

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 1

March 2022

MUNICIPALITY:	Barnstable	Lincoln	Brookline	Cambridge
BANK QUALIFIED:	No	Yes	No	No
RATING:	AAA	AAA	Aaa	Aaa/AAA
AMOUNT:	\$11,475,000	\$8,185,000	\$21,755,000	\$81,750,000
SALE DATE:	3/1/2022	3/1/2022	3/2/2022	3/2/2022
TERM:	20	27	20	20
TIC:	2.1249%	2.5911%	1.7224%	1.8964%
INSURANCE:	No	No	No	No
TERM BONDS:	No	Yes	Yes	No
TAXABLE:	No	No	No	No
BID:	112.4046	104.9053	115.6320	113.4381

\$ PREMIUM:	\$ 1,423,428	\$ 401,499	\$ 3,400,742	\$ 10,985,647
--------------------	--------------	------------	--------------	---------------

	<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>
2022			5.000%	1.000%				
2023	5.000%	0.830%	5.000%	1.050%	5.000%	0.800%	5.000%	0.780%
2024	5.000%	1.070%	5.000%	1.150%	5.000%	1.040%	5.000%	1.030%
2025	5.000%	1.170%	5.000%	1.250%	5.000%	1.130%	5.000%	1.120%
2026	4.000%	1.290%	5.000%	1.350%	5.000%	1.220%	5.000%	1.210%
2027	5.000%	1.360%	5.000%	1.400%	5.000%	1.280%	5.000%	1.270%
2028	5.000%	1.430%	5.000%	1.500%	5.000%	1.360%	5.000%	1.340%
2029	5.000%	1.480%	5.000%	1.550%	5.000%	1.430%	5.000%	1.410%
2030	5.000%	1.520%	5.000%	1.600%	5.000%	1.460%	5.000%	1.440%
2031	5.000%	1.550%	3.000%	1.700%	5.000%	1.490%	5.000%	1.470%
2032	4.000%	1.690%	3.000%	1.750%	4.000%	1.600%	5.000%	1.500%
2033	4.000%	1.770%	3.000%	1.850%	3.000%	1.880%	4.000%	1.600%
2034	3.000%	2.060%	3.000%	2.000%	3.000%	1.950%	3.000%	1.900%
2035	3.000%	2.130%	2.250%	2.200%	3.000%	2.000%	2.250%	2.320%
2036	3.000%	2.200%	2.250%	2.250%	3.000%	2.050%	2.250%	2.370%
2037	3.000%	2.270%	2.500%	2.300%	2.375%	2.400%	2.375%	2.420%
2038	3.000%	2.340%	2.500%	2.350%	2.375%	2.450%	2.375%	2.450%
2039	3.000%	2.410%	2.500%	2.380%	2.375%	2.500%	2.375%	2.480%
2040	3.000%	2.480%	2.375%	2.400%	2.500%	2.550%	2.500%	2.510%
2041	3.000%	2.520%	2.500%	2.450%			2.500%	2.540%
2042	3.000%	2.550%	2.750%	2.550%	2.500%	2.600%	2.500%	2.560%
2043								
2044								
2045			3.000%	2.850%				
2046								
2047								
2048			3.000%	3.000%				
2049								
2050								
2051								
2052								

	Callable March 15, 2031	Callable Nov. 15, 2030	Callable March 15, 2031	Callable Feb. 15, 2032
--	-------------------------	------------------------	-------------------------	------------------------

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 2

March 2022

MUNICIPALITY:	Canton	Georgetown	Norwood	Westwood
BANK QUALIFIED:	No	No	No	No
RATING:	AAA	Aa3	AA+	AAA
AMOUNT:	\$14,345,000	\$14,105,000	\$26,135,000	\$6,380,000
SALE DATE:	3/7/2022	3/8/2022	3/8/2022	3/8/2022
TERM:	20	17	20	30
TIC:	2.1370%	2.3020%	2.2135%	2.2374%
INSURANCE:	No	No	No	No
TERM BONDS:	No	No	No	Yes
TAXABLE:	No	No	No	No
BID:	109.861	110.7566	111.7586	112.5251

