

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 01/16/19	RPTB 0 01/16/19	PIBL1218A011	-	1/17/2018	1/16/2019	7	0.019	-	-	-	-	5.021
RPTB 0 01/23/19	RPTB 0 01/23/19	PIBL0618G124	-	7/25/2018	1/23/2019	14	0.038	-	-	-	-	5.456
RPTB 0 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	21	0.057	1.00	3:43:13 PM	5.1000	5.1000	5.442
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	28	0.077	1.50	11:03:55 AM	5.0500	5.0500	5.578
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	35	0.096	16.00	11:02:22 AM	5.5000	5.5000	5.545
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	41	0.112	185.00	3:19:15 PM	5.6000	5.5701	5.575
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	42	0.115	-	-	-	-	5.426
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	49	0.134	-	-	-	-	5.484
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	56	0.153	116.66	11:54:17 AM	5.3750	5.2862	5.210
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	63	0.172	4.60	2:19:15 PM	5.2250	5.3752	5.504
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	70	0.192	10.00	2:42:04 PM	5.4000	5.4000	5.571
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	77	0.211	-	-	-	-	5.502
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	84	0.23	21.41	11:39:28 AM	5.2000	5.2474	5.610
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	91	0.249	1148.37	3:52:56 PM	5.4050	5.4020	5.406
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	98	0.268	30.86	3:59:03 PM	5.4000	5.4000	5.812
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	105	0.287	46.42	3:33:48 PM	5.6000	5.5444	5.948
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	107	0.293	-	-	-	-	6.427
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	111	0.304	5.00	10:26:38 AM	5.5000	5.5000	6.194
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	119	0.326	-	-	-	-	6.250
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	126	0.345	27.22	2:49:16 PM	6.1000	6.0910	6.280
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	133	0.364	0.41	10:55:14 AM	6.2500	6.2500	6.299
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	140	0.383	12.00	3:22:33 PM	6.3900	6.4850	6.415
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	147	0.402	7.00	2:44:27 PM	6.4200	6.4200	6.512
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	153	0.419	1.00	2:38:11 PM	6.4250	6.4250	6.472
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	161	0.441	13.00	3:35:36 PM	6.5750	6.5750	6.643
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	168	0.46	11.02	3:58:04 PM	6.5750	6.5588	6.518
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	175	0.479	-	-	-	-	6.680
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	182	0.498	2411.55	3:56:01 PM	6.4100	6.4504	6.462
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	189	0.517	50.22	3:35:14 PM	6.6000	6.4818	6.592
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	191	0.523	-	-	-	-	6.988
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	196	0.537	252.57	11:47:49 AM	6.5000	6.4990	6.588
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	203	0.556	12.00	2:09:01 PM	6.6000	6.5000	6.433
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	210	0.575	-	-	-	-	6.621
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	217	0.594	17.37	3:36:28 PM	6.6250	6.5976	6.620
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	223	0.611	9.04	2:36:20 PM	6.6000	6.5856	6.576
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	231	0.632	557.27	3:59:43 PM	6.6500	6.6041	6.613
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	233	0.638	-	-	-	-	6.646
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	238	0.652	0.31	3:36:03 PM	6.4500	6.4500	6.600
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	245	0.671	52.00	3:47:45 PM	6.6300	6.6400	6.812
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	252	0.69	-	-	-	-	6.766
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	266	0.728	1.10	-	-	-	6.847
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	273	0.747	10.52	3:03:56 PM	6.5350	6.5705	6.626

