

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 01/09/19	RPTB 0 01/09/19	PIBL0618G115	-	7/11/2018	1/9/2019	1	0.003	-	-	-	-	-
RPTB 0 01/16/19	RPTB 0 01/16/19	PIBL1218A011	-	1/17/2018	1/16/2019	8	0.022	5.01	10:59:17 AM	5.0250	5.0250	5.047
RPTB 0 01/23/19	RPTB 0 01/23/19	PIBL0618G124	-	7/25/2018	1/23/2019	15	0.041	-	-	-	-	5.459
RPTB 0 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	22	0.06	50.83	3:45:48 PM	5.1000	4.9204	5.456
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	29	0.079	6.52	10:59:51 AM	5.0500	5.0846	5.611
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	36	0.099	10.04	10:42:02 AM	5.1250	5.1250	5.582
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	42	0.115	-	-	-	-	6.438
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	43	0.118	-	-	-	-	5.457
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	50	0.137	-	-	-	-	5.481
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	57	0.156	0.83	10:30:00 AM	5.0500	5.0500	5.210
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	64	0.175	-	-	-	-	5.496
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	71	0.194	-	-	-	-	5.573
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	78	0.214	0.21	10:39:53 AM	5.1000	5.1000	5.496
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	85	0.233	-	-	-	-	5.615
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	92	0.252	2414.23	3:58:39 PM	5.4050	5.4118	5.411
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	99	0.271	6.09	3:48:00 PM	5.4050	5.4140	5.799
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	106	0.29	15.85	3:52:09 PM	5.5000	5.5000	5.911
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	108	0.296	-	-	-	-	6.480
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	112	0.307	116.22	2:50:41 PM	5.4700	6.1983	6.169
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	120	0.329	1.11	2:32:40 PM	5.7500	5.7500	6.250
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	127	0.348	127.96	3:33:49 PM	6.1550	6.1580	6.281
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	134	0.367	13.55	10:44:55 AM	5.8000	6.2620	6.304
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	141	0.386	20.97	3:29:10 PM	6.4100	6.3948	6.416
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	148	0.405	1004.30	3:04:16 PM	6.5000	6.4999	6.512
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	154	0.422	550.20	3:30:04 PM	6.5000	6.5000	6.457
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	162	0.444	-	-	-	-	6.660
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	169	0.463	118.62	2:56:51 PM	6.4750	6.4957	6.520
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	176	0.482	-	-	-	-	6.694
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	183	0.501	1215.20	3:52:44 PM	6.4500	6.4471	6.479
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	190	0.52	56.00	3:46:31 PM	6.6000	6.6170	6.625
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	192	0.526	-	-	-	-	7.066
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	197	0.539	451.38	2:31:44 PM	6.4550	6.6403	6.636
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	204	0.559	-	-	-	-	6.433
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	211	0.578	1.84	3:09:55 PM	6.6300	6.4213	6.655
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	218	0.597	0.12	10:59:36 AM	6.5000	6.5000	6.653
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	224	0.613	-	-	-	-	6.573
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	232	0.635	33.36	3:54:54 PM	6.4250	6.4451	6.733
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	234	0.641	-	-	-	-	6.719
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	239	0.654	4.65	11:46:13 AM	6.4550	6.4550	6.600
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	246	0.674	-	-	-	-	6.846
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	253	0.693	-	-	-	-	6.740
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	267	0.731	3.46	2:41:32 PM	6.6000	6.6000	6.841

