

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 01/23/19	RPTB 0 01/23/19	PIBL0618G124	-	7/25/2018	1/23/2019	6	0.016	-	-	-	-	5.515
RPTB 0 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	13	0.036	16.91	3:22:44 PM	5.0500	5.2012	5.368
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	20	0.055	0.60	11:17:19 AM	5.0500	5.0500	6.109
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	27	0.074	0.30	3:22:07 PM	4.9025	4.9025	5.392
RPGB 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	33	0.09	-	-	-	-	5.453
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	34	0.093	-	-	-	-	5.521
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	41	0.112	-	-	-	-	5.464
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	48	0.131	-	-	-	-	5.210
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	55	0.151	15.00	11:56:50 AM	5.0500	5.0500	5.507
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	62	0.17	-	-	-	-	5.473
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	69	0.189	64.38	11:49:08 AM	5.2250	5.2250	5.333
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	76	0.208	15.12	3:12:04 PM	5.1000	5.1091	5.383
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	83	0.227	5.00	11:24:20 AM	5.1500	5.1500	5.324
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	90	0.246	1005.52	3:46:10 PM	5.2500	5.2509	5.268
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	97	0.266	33.50	3:44:10 PM	5.3500	5.2530	5.585
RPGB 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	99	0.271	-	-	-	-	6.946
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	103	0.282	65.98	3:44:02 PM	5.3500	5.2389	5.468
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	111	0.304	-	-	-	-	6.250
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	118	0.323	9.50	3:44:22 PM	5.4000	5.3108	6.280
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	125	0.342	-	-	-	-	6.032
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	132	0.361	1026.89	3:31:24 PM	5.7005	5.7260	5.756
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	139	0.381	25.50	11:41:31 AM	5.7500	5.7578	6.514
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	145	0.397	71.27	3:19:27 PM	5.7000	5.7876	5.989
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	153	0.419	-	-	-	-	6.324
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	160	0.438	22.89	2:24:39 PM	5.8500	5.8500	6.225
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	167	0.457	5.00	3:43:50 PM	5.5000	5.5200	6.497
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	174	0.476	110.44	3:30:09 PM	6.0000	5.8273	5.867
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	181	0.496	175.80	3:49:09 PM	5.3750	5.5893	5.810
RPGB 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	183	0.501	5.00	2:57:15 PM	6.0000	6.0000	6.619
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	188	0.515	104.95	3:59:39 PM	5.8500	5.9557	6.184
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	195	0.534	8.58	3:34:43 PM	5.9250	5.9701	6.015
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	202	0.553	54.24	2:30:26 PM	6.0000	6.0537	6.192
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	209	0.572	185.40	3:56:30 PM	6.0000	6.0216	6.277
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	215	0.589	39.33	3:46:28 PM	5.8000	5.9663	6.292
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	223	0.611	96.38	3:45:59 PM	5.8500	5.9604	6.145
RPGB 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	225	0.616	-	-	-	-	6.251
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	230	0.63	21.10	11:36:15 AM	6.0500	6.0762	6.263
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	237	0.649	10.00	9:40:58 AM	6.2100	6.2100	6.453
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	244	0.668	-	-	-	-	6.720
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	258	0.706	22.44	3:29:55 PM	6.0000	6.0087	6.636
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	265	0.726	20.58	11:07:33 AM	6.0750	6.2153	6.275
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	272	0.745	2.00	2:05:02 PM	6.1250	6.1250	6.949

