

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 01/23/19	RPTB 0 01/23/19	PIBL0618G124	-	7/25/2018	1/23/2019	2	0.005	-	-	-	-	-
RPTB 0 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	9	0.025	16.40	11:58:41 AM	4.8000	4.8494	4.601
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	16	0.044	-	-	-	-	5.437
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	23	0.063	7.00	11:37:05 AM	4.9000	4.9000	5.286
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	29	0.079	7.00	2:35:50 PM	5.5000	5.5000	5.392
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	30	0.082	12.50	3:02:58 PM	4.9000	4.9480	5.447
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	37	0.101	1.00	10:58:49 AM	5.0000	5.0000	5.431
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	44	0.12	-	-	-	-	5.177
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	51	0.14	-	-	-	-	5.514
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	58	0.159	-	-	-	-	5.467
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	65	0.178	20.00	11:27:29 AM	5.3750	5.3750	5.512
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	72	0.197	4.00	10:57:15 AM	5.1000	5.1000	5.316
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	79	0.216	1.20	2:47:34 PM	5.1000	5.1000	5.372
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	86	0.235	360.84	3:41:12 PM	5.1400	5.2301	5.262
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	93	0.255	1.84	3:27:52 PM	5.5000	5.5000	5.612
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	95	0.26	-	-	-	-	6.806
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	99	0.271	30.71	2:45:37 PM	5.2500	5.2009	5.441
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	107	0.293	10.44	10:36:10 AM	5.7500	5.7500	6.334
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	114	0.312	0.36	9:31:39 AM	5.7500	5.7500	6.283
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	121	0.331	-	-	-	-	6.278
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	128	0.35	753.19	3:31:58 PM	5.7000	5.7466	5.769
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	135	0.37	-	-	-	-	6.284
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	141	0.386	24.45	3:23:56 PM	5.7000	5.7359	6.156
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	149	0.408	-	-	-	-	6.271
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	156	0.427	15.50	11:02:47 AM	5.7750	5.7460	6.300
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	163	0.446	-	-	-	-	6.498
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	170	0.465	168.28	3:17:40 PM	5.9500	5.7549	5.913
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	177	0.485	458.93	2:33:33 PM	5.6500	5.8565	5.840
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	179	0.49	1.03	2:42:22 PM	5.9750	5.9556	6.164
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	184	0.504	5.93	3:43:15 PM	5.8000	5.8169	5.878
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	191	0.523	13.22	3:21:10 PM	5.9000	5.9146	6.015
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	198	0.542	14.27	3:15:50 PM	5.8000	5.8228	6.196
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	205	0.561	0.51	2:43:46 PM	5.8250	5.8250	6.180
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	211	0.578	30.00	3:27:45 PM	5.9250	5.8233	6.292
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	219	0.6	61.66	3:04:51 PM	5.7000	5.9234	6.145
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	221	0.605	-	-	-	-	6.116
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	226	0.619	98.74	3:38:33 PM	5.8250	5.9338	6.010
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	233	0.638	145.97	3:05:51 PM	5.8250	5.9412	5.950
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	240	0.657	-	-	-	-	6.437
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	254	0.695	-	-	-	-	6.442
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	261	0.715	2.07	9:31:52 AM	6.0000	6.0000	6.109
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	268	0.734	1.00	3:03:27 PM	5.9500	5.9500	6.596

