

Global ID	Local ID	Domestic No.	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
RPTB 0 11/10/21	RPTB 0 11/10/21	PIBL1220K454	-	11/11/2020	11/10/2021	1	0.00	-	-	-	-	-
RPTB 0 11/17/21	RPTB 0 11/17/21	PIBL1220K463	-	11/18/2020	11/17/2021	8	0.02	129.090000	10:19:51 AM	1.0500	1.0500	1.0636
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.7500	11/24/2011	11/24/2021	15	0.04	-	-	-	-	1.3338
RPTB 0 11/24/21	RPTB 0 11/24/21	PIBL1220K472	-	11/25/2020	11/24/2021	15	0.04	2883.730000	11:18:19 AM	1.0600	1.0615	1.0611
RPTB 0 12/01/21	RPTB 0 12/01/21	PIBL1220L480	-	12/2/2020	12/1/2021	22	0.06	2011.422000	2:52:00 PM	1.0600	1.0998	1.1225
RPTB 0 12/07/21	RPTB 0 12/07/21	PIBL1220L499	-	12/9/2020	12/7/2021	28	0.08	6.160000	2:04:45 PM	1.0700	1.0666	1.0915
RPTB 0 12/15/21	RPTB 0 12/15/21	PIBL1220L505	-	12/16/2020	12/15/2021	36	0.10	61.060000	11:52:39 AM	1.0650	1.0652	1.0636
RPTB 0 12/22/21	RPTB 0 12/22/21	PIBL0621F021	-	6/23/2021	12/22/2021	43	0.12	10.500000	2:45:51 PM	1.1000	1.1000	1.0899
RPTB 0 12/29/21	RPTB 0 12/29/21	PIBL0621F030	-	6/30/2021	12/29/2021	50	0.14	1100.528000	3:34:15 PM	1.0685	1.0744	1.0717
RPTB 0 01/05/22	RPTB 0 01/05/22	PIBL1221A015	-	1/6/2021	1/5/2022	57	0.16	54.701000	2:47:16 PM	1.1000	1.1046	1.1278
RPTB 0 01/12/22	RPTB 0 01/12/22	PIBL1221A024	-	1/13/2021	1/12/2022	64	0.18	254.910600	3:36:07 PM	1.0895	1.1407	1.1424
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.3750	7/19/2011	1/19/2022	71	0.19	3.000000	2:43:57 PM	1.3000	1.3000	1.2100
RPTB 0 01/19/22	RPTB 0 01/19/22	PIBL1221A033	-	1/20/2021	1/19/2022	71	0.19	267.816000	3:30:35 PM	1.1650	1.1375	1.1471
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4.0000	1/26/2017	1/26/2022	78	0.21	277.000000	3:23:41 PM	1.4700	1.4700	1.4670
RPTB 0 01/26/22	RPTB 0 01/26/22	PIBL1221A042	-	1/27/2021	1/26/2022	78	0.21	119.352600	3:47:41 PM	1.1500	1.1319	1.1281
RPTB 0 02/02/22	RPTB 0 02/02/22	PIBL1221B050	-	2/3/2021	2/2/2022	85	0.23	19.960000	11:22:49 AM	1.1300	1.1355	1.1318
RPTB 0 02/09/22	RPTB 0 02/09/22	PIBL1221B069	-	2/10/2021	2/9/2022	92	0.25	1173.666000	3:45:16 PM	1.1800	1.1518	1.1574
RPTB 0 02/16/22	RPTB 0 02/16/22	PIBL1221B078	-	2/17/2021	2/16/2022	99	0.27	60.085000	3:44:16 PM	1.1600	1.1539	1.1849
RPTB 0 02/23/22	RPTB 0 02/23/22	PIBL1221B087	-	2/24/2021	2/23/2022	106	0.29	-	-	-	-	1.2528
RPTB 0 03/02/22	RPTB 0 03/02/22	PIBL1221C095	-	3/3/2021	3/2/2022	113	0.31	285.500000	2:08:23 PM	1.3000	1.2989	1.3252
RPTB 0 03/09/22	RPTB 0 03/09/22	PIBL1221C102	-	3/10/2021	3/9/2022	120	0.33	253.910000	2:08:24 PM	1.3150	1.3158	1.3090
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15.0000	3/14/2002	3/14/2022	125	0.34	-	-	-	-	1.1613
RPTB 0 03/16/22	RPTB 0 03/16/22	PIBL1221C111	-	3/17/2021	3/16/2022	127	0.35	20.000000	3:42:36 PM	1.3700	1.3700	1.3769
RPTB 0 03/23/22	RPTB 0 03/23/22	PIBL1221C120	-	3/24/2021	3/23/2022	134	0.37	218.896200	3:58:02 PM	1.3700	1.3707	1.3765
