

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 1

August 2021

MUNICIPALITY:	Groton		Charlton		Northbridge		Hull		Manchester-Essex RSD	
BANK QUALIFIED:	No		Yes		Yes		Yes		Yes	
RATING:	AAA		AA+		AA+		AA		AA+	
AMOUNT:	\$7,330,000		\$1,945,000		\$7,150,000		\$3,415,000		\$3,230,000	
SALE DATE:	8/3/2021		8/4/2021		8/9/2021		8/10/2021		8/10/2021	
TERM:	20		20		30		20		20	
TIC:	1.6703%		1.7378%		1.9910%		1.5476%		1.6288%	
INSURANCE:	No		No		No		No		No	
TERM BONDS:	Yes		no		Yes		No		Yes	
TAXABLE:	No		No		No		No		No	
BID:	110.1414		109.8908		105.7246		113.5312		110.1559	
\$ PREMIUM:	\$ 743,365		\$ 192,376		\$ 409,309		\$ 462,090		\$ 328,036	
	Reoffering		Reoffering		Reoffering		Reoffering		Reoffering	
	Coupon	Yield	Coupon	Yield	Coupon	Yield	Coupon	Yield	Coupon	Yield
2022	5.000%	0.070%	5.000%	0.080%	5.000%	0.100%	5.000%	0.110%	5.000%	0.130%
2023	5.000%	0.080%	5.000%	0.090%	5.000%	0.120%	5.000%	0.110%	5.000%	0.140%
2024	5.000%	0.130%	5.000%	0.160%	5.000%	0.160%	5.000%	0.170%	5.000%	0.190%
2025	5.000%	0.220%	5.000%	0.260%	5.000%	0.250%	5.000%	0.280%	5.000%	0.290%
2026	5.000%	0.360%	5.000%	0.390%	4.000%	0.400%	5.000%	0.420%	5.000%	0.430%
2027	5.000%	0.460%	5.000%	0.500%	4.000%	0.530%	5.000%	0.550%	5.000%	0.550%
2028	5.000%	0.570%	5.000%	0.610%	5.000%	0.630%	5.000%	0.670%	2.000%	0.670%
2029	2.000%	0.660%	5.000%	0.700%	5.000%	0.730%	5.000%	0.770%	5.000%	0.770%
2030	4.000%	0.800%	4.000%	0.850%	3.000%	0.900%	5.000%	0.860%	5.000%	0.860%
2031	4.000%	0.900%	4.000%	0.920%	3.000%	1.000%	4.000%	1.020%	5.000%	0.930%
2032	3.000%	1.100%	3.000%	1.130%	2.000%	1.300%	3.000%	1.150%		
2033	3.000%	1.210%	3.000%	1.230%			3.000%	1.220%		
2034	3.000%	1.300%	2.000%	1.700%			3.000%	1.300%	2.000%	1.450%
2035	2.000%	1.500%	2.000%	1.750%	2.000%	1.500%	2.000%	1.750%		
2036	2.000%	1.600%	2.000%	1.800%			2.000%	1.820%		
2037	2.000%	1.700%	2.000%	1.870%	2.000%	1.700%	2.000%	1.890%	2.000%	1.750%
2038	2.000%	1.800%	2.000%	1.940%			2.000%	1.950%		
2039			2.000%	2.000%	2.000%	1.850%	2.000%	2.030%		
2040	2.000%	2.000%	2.000%	2.050%			2.000%	2.100%		
2041	2.000%	2.050%	2.000%	2.100%	2.000%	2.000%	2.125%	2.150%	2.000%	2.050%
2042										
2043										
2044										
2045										
2046					2.125%	2.250%				
2047										
2048										
2049										
2050										
2051					2.500%	2.050%				
	Callable Aug 15, 2029		Callable Aug 15, 2029		Callable June 1, 2029		Callable Aug. 1, 2030		Callable Aug. 1, 2030	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 2