\$ PREMIUM:	\$ 1,414,560	\$ 1,517,218	\$ 3,073,110	\$ 799,101
--------------------	--------------	--------------	--------------	------------

	<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>
2022								
2023	5.000%	0.870%	5.000%	0.950%	5.000%	0.910%	5.000%	0.910%
2024	5.000%	1.110%	5.000%	1.170%	5.000%	1.150%	5.000%	1.150%
2025	5.000%	1.210%	5.000%	1.290%	5.000%	1.250%	5.000%	1.250%
2026	4.000%	1.280%	5.000%	1.380%	5.000%	1.340%	5.000%	1.350%
2027	5.000%	1.370%	5.000%	1.490%	5.000%	1.420%	5.000%	1.420%
2028	5.000%	1.440%	5.000%	1.570%	5.000%	1.500%	5.000%	1.500%
2029	5.000%	1.510%	5.000%	1.630%	5.000%	1.580%	5.000%	1.580%
2030	5.000%	1.570%	5.000%	1.700%	5.000%	1.640%	5.000%	1.640%
2031	4.000%	1.650%	4.000%	1.910%	5.000%	1.690%	5.000%	1.670%
2032	4.000%	1.700%	4.000%	2.000%	4.000%	1.810%	5.000%	1.750%
2033	2.300%	2.250%	3.000%	2.200%	4.000%	1.920%		
2034	2.250%	2.300%	3.000%	2.300%	3.000%	2.200%		
2035	2.250%	2.350%	3.000%	2.380%	3.000%	2.250%		
2036	2.375%	2.400%	3.000%	2.450%	3.000%	2.300%		
2037	2.375%	2.500%	3.000%	2.500%	3.000%	2.350%	2.750%	2.650%
2038	2.500%	2.600%	3.000%	2.550%	3.000%	2.400%		
2039	2.750%	2.700%	3.000%	2.600%	3.000%	2.450%		
2040	2.750%	2.730%			3.000%	2.500%		
2041	2.800%	2.770%			3.000%	2.550%		
2042	2.850%	2.800%			3.000%	2.600%	3.000%	2.850%
2043								
2044								
2045								
2046								
2047							3.000%	3.050%
2048							3.000%	3.080%
2049							3.000%	3.090%
2050							3.000%	3.100%
2051							3.125%	3.125%
2052							3.125%	3.151%

Callable March 15, 2030

Callable May 1, 2030

Callable March 15, 2031

Callable April 1, 2031

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 3

March 2022

MUNICIPALITY:	Chatham	Truro - Ser. A	Truro - Ser. B	New Bedford
BANK QUALIFIED:	No	No	No	No
RATING:	AAA	AA+	AA+	AA-
AMOUNT:	\$11,675,000	\$4,275,000	\$4,505,000	\$7,235,000
SALE DATE:	3/9/2022	3/9/2022	3/9/2022	3/10/2022
TERM:	15	20	20	28
TIC:	2.1780%	2.4522%	3.2869%	2.8273%
INSURANCE:	No	No	No	No
TERM BONDS:	No	Yes	Yes	Yes
TAXABLE:	No	No	Yes	No
BID:	111.8242	111.8270	101.9323	109.9594
\$ PREMIUM:	\$ 1,380,475	\$ 505,604	\$ 87,050	\$ 720,563