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RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	275	0.753	101.00	11:57:31 AM	5.8750	5.8743	6.000
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	282	0.772	27.40	2:59:42 PM	5.8550	5.8881	6.293
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	289	0.791	146.53	3:43:56 PM	5.9000	5.9409	5.957
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	296	0.81	3.04	2:40:06 PM	5.8500	5.8566	6.167
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	303	0.83	1716.79	3:57:03 PM	5.9200	5.9666	5.967
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	305	0.835	2321.57	3:41:09 PM	6.0200	6.0015	5.997
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	310	0.849	-	-	-	-	6.152
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	317	0.868	139.64	3:37:33 PM	5.9250	5.9245	5.925
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	324	0.887	5.96	3:00:48 PM	5.9000	5.9182	6.240
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	352	0.964	17.99	3:11:47 PM	5.9000	5.9241	6.207
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	356	0.975	120.02	2:39:46 PM	6.0000	6.0000	6.048
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	359	0.983	21.22	3:04:55 PM	5.8750	5.9077	6.167
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	393	1.076	-	-	-	-	6.206
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	446	1.221	247.71	3:42:28 PM	6.2000	6.0482	6.054
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	576	1.577	-	-	-	-	6.191
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	577	1.58	21.12	3:32:53 PM	6.1250	6.1680	6.168
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	604	1.654	-	-	-	-	6.284
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	695	1.903	-	-	-	-	6.452
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	735	2.012	-	-	-	-	6.193
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	772	2.114	-	-	-	-	6.079
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	789	2.16	4.92	2:48:59 PM	6.1300	6.1016	6.175
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	828	2.267	-	-	-	-	6.734
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	874	2.393	277.03	3:32:01 PM	6.1000	6.1000	6.100
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1003	2.746	-	-	-	-	6.174
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1038	2.842	-	-	-	-	6.332
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1094	2.995	35.08	11:40:55 AM	6.1700	6.1700	6.632
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1101	3.014	0.15	2:41:49 PM	6.1800	6.1800	6.257
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1148	3.143	-	-	-	-	5.753
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1289	3.529	-	-	-	-	6.551
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1331	3.644	-	-	-	-	6.463
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1365	3.737	-	-	-	-	6.370
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1413	3.869	15.75	3:45:34 PM	6.2500	6.1894	6.199
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1415	3.874	-	-	-	-	6.358
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1491	4.082	-	-	-	-	6.380
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1507	4.126	2450.75	3:32:21 PM	6.2500	6.2265	6.231
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1551	4.246	50.00	11:21:26 AM	6.2500	6.2500	6.241
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1589	4.35	-	-	-	-	6.384
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1667	4.564	4.12	3:46:38 PM	6.6000	6.3568	6.356
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1736	4.753	-	-	-	-	6.402
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1916	5.246	-	-	-	-	6.360
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1960	5.366	-	-	-	-	6.326
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2023	5.539	-	-	-	-	6.429

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2038	5.58	-	-	-	-	6.537
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2121	5.807	-	-	-	-	6.429
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2273	6.223	1672.51	3:30:46 PM	6.3000	6.2688	6.285
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2275	6.229	-	-	-	-	6.404
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2423	6.634	-	-	-	-	6.306
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2464	6.746	-	-	-	-	6.419
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2504	6.856	-	-	-	-	6.429
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2555	6.995	-	-	-	-	6.434
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2799	7.663	68.10	3:43:33 PM	6.6500	6.4251	6.414
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2829	7.745	10.90	11:44:39 AM	6.4000	6.4145	6.472
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2877	7.877	-	-	-	-	6.437
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2961	8.107	0.60	3:49:58 PM	6.7500	6.7500	6.468
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3025	8.282	9.00	10:34:06 AM	6.4000	6.4000	6.427
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3150	8.624	-	-	-	-	6.649
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3348	9.166	1993.90	3:58:13 PM	6.4150	6.4215	6.467
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3605	9.87	-	-	-	-	6.524
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3642	9.971	1824.28	3:57:51 PM	6.4750	6.4411	6.479
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4144	11.346	-	-	-	-	6.540
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4206	11.515	-	-	-	-	6.601
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4388	12.014	-	-	-	-	6.519
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4562	12.49	216.04	3:47:56 PM	6.5000	6.4573	6.487
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4640	12.704	-	-	-	-	6.474
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4760	13.032	21.00	10:28:09 AM	6.4850	6.4850	6.496
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4788	13.109	17.00	10:31:03 AM	6.4850	6.4850	6.788
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	4998	13.684	-	-	-	-	6.539
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5061	13.856	-	-	-	-	6.543
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5173	14.163	64.89	2:59:33 PM	6.6000	6.5787	6.600
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5767	15.789	-	-	-	-	6.614
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6096	16.69	-	-	-	-	6.648
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6173	16.901	-	-	-	-	6.631
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6461	17.689	-	-	-	-	6.703
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6692	18.322	-	-	-	-	6.739
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6782	18.568	-	-	-	-	6.752
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6851	18.757	1.67	2:26:01 PM	7.0500	6.9250	6.804
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6972	19.088	-	-	-	-	6.779
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7902	21.635	-	-	-	-	6.882