

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 06/03/20	RPTB 0 06/03/20	PIBL1219F229	-	6/4/2019	6/3/2020	7	0.02	1.256000	10:06:52 AM	2.1000	2.1000	2.106
RPTB 0 06/10/20	RPTB 0 06/10/20	PIBL1219F238	-	6/11/2019	6/10/2020	14	0.04	-	-	-	-	1.984
RPTB 0 06/17/20	RPTB 0 06/17/20	PIBL1219F247	-	6/19/2019	6/17/2020	21	0.06	-	-	-	-	2.127
RPTB 0 06/24/20	RPTB 0 06/24/20	PIBL1219F256	-	6/26/2019	6/24/2020	28	0.08	2736.353200	1:56:24 PM	2.0500	2.0465	2.058
RPTB 0 07/08/20	RPTB 0 07/08/20	PIBL1219G264	-	7/10/2019	7/8/2020	42	0.12	6.340000	11:57:45 AM	1.6500	1.6500	2.075
RPTB 0 07/15/20	RPTB 0 07/15/20	PIBL0620A019	-	1/15/2020	7/15/2020	49	0.13	-	-	-	-	2.068
RPTB 0 07/22/20	RPTB 0 07/22/20	PIBL1219G273	-	7/24/2019	7/22/2020	56	0.15	-	-	-	-	2.348
RPTB 0 07/29/20	RPTB 0 07/29/20	PIBL0620A028	-	1/29/2020	7/29/2020	63	0.17	-	-	-	-	2.146
RPTB 0 08/05/20	RPTB 0 08/05/20	PIBL1219H281	-	8/7/2019	8/5/2020	70	0.19	27.844000	1:09:07 PM	2.0100	2.0096	2.187
RPTB 0 08/12/20	RPTB 0 08/12/20	PIBL0620B036	-	2/12/2020	8/12/2020	77	0.21	-	-	-	-	2.096
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.2500	8/19/2010	8/19/2020	84	0.23	-	-	-	-	2.323
RPTB 0 08/19/20	RPTB 0 08/19/20	PIBL1219H290	-	8/20/2019	8/19/2020	84	0.23	8.704000	11:59:43 AM	2.0150	2.0315	2.030
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.3750	8/20/2015	8/20/2020	85	0.23	265.000000	11:06:18 AM	2.1500	2.1500	2.143
RPTB 0 08/26/20	RPTB 0 08/26/20	PIBL0620B045	-	2/26/2020	8/26/2020	91	0.25	1764.835600	1:59:27 PM	2.0250	2.0254	2.024
RPTB 0 09/02/20	RPTB 0 09/02/20	PIBL1219I306	-	9/4/2019	9/2/2020	98	0.27	1.500000	9:56:21 AM	2.0150	2.0150	2.174
RPTB 0 09/09/20	RPTB 0 09/09/20	PIBL0620C053	-	3/11/2020	9/9/2020	105	0.29	-	-	-	-	2.453
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.1250	9/16/2010	9/16/2020	112	0.31	-	-	-	-	2.371
RPTB 0 09/16/20	RPTB 0 09/16/20	PIBL1219I315	-	9/18/2019	9/16/2020	112	0.31	-	-	-	-	2.134
RPTB 0 10/07/20	RPTB 0 10/07/20	PIBL1219J323	-	10/9/2019	10/7/2020	133	0.36	-	-	-	-	2.233
RPTB 0 10/14/20	RPTB 0 10/14/20	PIBL0620D098	-	4/15/2020	10/14/2020	140	0.38	-	-	-	-	2.284
RPTB 0 10/21/20	RPTB 0 10/21/20	PIBL1219J332	-	10/23/2019	10/21/2020	147	0.40	-	-	-	-	2.278
RPTB 0 10/28/20	RPTB 0 10/28/20	PIBL0620D114	-	4/29/2020	10/28/2020	154	0.42	-	-	-	-	2.240
RPTB 0 11/04/20	RPTB 0 11/04/20	PIBL1219K358	-	11/6/2019	11/4/2020	161	0.44	-	-	-	-	2.296
RPTB 0 11/11/20	RPTB 0 11/11/20	PIBL0620E122	-	5/13/2020	11/11/2020	168	0.46	5.748000	1:47:07 PM	2.0750	2.0757	2.292
RPTB 0 11/18/20	RPTB 0 11/18/20	PIBL1219K367	-	11/20/2019	11/18/2020	175	0.48	178.366400	1:38:19 PM	2.0850	2.0843	2.109
RPTB 0 11/25/20	RPTB 0 11/25/20	PIBL0620E131	-	5/27/2020	11/25/2020	182	0.50	340.795000	1:40:20 PM	2.0850	2.1128	2.125
RPTB 0 12/02/20	RPTB 0 12/02/20	PIBL1219L375	-	12/4/2019	12/2/2020	189	0.52	-	-	-	-	2.239
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.8750	12/16/2010	12/16/2020	203	0.56	-	-	-	-	2.458
RPTB 0 01/06/21	RPTB 0 01/06/21	PIBL1220A017	-	1/8/2020	1/6/2021	224	0.61	-	-	-	-	2.417
RPTB 0 01/13/21	RPTB 0 01/13/21	PIBL1220A026	-	1/15/2020	1/13/2021	231	0.63	-	-	-	-	2.485
RPTB 0 01/20/21	RPTB 0 01/20/21	PIBL1220A035	-	1/22/2020	1/20/2021	238	0.65	-	-	-	-	2.298