	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								
2023	5.000%	0.900%	5.000%	1.000%	4.000%	1.400%	5.000%	1.070%
2024	5.000%	1.140%	5.000%	1.240%	4.000%	1.900%	5.000%	1.300%
2025	5.000%	1.240%	5.000%	1.340%	4.000%	2.050%	5.000%	1.420%
2026	4.000%	1.330%	5.000%	1.430%	4.000%	2.150%	5.000%	1.520%
2027	5.000%	1.480%	5.000%	1.510%	4.000%	2.250%	5.000%	1.590%
2028	5.000%	1.560%	5.000%	1.590%	4.000%	2.350%	5.000%	1.680%
2029	5.000%	1.630%	5.000%	1.660%	4.000%	2.450%	5.000%	1.750%
2030	5.000%	1.700%	5.000%	1.740%	4.000%	2.550%	5.000%	1.850%
2031	5.000%	1.800%	5.000%	1.770%	4.000%	2.650%	5.000%	1.870%
2032	4.000%	1.900%	4.000%	1.970%	3.000%	2.750%	4.000%	2.160%
2033	3.000%	2.300%	4.000%	2.060%	3.000%	2.850%	4.000%	2.250%
2034	3.000%	2.350%	4.000%	2.180%	3.000%	3.000%	4.000%	2.320%
2035	3.000%	2.400%	3.000%	2.550%	3.250%	3.050%	4.000%	2.400%
2036	3.000%	2.450%	3.000%	2.650%	3.250%	3.100%	4.000%	2.450%
2037	3.000%	2.500%	3.000%	2.700%			4.000%	2.500%
2038			3.000%	2.750%	3.375%	3.200%	3.000%	3.000%
2039			3.000%	2.800%			3.000%	3.050%
2040			3.000%	2.850%	3.500%	3.300%	3.000%	3.100%
2041							3.000%	3.150%
2042			3.000%	3.000%	3.625%	3.400%		
2043								
2044								
2045							3.125%	3.300%
2046								
2047								
2048								
2049								
2050							3.250%	3.350%
2051								
2052								
	Callable March 15, 2031		Callable March 15, 2031		Callable March 15, 2031		Callable April 1, 2031	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 4

March 2022

MUNICIPALITY:	Lynn - Ser. A	Lynn - Ser. B	Northampton	Springfield
BANK QUALIFIED:	No	No	No	No
RATING:	AA	AA	AAA	AA
AMOUNT:	\$12,200,000	\$4,310,000	\$8,295,000	\$61,045,000
SALE DATE:	3/10/2022	3/10/2022	3/10/2022	3/10/2022
TERM:	30	20	10	30
TIC:	3.1451%	3.5927%	1.6503%	2.9950%
INSURANCE:	No	No	No	No
TERM BONDS:	Yes	Yes	No	Yes
TAXABLE:	No	Yes	No	No
BID:	104.3662	101.6395	111.2384	109.3415

\$ PREMIUM:	\$ 532,676	\$ 70,662	\$ 932,225	\$ 5,702,519
--------------------	------------	-----------	------------	--------------

	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					4.000%	1.000%		
2023	5.000%	1.070%	5.000%	1.500%	4.000%	1.160%	5.000%	1.000%
2024	5.000%	1.330%	5.000%	2.000%	4.000%	1.320%	5.000%	1.270%
2025	5.000%	1.440%	5.000%	2.150%	4.000%	1.420%	5.000%	1.400%
2026	5.000%	1.530%	5.000%	2.250%	4.000%	1.490%	5.000%	1.510%
2027	5.000%	1.610%	5.000%	2.350%	4.000%	1.580%	5.000%	1.600%
2028	5.000%	1.710%	5.000%	2.450%	4.000%	1.660%	5.000%	1.690%
2029	5.000%	1.790%	5.000%	2.550%	4.000%	1.710%	5.000%	1.770%
2030	5.000%	1.870%	5.000%	2.650%	4.000%	1.770%	5.000%	1.850%
2031	5.000%	1.920%	5.000%	2.750%	4.000%	1.820%	5.000%	1.890%
2032	4.000%	2.200%	3.000%	2.850%			5.000%	1.960%
2033	4.000%	2.320%	3.250%	3.000%			4.000%	2.070%
2034	4.000%	2.380%	3.250%	3.100%			4.000%	2.170%
2035	4.000%	2.450%	3.250%	3.150%			4.000%	2.250%
2036	4.000%	2.500%	3.375%	3.200%			4.000%	2.320%
2037	4.000%	2.550%					4.000%	2.400%
2038	3.000%	3.000%	3.500%	3.300%			4.000%	2.460%
2039	3.000%	3.050%					4.000%	2.480%
2040	3.000%	3.100%	3.625%	3.400%			4.000%	2.500%
2041	3.000%	3.150%					4.000%	2.520%
2042			3.750%	3.500%			4.000%	2.540%
2043								
2044	3.125%	3.250%						
2045								
2046								
2047							3.250%	3.339%
2048	3.250%	3.350%						
2049								
2050								
2051								
2052	3.250%	3.400%					3.250%	3.383%