RPTB 0 03/30/22	RPTB 0 03/30/22	PIBL1221C139	-	3/31/2021	3/30/2022	141	0.39	-	-	-	-	1.4253
RPTB 0 04/06/22	RPTB 0 04/06/22	PIBL1221D147	-	4/7/2021	4/6/2022	148	0.41	0.250000	11:41:33 AM	1.3750	1.3750	1.4107
RPTB 0 04/13/22	RPTB 0 04/13/22	PIBL1221D156	-	4/14/2021	4/13/2022	155	0.42	382.535000	3:20:09 PM	1.3650	1.3748	1.3736
RPTB 0 04/20/22	RPTB 0 04/20/22	PIBL1221D165	-	4/21/2021	4/20/2022	162	0.44	571.792000	2:24:17 PM	1.3950	1.3995	1.4029
RPTB 0 04/27/22	RPTB 0 04/27/22	PIBL1221D174	-	4/28/2021	4/27/2022	169	0.46	57.009000	3:11:41 PM	1.4000	1.4320	1.3940
RPTB 0 05/04/22	RPTB 0 05/04/22	PIBL1221E182	-	5/5/2021	5/4/2022	176	0.48	11.282000	3:43:33 PM	1.4000	1.4024	1.4043
RPTB 0 05/11/22	RPTB 0 05/11/22	PIBL1221E191	-	5/12/2021	5/11/2022	183	0.50	558.942400	3:04:15 PM	1.4150	1.4135	1.4154
RPTB 0 05/18/22	RPTB 0 05/18/22	PIBL1221E208	-	5/19/2021	5/18/2022	190	0.52	155.938000	2:37:40 PM	1.4500	1.4410	1.4693
RPTB 0 05/25/22	RPTB 0 05/25/22	PIBL1221E217	-	5/26/2021	5/25/2022	197	0.54	32.702000	2:16:43 PM	1.4650	1.5462	1.5032
RPTB 0 06/01/22	RPTB 0 06/01/22	PIBL1221F225	-	6/2/2021	6/1/2022	204	0.56	2.600000	2:17:17 PM	1.5500	1.4875	1.4932

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RPTB 0 06/08/22	RPTB 0 06/08/22	PIBL1221F234	-	6/9/2021	6/8/2022	211	0.58	5.030000	11:11:44 AM	1.5000	1.4960	1.4825
RPTB 0 06/15/22	RPTB 0 06/15/22	PIBL1221F243	-	6/16/2021	6/15/2022	218	0.60	4.500000	10:00:35 AM	1.5000	1.5000	1.5111
RPTB 0 06/22/22	RPTB 0 06/22/22	PIBL1221F252	-	6/23/2021	6/22/2022	225	0.62	-	-	-	-	1.5408
RPTB 0 06/29/22	RPTB 0 06/29/22	PIBL1221F261	-	6/30/2021	6/29/2022	232	0.64	-	-	-	-	1.5242
RPGB 4 3/4 07/04/22	FXTN 03-24	PIBD0322G247	4.7500	7/4/2019	7/4/2022	237	0.65	10.500000	3:55:06 PM	1.6200	1.6200	1.4525
RPTB 0 07/06/22	RPTB 0 07/06/22	PIBL1221G279	-	7/7/2021	7/6/2022	239	0.65	2.023000	11:55:10 AM	1.5500	1.5500	1.5501
RPTB 0 07/13/22	RPTB 0 07/13/22	PIBL1221G288	-	7/14/2021	7/13/2022	246	0.67	102.089000	2:43:16 PM	1.5650	1.5650	1.5604
RPTB 0 07/20/22	RPTB 0 07/20/22	PIBL1221G297	-	7/21/2021	7/20/2022	253	0.69	50.504000	11:57:41 AM	1.5500	1.5501	1.5519
RPTB 0 07/27/22	RPTB 0 07/27/22	PIBL1221G304	-	7/28/2021	7/27/2022	260	0.71	57.000000	11:57:37 AM	1.5550	1.5562	1.5550
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.8750	8/2/2012	8/2/2022	266	0.73	-	-	-	-	1.6952
RPTB 0 08/03/22	RPTB 0 08/03/22	PIBL1221H312	-	8/4/2021	8/3/2022	267	0.73	27.000000	10:55:30 AM	1.5600	1.5600	1.5570
RPTB 0 08/10/22	RPTB 0 08/10/22	PIBL1221H321	-	8/11/2021	8/10/2022	274	0.75	122.840000	3:39:56 PM	1.5500	1.5672	1.5663
RPTB 0 08/17/22	RPTB 0 08/17/22	PIBL1221H330	-	8/18/2021	8/17/2022	281	0.77	86.450000	11:38:44 AM	1.5850	1.5831	1.5936
RPTB 0 08/24/22	RPTB 0 08/24/22	PIBL1221H349	-	8/25/2021	8/24/2022	288	0.79	0.200000	10:05:57 AM	1.5650	1.5650	1.5877
