

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 1

June 2021

MUNICIPALITY:	Northampton	Weymouth	Brockton	Cohasset	Norwood					
BANK QUALIFIED:	Yes	No	No	Yes	No					
RATING:	AAA	AA	AA	AAA	AA+					
AMOUNT:	\$6,395,000	\$49,515,000	\$6,800,000	\$1,880,000	\$4,685,000					
SALE DATE:	6/2/2021	6/2/2021	6/3/2021	6/3/2021	6/3/2021					
TERM:	10	30	15	5	20					
TIC:	0.7308%	2.2316%	1.1198%	0.3315%	1.3481%					
INSURANCE:	No	No	No	No	No					
TERM BONDS:	No	Yes	No	No	Yes					
TAXABLE:	No	No	No	No	No					
BID:	121.8972	104.034	114.9145	107.4621	114.9092					
\$ PREMIUM:	\$ 1,400,326	\$ 1,997,435	\$ 1,014,186	\$ 140,287	\$ 698,496					
	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>
2021			5.000%	0.070%	5.000%	0.100%	4.000%	0.100%		
2022	5.000%	0.100%	5.000%	0.100%	5.000%	0.130%	4.000%	0.100%	5.000%	0.100%
2023	5.000%	0.130%	5.000%	0.170%	5.000%	0.170%	4.000%	0.120%	5.000%	0.130%
2024	5.000%	0.220%	5.000%	0.290%	5.000%	0.290%	4.000%	0.240%	5.000%	0.250%
2025	5.000%	0.370%	5.000%	0.440%	5.000%	0.440%	4.000%	0.380%	5.000%	0.400%
2026	5.000%	0.500%	5.000%	0.570%	5.000%	0.560%			5.000%	0.540%
2027	5.000%	0.640%	5.000%	0.720%	5.000%	0.710%			5.000%	0.680%
2028	5.000%	0.760%	5.000%	0.840%	5.000%	0.820%			4.000%	0.780%
2029	5.000%	0.880%	5.000%	0.960%	5.000%	0.930%			4.000%	0.880%
2030	5.000%	0.990%	5.000%	1.050%	3.000%	1.150%			4.000%	1.000%
2031	5.000%	1.040%	5.000%	1.110%	2.000%	1.400%			4.000%	1.050%
2032			3.000%	1.320%	2.000%	1.500%			3.000%	1.220%
2033			3.000%	1.390%	2.000%	1.600%			3.000%	1.300%
2034			3.000%	1.440%	2.000%	1.720%			3.000%	1.350%
2035			3.000%	1.480%	2.000%	1.820%			3.000%	1.400%
2036			3.000%	1.550%					3.000%	1.440%
2037			3.000%	1.600%						
2038			3.000%	1.650%						
2039			2.000%	2.000%						
2040			2.000%	2.039%						
2041			2.000%	2.084%					2.000%	2.100%
2042										
2043										
2044										
2045			2.000%	2.214%						
2046										
2047										
2048										
2049										
2050			2.250%	2.297%						
	Non-callable	Callable Sept 15, 2029	Callable Sept 1, 2029	Non-callable	Callable June 15, 2030					

