

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

**February 2022**

<b>MUNICIPALITY:</b>	State of Massachusetts, Series A		State of Massachusetts, Series B		Walpole		Weston	
<b>BANK QUALIFIED:</b>	No		No		No		Yes	
<b>RATING:</b>	Aa1 / AA		Aa1 / AA		AA+		Aaa	
<b>AMOUNT:</b>	\$300,000,000		\$350,000,000		\$51,525,000		\$1,570,000	
<b>SALE DATE:</b>	2/1/2022		2/1/2022		2/1/2022		2/1/2022	
<b>TERM:</b>	11		8		30		10	
<b>TIC:</b>	2.0669%		2.9283%		2.6697%		1.4580%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	No		Yes		Yes		No	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	119.5508		106.708		106.7206		115.0464	
<b>\$ PREMIUM:</b>	\$ 58,652,400		\$ 23,478,000		\$ 3,462,789		\$ 236,228	
	<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>
2022					5.000%	0.800%		
2023					5.000%	0.900%	5.000%	0.670%
2024					5.000%	1.100%	5.000%	0.950%
2025					5.000%	1.200%	5.000%	1.100%
2026					5.000%	1.300%	5.000%	1.220%
2027					5.000%	1.360%	5.000%	1.290%
2028	5.000%	1.350%			5.000%	1.440%	5.000%	1.390%
2029	5.000%	1.460%			5.000%	1.550%	5.000%	1.490%
2030	5.000%	1.520%			5.000%	1.600%	5.000%	1.550%
2031	5.000%	1.560%			4.000%	1.690%	5.000%	1.620%
2032	5.000%	1.610%			4.000%	1.750%	5.000%	1.670%
2033	5.000%	1.650%			3.000%	1.900%		
2034	4.000%	1.720%			3.000%	2.000%		
2035	3.000%	2.190%			3.000%	2.100%		
2036	4.000%	1.890%			3.000%	2.200%		
2037	3.000%	2.270%			3.000%	2.300%		
2038	3.000%	2.320%			3.000%	2.370%		
2039			4.000%	2.060%	3.000%	2.420%		
2040			4.000%	2.080%	3.000%	2.450%		
2041			3.000%	2.550%	3.000%	2.480%		
2042			4.000%	2.140%	3.000%	2.520%		
2043			3.000%	2.700%				
2044			4.000%	2.200%				
2045			3.000%	2.800%				
2046								
2047					3.000%	2.700%		
2048			3.000%	2.850%				
2049								
2050								
2051					3.000%	2.800%		
	Callable Feb. 1, 2032		Callable Feb. 1, 2032		Callable Oct. 15, 2030		Non-callable	

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

**January 2022**

<b>MUNICIPALITY:</b>	Dartmouth		Hanover		Wellesley		Arlington	
<b>BANK QUALIFIED:</b>	No		Yes		No		No	
<b>RATING:</b>	AAA		Aa2		Aaa		AAA	
<b>AMOUNT:</b>	\$9,160,000		\$5,805,000		\$81,785,000		\$82,445,000	
<b>SALE DATE:</b>	2/2/2022		2/2/2022		2/2/2022		2/3/2022	
<b>TERM:</b>	20		10		25		30	
<b>TIC:</b>	2.1963%		1.4024%		2.1992%		2.4066%	
<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>	108.4273		115.4255		108.1722		105.9364	
<b>\$ PREMIUM:</b>	\$ 771,941		\$ 895,450		\$ 6,683,634		\$ 4,894,265	
		<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>
2022			5.000%	0.660%	5.000%	0.750%	5.000%	0.650%
2023	5.000%	0.690%	5.000%	0.830%	5.000%	0.810%	5.000%	0.760%
2024	5.000%	0.960%	5.000%	1.040%	5.000%	1.000%	5.000%	0.970%
2025	5.000%	1.100%	5.000%	1.190%	5.000%	1.150%	5.000%	1.090%
2026	5.000%	1.220%	5.000%	1.280%	5.000%	1.220%	5.000%	1.170%
2027	5.000%	1.280%	5.000%	1.340%	5.000%	1.300%	5.000%	1.250%
2028	5.000%	1.330%	5.000%	1.390%	5.000%	1.360%	3.000%	1.300%
2029	5.000%	1.420%	5.000%	1.450%	5.000%	1.420%	5.000%	1.360%
2030	5.000%	1.460%	5.000%	1.489%	5.000%	1.440%	5.000%	1.410%
2031	5.000%	1.510%	5.000%	1.520%	4.000%	1.500%	4.000%	1.470%
2032	4.000%	1.600%			4.000%	1.550%	4.000%	1.520%
2033	2.000%	2.150%			4.000%	1.600%	3.000%	1.800%
2034	2.125%	2.240%			2.125%	2.170%	3.000%	1.870%
2035	2.250%	2.360%			2.125%	2.220%	3.000%	1.940%
2036	2.250%	2.441%			2.250%	2.280%	2.125%	2.250%
2037	2.375%	2.520%			2.250%	2.340%	2.125%	2.300%
2038	2.500%	2.577%			2.375%	2.400%	2.250%	2.350%
2039	2.500%	2.591%			2.375%	2.450%	3.000%	2.100%
2040	2.500%	2.610%			2.500%	2.500%	3.000%	2.120%
2041	2.500%	2.640%			2.500%	2.520%	3.000%	2.140%
2042	2.625%	2.690%			2.500%	2.550%	3.000%	2.160%
2043					2.500%	2.580%	2.500%	2.510%
2044					2.500%	2.610%	2.500%	2.540%
2045					2.500%	2.640%	2.500%	2.600%
2046					2.500%	2.650%	2.500%	2.610%
2047							2.500%	2.620%
2048							2.500%	2.630%
2049							2.500%	2.640%
2050							2.500%	2.650%
2051							2.750%	2.730%
	Callable Feb. 15, 2030		Non-callable		Callable Dec. 1, 2030		Callable Oct. 15, 2030	

