

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	6	0.016	5.00	11:31:46 AM	5.5000	5.5000	5.020
RPTB 0 01/23/19	RPTB 0 01/23/19	PIBL0618G124	-	7/25/2018	1/23/2019	13	0.036	-	-	-	-	5.453
RPTB 0 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	20	0.055	-	-	-	-	5.443
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	27	0.074	0.30	11:15:24 AM	5.0500	5.0500	5.570
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	34	0.093	1.50	2:49:48 PM	5.0000	5.1300	5.535
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	40	0.11	2.00	2:44:15 PM	5.7500	5.7500	5.520
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	41	0.112	1.55	3:16:22 PM	5.6000	5.6000	5.420
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	48	0.131	2.00	11:48:19 AM	5.7500	5.7500	5.484
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	55	0.151	-	-	-	-	5.210
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	62	0.17	14.69	11:22:23 AM	5.3950	5.3100	5.512
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	69	0.189	4.30	3:27:32 PM	5.1500	5.1500	5.571
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	76	0.208	-	-	-	-	5.506
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	83	0.227	11.00	11:55:21 AM	5.2000	5.4727	5.610
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	90	0.246	213.35	3:38:30 PM	5.4000	5.3995	5.405
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	97	0.266	158.55	3:00:10 PM	5.3000	5.3737	5.817
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	104	0.285	84.72	3:34:15 PM	5.5000	5.5130	6.039
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	106	0.29	-	-	-	-	6.387
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	110	0.301	13.88	2:25:54 PM	5.4000	5.4178	6.205
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	118	0.323	15.65	11:52:02 AM	6.4500	6.4475	6.250
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	125	0.342	2.80	3:19:33 PM	5.6150	5.6150	6.280
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	132	0.361	90.63	3:46:03 PM	6.3500	6.4124	6.300
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	139	0.381	216.04	3:01:09 PM	6.0000	6.4004	6.440
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	146	0.4	27.22	2:21:05 PM	6.5500	6.6005	6.513
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	152	0.416	68.49	3:11:18 PM	6.4250	6.2079	6.474
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	160	0.438	0.50	10:10:16 AM	6.1000	6.1000	6.628
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	167	0.457	47.30	11:45:33 AM	6.4000	6.4112	6.511
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	174	0.476	-	-	-	-	6.680
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	181	0.496	2345.22	3:40:20 PM	6.3750	6.3984	6.335
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	188	0.515	315.06	3:38:41 PM	6.4000	6.4810	6.460
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	190	0.52	250.00	2:30:10 PM	6.6000	6.5400	6.525
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	195	0.534	195.92	2:37:01 PM	6.4000	6.4997	6.500
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	202	0.553	57.02	11:33:36 AM	6.5000	6.5000	6.460
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	209	0.572	441.33	3:42:22 PM	6.6000	6.4949	6.490
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	216	0.591	53.14	3:36:49 PM	6.3000	6.4790	6.600
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	222	0.608	50.00	3:10:29 PM	6.6000	6.6000	6.609
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	230	0.63	554.83	3:10:56 PM	6.6000	6.5127	6.488
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	232	0.635	-	-	-	-	6.624
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	237	0.649	7.81	3:38:58 PM	6.4800	6.4954	6.596
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	244	0.668	15.00	2:38:59 PM	6.6250	6.6250	6.785
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	251	0.687	-	-	-	-	6.782
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	265	0.726	1.25	2:48:24 PM	6.4000	6.4600	6.847
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	272	0.745	30.45	3:18:07 PM	6.6500	6.5632	6.625

