

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 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	5	0.014	-	-	-	-	-	5.450
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	12	0.033	-	-	-	-	-	5.707
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	19	0.052	1.02	11:18:37 AM	5.4000	5.4000	-	5.450
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	26	0.071	-	-	-	-	-	5.368
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	33	0.09	33.12	3:14:46 PM	5.3000	5.3495	-	5.462
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	40	0.11	4.52	11:12:31 AM	5.5000	5.4309	-	5.518
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5.000	4/26/2012	4/26/2019	42	0.115	0.98	11:01:51 AM	5.4000	5.4000	-	7.205
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	46	0.126	-	-	-	-	-	5.205
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	54	0.148	21.12	2:11:17 PM	5.3500	5.3210	-	5.675
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	61	0.167	6.68	3:44:03 PM	5.6000	5.6086	-	5.305
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	68	0.186	8.22	3:50:33 PM	5.7500	5.5575	-	5.808
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	75	0.205	32.13	3:42:17 PM	5.4000	5.4380	-	5.702
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	82	0.225	0.70	2:19:24 PM	4.7500	4.7500	-	5.730
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	88	0.241	125.85	3:50:03 PM	5.7250	5.7252	-	5.723
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	96	0.263	-	-	-	-	-	5.963
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	103	0.282	12.50	3:22:58 PM	5.7250	5.7250	-	5.953
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	110	0.301	-	-	-	-	-	6.145
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	117	0.32	3.00	9:25:28 AM	5.7500	5.7500	-	5.792
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	124	0.339	514.82	3:34:10 PM	5.7250	5.9449	-	5.930
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.750	7/19/2012	7/19/2019	126	0.345	0.57	11:15:52 AM	5.9500	5.9061	-	6.080
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	131	0.359	1.50	2:16:17 PM	5.8000	5.8000	-	5.930
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	138	0.378	31.12	11:24:16 AM	5.8250	5.8038	-	5.853
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	145	0.397	0.50	10:25:46 AM	5.6000	5.6000	-	5.720
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	152	0.416	3.50	11:13:37 AM	5.9500	5.7812	-	5.833
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	158	0.433	-	-	-	-	-	5.944
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	166	0.454	-	-	-	-	-	5.800
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.750	8/30/2012	8/30/2019	168	0.46	-	-	-	-	-	6.050
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	173	0.474	-	-	-	-	-	5.848
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	180	0.493	790.22	3:55:27 PM	5.9750	5.9768	-	5.977
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	187	0.512	-	-	-	-	-	6.006
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	201	0.55	-	-	-	-	-	5.915
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	208	0.569	-	-	-	-	-	6.050
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	215	0.589	-	-	-	-	-	6.604
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	222	0.608	14.78	3:33:45 PM	5.9750	5.9750	-	5.918
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	229	0.627	-	-	-	-	-	5.975
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	236	0.646	10.00	10:17:44 AM	5.9300	5.9300	-	5.993
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	243	0.665	-	-	-	-	-	5.970
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	250	0.684	-	-	-	-	-	6.150
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	252	0.69	199.67	3:30:42 PM	6.1000	6.0756	-	6.078
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	257	0.704	-	-	-	-	-	6.020
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	264	0.723	-	-	-	-	-	6.072
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	271	0.742	-	-	-	-	-	5.912

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RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	299	0.819	3.00	11:50:27 AM	5.9750	5.9750	6.064	
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	303	0.83	-	-	-	-	6.056	
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	306	0.838	-	-	-	-	6.120	
RPTB 0 01/22/20	RPTB 0 01/22/20	PIBL1219A037	-	1/23/2019	1/22/2020	313	0.857	-	-	-	-	6.067	
RPTB 0 01/29/20	RPTB 0 01/29/20	PIBL1219A046	-	1/30/2019	1/29/2020	320	0.876	5.25	2:45:24 PM	6.0000	5.9990	5.949	
RPTB 0 02/05/20	RPTB 0 02/05/20	PIBL1219B054	-	2/6/2019	2/5/2020	327	0.895	450.11	10:48:43 AM	5.9500	5.9747	5.979	
RPTB 0 02/12/20	RPTB 0 02/12/20	PIBL1219B063	-	2/13/2019	2/12/2020	334	0.914	19.23	2:30:11 PM	5.9850	5.9921	5.993	
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.750	2/18/2010	2/18/2020	340	0.931	-	-	-	-	5.939	
RPTB 0 02/19/20	RPTB 0 02/19/20	PIBL1219B072	-	2/20/2019	2/19/2020	341	0.934	1.00	11:14:55 AM	5.9505	5.9505	5.963	
RPTB 0 03/11/20	RPTB 0 03/11/20	PIBL1219C106	-	3/13/2019	3/11/2020	362	0.991	74.25	3:52:45 PM	6.0275	6.0223	6.022	
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.250	4/11/2017	4/11/2020	393	1.076	1,358.12	3:20:06 PM	6.0250	6.0679	6.088	
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.250	8/19/2010	8/19/2020	523	1.432	-	-	-	-	6.087	
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	524	1.435	-	-	-	-	6.038	
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	551	1.509	-	-	-	-	6.089	
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	642	1.758	-	-	-	-	6.146	
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.250	1/25/2018	1/25/2021	682	1.867	-	-	-	-	5.774	
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	719	1.969	9.08	11:17:58 AM	6.1000	6.0006	5.841	
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.500	3/20/2014	3/20/2021	736	2.015	173.58	3:04:10 PM	6.0950	6.0840	6.095	
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.500	4/28/2011	4/28/2021	775	2.122	-	-	-	-	6.306	
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	821	2.248	18.43	2:46:23 PM	6.1000	6.0404	6.077	
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.750	10/20/2011	10/20/2021	950	2.601	-	-	-	-	6.188	
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.750	11/24/2011	11/24/2021	985	2.697	-	-	-	-	6.053	
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1041	2.85	-	-	-	-	6.048	
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4.000	1/26/2017	1/26/2022	1048	2.869	-	-	-	-	6.020	
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15.000	3/14/2002	3/14/2022	1095	2.998	-	-	-	-	5.941	
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1236	3.384	-	-	-	-	6.290	
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.750	9/13/2012	9/13/2022	1278	3.499	-	-	-	-	6.212	
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.750	10/17/2002	10/17/2022	1312	3.592	-	-	-	-	6.130	
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1360	3.723	215.89	3:53:58 PM	6.1000	6.0633	6.055	
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4.000	12/6/2012	12/6/2022	1362	3.729	4.87	2:02:29 PM	6.1500	6.1500	6.119	
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13.000	2/20/2003	2/20/2023	1438	3.937	-	-	-	-	6.167	
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.500	3/8/2018	3/8/2023	1454	3.981	0.30	11:14:59 AM	6.1250	6.1250	6.101	
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.500	4/21/2016	4/21/2023	1498	4.101	21.18	3:36:26 PM	6.1500	6.1498	6.304	
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1536	4.205	-	-	-	-	6.294	
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.250	8/15/2013	8/15/2023	1614	4.419	16.65	2:10:47 PM	6.2250	6.2304	6.362	
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1683	4.608	-	-	-	-	6.168	
RPGB 6 1/4 03/12/24	RTB 05-12	PIID0524C129	6.250	3/12/2019	3/12/2024	1824	4.994	4,000.09	3:41:44 PM	6.2100	6.2109	6.211	
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.500	4/20/2017	4/20/2024	1863	5.101	-	-	-	-	6.055	
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1907	5.221	-	-	-	-	6.102	
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	1970	5.394	-	-	-	-	6.195	
RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	1985	5.435	5.00	2:02:21 PM	6.2000	6.2000	6.227	
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.750	11/11/2004	11/11/2024	2068	5.662	-	-	-	-	6.194	