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.2500	1/25/2018	1/25/2021	243	0.67	-	-	-	-	2.542
RPTB 0 01/27/21	RPTB 0 01/27/21	PIBL1220A044	-	1/29/2020	1/27/2021	245	0.67	-	-	-	-	2.420
RPTB 0 02/03/21	RPTB 0 02/03/21	PIBL1220B052	-	2/5/2020	2/3/2021	252	0.69	5.050000	10:53:32 AM	2.1800	2.1800	2.581
RPTB 0 02/10/21	RPTB 0 02/10/21	PIBL1220B061	-	2/12/2020	2/10/2021	259	0.71	-	-	-	-	2.476

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 02/17/21	RPTB 0 02/17/21	PIBL1220B070	-	2/19/2020	2/17/2021	266	0.73	0.510000	10:10:43 AM	2.4000	2.4000	2.532
RPTB 0 02/24/21	RPTB 0 02/24/21	PIBL1220B089	-	2/26/2020	2/24/2021	273	0.75	-	-	-	-	2.555
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.3750	3/3/2011	3/3/2021	280	0.77	-	-	-	-	2.471
RPTB 0 03/03/21	RPTB 0 03/03/21	PIBL1220C097	-	3/4/2020	3/3/2021	280	0.77	-	-	-	-	2.522
RPTB 0 03/10/21	RPTB 0 03/10/21	PIBL1220C104	-	3/11/2020	3/10/2021	287	0.79	-	-	-	-	2.532
RPTB 0 03/17/21	RPTB 0 03/17/21	PIBL1220C113	-	3/18/2020	3/17/2021	294	0.81	85.628000	1:25:30 PM	2.3750	2.3750	2.675
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5000	3/20/2014	3/20/2021	297	0.81	200.000000	1:04:28 PM	2.5000	2.5000	2.543
RPTB 0 04/07/21	RPTB 0 04/07/21	PIBL1220D149	-	4/8/2020	4/7/2021	315	0.86	2.000000	10:10:30 AM	2.4000	2.4000	2.715
RPTB 0 04/14/21	RPTB 0 04/14/21	PIBL1220D158	-	4/15/2020	4/14/2021	322	0.88	520.400000	10:57:37 AM	2.4550	2.4568	2.519
RPTB 0 04/21/21	RPTB 0 04/21/21	PIBL1220D167	-	4/22/2020	4/21/2021	329	0.90	-	-	-	-	2.575
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5000	4/28/2011	4/28/2021	336	0.92	-	-	-	-	2.544
RPTB 0 04/28/21	RPTB 0 04/28/21	PIBL1220D176	-	4/29/2020	4/28/2021	336	0.92	-	-	-	-	2.557
RPTB 0 05/05/21	RPTB 0 05/05/21	PIBL1220E184	-	5/6/2020	5/5/2021	343	0.94	379.194000	1:33:29 PM	2.5500	2.4958	2.510
RPTB 0 05/12/21	RPTB 0 05/12/21	PIBL1220E193	-	5/13/2020	5/12/2021	350	0.96	42.069000	1:09:43 PM	2.4900	2.4890	2.555
RPTB 0 05/19/21	RPTB 0 05/19/21	PIBL1220E200	-	5/20/2020	5/19/2021	357	0.98	43.017000	1:55:58 PM	2.4900	2.4851	2.597
RPTB 0 05/26/21	RPTB 0 05/26/21	PIBL1220E219	-	5/27/2020	5/26/2021	364	1.00	2551.643000	1:46:14 PM	2.4850	2.4883	2.515
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.8750	6/13/2018	6/13/2021	382	1.05	454.239000	1:34:09 PM	2.5750	2.5566	2.567
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.7500	10/20/2011	10/20/2021	511	1.40	-	-	-	-	2.557
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.7500	11/24/2011	11/24/2021	546	1.50	-	-	-	-	2.573
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.3750	7/19/2011	1/19/2022	602	1.65	13.000000	10:22:38 AM	2.6325	2.6325	2.683
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4.0000	1/26/2017	1/26/2022	609	1.67	1052.130000	1:33:00 PM	2.5250	2.5619	2.542
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15.0000	3/14/2002	3/14/2022	656	1.80	-	-	-	-	2.598
RPGB 4 3/4 07/04/22	FXTN 03-24	PIBD0322G247	4.7500	7/4/2019	7/4/2022	768	2.10	1295.200000	1:05:04 PM	2.6050	2.6016	2.602
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.8750	8/2/2012	8/2/2022	797	2.18	-	-	-	-	2.626
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.7500	9/13/2012	9/13/2022	839	2.30	-	-	-	-	2.639
