

MTA DEBT OUTSTANDING (\$ in Millions)

1/3/2020

Type of Credit	Underlying Ratings (Moody's / S&P / Fitch / Kroll)	Series	BPA Sale Date	Series Original Final Maturity	Principal Iss. Amount	Outstanding			Total Outstanding	TIC ¹	Notes
						Fixed Amount	Variable Amount	Synthetic Fixed Amount			
MTA Transportation Revenue Bonds (A1/A/AA-/AA+)		2002D	5/30/02	11/1/2032	400.000	174.725	-	200.000	374.725	4.35	
		2002G	11/20/02	11/1/2026	400.000	-	15.515	97.215	112.730	3.87	
		2003A	5/14/03	11/15/2032	475.340	69.695	-	-	69.695	4.49	
		2003B	8/13/03	11/15/2032	751.765	47.590	-	-	47.590	5.10	
		2005B	7/1/05	11/15/2035	750.000	122.735	-	-	122.735	4.80	
		2005D	11/2/05	11/1/2035	250.000	-	-	218.975	218.975	4.39	
		2005E	11/2/05	11/1/2035	250.000	-	87.605	131.445	219.050	3.27	
		2005G	12/7/05	11/1/2026	250.000	20.510	-	-	20.510	4.34	
		2006B	12/20/06	11/15/2036	717.730	72.645	-	-	72.645	4.52	
		2008B	2/21/08	11/15/2030	487.530	93.310	-	-	93.310	2.48	
		2009A	10/15/09	11/15/2039	502.320	375.815	-	-	375.815	3.79	
		2010A	1/13/10	11/15/2039	363.945	363.945	-	-	363.945	4.44	
		2010B	2/11/10	11/15/2039	656.975	586.380	-	-	586.380	4.29	
		2010C	7/7/10	11/15/2040	510.485	422.440	-	-	422.440	4.27	
		2010D	12/7/10	11/15/2040	754.305	17.550	-	-	17.550	5.15	
		2010E	12/29/10	11/15/2040	750.000	750.000	-	-	750.000	4.57	
		2011A	7/20/11	11/15/2046	400.440	11.945	-	-	11.945	4.95	
		2011B	9/14/11	11/1/2041	99.560	-	7.105	92.455	99.560	3.76	
		2011C	11/10/11	11/15/2028	197.950	105.580	-	-	105.580	3.99	
		2011D	12/7/11	11/15/2046	480.165	31.970	-	-	31.970	4.57	
		2012A	3/15/12	11/15/2042	150.000	50.000	100.000	-	150.000	2.07	
		2012B	3/15/12	11/15/2039	250.000	190.605	-	-	190.605	3.85	
		2012C	5/3/12	11/15/2047	727.430	389.615	-	-	389.615	4.22	
		2012D	8/20/12	11/15/2032	1,263.365	666.265	-	-	666.265	3.51	
		2012E	7/20/12	11/15/2042	650.000	294.545	-	-	294.545	3.91	
		2012F	9/28/12	11/15/2030	1,268.445	861.610	-	-	861.610	3.17	
		2012G	11/13/12	11/1/2032	359.450	-	-	356.375	356.375	4.16	
		2012H	11/15/12	11/15/2042	350.000	208.570	-	-	208.570	3.70	
		2013A	1/24/13	11/15/2043	500.000	272.415	-	-	272.415	3.79	
		2013B	4/2/13	11/15/2043	500.000	291.355	-	-	291.355	4.08	
		2013C	6/11/13	11/15/2043	500.000	302.705	-	-	302.705	4.25	
		2013D	7/11/13	11/15/2043	333.790	189.765	-	-	189.765	4.63	
		2013E	11/15/13	11/15/2043	500.000	323.655	-	-	323.655	4.64	
		2014A	2/28/14	11/15/2044	400.000	203.860	-	-	203.860	4.31	
		2014B	4/17/14	11/15/2044	500.000	388.585	-	-	388.585	4.38	
		2014C	6/26/14	11/15/2036	500.000	295.995	-	-	295.995	3.32	