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RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	279	0.764	-	-	-	-	6.855
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	286	0.783	-	-	-	-	6.650
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	293	0.802	6.24	2:39:24 PM	6.5500	6.5500	6.712
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	300	0.821	53.32	2:47:38 PM	6.5600	6.5603	6.650
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	307	0.841	21.50	10:09:58 AM	6.5500	6.5500	6.643
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	314	0.86	58.12	3:12:51 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	316	0.865	1845.76	3:31:20 PM	6.5300	6.5469	6.540
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	321	0.879	165.75	11:46:51 AM	6.6125	6.6048	6.606
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	328	0.898	1.44	2:42:25 PM	6.4000	6.4542	6.643
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	335	0.917	139.27	11:41:02 AM	6.4100	6.5847	6.611
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	363	0.994	458.96	3:49:55 PM	6.6255	6.5670	6.552
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	367	1.005	328.69	2:16:34 PM	6.5500	6.5748	6.602
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	404	1.106	10.00	10:49:53 AM	6.6500	6.6500	6.706
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	457	1.251	314.08	3:35:33 PM	6.5300	5.9138	6.600
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	587	1.607	-	-	-	-	6.616
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	588	1.61	29.00	10:50:11 AM	6.5750	6.6181	6.641
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	615	1.684	-	-	-	-	6.709
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	706	1.933	-	-	-	-	6.874
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	746	2.042	0.70	2:09:46 PM	6.6250	6.6250	6.650
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	783	2.144	2.80	3:18:50 PM	6.5950	6.6561	6.549
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	800	2.19	105.70	11:48:05 AM	6.5850	6.5940	6.631
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	839	2.297	-	-	-	-	6.736
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	885	2.423	266.70	3:47:09 PM	6.5000	6.5685	6.570
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1014	2.776	-	-	-	-	6.565
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1049	2.872	-	-	-	-	6.663
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1105	3.025	58.00	11:26:02 AM	6.6500	6.6530	6.669
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1112	3.044	41.80	3:22:54 PM	6.5500	6.6457	6.765
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1159	3.173	-	-	-	-	6.125
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1300	3.559	-	-	-	-	6.927
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1342	3.674	-	-	-	-	6.834
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1376	3.767	-	-	-	-	6.736
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1424	3.899	1006.00	3:53:36 PM	6.5000	6.5837	6.500
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1426	3.904	-	-	-	-	6.720
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1502	4.112	-	-	-	-	6.686
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1518	4.156	4433.32	3:52:21 PM	6.5250	6.6255	6.550
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1562	4.277	263.55	2:21:52 PM	6.6500	6.6927	6.681
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1600	4.381	-	-	-	-	6.739
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1678	4.594	1.40	3:51:40 PM	6.8000	6.8000	6.707
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1747	4.783	-	-	-	-	6.752
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1927	5.276	37.50	10:36:13 AM	6.7000	6.7000	6.779
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1971	5.396	-	-	-	-	6.668
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2034	5.569	-	-	-	-	6.772

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2049	5.61	2.50	11:58:39 AM	6.7500	6.7500	6.802
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2132	5.837	-	-	-	-	6.770
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2284	6.253	4128.28	3:30:51 PM	6.5350	6.6353	6.551
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2286	6.259	-	-	-	-	6.741
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2434	6.664	850.00	3:39:02 PM	6.5750	6.6850	6.617
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2475	6.776	-	-	-	-	6.755
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2515	6.886	-	-	-	-	6.764
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2566	7.025	-	-	-	-	6.769
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2810	7.693	0.52	2:51:37 PM	6.9000	6.8038	7.094
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2840	7.776	2.80	11:58:27 AM	6.8350	6.8313	6.794
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2888	7.907	-	-	-	-	6.757
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2972	8.137	-	-	-	-	6.783
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3036	8.312	246.50	2:43:57 PM	6.7100	6.7250	6.723
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3161	8.654	-	-	-	-	6.953
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3359	9.196	4245.96	3:48:28 PM	6.6500	6.7216	6.658
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3616	9.9	-	-	-	-	6.790
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3653	10.001	10203.92	3:58:26 PM	6.6700	6.7121	6.674
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4155	11.376	-	-	-	-	6.829
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4217	11.546	-	-	-	-	6.902
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4399	12.044	-	-	-	-	6.849
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4573	12.52	757.67	3:50:51 PM	6.7000	6.7367	6.703
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4651	12.734	-	-	-	-	6.875
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4771	13.062	-	-	-	-	6.933
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4799	13.139	25.00	3:42:14 PM	7.0500	6.9900	7.110
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	5009	13.714	-	-	-	-	7.042
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5072	13.886	10.00	3:13:50 PM	6.7500	6.7500	7.062
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5184	14.193	-	-	-	-	7.275
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5778	15.819	10.70	3:07:22 PM	6.8000	6.8000	7.236
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6107	16.72	-	-	-	-	7.264
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6184	16.931	4.60	10:57:26 AM	7.2600	7.2600	7.242
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6472	17.719	4.34	11:19:23 AM	7.3000	7.2585	7.286
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6703	18.352	-	-	-	-	7.297
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6793	18.598	2.00	11:12:24 AM	7.3500	7.3500	7.300
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6862	18.787	1.50	3:18:17 PM	7.2500	7.2500	7.758
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6983	19.118	-	-	-	-	7.306
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7913	21.665	-	-	-	-	7.285