Callable March 1, 2031

Callable March 1, 2031

Non-callable

Callable March 1, 2031

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 5

March 2022

MUNICIPALITY:	Dedham	Stockbridge	Dracut	North Attleborough
BANK QUALIFIED:	No	Yes	Yes	No
RATING:	AAA	AA+	AA	AA+
AMOUNT:	\$25,710,000	\$1,320,000	\$1,865,000	\$9,480,000
SALE DATE:	3/14/2022	3/21/2022	3/22/2022	3/23/2022
TERM:	30	18	20	20
TIC:	3.0149%	2.8161%	2.8161%	2.5822%
INSURANCE:	No	No	No	No
TERM BONDS:	Yes	Yes	Yes	Yes
TAXABLE:	No	No	No	No
BID:	105.4509	103.4860	109.9238	108.1730

\$ PREMIUM:	\$ 1,401,426	\$ 46,015	\$ 185,079	\$ 774,800
--------------------	--------------	-----------	------------	------------

	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								
2023	5.000%	1.200%	5.000%	1.300%	4.000%	1.320%	5.000%	1.430%
2024	5.000%	1.450%	5.000%	1.500%	4.000%	1.580%	5.000%	1.600%
2025	5.000%	1.550%	5.000%	1.600%	4.000%	1.680%	5.000%	1.700%
2026	5.000%	1.640%	5.000%	1.700%	4.000%	1.770%	5.000%	1.820%
2027	5.000%	1.720%	2.000%	1.800%	4.000%	1.870%	5.000%	1.910%
2028	5.000%	1.790%	2.000%	1.900%	5.000%	1.980%	5.000%	1.950%
2029	5.000%	1.860%	5.000%	2.000%	5.000%	2.090%	5.000%	2.070%
2030	5.000%	1.900%	5.000%	2.100%	5.000%	2.150%	4.000%	2.200%
2031	4.000%	1.930%	3.000%	2.250%	5.000%	2.250%	4.000%	2.250%
2032	2.500%	2.480%			4.000%	2.420%	4.000%	2.300%
2033	2.550%	2.530%			4.000%	2.500%		
2034	2.650%	2.630%	3.000%	2.500%	4.000%	2.550%	3.000%	2.800%
2035	2.750%	2.730%						
2036	2.850%	2.830%					3.000%	3.000%
2037	2.900%	2.880%	3.000%	2.750%	4.000%	2.650%		
2038	2.950%	2.930%					3.000%	3.100%
2039	3.000%	2.970%						
2040	3.050%	3.000%	3.000%	3.000%				
2041	3.050%	3.040%						
2042	3.100%	3.080%			3.250%	3.319%	3.125%	3.262%
2043	3.000%	3.100%						
2044	3.000%	3.150%						
2045	3.125%	3.200%						
2046	3.250%	3.250%						
2047	3.250%	3.300%						
2048								
2049								
2050								
2051								
2052	4.000%	3.010%						

Callable March 15, 2030

Callable April 1, 2030

Callable March 15, 2031

Callable April 1, 2029

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 6

March 2022

MUNICIPALITY:	Duxbury - Ser. A	Duxbury - Ser. B	Harvard	Somerville
BANK QUALIFIED:	Yes	No	Yes	No
RATING:	AAA	AAA	AAA	AA+
AMOUNT:	\$3,015,000	\$1,500,000	\$4,810,000	\$12,665,000
SALE DATE:	3/28/2022	3/28/2022	3/29/2022	3/29/2022
TERM:	20	15	20	20
TIC:	2.8530%	3.6819%	2.7716%	Not Available
INSURANCE:	No	No	No	No
TERM BONDS:	Yes	Yes	Yes	No
TAXABLE:	No	Yes	No	No
BID:	101.4791	101.4265	103.8129	Not Available
\$ PREMIUM:	\$ 44,595	\$ 21,398	\$ 183,400	Not Available