August 2021

MUNICIPALITY:	Weymouth	Westford	Southwestern RVTSD	Princeton				
BANK QUALIFIED:	No	Yes	Yes	Yes				
RATING:	AA	AAA	AA	Aa3				
AMOUNT:	\$3,640,000	\$3,525,000	\$3,660,000	\$1,905,000				
SALE DATE:	8/10/2021	8/11/2021	8/12/2021	8/18/2021				
TERM:	20	20	15	10				
TIC:	1.7335%	1.6481%	1.4727%	0.7657%				
INSURANCE:	No	No	No	No				
TERM BONDS:	No	Yes	No	No				
TAXABLE:	No	No	No	No				
BID:	110.4737	108.4032	112.9135	113.1159				
\$ PREMIUM:	\$ 381,243	\$ 296,213	\$ 472,634	\$ 249,858				
	Reoffering	Reoffering	Reoffering	Reoffering				
	Coupon	Yield	Coupon	Yield				
	Coupon	Yield	Coupon	Yield				
2022	5.000%	0.110%	4.000%	0.100%	5.000%	0.200%	4.000%	0.140%
2023	5.000%	0.110%	4.000%	0.120%	5.000%	0.250%	3.000%	0.160%
2024	5.000%	0.160%	4.000%	0.170%	5.000%	0.350%	3.000%	0.220%
2025	5.000%	0.270%	4.000%	0.280%	5.000%	0.450%	2.000%	0.330%
2026	5.000%	0.420%	3.000%	0.420%	5.000%	0.650%	2.000%	0.480%
2027	5.000%	0.540%	3.000%	0.540%	5.000%	0.800%	4.000%	0.590%
2028	5.000%	0.660%	4.000%	0.660%	5.000%	0.900%	4.000%	0.710%
2029	5.000%	0.760%	4.000%	0.760%	5.000%	1.000%	2.000%	0.810%
2030	5.000%	0.850%	4.000%	0.850%	5.000%	1.100%	4.000%	0.900%
2031	4.000%	0.980%	4.000%	0.930%	3.000%	1.250%	4.000%	0.970%
2032	3.000%	1.130%	3.000%	1.080%	2.000%	1.400%		
2033	3.000%	1.190%			2.000%	1.500%		
2034	3.000%	1.270%	2.000%	1.400%	2.000%	1.550%		
2035	2.000%	1.750%			2.000%	1.600%		
2036	2.000%	1.820%	2.000%	1.600%	2.000%	1.650%		
2037	2.000%	1.890%						
2038	2.000%	1.950%						
2039	2.000%	2.000%	2.000%	1.850%				
2040	2.000%	2.050%						
2041	2.000%	2.100%	2.000%	2.000%				
	Callable Aug. 15, 2030	Callable Aug. 15, 2029	Callable Sept. 1, 2030	Non-callable				

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 3

August 2021

MUNICIPALITY:	Uxbridge	Hudson	Gloucester	Seekonk				
BANK QUALIFIED:	Yes	Yes	No	No				
RATING:	AA	AA	AA	AA+				
AMOUNT:	\$1,680,000	\$7,830,000	\$25,700,000	\$11,665,000				
SALE DATE:	8/18/2021	8/18/2021	8/25/2021	8/25/2021				
TERM:	10	20	25	20				
TIC:	0.7896%	1.2565%	1.9565%	1.6398%				
INSURANCE:	No	No	No	No				
TERM BONDS:	No	Yes	Yes	No				
TAXABLE:	No	No	No	No				
BID:	123.1211	112.5497	108.1468	111.2659				
\$ PREMIUM:	\$ 388,434	\$ 982,642	\$ 2,093,728	\$ 1,314,167				
	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%	0.120%	5.000%	0.100%	5.000%	0.090%
2023	5.000%	0.140%	5.000%	0.130%	5.000%	0.140%	5.000%	0.120%
2024	5.000%	0.210%	5.000%	0.230%	5.000%	0.200%	5.000%	0.180%
2025	5.000%	0.320%	5.000%	0.330%	5.000%	0.320%	5.000%	0.310%
2026	5.000%	0.460%	5.000%	0.430%	5.000%	0.450%	5.000%	0.430%
2027	2.000%	0.590%	5.000%	0.540%	5.000%	0.570%	5.000%	0.550%
2028	5.000%	0.700%	5.000%	0.660%	5.000%	0.720%	5.000%	0.670%
2029	5.000%	0.800%	5.000%	0.760%	5.000%	0.820%	5.000%	0.780%
2030	5.000%	0.890%	2.000%	1.000%	5.000%	0.930%	5.000%	0.920%
2031	5.000%	0.960%	2.000%	1.050%	4.000%	1.030%	3.000%	1.140%
2032			2.000%	1.150%	3.000%	1.290%	3.000%	1.250%
2033			2.000%	1.250%	3.000%	1.390%	3.000%	1.360%
2034			2.000%	1.350%	3.000%	1.470%	2.000%	1.700%
2035					2.000%	1.950%	2.000%	1.790%
2036			2.000%	1.600%	2.000%	2.000%	2.000%	1.870%
2037					2.000%	2.030%	2.000%	1.910%
2038			2.000%	1.800%	2.000%	2.070%	2.000%	1.970%
2039					2.000%	2.110%	2.000%	2.030%
2040					2.000%	2.160%	2.000%	2.110%
2041			2.000%	2.000%	2.000%	2.190%	2.000%	2.160%
2042					2.125%	2.220%		
2043					2.125%	2.290%		
2044								
2045					2.250%	2.387%		
2046					2.250%	2.410%		
	Non-callable		Callable June 1, 2029		Callable Sept. 15, 2030		Callable Sept. 1, 2029	

