

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 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	1	0.003	-	-	-	-	-
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	8	0.022	-	-	-	-	5.321
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	15	0.041	-	-	-	-	4.950
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	22	0.06	-	-	-	-	5.279
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	29	0.079	-	-	-	-	5.100
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	36	0.099	4.10	3:18:22 PM	5.3800	5.3274	5.311
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	43	0.118	0.40	11:01:29 AM	5.1000	5.1000	5.333
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	50	0.137	2.00	3:13:22 PM	5.3500	5.3500	5.550
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	57	0.156	3.10	2:30:53 PM	5.4750	5.4750	5.353
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5.000	4/26/2012	4/26/2019	59	0.162	10.00	11:52:08 AM	5.4800	5.4800	5.865
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	63	0.172	17.32	3:14:06 PM	5.3000	5.3606	5.380
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	71	0.194	159.80	3:18:44 PM	5.5000	5.4940	5.495
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	78	0.214	241.76	3:48:12 PM	5.4000	5.4802	5.642
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	85	0.233	48.36	3:41:10 PM	5.6250	5.5203	5.708
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	92	0.252	42.07	3:12:14 PM	5.5500	5.4864	5.504
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	99	0.271	10.20	10:33:35 AM	5.7350	5.7294	5.657
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	105	0.287	-	-	-	-	5.460
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	113	0.309	-	-	-	-	5.954
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	120	0.329	-	-	-	-	5.949
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	127	0.348	14.05	3:55:58 PM	5.7500	5.7984	6.153
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	134	0.367	5.21	2:58:14 PM	5.7000	5.9265	5.757
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	141	0.386	-	-	-	-	5.806
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.750	7/19/2012	7/19/2019	143	0.392	0.40	2:55:55 PM	5.9900	5.9900	5.956
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	148	0.405	7.21	2:41:56 PM	5.8500	5.8465	5.925
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	155	0.424	200.66	3:56:07 PM	5.7500	5.8219	5.825
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	162	0.444	409.84	3:39:37 PM	5.8250	5.8168	5.800
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	169	0.463	107.91	3:24:29 PM	5.7500	5.8028	5.862
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	175	0.479	171.42	3:54:24 PM	5.8250	5.8603	5.897
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	183	0.501	-	-	-	-	5.973
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.750	8/30/2012	8/30/2019	185	0.507	-	-	-	-	6.017
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	190	0.52	7.40	2:58:48 PM	5.9000	5.8770	5.971
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	197	0.539	2.45	3:11:44 PM	5.7500	5.7500	5.800
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	204	0.559	-	-	-	-	5.818
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	218	0.597	-	-	-	-	5.940
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	225	0.616	4.80	3:39:32 PM	5.9250	5.9250	6.140
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	232	0.635	6.05	3:02:49 PM	5.9850	5.9696	6.788
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	239	0.654	-	-	-	-	6.015
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	246	0.674	-	-	-	-	5.981
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	253	0.693	-	-	-	-	6.009
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	260	0.712	-	-	-	-	5.970
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	267	0.731	-	-	-	-	5.942
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	269	0.736	91.00	3:34:57 PM	5.9500	5.9978	6.017

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RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	274	0.75	2.00	10:43:46 AM	5.8500	5.8500	6.020
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	281	0.769	-	-	-	-	5.999
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	288	0.789	-	-	-	-	5.973
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	316	0.865	2.69	2:14:26 PM	5.8250	5.8250	6.135
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	320	0.876	101.10	3:02:00 PM	6.1500	6.0016	6.049
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	323	0.884	0.52	2:55:14 PM	6.0000	6.0000	6.146
RPTB 0 01/22/20	RPTB 0 01/22/20	PIBL1219A037	-	1/23/2019	1/22/2020	330	0.903	2.08	-	-	-	6.029
RPTB 0 01/29/20	RPTB 0 01/29/20	PIBL1219A046	-	1/30/2019	1/29/2020	337	0.923	-	-	-	-	5.880
RPTB 0 02/05/20	RPTB 0 02/05/20	PIBL1219B054	-	2/6/2019	2/5/2020	344	0.942	312.91	3:55:52 PM	6.0000	6.0479	6.061
RPTB 0 02/12/20	RPTB 0 02/12/20	PIBL1219B063	-	2/13/2019	2/12/2020	351	0.961	51.10	2:19:06 PM	6.0000	6.0147	6.014
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.750	2/18/2010	2/18/2020	357	0.977	-	-	-	-	5.775
RPTB 0 02/19/20	RPTB 0 02/19/20	PIBL1219B072	-	2/20/2019	2/19/2020	358	0.98	444.06	3:48:18 PM	6.0000	6.0072	6.011
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.250	4/11/2017	4/11/2020	410	1.123	93.48	3:10:16 PM	6.0800	6.0406	6.049
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.250	8/19/2010	8/19/2020	540	1.478	3.00	3:59:20 PM	6.0800	6.0900	6.038
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	541	1.481	180.10	3:19:35 PM	6.1200	6.1200	6.083
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	568	1.555	-	-	-	-	6.121
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	659	1.804	-	-	-	-	6.002
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.250	1/25/2018	1/25/2021	699	1.914	-	-	-	-	6.090
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	736	2.015	-	-	-	-	5.911
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.500	3/20/2014	3/20/2021	753	2.062	4.89	3:29:51 PM	6.1750	6.1750	6.112
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.500	4/28/2011	4/28/2021	792	2.168	-	-	-	-	6.354
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	838	2.294	158.70	3:46:33 PM	6.1350	6.0624	6.072
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.750	10/20/2011	10/20/2021	967	2.648	-	-	-	-	6.202
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.750	11/24/2011	11/24/2021	1002	2.743	-	-	-	-	6.190
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1058	2.897	-	-	-	-	6.035
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4.000	1/26/2017	1/26/2022	1065	2.916	-	-	-	-	6.121
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15.000	3/14/2002	3/14/2022	1112	3.044	-	-	-	-	5.960
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1253	3.431	-	-	-	-	6.315
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.750	9/13/2012	9/13/2022	1295	3.546	-	-	-	-	6.232
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.750	10/17/2002	10/17/2022	1329	3.639	-	-	-	-	6.143
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1377	3.77	708.75	3:59:13 PM	6.1000	6.0587	6.062
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4.000	12/6/2012	12/6/2022	1379	3.776	-	-	-	-	6.130
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13.000	2/20/2003	2/20/2023	1455	3.984	-	-	-	-	6.174
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.500	3/8/2018	3/8/2023	1471	4.027	1,257.00	3:00:15 PM	6.0650	6.0720	6.089
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.500	4/21/2016	4/21/2023	1515	4.148	-	-	-	-	6.169
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1553	4.252	-	-	-	-	6.303
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.250	8/15/2013	8/15/2023	1631	4.465	5.30	3:50:46 PM	6.3750	6.3599	6.115
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1700	4.654	-	-	-	-	6.168
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.500	4/20/2017	4/20/2024	1880	5.147	-	-	-	-	6.008
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1924	5.268	-	-	-	-	6.099
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	1987	5.44	-	-	-	-	6.197
RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2002	5.481	-	-	-	-	6.257