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.7500	10/17/2002	10/17/2022	873	2.39	-	-	-	-	2.645
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.6250	12/4/2017	12/4/2022	921	2.52	373.200000	11:55:54 AM	2.5950	2.6118	2.605
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4.0000	12/6/2012	12/6/2022	923	2.53	-	-	-	-	2.655
RPGB 4 3/8 02/11/23	RTB 03-10	PIID0323B101	4.3750	2/11/2020	2/11/2023	990	2.71	1688.940000	1:57:18 PM	2.5950	2.6064	2.598
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13.0000	2/20/2003	2/20/2023	999	2.74	-	-	-	-	2.668
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5000	3/8/2018	3/8/2023	1,015	2.78	325.000000	10:23:36 AM	2.6263	2.6165	2.638
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5000	4/21/2016	4/21/2023	1,059	2.90	1150.000000	10:15:24 AM	2.6200	2.6233	2.628
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.8750	5/29/2003	5/29/2023	1,097	3.00	-	-	-	-	2.686
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.2500	8/15/2013	8/15/2023	1,175	3.22	138.550000	11:10:27 AM	2.9000	2.9523	2.957
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.3750	10/23/2003	10/23/2023	1,244	3.41	-	-	-	-	2.705

Global ID	Local ID	Domestic No.	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
RPGB 6 1/4 03/12/24	RTB 05-12	PIID0524C129	6.2500	3/12/2019	3/12/2024	1,385	3.79	29.500000	1:45:56 PM	2.6450	2.6465	2.665
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5000	4/20/2017	4/20/2024	1,424	3.90	-	-	-	-	2.747
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.3750	6/3/2004	6/3/2024	1,468	4.02	-	-	-	-	2.735
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.8750	8/5/2004	8/5/2024	1,531	4.19	-	-	-	-	2.745
RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.1250	8/20/2014	8/20/2024	1,546	4.23	-	-	-	-	2.839
RPGB 4 1/4 10/17/24	FXTN 05-76	PIBD0524J762	4.2500	10/17/2019	10/17/2024	1,604	4.39	723.940000	1:57:02 PM	2.7000	2.6608	2.677
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.7500	11/11/2004	11/11/2024	1,629	4.46	-	-	-	-	2.761
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.7500	4/12/2018	4/12/2025	1,781	4.88	11.400000	9:24:44 AM	2.7000	2.7000	2.744
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.1250	4/14/2005	4/14/2025	1,783	4.88	-	-	-	-	2.785
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.6250	9/9/2015	9/9/2025	1,931	5.29	100.000000	1:34:56 PM	2.8750	2.9000	2.886
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.1250	10/20/2005	10/20/2025	1,972	5.40	-	-	-	-	2.823
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.2500	11/29/2000	11/29/2025	2,012	5.51	-	-	-	-	2.832
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.2500	1/19/2006	1/19/2026	2,063	5.65	-	-	-	-	2.843
RPGB 6 1/4 02/14/26	FXTN 07-62	PIBD0726B627	6.2500	2/14/2019	2/14/2026	2,089	5.72	157.600000	11:54:00 AM	2.7150	2.7077	2.715
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5000	9/20/2016	9/20/2026	2,307	6.32	163.750000	11:55:22 AM	3.5000	3.4553	3.496
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.2500	10/20/2011	10/20/2026	2,337	6.40	-	-	-	-	2.909
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8.0000	12/7/2006	12/7/2026	2,385	6.53	-	-	-	-	2.923
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.3750	3/1/2012	3/1/2027	2,469	6.76	-	-	-	-	2.972
