

**COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 1**

**July 2022**

<b>MUNICIPALITY:</b>	Marshfield		Andover		Sandwich		Framingham	
<b>BANK QUALIFIED:</b>	Yes		No		No		No	
<b>RATING:</b>	AA+		AAA		AA+		Aa2	
<b>AMOUNT:</b>	\$6,345,000		\$47,555,000		\$14,190,000		\$27,425,000	
<b>SALE DATE:</b>	7/7/2022		7/12/2022		7/12/2022		7/13/2022	
<b>TERM:</b>	20		30		20		20	
<b>TIC:</b>	3.0465%		3.7526%		3.2659%		3.2015%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	No		Yes		No		No	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	110.9665		106.8012		113.4036		113.6439	
<b>\$ PREMIUM:</b>	\$	695,824	\$	3,234,311	\$	1,901,971	\$	3,741,840
	<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>	
	<b>Coupon</b>	<b>Yield</b>	<b>Coupon</b>	<b>Yield</b>	<b>Coupon</b>	<b>Yield</b>	<b>Coupon</b>	<b>Yield</b>
2023	5.000%	1.530%	5.000%	1.470%	5.000%	1.500%	5.000%	1.550%
2024	5.000%	1.850%	5.000%	1.790%	5.000%	1.800%	5.000%	1.820%
2025	5.000%	1.970%	5.000%	1.910%	5.000%	1.900%	5.000%	1.900%
2026	5.000%	2.040%	5.000%	1.970%	5.000%	2.000%	5.000%	1.970%
2027	5.000%	2.090%	5.000%	2.000%	5.000%	2.030%	5.000%	2.040%
2028	5.000%	2.230%	5.000%	2.150%	5.000%	2.220%	5.000%	2.170%
2029	5.000%	2.360%	5.000%	2.260%	5.000%	2.370%	5.000%	2.290%
2030	5.000%	2.420%	5.000%	2.330%	5.000%	2.380%	5.000%	2.360%
2031	5.000%	2.500%	5.000%	2.410%	5.000%	2.500%	5.000%	2.450%
2032	5.000%	2.600%	5.000%	2.500%	5.000%	2.550%	5.000%	2.500%
2033	5.000%	2.700%	5.000%	2.630%	5.000%	2.650%	5.000%	2.700%
2034	5.000%	2.800%	5.000%	2.700%	5.000%	2.750%	5.000%	2.800%
2035	5.000%	2.900%	5.000%	2.750%	5.000%	2.820%	5.000%	2.890%
2036	4.000%	3.250%	5.000%	2.780%	5.000%	2.840%	5.000%	2.960%
2037	4.000%	3.400%	5.000%	2.800%	5.000%	2.910%	5.000%	3.030%
2038	4.000%	3.450%	5.000%	2.850%	5.000%	2.930%	5.000%	3.080%
2039	4.000%	3.550%	5.000%	2.900%	5.000%	2.960%	5.000%	3.130%
2040	4.000%	3.650%	5.000%	2.950%	5.000%	3.000%	5.000%	3.200%
2041	4.000%	3.750%	4.000%	3.650%	4.000%	3.750%	5.000%	3.260%
2042	4.000%	3.800%	4.000%	3.750%	4.000%	3.770%	5.000%	3.290%
2043								
2044								
2045								
2046								
2047								
2048								
2049								
2050								
2051								
2052			4.000%	4.000%				
	Callable June 15, 2031		Callable July 15, 2031		Callable August 1, 2031		Callable August 1, 2031	

**COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 2**

**July 2022**

<b>MUNICIPALITY:</b>	Nantucket, Series A		Nantucket, Series B		Westwood		Grafton Water District	
<b>BANK QUALIFIED:</b>	No		No		No		Yes	
<b>RATING:</b>	Aaa		Aaa		AAA		AA	
<b>AMOUNT:</b>	\$33,740,000		\$4,370,000		\$56,575,000		\$1,400,000	
<b>SALE DATE:</b>	7/14/2022		7/14/2022		7/14/2022		7/18/2022	
<b>TERM:</b>	20		15		30		15	
<b>TIC:</b>	3.0253%		3.9787%		3.7771%		3.2055%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	No		Yes		Yes		Yes	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	111.6972		101.4288		106.6411		109.9234	
<b>\$ PREMIUM:</b>	\$	3,946,635	\$	62,439	\$	3,757,202	\$	138,928
	<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>
2023	5.000%	1.430%	4.000%	3.300%	5.000%	1.500%	5.000%	1.500%
2024	5.000%	1.710%	4.000%	3.400%	5.000%	1.710%	5.000%	1.820%
2025	5.000%	1.820%	4.000%	3.450%	5.000%	1.810%	5.000%	1.950%
2026	5.000%	1.930%	4.000%	3.500%	5.000%	1.910%	5.000%	2.100%
2027	5.000%	1.990%	4.250%	3.550%	5.000%	1.980%	5.000%	2.200%
2028	5.000%	2.150%	4.500%	3.600%	5.000%	2.120%	5.000%	2.350%
2029	5.000%	2.250%	4.500%	3.650%	5.000%	2.230%	5.000%	2.450%
2030	5.000%	2.310%	4.500%	3.700%	5.000%	2.290%	5.000%	2.550%
2031	5.000%	2.390%	4.500%	3.800%	5.000%	2.380%	5.000%	2.650%
2032	5.000%	2.450%			5.000%	2.450%	5.000%	2.750%
2033	5.000%	2.570%			5.000%	2.570%	5.000%	2.870%
2034	5.000%	2.650%	4.000%	4.000%	5.000%	2.650%	5.000%	3.000%
2035	5.000%	2.720%			5.000%	2.720%		
2036	5.000%	2.780%			5.000%	2.770%		
2037	5.000%	2.830%	4.200%	4.200%	5.000%	2.810%	4.000%	3.600%
2038	4.000%	3.350%			5.000%	2.850%		
2039	4.000%	3.400%			5.000%	2.910%		
2040	4.000%	3.500%			5.000%	2.970%		
2041	4.000%	3.550%			4.000%	3.700%		
2042	4.000%	3.600%			4.000%	3.750%		
2043					4.000%	3.800%		
2044								
2045								
2046								
2047					4.000%	3.900%		
2048								
2049								
2050								
2051								
2052					4.000%	4.000%		
	Callable August 15, 2031		Callable August 15, 2031		Callable August 15, 2031		Callable August 1, 2030	

**COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 3**

**July 2022**

<b>MUNICIPALITY:</b>	Ayer Shirley RSD		Mashpee Water District		Westport		Lowell	
<b>BANK QUALIFIED:</b>	Yes		Yes		No		No	
<b>RATING:</b>	Aa2		AA		Aa3		AA	
<b>AMOUNT:</b>	\$4,875,000		\$2,015,000		\$8,740,000		\$43,615,000	
<b>SALE DATE:</b>	7/19/2022		7/19/2022		7/19/2022		7/20/2022	
<b>TERM:</b>	14		10		30		25	
<b>TIC:</b>	2.8029%		2.5233%		3.8887%		3.5438%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	No		No		Yes		Yes	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	108.7451		112.3640		104.5897		107.4165	
<b>\$ PREMIUM:</b>	\$	426,324	\$	249,135	\$	401,140	\$	3,234,706
		<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2023	4.000%	1.870%	5.000%	1.500%	5.000%	1.450%	5.000%	1.890%
2024	4.000%	1.900%	5.000%	1.800%	5.000%	1.750%	5.000%	1.930%
2025	4.000%	1.920%	5.000%	1.900%	5.000%	1.880%	5.000%	1.930%
2026	4.000%	1.990%	5.000%	2.000%	5.000%	2.000%	5.000%	2.030%
2027	4.000%	2.050%	5.000%	2.100%	5.000%	2.080%	5.000%	2.110%
2028	4.000%	2.200%	5.000%	2.250%	5.000%	2.240%	5.000%	2.250%
2029	4.000%	2.320%	5.000%	2.350%	5.000%	2.340%	5.000%	2.360%
2030	4.000%	2.380%	5.000%	2.420%	5.000%	2.400%	5.000%	2.420%
2031	5.000%	2.440%	5.000%	2.500%	5.000%	2.500%	5.000%	2.500%
2032	4.000%	2.650%	5.000%	2.550%	5.000%	2.570%	5.000%	2.590%
2033	4.000%	2.800%			5.000%	2.700%	5.000%	2.730%
2034	4.000%	2.900%			5.000%	2.790%	5.000%	2.840%
2035	4.000%	3.000%			5.000%	2.880%	5.000%	2.940%
2036	4.000%	3.100%			5.000%	2.930%	3.250%	3.500%
2037					5.000%	2.950%	4.000%	3.330%
2038					5.000%	3.000%	4.000%	3.470%
2039					4.000%	3.770%	4.000%	3.550%
2040					4.000%	3.880%	4.000%	3.640%
2041							4.000%	3.690%
2042					4.000%	4.000%		
2043					4.000%	4.010%		
2044					4.000%	4.020%	4.000%	3.800%
2045					4.000%	4.040%		
2046					4.000%	4.050%		
2047							4.000%	3.900%
2048					4.000%	4.080%		
2049								
2050					4.000%	4.100%		
2051								
2052					4.000%	4.120%		
	Callable July 1, 2031		Callable August 1, 2030		Callable August 1, 2030		Callable August 1, 2031	

**COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 4**

**July 2022**

<b>MUNICIPALITY:</b>	Natick	Richmond	Sherborn	Medway				
<b>BANK QUALIFIED:</b>	No	Yes	Yes	No				
<b>RATING:</b>	AAA	AA+	AAA	AAA				
<b>AMOUNT:</b>	\$10,880,000	\$7,250,000	\$5,645,000	\$17,570,000				
<b>SALE DATE:</b>	7/20/2022	7/20/2022	7/20/2022	7/21/2022				
<b>TERM:</b>	20	30	20	30				
<b>TIC:</b>	2.8222%	3.9312%	3.1794%	3.6816%				
<b>INSURANCE:</b>	No	No	No	No				
<b>TERM BONDS:</b>	No	Yes	Yes	Yes				
<b>TAXABLE:</b>	No	No	No	No				
<b>BID:</b>	112.2922	104.1827	110.4624	107.9610				
<b>\$ PREMIUM:</b>	\$ 1,337,391	\$ 303,246	\$ 590,602	\$ 1,398,748				
	<b>Coupon</b>	<b>Reoffering Yield</b>	<b>Coupon</b>	<b>Reoffering Yield</b>	<b>Coupon</b>	<b>Reoffering Yield</b>	<b>Coupon</b>	<b>Reoffering Yield</b>
2023	5.000%	1.480%	5.000%	1.400%	5.000%	1.270%	5.000%	1.450%
2024	5.000%	1.740%	5.000%	1.700%	5.000%	1.610%	5.000%	1.730%
2025	5.000%	1.830%	5.000%	1.830%	5.000%	1.780%	5.000%	1.800%
2026	5.000%	1.930%	5.000%	1.950%	5.000%	1.920%	5.000%	1.910%
2027	5.000%	2.020%	5.000%	2.020%	5.000%	2.000%	5.000%	1.980%
2028	5.000%	2.160%	5.000%	2.160%	5.000%	2.120%	5.000%	2.140%
2029	5.000%	2.300%	5.000%	2.300%	5.000%	2.260%	5.000%	2.240%
2030	5.000%	2.370%	5.000%	2.360%	5.000%	2.330%	5.000%	2.300%
2031	5.000%	2.470%	5.000%	2.430%	5.000%	2.410%	5.000%	2.440%
2032	5.000%	2.510%	5.000%	2.550%	5.000%	2.500%	5.000%	2.510%
2033	5.000%	2.620%	5.000%	2.700%	5.000%	2.600%	5.000%	2.630%
2034	5.000%	2.690%	5.000%	2.800%	5.000%	2.670%	5.000%	2.700%
2035	5.000%	2.780%	5.000%	2.850%	5.000%	2.740%	5.000%	2.790%
2036	5.000%	2.830%	5.000%	2.900%	5.000%	2.800%	5.000%	2.860%
2037	5.000%	2.880%	5.000%	2.950%	4.000%	3.550%	5.000%	2.900%
2038	5.000%	2.930%	5.000%	3.000%	4.000%	3.600%	5.000%	2.970%
2039	5.000%	3.000%	5.000%	3.050%			5.000%	3.050%
2040	4.000%	3.600%	4.000%	3.900%	4.000%	3.700%	5.000%	3.090%
2041	4.000%	3.650%					4.000%	3.800%
2042	4.000%	3.700%	4.000%	4.000%	4.000%	3.800%	4.000%	3.850%
2043								
2044			4.000%	4.069%				
2045								
2046								
2047							4.000%	4.000%
2048			4.000%	4.094%				
2049								
2050								
2051								
2052			4.000%	4.117%			4.000%	4.100%
	Callable September 1, 2031		Callable June 15, 2030		Callable February 1, 2030		Callable August 1, 2030	

**COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 5**

**July 2022**

<b>MUNICIPALITY:</b>	Fairhaven	Ashland		
<b>BANK QUALIFIED:</b>	Yes	No		
<b>RATING:</b>	AA+	AAA		
<b>AMOUNT:</b>	\$4,580,000	\$47,850,000		
<b>SALE DATE:</b>	7/27/2022	7/28/2022		
<b>TERM:</b>	26	30		
<b>TIC:</b>	3.2384%	3.5513%		
<b>INSURANCE:</b>	No	No		
<b>TERM BONDS:</b>	Yes	Yes		
<b>TAXABLE:</b>	No	No		
<b>BID:</b>	108.3528	100.3734		
<b>\$ PREMIUM:</b>	\$ 382,558	\$ 178,672		
	<b>Coupon</b>	<b>Reoffering Yield</b>	<b>Coupon</b>	<b>Reoffering Yield</b>
2023	5.000%	1.460%	5.000%	1.500%
2024	5.000%	1.710%	5.000%	1.650%
2025	5.000%	1.800%	5.000%	1.710%
2026	5.000%	1.910%	5.000%	1.820%
2027	5.000%	1.950%	5.000%	1.850%
2028	5.000%	2.100%	5.000%	1.990%
2029	5.000%	2.200%	5.000%	2.090%
2030	5.000%	2.250%	5.000%	2.150%
2031	5.000%	2.350%	5.000%	2.240%
2032			5.000%	2.320%
2033			5.000%	2.430%
2034	4.000%	2.900%	5.000%	2.500%
2035			5.000%	2.570%
2036			4.000%	3.100%
2037	4.000%	3.200%	4.000%	3.200%
2038			4.000%	3.250%
2039			4.000%	3.300%
2040	4.000%	3.550%	4.000%	3.400%
2041			4.000%	3.500%
2042			4.000%	3.550%
2043	4.000%	3.850%		
2044				
2045				
2046				
2047			3.000%	3.730%
2048	4.000%	4.000%		
2049				
2050				
2051				
2052			3.000%	3.780%
	Callable August 1, 2030		Callable August 1, 2030	

**COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 6**

**July 2022**

<b>MUNICIPALITY:</b>	Connecticut RSD No. 14		Portland Water District, ME		New Milford, CT		North Branford, CT	
<b>BANK QUALIFIED:</b>	Yes		Yes		No		No	
<b>RATING:</b>	Aa2		Aa3/AA		Aa1		AA+	
<b>AMOUNT:</b>	\$8,400,000		\$5,500,000		\$9,300,000		\$18,300,000	
<b>SALE DATE:</b>	7/12/2022		7/12/2022		7/13/2022		7/14/2022	
<b>TERM:</b>	24		20		19		18	
<b>TIC:</b>	3.5785%		3.1361%		3.3303%		3.4360%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	No		Yes		No		No	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	105.7317		N/A		108.3931		107.2217	
<b>\$ PREMIUM:</b>	\$ 481,463		N/A		\$ 780,558		\$ 1,321,571	
	<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>		<b>Reoffering</b>	
	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>	<u>Coupon</u>	<u>Yield</u>
2023			5.000%	1.650%				
2024	5.000%	1.800%	5.000%	1.900%	5.000%	1.740%		
2025	5.000%	1.920%	5.000%	2.000%	5.000%	1.860%	5.000%	1.820%
2026	5.000%	2.000%	5.000%	2.060%	5.000%	1.930%	5.000%	1.930%
2027	5.000%	2.060%	5.000%	2.150%	5.000%	2.000%	5.000%	2.000%
2028	5.000%	2.200%	5.000%	2.300%	5.000%	2.140%	5.000%	2.150%
2029	5.000%	2.300%	5.000%	2.400%	5.000%	2.250%	5.000%	2.250%
2030	5.000%	2.350%	5.000%	2.450%	5.000%	2.310%	5.000%	2.310%
2031	5.000%	2.450%	5.000%	2.550%	5.000%	2.440%	5.000%	2.440%
2032	5.000%	2.550%	5.000%	2.600%	5.000%	2.500%	4.000%	2.540%
2033	4.000%	2.900%			4.000%	2.680%	4.000%	2.630%
2034	4.000%	3.000%			4.000%	2.940%	4.000%	2.890%
2035	4.000%	3.150%			4.000%	3.140%	4.000%	3.090%
2036	4.000%	3.300%			4.000%	3.260%	4.000%	3.210%
2037	3.500%	3.500%	4.000%	3.450%	4.000%	3.380%	4.000%	3.380%
2038	3.500%	3.600%			4.000%	3.500%	4.000%	3.500%
2039	4.000%	3.600%			4.000%	3.600%	4.000%	3.600%
2040	4.000%	3.700%			4.000%	3.700%	4.000%	3.700%
2041	4.000%	3.800%			4.000%	3.850%	4.000%	3.800%
2042	4.000%	3.900%	4.000%	3.700%	4.000%	4.000%	4.000%	4.000%
2043	4.000%	3.950%						
2044	4.000%	4.000%						
2045	4.000%	4.010%						
2046	4.000%	4.020%						
2047	4.000%	4.040%						
2048								
2049								
2050								
2051								
2052								
	Callable August 15, 2031		Callable November 1, 2032		Callable July 15, 2030		Callable August 1, 2029	

**COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 7**

**July 2022**

<b>MUNICIPALITY:</b>	Enfield, CT	Fairfield, CT	Guilford, CT	Stamford, CT
<b>BANK QUALIFIED:</b>	No	No	Yes	No
<b>RATING:</b>	AA	Aaa	AAA	AAA
<b>AMOUNT:</b>	\$10,000,000	\$13,455,000	\$4,000,000	\$40,000,000
<b>SALE DATE:</b>	7/21/2022	7/26/2022	7/26/2022	7/26/2022
<b>TERM:</b>	20	12	14	20
<b>TIC:</b>	N/A	2.2342%	2.8435%	3.1806%
<b>INSURANCE:</b>	No	No	No	No
<b>TERM BONDS:</b>	No	No	No	No
<b>TAXABLE:</b>	No	No	No	No
<b>BID:</b>	N/A	N/A	109.7829	108.9881
<b>\$ PREMIUM:</b>	N/A	N/A	\$ 391,316	\$ 3,595,240
		<b>Reoffering</b>	<b>Reoffering</b>	
	<b>Coupon</b>	<b>Yield</b>	<b>Coupon</b>	<b>Yield</b>
	<b>Coupon</b>	<b>Yield</b>	<b>Coupon</b>	<b>Yield</b>
2023	5.000%	1.480%	5.000%	1.400%
2024	5.000%	1.760%	5.000%	1.700%
2025	5.000%	1.850%	5.000%	1.800%
2026	5.000%	1.970%	5.000%	1.900%
2027	5.000%	2.060%	5.000%	1.920%
2028	5.000%	2.200%	5.000%	2.070%
2029	5.000%	2.300%	5.000%	2.180%
2030	5.000%	2.400%	5.000%	2.240%
2031	5.000%	2.490%	3.000%	2.340%
2032	5.000%	2.640%	4.000%	2.490%
2033	5.000%	2.730%	4.000%	2.630%
2034	5.000%	2.790%	4.000%	2.790%
2035	5.000%	2.840%		3.500%
2036	5.000%	2.860%		3.500%
2037	5.000%	2.930%		3.500%
2038	4.000%	3.600%		
2039	4.000%	3.700%		
2040	4.000%	3.800%		
2041	4.000%	4.000%		
2042	4.000%	4.000%		
2043				
2044				
2045				
2046				
2047				
2048				
2049				
2050				
2051				
2052				
	Callable August 1, 2030	Callable July 15, 2031	Callable August 1, 2030	Callable June 15, 2030