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 4

August 2021

MUNICIPALITY:	Bloomfield, CT	Wallingford, CT Series A	Wallingford, CT Series B
BANK QUALIFIED:	Yes	Yes	Yes
RATING:	AA+	Aa1	Aa1
AMOUNT:	\$3,055,000	\$6,780,000	\$1,340,000
SALE DATE:	8/3/2021	8/11/2021	8/11/2021
TERM:	14	20	10
TIC:	1.1741%	1.5988%	0.8260%
INSURANCE:	No	No	No
TERM BONDS:	No	No	No
TAXABLE:	No	No	No
BID:	118.5303	107.4956	121.4325
\$ PREMIUM:	\$ 566,101	\$ 508,202	\$ 287,196
	Coupon	Reoffering Yield	Coupon
			Reoffering Yield
2021	5.000%	0.100%	
2022	5.000%	0.110%	4.000% 0.120%
2023	5.000%	0.130%	4.000% 0.150%
2024	5.000%	0.200%	4.000% 0.200%
2025	5.000%	0.300%	4.000% 0.280%
2026	5.000%	0.430%	4.000% 0.400%
2027	5.000%	0.540%	4.000% 0.520%
2028	5.000%	0.650%	4.000% 0.650%
2029	5.000%	0.740%	4.000% 0.750%
2030	5.000%	0.850%	3.000% 0.900%
2031	4.000%	0.900%	2.000% 1.150%
2032	3.000%	1.000%	2.000% 1.250%
2033	3.000%	1.050%	2.000% 1.350%
2034	3.000%	1.100%	2.000% 1.400%
2035			2.000% 1.500%
2036			2.000% 1.600%
2037			2.000% 1.700%
2038			2.000% 1.800%
2039			2.000% 1.900%
2040			2.000% 1.950%
2041			2.000% 2.000%
	Callable Oct 15, 2029	Callable Aug. 15, 2028	Non-callable

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 5

August 2021

MUNICIPALITY:	Sacrborough, ME	Trumbull, CT	Litchfield			
BANK QUALIFIED:	Yes	No	No			
RATING:	AA+	AA+	AA+			
AMOUNT:	\$3,725,000	\$12,525,000	\$2,020,000			
SALE DATE:	8/17/2021	8/18/2021	8/26/2021			
TERM:	20	20	15			
TIC:	1.0187%	1.6365%	1.5367%			
INSURANCE:	No	No	No			
TERM BONDS:	Yes	No	No			
TAXABLE:	No	No	No			
BID:	117.8955	107.2563	106.9189			
\$ PREMIUM:	\$ 666,607	\$ 908,852	\$ 139,762			
	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield
2021						
2022	5.000%	0.080%	4.000%	0.100%	4.000%	0.120%
2023	5.000%	0.100%	4.000%	0.120%	4.000%	0.150%
2024	5.000%	0.170%	4.000%	0.160%	4.000%	0.200%
2025	5.000%	0.280%	4.000%	0.270%	4.000%	0.330%
2026	2.000%	0.420%	4.000%	0.420%	4.000%	0.460%
2027	5.000%	0.550%	4.000%	0.540%	4.000%	0.580%
2028	5.000%	0.670%	4.000%	0.660%	3.000%	0.740%
2029	5.000%	0.770%	4.000%	0.770%	3.000%	0.860%
2030	5.000%	0.860%	3.000%	0.950%	2.000%	1.220%
2031	4.000%	0.930%	2.000%	1.300%	2.000%	1.300%
2032			2.000%	1.400%	2.000%	1.400%
2033			2.000%	1.500%	2.000%	1.500%
2034			2.000%	1.600%	2.000%	1.600%
2035			2.000%	1.700%	2.000%	1.700%
2036			2.000%	1.800%	2.000%	1.800%
2037			2.000%	1.900%		
2038			2.000%	2.000%		
2039			2.000%	2.040%		
2040			2.000%	2.080%		
2041	2.000%	2.100%	2.000%	2.100%		
	Callable Nov. 1, 2031		Callable Sept. 15, 2028		Callable Aug. 1, 2027	