

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 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	5	0.014	-	-	-	-	5.266
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	11	0.03	92.60	10:52:12 AM	5.5000	5.4864	3.886
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	12	0.033	34.99	2:28:57 PM	5.2000	5.2000	5.441
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	19	0.052	-	-	-	-	5.449
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	26	0.071	5.00	11:39:47 AM	5.2100	5.2100	5.562
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	33	0.09	-	-	-	-	5.415
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	40	0.11	0.50	9:50:40 AM	5.1000	5.1000	5.411
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	47	0.129	-	-	-	-	5.412
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	54	0.148	3.31	3:07:42 PM	5.1000	5.1000	5.135
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	61	0.167	-	-	-	-	5.385
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	68	0.186	-	-	-	-	5.369
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	75	0.205	0.07	11:04:24 AM	5.1500	5.1500	5.442
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5.000	4/26/2012	4/26/2019	77	0.211	-	-	-	-	6.844
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	81	0.222	28.95	9:59:53 AM	5.3900	5.3900	5.351
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	89	0.244	229.39	3:59:19 PM	5.2800	5.2684	5.283
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	96	0.263	0.50	3:31:33 PM	5.2500	5.2500	5.463
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	103	0.282	-	-	-	-	5.698
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	110	0.301	9.93	3:06:07 PM	5.4500	5.4398	5.492
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	117	0.32	9.00	2:42:31 PM	5.3500	5.3500	5.600
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	123	0.337	-	-	-	-	5.485
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	131	0.359	7.00	11:35:11 AM	5.3500	5.3929	5.891
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	138	0.378	1.00	2:14:48 PM	5.5000	5.5000	5.888
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	145	0.397	5.30	2:36:47 PM	5.3500	5.5009	6.100
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	152	0.416	2.20	2:43:24 PM	5.7000	5.6727	5.841
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	159	0.435	-	-	-	-	5.850
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.750	7/19/2012	7/19/2019	161	0.441	0.25	2:35:41 PM	5.9500	5.9500	6.024
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	166	0.454	6.11	11:14:25 AM	5.4500	5.4959	5.755
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	173	0.474	85.04	11:05:14 AM	5.7500	5.7500	5.771
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	180	0.493	238.68	3:56:50 PM	5.8175	5.8069	5.790
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	187	0.512	9.12	2:44:28 PM	5.7850	5.7850	5.854
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	193	0.528	3.54	9:55:06 AM	5.8600	5.8448	6.000
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	201	0.55	14.91	10:23:56 AM	5.8050	5.8050	5.915
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.750	8/30/2012	8/30/2019	203	0.556	-	-	-	-	5.942
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	208	0.569	3.49	3:32:21 PM	5.7750	5.7750	5.736
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	215	0.589	24.20	2:41:08 PM	5.8250	5.8250	5.907
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	222	0.608	0.51	10:00:36 AM	5.8100	5.8100	6.190
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	236	0.646	-	-	-	-	5.860
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	243	0.665	-	-	-	-	6.070
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	250	0.684	-	-	-	-	6.742
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	257	0.704	-	-	-	-	5.883
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	264	0.723	3.10	11:16:58 AM	5.7000	5.7000	5.950
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	271	0.742	7.54	3:47:39 PM	5.8500	5.8363	5.967