	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								
2023	4.000%	1.600%	5.000%	2.350%	4.000%	1.650%	5.000%	1.700%
2024	4.000%	1.800%	5.000%	2.650%	4.000%	1.850%	5.000%	1.900%
2025	4.000%	1.900%	5.000%	2.750%	4.000%	1.900%	5.000%	2.000%
2026	3.000%	2.000%	5.000%	2.900%	4.000%	2.000%	5.000%	2.070%
2027	3.000%	2.100%	5.000%	3.000%	4.000%	2.100%	5.000%	2.120%
2028	3.000%	2.150%	5.000%	3.100%	4.000%	2.140%	5.000%	2.140%
2029	3.000%	2.250%	4.500%	3.150%	4.000%	2.250%	5.000%	2.200%
2030	3.000%	2.350%	4.500%	3.200%	2.500%	2.300%	5.000%	2.250%
2031	3.000%	2.400%			5.000%	2.350%	5.000%	2.300%
2032	3.000%	2.500%	3.250%	3.250%	3.000%	2.500%	5.000%	2.350%
2033	3.000%	2.550%			3.000%	2.550%	4.000%	2.550%
2034	3.000%	2.600%	3.375%	3.375%			4.000%	2.650%
2035							4.000%	2.700%
2036	3.000%	2.700%					4.000%	2.750%
2037			3.625%	3.625%	3.000%	2.750%	4.000%	2.800%
2038	3.000%	2.800%					4.000%	2.850%
2039					3.000%	2.850%	4.000%	2.900%
2040							4.000%	2.950%
2041							4.000%	3.000%
2042	3.000%	3.000%			3.000%	3.000%	4.000%	3.050%
2043								
2044								
2045								
2046								
2047								
2048								
2049								
2050								
2051								
2052								
	Callable April 1, 2030		Callable April 1, 2030		Callable April 1, 2031		Callable April 1, 2029	

COMPARISON REOFFERING YIELDS (Massachusetts) - PAGE 7

March 2022

MUNICIPALITY:	Boston
BANK QUALIFIED:	No
RATING:	AAA / Aaa
AMOUNT:	\$335,215,000
SALE DATE:	3/30/2022
TERM:	20
TIC:	2.7796%
INSURANCE:	No
TERM BONDS:	No
TAXABLE:	No
BID:	118.3901

\$ PREMIUM:	\$ 61,646,374
--------------------	---------------

	Reoffering	
	<u>Coupon</u>	<u>Yield</u>
2022	5.000%	1.350%
2023	5.000%	1.690%
2024	5.000%	1.830%
2025	5.000%	1.920%
2026	5.000%	1.970%
2027	5.000%	2.000%
2028	5.000%	2.070%
2029	5.000%	2.110%
2030	5.000%	2.150%
2031	5.000%	2.210%
2032	5.000%	2.240%
2033	5.000%	2.310%
2034	5.000%	2.350%
2035	5.000%	2.400%
2036	5.000%	2.420%
2037	5.000%	2.450%
2038	5.000%	2.470%
2039	5.000%	2.490%
2040	5.000%	2.500%
2041	5.000%	2.510%
2042		
2043		
2044		
2045		
2046		
2047		
2048		
2049		
2050		
2051		
2052		

Callable Nov. 1, 2032

COMPARISON REOFFERING YIELDS (Connecticut and Maine) - PAGE 8

March 2022

MUNICIPALITY:	Newtown, CT	Lewiston, ME	New London, CT	Bristol, CT
BANK QUALIFIED:	Yes	No	No	No
RATING:	AAA	AA-	AA	AA+
AMOUNT:	\$8,430,000	\$11,040,000	\$13,800,000	\$25,500,000
SALE DATE:	3/2/2022	3/2/2022	3/3/2022	3/16/2022
TERM:	20	20	18	19
TIC:	2.2896%	2.3969%	2.7014%	2.6804%
INSURANCE:	No	No	No	No
TERM BONDS:	No	No	No	No
TAXABLE:	No	No	No	No
BID:	109.2546	107.7495	106.9474	106.9013