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 2

June 2021

MUNICIPALITY:	Westhampton	Chicopee	Lawrence	Ashland	Burlington					
BANK QUALIFIED:	Yes	No	No	No	No					
RATING:	AA+	AA-	AA	AAA	AAA					
AMOUNT:	\$4,120,000	\$10,230,000	\$5,545,000	\$26,165,000	\$20,585,000					
SALE DATE:	6/7/2021	6/8/2021	6/8/2021	6/9/2021	6/9/2021					
TERM:	20	29	20	30	30					
TIC:	1.6787%	1.7295%	1.5954%	2.0360%	1.8893%					
INSURANCE:	No	No	No	No	No					
TERM BONDS:	Yes	Yes	Yes	Yes	Yes					
TAXABLE:	No	No	No	No	No					
BID:	104.7234	112.9345	112.1252	105.0612	107.8275					
\$ PREMIUM:	\$ 194,604	\$ 1,323,199	\$ 672,342	\$ 1,324,263	\$ 1,611,291					
	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield
2022	3.000%	0.170%	5.000%	0.150%	5.000%	0.100%	5.000%	0.100%	5.000%	0.100%
2023	3.000%	0.200%	5.000%	0.200%	5.000%	0.150%	5.000%	0.150%	5.000%	0.100%
2024	3.000%	0.310%	5.000%	0.250%	5.000%	0.230%	5.000%	0.200%	5.000%	0.170%
2025	3.000%	0.440%	5.000%	0.400%	5.000%	0.380%	5.000%	0.320%	5.000%	0.280%
2026	3.000%	0.540%	5.000%	0.530%	5.000%	0.510%	5.000%	0.420%	5.000%	0.380%
2027	3.000%	0.670%	5.000%	0.680%	5.000%	0.660%	5.000%	0.550%	5.000%	0.490%
2028	3.000%	0.800%	5.000%	0.800%	5.000%	0.870%	5.000%	0.670%	5.000%	0.630%
2029	3.000%	0.900%	5.000%	0.900%	5.000%	0.880%	5.000%	0.770%	5.000%	0.750%
2030			5.000%	1.000%	5.000%	1.000%	5.000%	0.900%	5.000%	0.850%
2031	2.000%	1.200%	5.000%	1.100%	3.000%	1.100%	3.000%	1.000%	4.000%	0.960%
2032			3.000%	1.250%	3.000%	1.250%	3.000%	1.100%	3.000%	1.080%
2033	2.000%	1.400%	3.000%	1.300%	3.000%	1.300%	3.000%	1.200%	3.000%	1.160%
2034			2.000%	1.500%	2.000%	1.500%	2.000%	1.400%	2.000%	1.500%
2035	2.000%	1.550%	2.000%	1.600%			2.000%	1.600%	2.000%	1.620%
2036			2.000%	1.700%	2.000%	1.700%	2.000%	1.700%	2.000%	1.680%
2037	2.000%	1.700%					2.000%	1.800%	2.000%	1.750%
2038			2.000%	2.000%	2.000%	2.000%	2.000%	1.850%	2.000%	1.850%
2039	2.000%	1.850%	2.000%	2.050%	2.000%	2.050%	2.000%	1.900%	2.000%	1.900%
2040			2.000%	2.100%	2.000%	2.100%			2.000%	2.000%
2041	2.000%	2.000%	2.125%	2.150%	2.125%	2.150%	2.000%	2.000%	2.000%	2.030%
2042									2.000%	2.070%
2043									2.000%	2.100%
2044									2.000%	2.130%
2045									2.125%	2.170%
2046			2.250%	2.300%			2.125%	2.150%		
2047									2.125%	2.220%
2048										
2049									2.125%	2.250%
2050			2.250%	2.350%						
2051							2.250%	2.250%	2.250%	2.300%
	Callable June 15, 2029		Callable June 1, 2030		Callable June 1, 2030		Callable May 15, 2029		Callable Jan 15, 2030	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 3

June 2021

MUNICIPALITY:	Maynard		Winchester		South Hadley		Longmeadow	
BANK QUALIFIED:	No		No		No		Yes	
RATING:	Aa3		Aaa		Aa2		AA+	
AMOUNT:	\$18,865,000		\$8,965,000		\$11,700,000		\$2,105,000	
SALE DATE:	6/9/2021		6/9/2021		6/16/2021		6/17/2021	
TERM:	30		20		28		10	
TIC:	1.9963%		1.4134%		1.9746%		0.9294%	
INSURANCE:	No		No		No		No	
TERM BONDS:	No		Yes		Yes		No	
TAXABLE:	No		No		No		No	
BID:	107.3794		115.4746		107.2333		117.7025	
\$ PREMIUM:	\$	1,392,124	\$	1,387,298	\$	846,296	\$	372,638
	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>
2021	5.000%	0.150%						
2022	5.000%	0.200%	5.000%	0.100%			5.000%	0.140%
2023	5.000%	0.250%	5.000%	0.150%	5.000%	0.120%	5.000%	0.160%
2024	5.000%	0.370%	5.000%	0.200%	5.000%	0.180%	5.000%	0.250%
2025	5.000%	0.510%	5.000%	0.330%	5.000%	0.300%	5.000%	0.400%
2026	5.000%	0.630%	5.000%	0.430%	5.000%	0.440%	5.000%	0.550%
2027	5.000%	0.790%	5.000%	0.560%	5.000%	0.550%	5.000%	0.660%
2028	5.000%	0.920%	5.000%	0.670%	5.000%	0.700%	5.000%	0.780%
2029	5.000%	1.050%	5.000%	0.780%	5.000%	0.820%	5.000%	0.900%
2030	4.000%	1.100%	5.000%	0.900%	4.000%	0.950%	3.000%	1.080%
2031	4.000%	1.170%	5.000%	0.950%	4.000%	1.060%	3.000%	1.170%
2032	3.000%	1.330%	3.000%	1.100%	2.000%	1.550%		
2033	3.000%	1.380%	3.000%	1.200%	2.000%	1.620%		
2034	2.000%	1.780%	2.000%	1.400%	2.000%	1.700%		
2035	2.000%	1.860%	2.000%	1.600%	2.000%	1.800%		
2036	2.000%	1.940%	2.000%	1.700%	2.000%	1.850%		
2037	2.000%	1.970%	2.000%	1.800%	2.000%	1.900%		
2038	2.000%	2.000%	2.000%	1.850%	2.000%	1.950%		
2039	2.000%	2.030%	2.000%	1.900%	2.000%	2.000%		
2040	2.000%	2.090%			2.000%	2.050%		
2041	2.000%	2.120%	2.000%	2.000%	2.000%	2.100%		
2042	2.000%	2.160%						
2043	2.125%	2.190%			2.125%	2.190%		
2044	2.125%	2.220%						
2045	2.125%	2.250%			2.250%	2.250%		
2046	2.125%	2.260%						
2047	2.125%	2.300%						
2048	2.250%	2.310%						
2049	2.250%	2.320%						
2050	2.250%	2.330%			2.250%	2.347%		
2051								
	Callable Sept 15, 2029		Callable June 15, 2030		Callable January 15, 2028		Callable May 15, 2029	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 4