RPTB 0 08/31/22	RPTB 0 08/31/22	PIBL1221I357	-	9/1/2021	8/31/2022	295	0.81	2.000000	11:36:33 AM	1.5500	1.5500	1.6000
RPTB 0 09/07/22	RPTB 0 09/07/22	PIBL1221I366	-	9/8/2021	9/7/2022	302	0.83	-	-	-	-	1.6030
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.7500	9/13/2012	9/13/2022	308	0.84	-	-	-	-	1.9418
RPTB 0 09/14/22	RPTB 0 09/14/22	PIBL1221I375	-	9/15/2021	9/14/2022	309	0.85	11.467300	11:36:31 AM	1.5775	1.5775	1.6058
RPTB 0 09/21/22	RPTB 0 09/21/22	PIBL1221I384	-	9/22/2021	9/21/2022	316	0.87	55.060000	3:01:30 PM	1.5700	1.5700	1.5700
RPTB 0 09/28/22	RPTB 0 09/28/22	PIBL1221I393	-	9/29/2021	9/28/2022	323	0.88	37.254900	3:17:48 PM	1.5900	1.5810	1.6182
RPTB 0 10/05/22	RPTB 0 10/05/22	PIBL1221J409	-	10/6/2021	10/5/2022	330	0.90	42.350000	2:44:25 PM	1.6000	1.5989	1.6213
RPTB 0 10/12/22	RPTB 0 10/12/22	PIBL1221J418	-	10/13/2021	10/12/2022	337	0.92	52.182000	2:17:00 PM	1.5850	1.5859	1.5881
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.7500	10/17/2002	10/17/2022	342	0.94	-	-	-	-	1.8237
RPTB 0 10/19/22	RPTB 0 10/19/22	PIBL1221J427	-	10/20/2021	10/19/2022	344	0.94	1.510100	11:43:43 AM	1.6000	1.6033	1.6155
RPTB 0 10/26/22	RPTB 0 10/26/22	PIBL1221J436	-	10/27/2021	10/26/2022	351	0.96	-	-	-	-	1.7034
RPTB 0 11/02/22	RPTB 0 11/02/22	PIBL1221K443	-	11/3/2021	11/2/2022	358	0.98	11.500000	3:13:28 PM	1.6400	1.6222	1.6679
RPTB 0 11/09/22	RPTB 0 11/09/22	PIBL1221K452	-	11/10/2021	11/9/2022	365	1.00	289.759145	3:44:05 PM	1.6100	1.6110	1.6210
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.6250	12/4/2017	12/4/2022	390	1.07	3.280000	2:35:05 PM	2.1000	2.0991	1.9201
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4.0000	12/6/2012	12/6/2022	392	1.07	1.250000	3:37:35 PM	2.1500	2.1500	1.8940
RPGB 4 3/8 02/11/23	RTB 03-10	PIID0323B101	4.3750	2/11/2020	2/11/2023	459	1.26	2334.202000	3:42:16 PM	2.2000	2.0859	2.0770
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13.0000	2/20/2003	2/20/2023	468	1.28	-	-	-	-	2.0251
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5000	3/8/2018	3/8/2023	484	1.33	500.000000	11:39:51 AM	2.0750	2.0750	2.0681
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5000	4/21/2016	4/21/2023	528	1.45	529.130000	3:48:12 PM	2.2105	2.1055	2.0927
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.8750	5/29/2003	5/29/2023	566	1.55	-	-	-	-	2.1797

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RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.2500	8/15/2013	8/15/2023	644	1.76	0.930000	2:47:38 PM	2.4500	2.4108	2.2733
RPGB 2 3/8 09/10/23	FXTN 03-25	PIBD0323I252	2.3750	9/10/2020	9/10/2023	670	1.83	20.000000	3:01:44 PM	2.2800	2.2800	2.1915
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.3750	10/23/2003	10/23/2023	713	1.95	-	-	-	-	2.4116
RPGB 2 3/8 03/09/24	RTB 03-11	PIID0324C115	2.3750	3/9/2021	3/9/2024	851	2.33	2704.189000	3:46:10 PM	2.6700	2.6666	2.6597