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

**February 2022**

<b>MUNICIPALITY:</b>	Bellingham	Pittsfield	Sharon	Revere				
<b>BANK QUALIFIED:</b>	Yes	No	No	No				
<b>RATING:</b>	AA+	AA	AA	AA				
<b>AMOUNT:</b>	\$4,765,000	\$6,110,000	\$4,135,000	\$14,785,000				
<b>SALE DATE:</b>	2/3/2022	2/8/2022	2/8/2022	2/10/2022				
<b>TERM:</b>	20	20	20	30				
<b>TIC:</b>	2.0090%	2.2571%	1.8483%	2.5268%				
<b>INSURANCE:</b>	No	No	No	No				
<b>TERM BONDS:</b>	Yes	No	Yes	Yes				
<b>TAXABLE:</b>	No	No	No	No				
<b>BID:</b>	107.1766	112.3362	114.3252	109.7188				
<b>\$ PREMIUM:</b>	\$ 341,965	\$ 753,742	\$ 592,347	\$ 1,436,925				
	<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>
2022	4.000%	0.650%	5.000%	0.700%	5.000%	0.700%	5.000%	0.700%
2023	4.000%	0.800%	5.000%	0.880%	5.000%	0.700%	5.000%	0.860%
2024	4.000%	1.040%	5.000%	1.100%	5.000%	0.970%	5.000%	1.080%
2025	4.000%	1.190%	5.000%	1.200%	5.000%	1.100%	5.000%	1.210%
2026	4.000%	1.280%	5.000%	1.300%	5.000%	1.150%	5.000%	1.290%
2027	4.000%	1.350%	5.000%	1.400%	5.000%	1.250%	5.000%	1.380%
2028	4.000%	1.400%	5.000%	1.500%	5.000%	1.310%	5.000%	1.440%
2029	2.000%	1.460%	5.000%	1.550%	5.000%	1.380%	5.000%	1.510%
2030	4.000%	1.550%	5.000%	1.600%	5.000%	1.440%	5.000%	1.560%
2031	3.000%	1.600%	5.000%	1.650%	5.000%	1.510%	5.000%	1.620%
2032	3.000%	1.700%	4.000%	1.750%	5.000%	1.600%	4.000%	1.700%
2033			3.000%	2.000%			4.000%	1.760%
2034	2.000%	2.000%	3.000%	2.100%	3.000%	2.000%	3.000%	2.170%
2035			3.000%	2.200%			3.000%	2.300%
2036			3.000%	2.300%			2.500%	2.550%
2037	2.500%	2.100%	3.000%	2.350%	3.000%	2.100%	3.000%	2.500%
2038			3.000%	2.400%	2.250%	2.300%	3.000%	2.600%
2039			3.000%	2.450%	2.375%	2.400%	3.000%	2.670%
2040			3.000%	2.500%	2.500%	2.500%	3.000%	2.760%
2041	3.000%	2.000%	3.000%	2.550%	2.500%	2.550%	3.000%	2.800%
2042					2.500%	2.600%	3.000%	2.850%
2043								
2044								
2045							3.000%	2.970%
2046								
2047								
2048							3.000%	3.050%
2049								
2050								
2051							3.000%	3.100%
	Callable Oct. 15, 2030		Callable Dec. 1, 2030		Callable Feb. 15, 2031		Callable Oct. 15, 2030	