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RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	279	0.764	90.11	3:43:32 PM	5.9500	6.0967	6.209
RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	286	0.783	0.90	3:52:02 PM	6.0000	6.0000	6.285
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	293	0.802	131.34	3:25:02 PM	6.0000	6.0128	6.017
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	300	0.821	21.00	10:43:57 AM	6.0500	6.0500	6.150
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	307	0.841	40.00	2:57:21 PM	6.0000	6.0000	6.145
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	309	0.846	251.00	3:35:50 PM	6.0250	6.0364	6.040
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	314	0.86	-	-	-	-	6.152
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	321	0.879	214.59	11:41:23 AM	6.0500	6.0495	6.050
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	328	0.898	58.51	11:58:27 AM	6.0500	6.0427	6.531
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	356	0.975	81.21	3:53:47 PM	6.1000	6.0667	6.192
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	360	0.986	112.00	3:36:36 PM	6.0400	6.0420	6.054
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	363	0.994	297.39	3:01:59 PM	6.0500	6.0558	6.167
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	397	1.087	4.50	3:26:46 PM	6.0500	6.0500	6.364
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	450	1.232	369.24	3:16:17 PM	6.0500	6.0862	6.050
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	580	1.588	-	-	-	-	6.278
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	581	1.591	-	-	-	-	6.259
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	608	1.665	-	-	-	-	6.370
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	699	1.914	-	-	-	-	6.532
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	739	2.023	45.84	3:08:10 PM	6.1000	6.1003	6.200
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	776	2.125	8.90	3:33:13 PM	6.1250	6.1250	6.150
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	793	2.171	100.00	10:47:34 AM	6.1700	6.1600	6.160
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	832	2.278	-	-	-	-	6.737
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	878	2.404	318.12	3:31:55 PM	6.1000	6.1288	6.134
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1007	2.757	-	-	-	-	6.228
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1042	2.853	-	-	-	-	6.330
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1098	3.006	10.00	3:59:03 PM	6.1900	6.1900	6.653
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1105	3.025	25.15	3:51:22 PM	6.2000	6.1999	6.274
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1152	3.154	-	-	-	-	5.793
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1293	3.54	-	-	-	-	6.587
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1335	3.655	-	-	-	-	6.496
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1369	3.748	-	-	-	-	6.400
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1417	3.88	212.30	3:57:44 PM	6.1750	6.1954	6.195
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1419	3.885	-	-	-	-	6.384
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1495	4.093	-	-	-	-	6.393
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1511	4.137	9677.00	3:39:08 PM	6.2000	6.2120	6.207
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1555	4.257	55.60	2:55:37 PM	6.2250	6.2275	6.268
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1593	4.361	-	-	-	-	6.402
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1671	4.575	2.76	3:43:59 PM	6.5250	6.5114	6.371
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1740	4.764	-	-	-	-	6.415
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1920	5.257	200.00	10:00:19 AM	6.3635	6.3595	6.359
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1964	5.377	-	-	-	-	6.332
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2027	5.55	-	-	-	-	6.436

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2042	5.591	-	-	-	-	6.532
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2125	5.818	-	-	-	-	6.435
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2277	6.234	3589.80	3:53:39 PM	6.2125	6.2489	6.223
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2279	6.24	-	-	-	-	6.408
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2427	6.645	178.10	3:03:58 PM	6.3000	6.3146	6.310
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2468	6.757	-	-	-	-	6.424
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2508	6.867	-	-	-	-	6.433
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2559	7.006	-	-	-	-	6.438
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2803	7.674	6.50	2:57:22 PM	6.4250	6.4531	6.555
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2833	7.756	-	-	-	-	6.473
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2881	7.888	-	-	-	-	6.438
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2965	8.118	-	-	-	-	6.467
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3029	8.293	-	-	-	-	6.412
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3154	8.635	-	-	-	-	6.645
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3352	9.177	4296.73	3:57:24 PM	6.3875	6.3891	6.383
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3609	9.881	-	-	-	-	6.503
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3646	9.982	5877.44	3:57:30 PM	6.3900	6.3936	6.389
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4148	11.357	-	-	-	-	6.508
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4210	11.526	-	-	-	-	6.570
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4392	12.025	-	-	-	-	6.488
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4566	12.501	652.42	3:28:55 PM	6.3900	6.3984	6.369
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4644	12.715	-	-	-	-	6.452
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4764	13.043	2.00	3:16:26 PM	6.4650	6.4650	6.479
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4792	13.12	8.00	3:55:55 PM	6.4500	6.4625	6.788
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	5002	13.695	-	-	-	-	6.544
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5065	13.867	-	-	-	-	6.553
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5177	14.174	-	-	-	-	6.739
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5771	15.8	-	-	-	-	6.682
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6100	16.701	-	-	-	-	6.732
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6177	16.912	-	-	-	-	6.718
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6465	17.7	2.35	3:09:43 PM	6.5400	6.5400	6.800
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6696	18.333	-	-	-	-	6.843
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6786	18.579	2.00	11:59:40 AM	6.7500	6.7500	6.859
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6855	18.768	-	-	-	-	6.757
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6976	19.099	-	-	-	-	6.887
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7906	21.645	0.50	2:24:12 PM	6.8000	6.8000	6.951