RPGB 6 1/4 03/12/24	RTB 05-12	PIID0524C129	6.2500	3/12/2019	3/12/2024	854	2.34	580.815000	2:42:42 PM	2.6000	2.6693	2.6507
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5000	4/20/2017	4/20/2024	893	2.45	1.000000	3:19:58 PM	2.8800	2.8800	2.6846
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.3750	6/3/2004	6/3/2024	937	2.57	-	-	-	-	2.7568
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.8750	8/5/2004	8/5/2024	1,000	2.74	-	-	-	-	2.8537
RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.1250	8/20/2014	8/20/2024	1,015	2.78	1.940000	3:29:45 PM	3.0000	3.0000	2.8664
RPGB 4 1/4 10/17/24	FXTN 05-76	PIBD0524J762	4.2500	10/17/2019	10/17/2024	1,073	2.94	-	-	-	-	2.7889
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.7500	11/11/2004	11/11/2024	1,098	3.01	-	-	-	-	3.0042
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.7500	4/12/2018	4/12/2025	1,250	3.42	2.000000	3:23:11 PM	3.3000	3.3000	3.2262
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.1250	4/14/2005	4/14/2025	1,252	3.43	-	-	-	-	3.2249
RPGB 2 5/8 08/12/25	RTB 05-13	PIID0525H130	2.6250	8/12/2020	8/12/2025	1,372	3.76	753.000000	3:59:48 PM	3.5050	3.4418	3.4517
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.6250	9/9/2015	9/9/2025	1,400	3.83	50.000000	3:42:10 PM	3.5400	3.5400	3.4220
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.1250	10/20/2005	10/20/2025	1,441	3.95	-	-	-	-	3.4957
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.2500	11/29/2000	11/29/2025	1,481	4.06	-	-	-	-	3.5487
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.2500	1/19/2006	1/19/2026	1,532	4.19	-	-	-	-	3.6109
RPGB 6 1/4 02/14/26	FXTN 07-62	PIBD0726B627	6.2500	2/14/2019	2/14/2026	1,558	4.27	-	-	-	-	3.9418
RPGB 3 3/8 04/08/26	FXTN 05-77	PIBD0526D772	3.3750	4/8/2021	4/8/2026	1,611	4.41	2918.600000	3:56:01 PM	4.2200	4.1943	4.2250
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5000	9/20/2016	9/20/2026	1,776	4.86	2.050000	3:10:05 PM	3.9000	3.9085	3.9029
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.2500	10/20/2011	10/20/2026	1,806	4.95	-	-	-	-	3.9449
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8.0000	12/7/2006	12/7/2026	1,854	5.08	-	-	-	-	4.0077
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.3750	3/1/2012	3/1/2027	1,938	5.31	-	-	-	-	4.0722
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.7500	5/4/2017	5/4/2027	2,002	5.48	124.600000	3:55:22 PM	4.2985	4.2911	4.2833
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.6250	9/6/2007	9/6/2027	2,127	5.82	-	-	-	-	4.2611
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.2500	3/22/2018	3/22/2028	2,325	6.37	-	-	-	-	4.3430
RPGB 3 5/8 04/22/28	FXTN 07-64	PIBD0728D649	3.6250	4/22/2021	4/22/2028	2,356	6.45	631.000000	2:54:27 PM	4.4050	4.3818	4.3978
RPGB 3 3/4 08/12/28	FXTN 07-65	PIBD0728H654	3.7500	8/12/2021	8/12/2028	2,468	6.76	74.876000	3:02:12 PM	4.2500	4.3465	4.4122