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

**February 2022**

<b>MUNICIPALITY:</b>	Stoughton		Wareham		Orange		Swampscott	
<b>BANK QUALIFIED:</b>	No		Yes		No		No	
<b>RATING:</b>	Aa2		AA+		AA		AA+	
<b>AMOUNT:</b>	\$21,510,000		\$1,960,000		\$16,465,000		\$66,490,000	
<b>SALE DATE:</b>	2/15/2022		2/15/2022		2/22/2022		2/28/2022	
<b>TERM:</b>	30		20		29		30	
<b>TIC:</b>	2.8755%		2.4668%		2.8273%		2.8477%	
<b>INSURANCE:</b>	No		No		No		No	
<b>TERM BONDS:</b>	Yes		Yes		Yes		Yes	
<b>TAXABLE:</b>	No		No		No		No	
<b>BID:</b>	104.5056		104.4882		106.0050		104.2126	
<b>\$ PREMIUM:</b>	\$ 969,155		\$ 87,969		\$ 988,723		\$ 2,800,958	
		<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>
2022	5.000%	0.850%						
2023	5.000%	1.020%	4.000%	0.900%	5.000%	0.970%	5.000%	0.860%
2024	5.000%	1.150%	4.000%	1.160%	5.000%	1.220%	5.000%	1.120%
2025	5.000%	1.400%	4.000%	1.310%	5.000%	1.370%	5.000%	1.220%
2026	5.000%	1.500%	4.000%	1.430%	5.000%	1.510%	5.000%	1.350%
2027	5.000%	1.580%	2.000%	1.500%	5.000%	1.600%	5.000%	1.420%
2028	5.000%	1.650%	2.000%	1.560%	5.000%	1.680%	5.000%	1.500%
2029	5.000%	1.710%	2.000%	1.630%	5.000%	1.750%	5.000%	1.540%
2030	5.000%	1.750%	2.000%	1.700%	5.000%	1.780%	5.000%	1.580%
2031	5.000%	1.800%	3.000%	1.800%	5.000%	1.810%	4.000%	1.650%
2032	4.000%	1.900%			4.000%	1.860%	4.000%	1.700%
2033	3.000%	2.000%			4.000%	1.890%	4.000%	1.800%
2034	3.000%	2.100%			4.000%	1.920%	3.000%	2.200%
2035	3.000%	2.200%	3.000%	2.000%	3.000%	2.400%	3.000%	2.300%
2036	3.000%	2.300%			3.000%	2.500%	3.000%	2.400%
2037	3.000%	2.400%			3.000%	2.600%	2.500%	2.500%
2038	3.000%	2.500%			3.000%	2.650%	3.000%	2.550%
2039	3.000%	2.600%	3.000%	2.250%	3.000%	2.700%	3.000%	2.600%
2040	3.000%	2.700%			3.000%	2.750%	3.000%	2.650%
2041	3.000%	2.750%			3.000%	2.800%	3.000%	2.700%
2042	3.000%	2.800%	3.000%	2.400%			3.000%	2.750%
2043					2.875%	2.950%	3.000%	2.800%
2044							3.000%	2.850%
2045					3.000%	3.000%		
2046					3.000%	3.050%		
2047								
2048								
2049								
2050								
2051					3.000%	3.150%		
2052	3.000%	3.050%					3.000%	3.020%
	Callable Sept. 1, 2030		Callable March 1, 2031		Callable June 1, 2030		Callable March 1, 2030	