\$ PREMIUM:	\$ 780,163	\$ 855,545	\$ 958,741	\$ 1,759,832
--------------------	------------	------------	------------	--------------

	Reoffering		Reoffering		Reoffering		Reoffering	
	Coupon	Yield	Coupon	Yield	Coupon	Yield	Coupon	Yield
2022								
2023	4.000%	1.000%	5.000%	0.850%				
2024	4.000%	1.070%	5.000%	1.090%			5.000%	1.460%
2025	4.000%	1.250%	4.000%	1.190%	5.000%	1.290%	5.000%	1.560%
2026	4.000%	1.350%	3.000%	1.290%	5.000%	1.380%	5.000%	1.660%
2027	5.000%	1.410%	3.000%	1.350%	5.000%	1.440%	5.000%	1.750%
2028	5.000%	1.420%	3.000%	1.430%	5.000%	1.590%	5.000%	1.820%
2029	5.000%	1.480%	3.000%	1.520%	5.000%	1.650%	5.000%	1.900%
2030	5.000%	1.520%	5.000%	1.580%	5.000%	1.750%	5.000%	1.950%
2031	3.000%	1.700%	4.000%	1.670%	4.000%	1.850%	4.000%	2.020%
2032	3.000%	1.750%	4.000%	1.730%	4.000%	1.900%	4.000%	2.100%
2033	3.000%	1.800%	4.000%	1.840%	3.000%	2.150%	2.600%	2.580%
2034	3.000%	1.850%	3.000%	2.250%	3.000%	2.300%	2.700%	2.680%
2035	3.000%	1.900%	3.000%	2.350%	3.000%	2.400%	2.800%	2.780%
2036	3.000%	1.950%	3.000%	2.450%	3.000%	2.500%	2.900%	2.880%
2037	3.000%	2.050%	3.000%	2.500%	3.000%	2.550%	2.950%	2.930%
2038	3.000%	2.200%	3.000%	2.550%	3.000%	2.600%	3.000%	2.980%
2039	3.000%	2.250%	3.000%	2.600%	3.000%	2.700%	3.050%	3.020%
2040	3.000%	2.320%	3.000%	2.650%	3.000%	2.800%	3.100%	3.050%
2041	3.000%	2.340%	3.000%	2.700%	3.000%	2.900%	3.100%	3.090%
2042	3.000%	2.350%	3.000%	2.750%	3.000%	3.000%	3.150%	3.130%
2043								
2044								
2045								
2046								
2047								
2048								
2049								
2050								
2051								
2052								

	Callable March 15, 2030	Callable March 15, 2030	Callable March 15, 2029	Callable March 15, 2030
--	-------------------------	-------------------------	-------------------------	-------------------------

COMPARISON REOFFERING YIELDS (CT and ME) - PAGE 9

March 2022

MUNICIPALITY:	Middletown, CT
BANK QUALIFIED:	No
RATING:	AAA
AMOUNT:	\$16,100,000
SALE DATE:	3/30/2022
TERM:	10
TIC:	2.1706%
INSURANCE:	No
TERM BONDS:	No
TAXABLE:	No
BID:	116.7678

\$ PREMIUM: \$ 2,699,616

	Reoffering	
	<u>Coupon</u>	<u>Yield</u>
2022		
2023		
2024	5.000%	1.810%
2025	5.000%	1.930%
2026	5.000%	2.000%
2027	5.000%	2.040%
2028	5.000%	2.050%
2029	5.000%	2.100%
2030	5.000%	2.150%
2031	5.000%	2.200%
2032	5.000%	2.250%
2033	5.000%	2.300%
2034		
2035		
2036		
2037		
2038		
2039		
2040		
2041		
2042		
2043		
2044		
2045		
2046		
2047		
2048		
2049		
2050		
2051		
2052		
	Non-callable	