June 2021

MUNICIPALITY:	Quincy		Peabody		Woburn		Falmouth		Lynnfield Center Water District	
BANK QUALIFIED:	No		No		No		No		Yes	
RATING:	AA		Aa3		AAA		AAA		AA	
AMOUNT:	\$26,980,000		\$8,675,000		\$30,950,000		\$10,340,000		\$3,220,000	
SALE DATE:	6/23/2021		6/24/2021		6/29/2021		6/30/2021		6/30/2021	
TERM:	30		20		20		10		20	
TIC:	1.7193%		1.1816%		1.6733%		0.7285%		1.6733%	
INSURANCE:	No		No		No		No		No	
TERM BONDS:	Yes		Yes		No		No		Yes	
TAXABLE:	No		No		No		No		No	
BID:	114.8568		116.1993		114.6513		120.1201		108.9586	
\$ PREMIUM:	\$	4,008,365	\$	1,405,289	\$	4,534,577	\$	2,080,418	\$	288,467
	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield	Coupon	Reoffering Yield
2022	5.000%	0.180%	5.000%	0.200%	5.000%	0.150%	5.000%	0.130%	5.000%	0.250%
2023	5.000%	0.200%	5.000%	0.250%	5.000%	0.200%	5.000%	0.200%	5.000%	0.300%
2024	5.000%	0.290%	5.000%	0.360%	5.000%	0.290%	5.000%	0.290%	5.000%	0.380%
2025	5.000%	0.430%	5.000%	0.500%	5.000%	0.420%	5.000%	0.400%	5.000%	0.510%
2026	5.000%	0.570%	5.000%	0.620%	5.000%	0.540%	5.000%	0.520%	2.000%	0.650%
2027	5.000%	0.670%	5.000%	0.750%	5.000%	0.650%	5.000%	0.650%	5.000%	0.770%
2028	5.000%	0.760%	5.000%	0.850%	5.000%	0.750%	5.000%	0.740%	5.000%	0.880%
2029	5.000%	0.890%	5.000%	0.980%	5.000%	0.880%	4.000%	0.850%	2.000%	1.000%
2030	5.000%	1.000%	5.000%	1.100%	5.000%	0.980%	4.000%	0.940%	5.000%	1.100%
2031	4.000%	1.130%	4.000%	1.200%	5.000%	1.060%	4.000%	1.020%	5.000%	1.200%
2032	4.000%	1.210%	4.000%	1.290%	3.000%	1.220%				
2033	3.000%	1.420%	3.000%	1.510%	3.000%	1.330%				
2034	3.000%	1.480%	3.000%	1.590%	3.000%	1.380%			2.000%	1.550%
2035	2.000%	1.930%	2.000%	2.050%	2.000%	1.910%				
2036	2.000%	2.000%			2.000%	2.000%				
2037	2.000%	2.030%			3.000%	1.670%			2.000%	1.800%
2038	2.000%	2.060%	2.000%	2.150%	3.000%	1.700%				
2039	2.000%	2.090%			2.125%	2.170%				
2040	2.000%	2.120%			2.125%	2.210%				
2041	2.000%	2.150%	2.125%	2.250%	2.125%	2.240%			2.125%	2.125%
2042	2.125%	2.180%								
2043	2.125%	2.220%								
2044	2.125%	2.250%								
2045	2.250%	2.300%								
2046										
2047										
2048	2.250%	2.350%								
2049										
2050										
2051	2.375%	2.430%								
	Callable July 1, 2030		Callable Sept. 15, 2030		Callable July 15, 2030		Non-callable		Callable July 15, 2030	