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RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.750	4/12/2018	4/12/2025	2220	6.078	500.00	3:31:50 PM	6.2100	6.2100	6.210	
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2222	6.084	-	-	-	-	6.169	
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2370	6.489	-	-	-	-	6.105	
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2411	6.601	-	-	-	-	6.175	
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.250	11/29/2000	11/29/2025	2451	6.71	-	-	-	-	6.181	
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.250	1/19/2006	1/19/2026	2502	6.85	-	-	-	-	6.184	
RPGB 6 1/4 02/14/26	FXTN 07-62	PIBD0726B627	6.250	2/14/2019	2/14/2026	2528	6.921	63.04	11:00:21 AM	6.2200	6.1851	6.195	
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.500	9/20/2016	9/20/2026	2746	7.518	2.08	11:58:04 AM	6.4500	6.2560	6.222	
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.250	10/20/2011	10/20/2026	2776	7.6	-	-	-	-	6.199	
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8.000	12/7/2006	12/7/2026	2824	7.732	-	-	-	-	6.165	
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2908	7.962	-	-	-	-	6.176	
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.750	5/4/2017	5/4/2027	2972	8.137	-	-	-	-	6.168	
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3097	8.479	-	-	-	-	6.429	
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.250	3/22/2018	3/22/2028	3295	9.021	500.00	2:53:37 PM	6.2200	6.2200	6.210	
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.500	12/4/2008	12/4/2028	3552	9.725	-	-	-	-	6.182	
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3589	9.826	60.00	-	-	-	6.188	
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.750	5/27/2010	5/27/2030	4091	11.201	-	-	-	-	6.163	
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.500	7/28/2005	7/28/2030	4153	11.37	-	-	-	-	6.216	
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.250	1/26/2006	1/26/2031	4335	11.869	-	-	-	-	6.135	
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8.000	7/19/2011	7/19/2031	4509	12.345	-	-	-	-	6.148	
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4587	12.559	-	-	-	-	6.092	
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4707	12.887	-	-	-	-	6.110	
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4735	12.964	14.11	2:21:30 PM	6.3500	6.3351	6.483	
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.750	9/27/2012	9/27/2032	4945	13.539	-	-	-	-	6.139	
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.500	11/29/2007	11/29/2032	5008	13.711	-	-	-	-	6.141	
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5120	14.018	1.08	3:19:23 PM	6.3200	6.3200	6.068	
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.250	11/5/2009	11/5/2034	5714	15.644	-	-	-	-	6.155	
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8.000	9/30/2010	9/30/2035	6043	16.545	-	-	-	-	6.158	
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6120	16.756	42.98	11:46:55 AM	6.3400	6.3488	6.323	
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6408	17.544	-	-	-	-	6.188	
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.250	5/18/2017	5/18/2037	6639	18.177	-	-	-	-	6.215	
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.750	8/16/2012	8/16/2037	6729	18.423	10.00	11:01:36 AM	6.4000	6.4000	6.227	
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6798	18.612	12.08	3:12:40 PM	6.4000	6.3550	6.425	
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.500	2/22/2018	2/22/2038	6919	18.943	-	-	-	-	6.253	
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.750	1/24/2019	1/24/2039	7255	19.863	120.00	11:33:51 AM	6.2700	6.2669	6.241	
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7849	21.489	0.50	11:01:45 AM	6.4000	6.4000	6.440	