUNT:	\$2,605,000	\$13,430,000	\$12,710,000	\$8,210,000				
SALE DATE:	4/13/2021	4/13/2021	4/13/2021	4/14/2021				
TERM:	10	10	20	10				
TIC:	0.8401%	0.6775%	1.2996%	0.7542%				
INSURANCE:	No	No	No	No				
TERM BONDS:	No	No	No	No				
TAXABLE:	No	No	No	No				
BID:	116.2730	118.7503	111.7325	122.5744				
\$ PREMIUM:	\$ 423,912	\$ 2,518,165	\$ 1,491,201	\$ 1,853,358				
	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield
2021				5.000%	0.103%			
2022	5.000%	0.100%	5.000%	0.080%	5.000%	0.110%	5.000%	0.100%
2023	5.000%	0.140%	5.000%	0.140%	5.000%	0.170%	5.000%	0.120%
2024	5.000%	0.220%	5.000%	0.230%	5.000%	0.290%	5.000%	0.200%
2025	5.000%	0.350%	5.000%	0.360%	5.000%	0.420%	5.000%	0.330%
2026	5.000%	0.480%	5.000%	0.490%	5.000%	0.550%	5.000%	0.460%
2027	5.000%	0.610%	5.000%	0.630%	5.000%	0.690%	5.000%	0.630%
2028	5.000%	0.740%	5.000%	0.760%	5.000%	0.830%	5.000%	0.730%
2029	5.000%	0.870%	4.000%	0.880%	5.000%	0.960%	4.000%	0.890%
2030	2.000%	1.070%	4.000%	0.990%	2.000%	1.230%	5.000%	0.990%
2031	2.000%	1.200%	4.000%	1.070%	2.000%	1.350%	5.000%	1.080%
2032					2.000%	1.450%		
2033					2.000%	1.550%		
2034					2.000%	1.630%		
2035					2.000%	1.700%		
2036					2.000%	1.790%		
2037					2.000%	1.880%		
2038					2.000%	1.970%		
2039					2.000%	2.060%		
2040					2.000%	2.100%		
	Callable April 15, 2029		Non-callable		Callable Sept 15 2029		Non-callable	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 4

April 2021

MUNICIPALITY:	Watertown		Fitchburg		Ipswich		Rowley	
BANK QUALIFIED:	No		Yes		No		Yes	
RATING:	AAA		AA		AAA		AA+	
AMOUNT:	\$39,090,000		\$8,475,000		\$15,535,000		\$3,020,000	
SALE DATE:	4/14/2021		4/15/2021		4/21/2021		4/22/2021	
TERM:	20		20		20		20	
TIC:	1.4731%		1.5455%		1.3385%		1.5778%	
INSURANCE:	No		No		No		No	
TERM BONDS:	No		No		No		No	
TAXABLE:	No		No		No		No	
BID:	112.3309		110.4815		112.4857		111.1081	
\$ PREMIUM:	\$ 4,820,149		\$ 888,307		\$ 1,939,653		\$ 335,465	
		Reoffering		Reoffering		Reoffering		Reoffering
	Coupon	Yield	Coupon	Yield	Coupon	Yield	Coupon	Yield
2021					5.000%	0.100%		
2022	5.000%	0.070%	5.000%	0.100%	5.000%	0.100%	5.000%	0.100%
2023	5.000%	0.100%	5.000%	0.140%	5.000%	0.120%	5.000%	0.120%
2024	5.000%	0.180%	5.000%	0.220%	5.000%	0.200%	5.000%	0.190%
2025	5.000%	0.310%	5.000%	0.350%	5.000%	0.310%	5.000%	0.300%
2026	5.000%	0.440%	5.000%	0.480%	5.000%	0.410%	5.000%	0.420%
2027	5.000%	0.570%	4.000%	0.610%	5.000%	0.560%	5.000%	0.550%
2028	3.000%	0.710%	4.000%	0.740%	5.000%	0.690%	5.000%	0.680%
2029	5.000%	0.830%	4.000%	0.850%	5.000%	0.810%	5.000%	0.820%
2030	5.000%	0.930%	4.000%	1.050%	3.000%	1.000%	5.000%	0.920%
2031	4.000%	1.060%	3.000%	1.150%	3.000%	1.100%	4.000%	1.040%
2032	3.000%	1.210%	3.000%	1.250%	2.000%	1.400%	3.000%	1.200%
2033	2.000%	1.450%	3.000%	1.300%	2.000%	1.500%	2.000%	1.450%
2034	2.000%	1.540%	2.000%	1.500%	2.000%	1.550%	2.000%	1.500%
2035	2.000%	1.630%	2.000%	1.550%	2.000%	1.650%	2.000%	1.550%
2036	2.000%	1.720%	2.000%	1.600%	2.000%	1.710%	2.000%	1.630%
2037	2.000%	1.730%	2.000%	1.650%	2.000%	1.750%	2.000%	1.680%
2038	2.000%	1.770%	2.000%	1.700%	2.000%	1.810%	2.000%	1.720%
2039	2.000%	1.810%	2.000%	1.750%	2.000%	1.830%	2.000%	1.760%
2040	2.000%	1.850%	2.000%	1.800%	2.000%	1.870%	2.000%	1.800%
2041	2.000%	1.890%	2.000%	1.850%			2.000%	1.840%
	Callable April 15, 2030		Callable March 1, 2030		Callable Oct 1, 2029		Callable May 1, 2030	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 5