		2014D	11/4/14	11/15/2044	500.000	295.455	165.000	-	460.455	3.17	
		2015A	1/22/15	11/15/2045	850.000	526.130	250.000	-	776.130	2.98	
		2015B	3/19/2015	11/15/2055	275.055	254.945	-	-	254.945	4.29	
		2015C	8/18/2015	11/15/2035	550.000	550.000	-	-	550.000	3.68	
		2015D	9/17/2015	11/15/2035	407.695	357.030	-	-	357.030	3.67	
		2015E	9/10/2015	11/15/2050	650.000	-	496.190	-	496.190	1.43	
		2015F	12/17/2015	11/15/2036	330.430	298.690	-	-	298.690	3.21	
		2016A	2/25/2016	11/15/2056	782.520	726.985	-	-	726.985	3.54	
		2016B	6/30/2016	11/15/2037	673.990	634.840	-	-	634.840	2.90	
		2016C	7/28/2016	11/15/2056	863.860	848.770	-	-	848.770	3.52	
		2015X-1 (RRIF LOAN - PTC)	9/20/2016	11/15/2037	146.472	134.727	-	-	134.727	2.38	
	2016D	10/26/2016	11/15/2035	645.655	565.940	-	-	565.940	2.87		
	2017A	3/16/2017	11/15/2057	325.585	320.270	-	-	320.270	3.77		
	2017B	9/28/2017	11/15/2028	662.025	662.025	-	-	662.025	1.98		
	2017C	12/14/2017	11/15/2040	2,021.462	2,172.935	-	-	2,172.935	3.12		
	2017D	12/21/2017	11/15/2047	643.095	643.095	-	-	643.095	3.51		
	2018A	1/23/2018	11/15/2048	472.310	472.310	-	-	472.310	1.91		
	2018B BANS	6/19/2018	5/15/2021	1,600.000	1,600.000	-	-	1,600.000	1.95		
	2018B	8/23/2018	11/15/2028	207.220	191.800	-	-	191.800	2.71		
	2018C BANS	10/10/2018	9/1/2021	900.000	900.000	-	-	900.000	2.29		
	2019A	2/6/2019	11/15/2048	454.150	454.150	-	-	454.150	4.16		
	2019A BANS	2/6/2019	2/3/2020	750.000	750.000	-	-	750.000	2.07		
	2015X-2 (RRIF LOAN - PTC)	5/1/2019	11/15/2037	300.000	284.062	-	-	284.062	2.38		
	2019B	5/14/2019	11/15/2052	177.185	177.185	-	-	177.185	3.83		
	2019B BANS	5/22/2019	5/15/2022	1,200.000	1,200.000	-	-	1,200.000	1.67		
	2019C BANS	7/12/2019	7/1/2020	300.000	300.000	-	-	300.000	1.49		
	2019C	8/14/2019	11/15/2049	422.430	422.430	-	-	422.430	3.39		
	2019D BANS	9/6/2019	9/1/2022	1,200.000	1,200.000	-	-	1,200.000	1.33		
	2019E BANS	10/16/2019	9/1/2020	600.000	600.000	-	-	600.000	1.45		
	2019D	11/7/2019	11/15/2048	241.745	241.745	-	-	241.745	3.62		
	2019F BANS	12/10/2019	11/15/2022	200.000	200.000	-	-	200.000	1.45		
				Total	37,553.874	26,181.898	1,121.415	1,096.465	28,399.778	3.09	
										WATIC	
TBTA General Revenue Bonds (Aa3/AA-/AA-/AA)		2001C	12/1/01	1/1/2032	148.200	-	85.370	10.000	95.370	2.27	
		2002F	11/13/02	11/1/2032	246.480	-	-	154.095	154.095	3.58	
		2003B	12/10/03	1/1/2033	250.000	-	112.020	34.205	146.225	2.18	
		2005A	5/11/05	11/1/2035	150.000	-	80.290	21.780	102.070	2.43	
		2005B	7/7/05	1/1/2032	800.000	-	-	564.900	564.900	3.91	
		2008B	3/27/08	11/15/2038	252.230	103.120	63.650	-	166.770	3.33	