**February 2022**

<b>MUNICIPALITY:</b>	West Harford, CT		Brunswick, ME		Manchester, CT		Darien, CT	
<b>BANK QUALIFIED:</b>	No		No		No		No	
<b>RATING:</b>	AAA		Aa2 / AA+		AA+		Aaa	
<b>AMOUNT:</b>	\$15,000,000		\$13,231,000		\$15,000,000		\$29,950,000	
<b>SALE DATE:</b>	2/1/2022		2/8/2022		2/9/2022		2/10/2022	
<b>TERM:</b>	15		25		20		18	
<b>TIC:</b>	2.0059%		2.2312%		2.2577%		2.3375%	
<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>	112.1762		105.9753		108.8954		102.9605	
<b>\$ PREMIUM:</b>	\$ 1,826,430		\$ 790,592		\$ 1,334,310		\$ 886,670	
		<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>
2022			5.000%	0.760%				
2023	5.000%	0.650%	5.000%	0.800%	5.000%	0.670%		
2024	5.000%	0.940%	5.000%	1.000%	5.000%	0.920%		
2025	5.000%	1.080%	5.000%	1.110%	5.000%	1.060%	4.000%	1.020%
2026	5.000%	1.200%	3.000%	1.180%	5.000%	1.180%	4.000%	1.140%
2027	5.000%	1.270%	3.000%	1.260%	5.000%	1.220%	4.000%	1.200%
2028	5.000%	1.370%	2.500%	1.320%	5.000%	1.300%	4.000%	1.280%
2029	5.000%	1.460%	2.500%	1.360%	5.000%	1.370%	4.000%	1.410%
2030	4.000%	1.570%	5.000%	1.420%	5.000%	1.450%	3.000%	1.650%
2031	4.000%	1.630%	5.000%	1.470%	4.000%	1.600%	2.000%	2.070%
2032	4.000%	1.690%	4.000%	1.500%	4.000%	1.700%	2.125%	2.170%
2033	3.000%	1.870%	3.000%	1.750%	3.000%	2.000%	2.250%	2.250%
2034	3.000%	1.940%	3.000%	1.900%	2.375%	2.250%	2.250%	2.320%
2035	3.000%	2.010%	2.000%	2.000%	2.375%	2.350%	2.375%	2.380%
2036	3.000%	2.090%	2.000%	2.100%	2.500%	2.450%	2.375%	2.430%
2037	3.000%	2.170%	2.125%	2.200%	2.625%	2.500%	2.375%	2.490%
2038			2.250%	2.300%	2.625%	2.550%	2.500%	2.540%
2039			2.375%	2.400%	2.625%	2.600%	2.500%	2.590%
2040			2.375%	2.450%	2.700%	2.650%	2.625%	2.640%
2041			2.500%	2.500%	3.000%	2.280%	2.625%	2.670%
2042			2.500%	2.550%	3.000%	2.300%	2.625%	2.700%
2043			2.500%	2.600%				
2044			2.625%	2.650%				
2045			2.625%	2.700%				
2046			2.750%	2.750%				
	Callable Jan. 15, 2030		Callable Nov. 1, 2031		Callable Feb. 1, 2030		Callable Feb. 1, 2028	

**February 2022**

<b>MUNICIPALITY:</b>	New Fairfield, CT		Windham, ME		Farmington, CT		Glastonbury, CT	
<b>BANK QUALIFIED:</b>	No		Yes		No		Yes	
<b>RATING:</b>	AAA		Aa2 / AA		Aaa		AAA	
<b>AMOUNT:</b>	\$35,000,000		\$4,790,000		\$40,000,000		\$2,375,000	
<b>SALE DATE:</b>	2/15/2022		2/15/2022		2/23/2022		2/24/2022	
<b>TERM:</b>	20		20		20		10	
<b>TIC:</b>	2.5120%		2.1243%		2.3844%		1.6614%	
<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>	106.8653		104.1191		106.2413		114.4825	
<b>\$ PREMIUM:</b>	\$ 2,402,855		\$ 197,305		\$ 2,496,520		\$ 343,959	
		<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>
2022			4.000%	0.900%				
2023	5.000%	0.810%	4.000%	1.000%	5.000%	0.820%	5.000%	0.830%
2024	5.000%	1.090%	4.000%	1.100%	5.000%	1.090%	5.000%	1.100%
2025	5.000%	1.230%	3.000%	1.200%	5.000%	1.210%	5.000%	1.220%
2026	5.000%	1.340%	3.000%	1.350%	5.000%	1.340%	5.000%	1.360%
2027	5.000%	1.420%	3.000%	1.500%	5.000%	1.410%	5.000%	1.420%
2028	5.000%	1.490%	3.000%	1.600%	5.000%	1.500%	5.000%	1.490%
2029	5.000%	1.580%	3.000%	1.750%	5.000%	1.550%	5.000%	1.560%
2030	4.000%	1.660%	3.000%	1.800%	4.000%	1.600%	5.000%	1.590%
2031	4.000%	1.720%	3.000%	1.850%	3.000%	1.750%	4.000%	1.680%
2032	3.000%	1.900%	2.000%	1.900%	3.000%	1.900%	3.000%	1.900%
2033	3.000%	1.960%	2.000%	1.950%	2.300%	2.250%		
2034	3.000%	2.000%	2.000%	2.000%	2.375%	2.350%		
2035	2.600%	2.550%	2.250%	2.050%	2.500%	2.450%		
2036	2.700%	2.650%	2.250%	2.100%	2.600%	2.550%		
2037	2.750%	2.700%	3.000%	2.200%	2.650%	2.600%		
2038	2.800%	2.750%	3.000%	2.300%	2.700%	2.650%		
2039	2.850%	2.800%	3.000%	2.350%	2.750%	2.700%		
2040	2.900%	2.850%	3.000%	2.400%	2.750%	2.730%		
2041	2.950%	2.900%	3.000%	2.500%	2.800%	2.770%		
2042	3.000%	2.950%			2.850%	2.800%		
	Callable March 1, 2028		Callable Nov. 1, 2031		Callable March 1, 2029		Callable March 1, 2030	