April 2021

MUNICIPALITY:	Bedford	Bellingham	Oak Bluffs
BANK QUALIFIED:	Yes	Yes	No
RATING:	AAA	AA+	AA+
AMOUNT:	\$2,595,000	\$6,665,000	\$14,615,000
SALE DATE:	4/28/2021	4/28/2021	4/28/2021
TERM:	15	15	20
TIC:	1.0321%	1.1195%	1.5767%
INSURANCE:	No	No	No
TERM BONDS:	No	No	Yes
TAXABLE:	No	No	No
BID:	115.6624	118.2556	110.8763
\$ PREMIUM:	\$ 406,439	\$ 1,216,736	\$ 1,589,571
	Reoffering	Reoffering	Reoffering
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>
	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2021	5.000%	0.090%	
2022	5.000%	0.100%	5.000%
2023	5.000%	0.110%	5.000%
2024	5.000%	0.200%	5.000%
2025	5.000%	0.320%	5.000%
2026	5.000%	0.420%	5.000%
2027	5.000%	0.560%	5.000%
2028	5.000%	0.690%	5.000%
2029	5.000%	0.810%	5.000%
2030	4.000%	0.940%	5.000%
2031	3.000%	1.180%	4.000%
2032	2.000%	1.510%	3.000%
2033	2.000%	1.570%	3.000%
2034	2.000%	1.620%	2.000%
2035	2.000%	1.670%	2.000%
2036			2.000%
2037			2.000%
2038			2.000%
2039			
2040			
2041			2.000%
	Callable Sept 15, 2029	Callable May 15, 2030	Callable May 1, 2029

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 6

April 2021

MUNICIPALITY:	Attleboro	Franklin	Rockport
BANK QUALIFIED:	No	Yes	Yes
RATING:	AA	AA+	AA+
AMOUNT:	\$12,415,000	\$4,360,000	\$3,870,000
SALE DATE:	4/29/2021	4/29/2021	4/29/2021
TERM:	20	20	16
TIC:	1.7190%	1.4310%	1.1647%
INSURANCE:	No	No	No
TERM BONDS:	Yes	Yes	Yes
TAXABLE:	No	No	No
BID:	109.9534	113.6549	113.8378