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RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	274	0.75	0.52	3:01:11 PM	6.6000	6.6000	6.625
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	281	0.769	-	-	-	-	6.874
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	288	0.789	2.00	3:23:57 PM	6.5000	6.5000	6.722
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	295	0.808	-	-	-	-	6.775
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	302	0.827	-	-	-	-	6.653
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	309	0.846	72.09	3:48:47 PM	6.6000	6.6000	6.692
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	316	0.865	0.80	3:36:38 PM	6.6000	6.6000	6.685
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	318	0.871	10.50	2:39:37 PM	6.6350	6.6350	6.690
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	323	0.884	10.18	3:16:23 PM	6.6000	6.5753	6.666
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	330	0.903	-	-	-	-	6.645
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	337	0.923	68.81	3:59:46 PM	6.6150	6.6453	6.622
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	365	0.999	661.42	3:39:10 PM	6.6300	6.6344	6.651
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	369	1.01	60.00	3:44:13 PM	6.6750	6.6883	6.711
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	406	1.112	-	-	-	-	6.811
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	459	1.257	176.47	3:50:00 PM	6.6550	6.6570	6.678
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	589	1.613	-	-	-	-	6.744
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	590	1.615	50.20	3:01:52 PM	6.7500	6.6504	6.688
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	617	1.689	-	-	-	-	6.831
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	708	1.938	-	-	-	-	6.977
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	748	2.048	-	-	-	-	6.792
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	785	2.149	0.20	2:05:13 PM	6.8500	6.8500	6.554
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	802	2.196	13.65	2:14:15 PM	6.7750	6.7741	6.707
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	841	2.303	-	-	-	-	6.889
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	887	2.428	398.40	3:16:34 PM	6.6750	6.6522	6.665
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1016	2.782	-	-	-	-	6.641
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1051	2.877	-	-	-	-	6.737
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1107	3.031	8.00	2:14:03 PM	6.8150	6.8150	6.676
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1114	3.05	104.46	3:46:33 PM	6.7500	6.7500	6.756
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1161	3.179	-	-	-	-	6.232
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1302	3.565	-	-	-	-	6.992
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1344	3.68	-	-	-	-	6.898
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1378	3.773	-	-	-	-	6.797
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1426	3.904	201.00	11:46:28 AM	6.7350	6.7027	6.704
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1428	3.91	-	-	-	-	6.781
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1504	4.118	-	-	-	-	6.744
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1520	4.162	2075.00	3:26:30 PM	6.7300	6.7283	6.739
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1564	4.282	0.80	3:04:06 PM	6.8500	6.8500	6.779
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1602	4.386	-	-	-	-	6.796
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1680	4.6	10.83	3:53:36 PM	6.8300	6.8530	6.766
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1749	4.789	-	-	-	-	6.809
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1929	5.281	0.30	3:04:22 PM	6.8750	6.8750	6.896
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1973	5.402	-	-	-	-	6.728

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RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2036	5.574	-	-	-	-	6.834
RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2051	5.615	-	-	-	-	6.806
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2134	5.843	-	-	-	-	6.835
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2286	6.259	1831.61	2:59:23 PM	6.7600	6.7548	6.754
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2288	6.264	-	-	-	-	6.812
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2436	6.669	-	-	-	-	6.839
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2477	6.782	-	-	-	-	6.833
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2517	6.891	-	-	-	-	6.844
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2568	7.031	-	-	-	-	6.851
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2812	7.699	6.56	11:12:16 AM	6.9000	6.9952	7.176
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2842	7.781	0.71	3:04:59 PM	7.0500	6.8884	6.889
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2890	7.912	-	-	-	-	6.855
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2974	8.142	-	-	-	-	6.887
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3038	8.318	-	-	-	-	6.835
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3163	8.66	-	-	-	-	7.076
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3361	9.202	3159.87	3:40:30 PM	6.8200	6.8186	6.816
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3618	9.906	-	-	-	-	6.967
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4157	11.381	-	-	-	-	7.057
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4219	11.551	-	-	-	-	7.132
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4401	12.049	-	-	-	-	7.083
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4575	12.526	72.24	2:02:31 PM	6.8480	6.8103	6.800
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4653	12.739	-	-	-	-	7.089
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4773	13.068	-	-	-	-	7.135
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4801	13.144	31.44	2:53:47 PM	7.1250	7.1244	7.167
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	5011	13.719	1.90	11:13:51 AM	7.0500	7.0500	7.200
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5074	13.892	-	-	-	-	7.209
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5186	14.198	-	-	-	-	7.276
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5780	15.825	-	-	-	-	7.284
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6109	16.726	-	-	-	-	7.294
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6186	16.936	-	-	-	-	7.270
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6474	17.725	-	-	-	-	7.317
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6705	18.357	-	-	-	-	7.332
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6795	18.604	-	-	-	-	7.337
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6864	18.793	8.66	3:26:23 PM	7.4000	7.2398	7.797
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6985	19.124	-	-	-	-	7.346
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7915	21.67	4.00	2:50:57 PM	7.2500	7.2500	7.359