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RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	278	0.761	-	-	-	-	5.944
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	285	0.78	0.52	11:08:25 AM	5.8000	5.8000	5.936
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	287	0.786	469.52	3:56:21 PM	5.8300	5.7906	5.859
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	292	0.799	-	-	-	-	6.118
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	299	0.819	-	-	-	-	5.824
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	306	0.838	0.50	10:08:11 AM	5.8000	5.8000	5.829
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	334	0.914	0.50	3:58:07 PM	5.8250	5.8250	5.955
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	338	0.925	77.30	2:43:47 PM	6.0000	5.9502	5.928
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	341	0.934	-	-	-	-	5.906
RPTB 0 01/22/20	RPTB 0 01/22/20	PIBL1219A037	-	1/23/2019	1/22/2020	348	0.953	-	-	-	-	5.917
RPTB 0 01/29/20	RPTB 0 01/29/20	PIBL1219A046	-	1/30/2019	1/29/2020	355	0.972	0.59	10:54:57 AM	5.8150	5.8150	5.874
RPTB 0 02/05/20	RPTB 0 02/05/20	PIBL1219B054	-	2/6/2019	2/5/2020	362	0.991	127.99	3:59:04 PM	5.8300	5.8377	5.870
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.750	2/18/2010	2/18/2020	375	1.027	-	-	-	-	6.004
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.250	4/11/2017	4/11/2020	428	1.172	166.14	3:49:18 PM	5.8300	5.8073	5.820
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.250	8/19/2010	8/19/2020	558	1.528	-	-	-	-	5.954
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	559	1.53	633.57	3:24:10 PM	5.9500	5.8412	5.807
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	586	1.604	-	-	-	-	6.038
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	677	1.854	31.85	3:57:31 PM	5.9000	5.8996	6.182
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.250	1/25/2018	1/25/2021	717	1.963	4.04	2:31:58 PM	6.0000	5.9445	5.892
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	754	2.064	-	-	-	-	5.809
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.500	3/20/2014	3/20/2021	771	2.111	39.50	3:28:07 PM	5.8000	5.7878	5.838
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.500	4/28/2011	4/28/2021	810	2.218	-	-	-	-	6.271
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	856	2.344	43.60	3:57:08 PM	5.8405	5.8690	5.976
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.750	10/20/2011	10/20/2021	985	2.697	5.00	11:49:15 AM	5.9700	5.9700	5.879
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.750	11/24/2011	11/24/2021	1020	2.793	0.08	2:31:34 PM	6.1000	6.1000	6.096
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1076	2.946	0.70	2:50:02 PM	5.9900	6.0357	6.156
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4.000	1/26/2017	1/26/2022	1083	2.965	40.20	3:11:29 PM	5.9500	5.9528	6.093
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15.000	3/14/2002	3/14/2022	1130	3.094	10.00	3:11:28 PM	6.1500	6.1500	5.956
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1271	3.48	-	-	-	-	6.227
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.750	9/13/2012	9/13/2022	1313	3.595	-	-	-	-	6.140
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.750	10/17/2002	10/17/2022	1347	3.688	-	-	-	-	6.047
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1395	3.819	333.35	3:59:09 PM	5.8600	5.8890	5.870
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4.000	12/6/2012	12/6/2022	1397	3.825	-	-	-	-	6.035
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13.000	2/20/2003	2/20/2023	1473	4.033	-	-	-	-	6.079
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.500	3/8/2018	3/8/2023	1489	4.077	1474.86	3:57:40 PM	5.8350	5.8961	5.851
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.500	4/21/2016	4/21/2023	1533	4.197	-	-	-	-	5.906
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1571	4.301	-	-	-	-	6.262
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.250	8/15/2013	8/15/2023	1649	4.515	1.50	2:54:58 PM	6.2000	6.1133	6.178
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1718	4.704	-	-	-	-	6.079
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.500	4/20/2017	4/20/2024	1898	5.196	-	-	-	-	5.952
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1942	5.317	-	-	-	-	6.015
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2005	5.489	-	-	-	-	6.120

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2020	5.53	10.34	3:40:15 PM	6.0800	6.1709	6.240
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.750	11/11/2004	11/11/2024	2103	5.758	-	-	-	-	6.127
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.750	4/12/2018	4/12/2025	2255	6.174	1367.70	3:31:18 PM	6.0650	6.0580	6.062
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2257	6.179	-	-	-	-	6.115
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2405	6.585	5.46	2:32:46 PM	6.0950	6.0996	6.219
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2446	6.697	-	-	-	-	6.148
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.250	11/29/2000	11/29/2025	2486	6.806	-	-	-	-	6.161
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.250	1/19/2006	1/19/2026	2537	6.946	-	-	-	-	6.172
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.500	9/20/2016	9/20/2026	2781	7.614	6.60	11:44:13 AM	6.4500	6.4500	6.415
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.250	10/20/2011	10/20/2026	2811	7.696	-	-	-	-	6.230
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8.000	12/7/2006	12/7/2026	2859	7.828	-	-	-	-	6.200
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2943	8.057	-	-	-	-	6.236
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.750	5/4/2017	5/4/2027	3007	8.233	-	-	-	-	6.273
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3132	8.575	-	-	-	-	6.417
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.250	3/22/2018	3/22/2028	3330	9.117	2366.80	3:56:37 PM	6.2475	6.2360	6.247
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.500	12/4/2008	12/4/2028	3587	9.821	-	-	-	-	6.305
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3624	9.922	1383.60	3:52:51 PM	6.2500	6.2329	6.243
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.750	5/27/2010	5/27/2030	4126	11.296	-	-	-	-	6.330
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.500	7/28/2005	7/28/2030	4188	11.466	-	-	-	-	6.391
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.250	1/26/2006	1/26/2031	4370	11.964	-	-	-	-	6.317
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8.000	7/19/2011	7/19/2031	4544	12.441	319.80	2:38:30 PM	6.2500	6.2946	6.272
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4622	12.654	-	-	-	-	6.284
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4742	12.983	-	-	-	-	6.310
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4770	13.06	1.20	11:16:31 AM	6.2000	6.2000	6.711
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.750	9/27/2012	9/27/2032	4980	13.635	-	-	-	-	6.340
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.500	11/29/2007	11/29/2032	5043	13.807	-	-	-	-	6.340
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5155	14.114	-	-	-	-	6.325
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.250	11/5/2009	11/5/2034	5749	15.74	-	-	-	-	6.400
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8.000	9/30/2010	9/30/2035	6078	16.641	-	-	-	-	6.432
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6155	16.851	4.10	11:15:37 AM	6.7000	6.7000	6.416
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6443	17.64	-	-	-	-	6.486
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.250	5/18/2017	5/18/2037	6674	18.272	-	-	-	-	6.522
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.750	8/16/2012	8/16/2037	6764	18.519	-	-	-	-	6.535
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6833	18.708	13.61	2:38:48 PM	6.5750	6.5767	6.620
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.500	2/22/2018	2/22/2038	6954	19.039	-	-	-	-	6.564
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.750	1/24/2019	1/24/2039	7290	19.959	2326.10	3:57:31 PM	6.5855	6.5809	6.585
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7884	21.585	-	-	-	-	6.694