\$ PREMIUM:	\$ 1,235,715	\$ 595,354	\$ 535,523
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	Reoffering		Reoffering		Reoffering	
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2022	5.000%	0.150%	5.000%	0.120%	5.000%	0.250%
2023	5.000%	0.200%	5.000%	0.140%	5.000%	0.300%
2024	5.000%	0.320%	5.000%	0.300%	5.000%	0.350%
2025	5.000%	0.440%	5.000%	0.450%	5.000%	0.450%
2026	5.000%	0.550%	5.000%	0.600%	5.000%	0.600%
2027	5.000%	0.680%	5.000%	0.700%	3.000%	0.700%
2028	5.000%	0.810%	5.000%	0.850%	3.000%	0.850%
2029	5.000%	0.940%	5.000%	1.000%	5.000%	1.000%
2030	3.000%	1.190%	5.000%	1.100%	5.000%	1.100%
2031	3.000%	1.360%	2.000%	1.150%	2.000%	1.200%
2032	3.000%	1.500%				
2033	3.000%	1.560%				
2034	2.000%	1.800%			2.000%	1.500%
2035	2.000%	1.850%	2.000%	1.550%		
2036	2.000%	1.900%				
2037					2.000%	1.650%
2038	2.000%	2.000%	2.000%	1.750%		
2039						
2040						
2041	2.250%	2.250%	2.000%	1.900%		

	Callable May 1, 2029	Callable May 1, 2030	Callable April 1, 2030
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COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 7

April 2021

MUNICIPALITY:	Conn. Health and Educational Fac. Auth. Ser. R-1, CT		Conn. Health and Educational Fac. Auth. Ser. R-2, CT		Norwalk 2nd. Taxing District, CT	
BANK QUALIFIED:	No		No		No	
RATING:	Aa3 / AA		Aa3 / AA		Aa1	
AMOUNT:	\$14,640,000		\$85,110,000		\$9,250,000	
SALE DATE:	4/8/2021		4/8/2021		4/8/2021	
TERM:	12		12		8	
TIC:	1.7824%		2.0673%		0.5250%	
INSURANCE:	Yes		Yes		No	
TERM BONDS:	Yes		No		No	
TAXABLE:	No		Yes		No	
BID:	103.0498		99.3627		113.0302	
\$ PREMIUM:	\$ 446,491		\$ (542,406)		\$ 1,205,294	
		Reoffering		Reoffering		Reoffering
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2021					4.000%	0.100%
2022			0.350%	0.350%	4.000%	0.100%
2023			0.450%	0.450%	4.000%	0.170%
2024			0.720%	0.720%	4.000%	0.280%
2025			1.100%	1.100%	4.000%	0.400%
2026			1.400%	1.400%	4.000%	0.520%
2027			1.700%	1.700%	4.000%	0.660%
2028			1.850%	1.850%	4.000%	0.800%
2029			2.050%	2.050%		
2030			2.150%	2.200%		
2031			2.250%	2.300%		
2032	2.000%	1.500%	2.350%	2.400%		
2033	2.125%	1.600%	2.450%	2.500%		
	Callable Nov 1, 2031		Callable Nov 1, 2031		Non-callable	

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 8

April 2021

MUNICIPALITY:	Union, ME		Groton, CT - Series A		Groton, CT - Series B	
BANK QUALIFIED:	Yes		No		No	
RATING:	AA		AA+		AA+	
AMOUNT:	\$1,800,000		\$18,000,000		\$7,045,000	
SALE DATE:	4/14/2021		4/15/2021		4/15/2021	
TERM:	10		20		20	
TIC:	0.9954%		1.5742%		1.5790%	
INSURANCE:	No		No		No	
TERM BONDS:	No		No		No	
TAXABLE:	No		No		No	
BID:	102.4849		106.2826		109.9590	
\$ PREMIUM:	\$ 44,728		\$ 1,130,868		\$ 701,612	
		Reoffering		Reoffering		Reoffering
	Coupon	Yield	Coupon	Yield	Coupon	Yield
2021	1.000%	0.180%				
2022	1.000%	0.250%	4.000%	0.100%	5.000%	0.100%
2023	1.000%	0.300%	4.000%	0.100%	5.000%	0.110%
2024	1.000%	0.350%	4.000%	0.190%	5.000%	0.190%
2025	1.000%	0.500%	4.000%	0.320%	5.000%	0.300%
2026	1.000%	0.750%	4.000%	0.450%	5.000%	0.430%
2027	1.000%	0.850%	4.000%	0.610%	5.000%	0.560%
2028	2.000%	1.000%	4.000%	0.750%	5.000%	0.690%
2029	2.000%	1.100%	4.000%	0.880%	5.000%	0.820%
2030	2.000%	1.150%	1.100%	1.100%	3.000%	0.980%
2031			1.200%	1.200%	3.000%	1.070%
2032			1.250%	1.250%	2.000%	1.480%
2033			2.000%	1.450%	2.000%	1.530%
2034			2.000%	1.550%	2.000%	1.570%
2035			2.000%	1.700%	2.000%	1.610%
2036			2.000%	1.750%	2.000%	1.660%
2037			2.000%	1.770%	2.000%	1.710%
2038			2.000%	1.800%	2.000%	1.780%
2039			2.000%	1.850%	2.000%	1.850%
2040			2.000%	1.880%	2.000%	1.900%
2041			2.000%	1.900%	2.000%	1.950%
	Non-callable		Callable April 15, 2029		Callable April 15, 2029	