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RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	280	0.767	-	-	-	-	6.855
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	287	0.786	150.00	3:30:50 PM	6.6500	6.6500	6.650
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	294	0.805	650.00	3:30:40 PM	6.6750	6.7212	6.712
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	301	0.824	3.29	3:49:01 PM	6.6050	6.6050	6.650
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	308	0.843	44.21	2:11:36 PM	6.5500	6.5500	6.686
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	315	0.862	20.00	2:26:59 PM	6.6050	6.6050	6.685
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	317	0.868	4440.00	3:52:29 PM	6.6250	6.6280	6.640
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	322	0.882	-	-	-	-	6.651
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	329	0.901	-	-	-	-	6.644
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	336	0.92	301.02	3:29:01 PM	6.6100	6.6192	6.618
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	364	0.997	588.62	3:54:43 PM	6.6255	6.6272	6.654
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	368	1.008	-	-	-	-	6.711
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	405	1.109	5.00	10:39:07 AM	6.6350	6.6350	6.752
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	458	1.254	1685.17	3:44:46 PM	6.6700	6.6283	6.643
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	588	1.61	-	-	-	-	6.692
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	589	1.613	18.96	2:01:33 PM	6.6650	6.6705	6.701
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	616	1.687	-	-	-	-	6.780
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	707	1.936	-	-	-	-	6.929
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	747	2.045	-	-	-	-	6.704
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	784	2.146	-	-	-	-	6.553
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	801	2.193	343.00	3:23:11 PM	6.6400	6.6688	6.671
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	840	2.3	394.90	3:57:37 PM	6.7300	6.7021	6.735
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	886	2.426	326.14	2:59:18 PM	6.6300	6.6468	6.649
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1015	2.779	1.40	9:32:57 AM	6.6750	6.6750	6.606
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1050	2.875	0.47	2:10:46 PM	6.8000	6.8000	6.703
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1106	3.028	9.00	11:49:27 AM	6.7500	6.7500	6.644
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1113	3.047	26.00	3:51:36 PM	6.6750	6.7135	6.758
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1160	3.176	-	-	-	-	6.177
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1301	3.562	-	-	-	-	6.964
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1343	3.677	-	-	-	-	6.872
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1377	3.77	-	-	-	-	6.774
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1425	3.901	117.51	3:29:14 PM	6.7250	6.7211	6.709
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1427	3.907	-	-	-	-	6.758
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1503	4.115	-	-	-	-	6.725
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1519	4.159	1341.85	3:53:57 PM	6.7200	6.7338	6.733
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1563	4.279	-	-	-	-	6.787
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1601	4.383	-	-	-	-	6.782
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1679	4.597	95.32	3:22:35 PM	6.8000	6.8125	6.752
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1748	4.786	-	-	-	-	6.800
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1928	5.279	1.00	3:12:01 PM	6.7500	6.7500	6.855
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1972	5.399	-	-	-	-	6.724
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2035	5.572	-	-	-	-	6.831

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2050	5.613	-	-	-	-	6.812
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2133	5.84	-	-	-	-	6.834
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2285	6.256	1501.63	3:55:39 PM	6.7500	6.7674	6.757
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2287	6.261	-	-	-	-	6.812
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2435	6.667	2020.57	3:58:28 PM	6.8000	6.8206	6.817
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2476	6.779	-	-	-	-	6.835
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2516	6.888	-	-	-	-	6.846
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2567	7.028	-	-	-	-	6.854
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2811	7.696	4.00	3:49:09 PM	6.9000	6.9000	7.173
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2841	7.778	0.20	10:18:35 AM	6.9200	6.9200	6.892
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2889	7.91	-	-	-	-	6.858
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2973	8.14	-	-	-	-	6.889
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3037	8.315	-	-	-	-	6.835
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3162	8.657	-	-	-	-	7.076
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3360	9.199	2676.29	3:54:15 PM	6.7800	6.8130	6.800
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3617	9.903	-	-	-	-	6.966
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3654	10.004	7842.40	3:58:37 PM	6.8000	6.8449	6.970
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4156	11.379	-	-	-	-	7.056
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4218	11.548	-	-	-	-	7.132
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4400	12.047	-	-	-	-	7.084
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4574	12.523	30.15	3:17:37 PM	6.8200	6.8258	6.800
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4652	12.736	-	-	-	-	7.088
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4772	13.065	3.53	10:16:14 AM	6.9650	6.9650	7.132
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4800	13.142	65.80	3:06:28 PM	6.9000	7.1108	7.110
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	5010	13.717	-	-	-	-	7.193
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5073	13.889	-	-	-	-	7.202
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5185	14.196	-	-	-	-	7.277
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5779	15.822	-	-	-	-	7.271
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6108	16.723	-	-	-	-	7.279
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6185	16.934	-	-	-	-	7.254
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6473	17.722	-	-	-	-	7.300
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6704	18.355	-	-	-	-	7.313
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6794	18.601	-	-	-	-	7.316
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6863	18.79	77.97	3:58:00 PM	7.2250	7.5409	7.776
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6984	19.121	-	-	-	-	7.324
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7914	21.667	-	-	-	-	7.321