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1/3/2020

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						Fixed Amount	Variable Amount	Synthetic Fixed Amount			
		2009A	2/18/09	11/15/2038	475.000	65.050	-	-	65.050	3.25	
		2009B	9/17/09	11/15/2039	200.000	200.000	-	-	200.000	3.63	
		2010A	10/28/10	11/15/2040	346.960	288.505	-	-	288.505	3.45	
		2011A	10/13/11	1/1/2028	609.430	49.680	-	-	49.680	3.59	
		2012A	6/6/12	11/15/2042	231.490	167.055	-	-	167.055	3.69	
		2012B	8/23/12	11/15/2032	1,236.898	989.810	-	-	989.810	2.66	
		2013B	1/29/13	11/15/2030	257.195	216.830	-	-	216.830	2.25	
		2013C	4/18/13	11/15/2043	200.000	145.955	-	-	145.955	3.71	
		2014A	2/6/14	11/15/2044	250.000	191.085	-	-	191.085	4.28	
		2015A	5/15/15	11/15/2050	225.000	192.950	-	-	192.950	4.18	
		2015B	11/16/15	11/15/2045	65.000	60.240	-	-	60.240	3.88	
		2016A	1/28/16	11/15/2046	541.240	505.575	-	-	505.575	3.24	
		2017A	1/19/17	11/15/2047	300.000	300.000	-	-	300.000	3.71	
		2017B	1/19/2017	11/15/2038	902.975	902.975	-	-	902.975	3.48	
		2017C	11/17/2017	11/15/2042	720.990	720.990	-	-	720.990	2.81	
		2018A	2/1/2018	11/15/2048	351.930	351.930	-	-	351.930	3.84	
		2018B	8/30/2018	11/15/2031	270.090	270.090	-	-	270.090	2.75	
		2018C	8/30/2018	11/15/2038	159.280	159.280	-	-	159.280	3.66	
		2018D	10/4/2018	11/15/2038	125.000	-	125.000	-	125.000	1.98	
		2018E Taxable	12/12/2018	11/15/2032	148.470	-	148.470	-	148.470	2.69	
		2019A	5/23/2019	11/15/2049	150.000	150.000	-	-	150.000	3.71	
		2019B Taxable	9/25/2019	11/15/2044	102.465	102.465	-	-	102.465	3.49	
		2019C	12/3/2019	11/15/2048	200.000	200.000	-	-	200.000	3.04	
					9,916.323	6,333.585	614.800	784.980	7,733.365	3.25	
										WATIC	
TBTA Subordinate Revenue Bonds (A1/A+/A+/AA-)		2002E	11/13/02	11/15/2032	756.095	70.585	-	-	70.585	5.34	
		2013A	01/29/13	11/15/2032	653.965	728.415	-	-	728.415	3.13	
		2013D Taxable	12/19/13	11/15/2025	165.505	137.370	-	-	137.370	3.89	
					1,575.565	936.370	-	-	936.370	3.41	
										WATIC	
MTA Dedicated Tax Fund Bonds (NAF/AA/AA/NAF)		2002B	9/5/02	11/1/2022	440.000	-	165.900	-	165.900	1.94	
		2004B	3/10/04	11/15/2028	500.000	33.460	-	-	33.460	4.51	
		2008A	6/25/08	11/1/2031	352.915	-	4.965	304.000	308.965	4.09	
		2008B	8/7/08	11/1/2034	348.175	209.880	44.740	-	254.620	2.93	
		2009C	4/30/09	11/15/2039	750.000	750.000	-	-	750.000	4.89	
		2010A	3/25/10	11/15/2040	502.990	422.825	-	-	422.825	3.91	
		2011A	3/31/11	11/15/2021	127.450	22.530	-	-	22.530	2.99	
		2012A	10/25/12	11/15/2032	959.466	935.445	-	-	935.445	3.07	
		2016A	3/10/16	11/15/2036	579.955	569.645	-	-	569.645	2.98	
		2016B	5/26/16	11/15/2056	588.305	574.765	-	-	574.765	3.37	
		2017A	2/23/17	11/15/2047	312.825	306.785	-	-	306.785	3.97	
		2017B	5/17/17	11/15/2057	680.265	679.250	-	-	679.250	3.56	
		2019A BANS	3/19/19	3/1/2022	750.000	750.000	-	-	750.000	1.86	
					6,892.346	5,254.585	215.605	304.000	5,774.190	3.36	
										WATIC	
		All MTA Total			55,938.107	38,706.438	1,951.820	2,185.445	42,843.703	3.16	
MTA Special Obligation Bonds		2014 Taxable	8/14/14	7/1/2026	348.910	214.665	-	-	214.665	2.66	
Aaa					348.910	214.665	-	-	214.665	2.66	
										WATIC	
MTA Hudson Rail Yards Trust Obligations²		2016A	9/22/16	11/15/2056	1,057.430	871.745	-	-	871.745	4.28	
(A2/NAF/NAF/A-)					1,057.430	871.745	-	-	871.745	4.28	
										WATIC	
		Grand Total			57,344.447	39,792.848	1,951.820	2,185.445	43,930.113	3.18	

Notes

- (1) Fixed Rate TICs calculated as of issuance of Fixed Rate Bonds. Floating Rate TICs calculated from inception including fees. Any Unhedged Variable Rate Bonds that have been fixed to maturity are carried at the new Fixed Rate TIC. Synthetic Fixed Rate TICs include average swap rates plus current variable rate fees and estimated basis adjustments for life of swap. Synthetic Fixed Rate TICs do not include benefit of any upfront payments received by MTA. Variable Rate TICs include average remarketed plus current variable rate fees.
- (2) Assumes that no fee purchase options are exercised thru maturity. If all of the fee purchase options are exercised within 10 years, the All-in TIC would be 2.74%.