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 9

April 2021

MUNICIPALITY:	New Fairfield, CT		Stamford, CT		Westport, CT - Series A		Westport, CT - Series B	
BANK QUALIFIED:	No		No		No		No	
RATING:	AAA		AAA		Aaa		Aaa	
AMOUNT:	\$25,000,000		\$44,075,000		\$10,830,000		\$11,240,000	
SALE DATE:	4/20/2021		4/20/2021		4/21/2021		4/21/2021	
TERM:	20		13		20		12	
TIC:	1.6400%		0.9214%		1.6080%		0.5693%	
INSURANCE:	No		No		No		No	
TERM BONDS:	No		No		No		No	
TAXABLE:	No		No		No		No	
BID:	106.8809		112.5163		107.0733		114.0302	
\$ PREMIUM:	\$ 1,720,225		\$ 5,516,559		\$ 766,038		\$ 1,576,994	
		Reoffering		Reoffering		Reoffering		Reoffering
	Coupon	Yield	Coupon	Yield	Coupon	Yield	Coupon	Yield
2022	4.000%	0.080%	4.000%	0.060%	5.000%	0.070%	5.000%	0.060%
2023	4.000%	0.110%	4.000%	0.090%	5.000%	0.090%	5.000%	0.070%
2024	4.000%	0.160%	4.000%	0.130%	5.000%	0.160%	5.000%	0.130%
2025	4.000%	0.280%	4.000%	0.240%	5.000%	0.270%	5.000%	0.240%
2026	4.000%	0.410%	4.000%	0.330%	5.000%	0.380%	5.000%	0.350%
2027	4.000%	0.540%	4.000%	0.500%	5.000%	0.510%	5.000%	0.470%
2028	4.000%	0.680%	4.000%	0.630%	3.000%	0.700%	5.000%	0.620%
2029	3.000%	0.900%	4.000%	0.760%	2.000%	0.900%	5.000%	0.750%
2030	3.000%	1.000%	4.000%	0.870%	2.000%	1.050%	3.000%	0.900%
2031	2.000%	1.200%	2.000%	1.200%	2.000%	1.200%	3.000%	1.000%
2032	2.000%	1.300%	2.000%	1.310%	2.000%	1.280%	2.000%	1.300%
2033	2.000%	1.400%	2.000%	1.390%	2.000%	1.350%	2.000%	1.360%
2034	2.000%	1.450%	2.000%	1.440%	2.000%	1.450%		
2035	2.000%	1.550%			2.000%	1.520%		
2036	2.000%	1.650%			2.000%	1.600%		
2037	2.000%	1.750%			2.000%	1.700%		
2038	2.000%	1.830%			2.000%	1.780%		
2039	2.000%	1.900%			2.000%	1.850%		
2040	2.000%	1.950%			2.000%	1.900%		
2041	2.000%	2.000%			2.000%	1.950%		
	Callable May 1, 2027		Callable Aug 15, 2029		Callable May 1, 2027		Callable Feb 1, 2029	