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.7500	5/4/2017	5/4/2027	2,533	6.94	6.000000	9:31:04 AM	3.2750	3.2750	3.018
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.6250	9/6/2007	9/6/2027	2,658	7.28	-	-	-	-	3.016
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.2500	3/22/2018	3/22/2028	2,856	7.82	115.360000	1:16:24 PM	3.1200	3.1215	3.110
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5000	12/4/2008	12/4/2028	3,113	8.52	-	-	-	-	3.116
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.8750	1/10/2019	1/10/2029	3,150	8.62	9822.620000	1:59:42 PM	3.0500	3.0721	3.056
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.7500	5/27/2010	5/27/2030	3,652	10.00	-	-	-	-	3.226
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5000	7/28/2005	7/28/2030	3,714	10.17	-	-	-	-	3.220
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.2500	1/26/2006	1/26/2031	3,896	10.67	-	-	-	-	3.250
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8.0000	7/19/2011	7/19/2031	4,070	11.14	866.830000	1:57:24 PM	3.2115	3.2299	3.228
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.3750	10/5/2006	10/5/2031	4,148	11.36	-	-	-	-	3.305
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.8750	2/2/2012	2/2/2032	4,268	11.69	25.000000	11:57:52 AM	3.4030	3.4030	3.402
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.8750	3/1/2012	3/1/2032	4,296	11.76	16.325000	1:14:21 PM	3.6500	3.6500	3.387
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.7500	9/27/2012	9/27/2032	4,506	12.34	-	-	-	-	3.414
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5000	11/29/2007	11/29/2032	4,569	12.51	-	-	-	-	3.448
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.6250	3/21/2013	3/21/2033	4,681	12.82	26.840000	1:01:02 PM	3.9950	3.9941	3.950
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.2500	11/5/2009	11/5/2034	5,275	14.44	-	-	-	-	3.706
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8.0000	9/30/2010	9/30/2035	5,604	15.34	-	-	-	-	3.825

<b>Global ID</b>	<b>Local ID</b>	<b>Domestic No.</b>	<b>Coupon</b>	<b>Issue Date</b>	<b>Maturity</b>	<b>Days</b>	<b>Years</b>	<b>D.Vol(MM)</b>	<b>Traded Time</b>	<b>Last Yield</b>	<b>W.Ave Yield</b>	<b>BVAL Rate</b>
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.1250	12/16/2010	12/16/2035	5,681	15.55	69.476688	1:18:18 PM	4.2500	4.2112	4.238
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.6250	9/29/2011	9/29/2036	5,969	16.34	-	-	-	-	3.921
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.2500	5/18/2017	5/18/2037	6,200	16.98	30.000000	10:04:14 AM	4.0500	4.0500	4.021
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.7500	8/16/2012	8/16/2037	6,290	17.22	-	-	-	-	4.003
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.1250	10/24/2012	10/24/2037	6,359	17.41	88.358000	11:57:45 AM	4.2000	4.2011	4.171
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5000	2/22/2018	2/22/2038	6,480	17.74	-	-	-	-	4.294
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.7500	1/24/2019	1/24/2039	6,816	18.66	789.060000	1:58:23 PM	3.7900	3.8274	3.795
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.6250	9/9/2015	9/9/2040	7,410	20.29	16.171879	11:56:37 AM	4.3750	4.3660	4.280