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RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.750	11/11/2004	11/11/2024	2085	5.708	-	-	-	-	6.199
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.750	4/12/2018	4/12/2025	2237	6.125	253.50	3:19:34 PM	6.3175	6.3148	6.240
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2239	6.13	-	-	-	-	6.178
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2387	6.535	66.80	11:09:20 AM	6.1900	6.1900	6.234
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2428	6.648	-	-	-	-	6.198
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.250	11/29/2000	11/29/2025	2468	6.757	-	-	-	-	6.207
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.250	1/19/2006	1/19/2026	2519	6.897	-	-	-	-	6.214
RPGB 6 1/4 02/14/26	FXTN 07-62	PIBD0726B627	6.250	2/14/2019	2/14/2026	2545	6.968	400.00	3:44:36 PM	6.2150	6.1788	6.215
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.500	9/20/2016	9/20/2026	2763	7.565	-	-	-	-	6.282
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.250	10/20/2011	10/20/2026	2793	7.647	-	-	-	-	6.252
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8.000	12/7/2006	12/7/2026	2841	7.778	-	-	-	-	6.220
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2925	8.008	-	-	-	-	6.249
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.750	5/4/2017	5/4/2027	2989	8.183	-	-	-	-	6.317
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3114	8.526	-	-	-	-	6.416
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.250	3/22/2018	3/22/2028	3312	9.068	1,101.20	3:28:28 PM	6.3000	6.2790	6.302
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.500	12/4/2008	12/4/2028	3569	9.771	-	-	-	-	6.294
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3606	9.873	1,691.47	3:51:05 PM	6.3000	6.2817	6.312
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.750	5/27/2010	5/27/2030	4108	11.247	-	-	-	-	6.328
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.500	7/28/2005	7/28/2030	4170	11.417	-	-	-	-	6.390
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.250	1/26/2006	1/26/2031	4352	11.915	-	-	-	-	6.330
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8.000	7/19/2011	7/19/2031	4526	12.392	120.00	3:08:55 PM	6.4250	6.4250	6.390
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4604	12.605	-	-	-	-	6.325
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4724	12.934	-	-	-	-	6.363
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4752	13.01	2.00	2:29:56 PM	6.5000	6.5000	6.754
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.750	9/27/2012	9/27/2032	4962	13.585	-	-	-	-	6.423
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.500	11/29/2007	11/29/2032	5025	13.758	-	-	-	-	6.432
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5137	14.064	5.00	2:52:55 PM	6.4000	6.4000	6.369
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.250	11/5/2009	11/5/2034	5731	15.691	-	-	-	-	6.535
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8.000	9/30/2010	9/30/2035	6060	16.591	-	-	-	-	6.565
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6137	16.802	-	-	-	-	6.618
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6425	17.591	-	-	-	-	6.597
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.250	5/18/2017	5/18/2037	6656	18.223	-	-	-	-	6.612
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.750	8/16/2012	8/16/2037	6746	18.47	-	-	-	-	6.617
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6815	18.658	3.05	3:25:17 PM	6.6400	6.6557	6.627
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.500	2/22/2018	2/22/2038	6936	18.99	-	-	-	-	6.627
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.750	1/24/2019	1/24/2039	7272	19.91	577.09	3:46:43 PM	6.6300	6.5764	6.600
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7866	21.536	-	-	-	-	6.769