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5000	12/4/2008	12/4/2028	2,582	7.07	-	-	-	-	4.5043
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.8750	1/10/2019	1/10/2029	2,619	7.17	-	-	-	-	4.5145
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.7500	5/27/2010	5/27/2030	3,121	8.55	-	-	-	-	4.8027
RPGB 2 7/8 07/09/30	FXTN 10-65	PIBD1030G655	2.8750	7/9/2020	7/9/2030	3,164	8.66	-	-	-	-	4.8273
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5000	7/28/2005	7/28/2030	3,183	8.72	-	-	-	-	4.8290

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RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.2500	1/26/2006	1/26/2031	3,365	9.21	-	-	-	-	4.9046
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8.0000	7/19/2011	7/19/2031	3,539	9.69	-	-	-	-	4.8765
RPGB 4 07/22/31	FXTN 10-66	PIBD1031G662	4.0000	7/22/2021	7/22/2031	3,542	9.70	165.000000	2:54:04 PM	5.1750	5.2205	5.2234
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.3750	10/5/2006	10/5/2031	3,617	9.90	-	-	-	-	4.9830
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.8750	2/2/2012	2/2/2032	3,737	10.23	-	-	-	-	5.0292
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.8750	3/1/2012	3/1/2032	3,765	10.31	-	-	-	-	5.0572
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.7500	9/27/2012	9/27/2032	3,975	10.88	-	-	-	-	5.0542
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5000	11/29/2007	11/29/2032	4,038	11.06	-	-	-	-	5.0597
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.6250	3/21/2013	3/21/2033	4,150	11.36	23.681000	3:54:10 PM	4.9975	4.9975	5.0635
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.2500	11/5/2009	11/5/2034	4,744	12.99	-	-	-	-	5.0833
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8.0000	9/30/2010	9/30/2035	5,073	13.89	-	-	-	-	5.0825
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.1250	12/16/2010	12/16/2035	5,150	14.10	-	-	-	-	5.1114
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.6250	9/29/2011	9/29/2036	5,438	14.89	-	-	-	-	5.0866
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.2500	5/18/2017	5/18/2037	5,669	15.52	-	-	-	-	5.0903
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.7500	8/16/2012	8/16/2037	5,759	15.77	-	-	-	-	5.0918
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.1250	10/24/2012	10/24/2037	5,828	15.96	8.780000	11:24:52 AM	5.2000	5.0882	5.0666
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5000	2/22/2018	2/22/2038	5,949	16.29	-	-	-	-	5.0843
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.7500	1/24/2019	1/24/2039	6,285	17.21	-	-	-	-	5.0963
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.6250	9/9/2015	9/9/2040	6,879	18.83	1004.000000	3:23:23 PM	5.0700	5.0949	5.0950
RPGB 5 1/8 07/15/41	FXTN 20-24	PIBD2041G241	5.1250	7/15/2021	7/15/2041	7,188	19.68	-	-	-	-	5.0861