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 5

June 2021

MUNICIPALITY:	Wilton, CT	Windsor, CT	Fairfield, CT	East Granby	Griswold					
BANK QUALIFIED:	No	No	No	Yes	Yes					
RATING:	Aaa	AAA	Aaa	Aa2	AA					
AMOUNT:	\$7,345,000	\$21,270,000	\$28,395,000	\$9,900,000	\$8,110,000					
SALE DATE:	6/2/2021	6/10/2021	6/23/2021	6/29/2021	6/29/2021					
TERM:	12	15	20	20	20					
TIC:	0.9013%	1.3959%	1.8047%	1.5517%	1.7446%					
INSURANCE:	No	No	No	No	No					
TERM BONDS:	No	No	No	No	No					
TAXABLE:	No	No	No	No	No					
BID:	113.1694	108.5083	NA	114.5982	106.6813					
\$ PREMIUM:	\$ 967,292	\$ 1,809,715	NA	\$ 1,445,222	\$ 541,853					
	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>	<u>Coupon</u>	<u>Reoffering Yield</u>
2021	5.000%	0.090%								
2022	5.000%	0.100%	5.000%	0.090%	5.000%	0.150%	5.000%	0.170%	4.000%	0.170%
2023	5.000%	0.150%	5.000%	0.110%	5.000%	0.200%	5.000%	0.220%	4.000%	0.220%
2024	5.000%	0.260%	5.000%	0.190%	5.000%	0.250%	5.000%	0.300%	4.000%	0.300%
2025	5.000%	0.400%	5.000%	0.300%	5.000%	0.380%	5.000%	0.450%	4.000%	0.450%
2026	5.000%	0.520%	5.000%	0.420%	5.000%	0.540%	5.000%	0.600%	4.000%	0.600%
2027	5.000%	0.670%	5.000%	0.530%	5.000%	0.640%	5.000%	0.720%	4.000%	0.720%
2028	5.000%	0.790%	2.000%	0.820%	4.000%	0.790%	5.000%	0.830%	4.000%	0.830%
2029	5.000%	0.910%	2.000%	0.980%	3.000%	1.000%	5.000%	0.950%	4.000%	0.950%
2030	3.000%	1.050%	2.000%	1.190%	3.000%	1.200%	5.000%	1.050%	4.000%	1.050%
2031	3.000%	1.150%	2.000%	1.290%	3.000%	1.280%	5.000%	1.150%	3.000%	1.100%
2032	3.000%	1.240%	2.000%	1.370%	3.000%	1.370%	5.000%	1.250%	2.000%	1.250%
2033			2.000%	1.450%	3.000%	1.400%	2.000%	1.350%	2.000%	1.350%
2034			2.000%	1.530%	2.000%	1.700%	2.000%	1.450%	2.000%	1.450%
2035			2.000%	1.610%	2.000%	1.750%	2.000%	1.550%	2.000%	1.550%
2036			2.000%	1.740%	2.000%	1.800%	2.000%	1.650%	2.000%	1.650%
2037					2.000%	1.900%	2.000%	1.750%	2.000%	1.750%
2038					2.000%	1.950%	2.000%	1.850%	2.000%	1.850%
2039					2.000%	2.000%	2.000%	1.900%	2.000%	1.900%
2040					2.000%	2.050%	2.000%	1.950%	2.000%	1.950%
2041					2.000%	2.100%	2.000%	2.000%	2.000%	2.000%
	Callable Sept 15, 2029		Callable June 15, 2027		Callable July 1, 2027		Callable July 15, 2032		Callable July 15, 2029	