

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 01/30/19	RPTB 0 01/30/19	PIBL1218A020	-	1/31/2018	1/30/2019	7	0.019	4.00	2:41:47 PM	4.8000	5.1375	4.600	
RPTB 0 02/06/19	RPTB 0 02/06/19	PIBL0618H132	-	8/8/2018	2/6/2019	14	0.038	0.16	10:16:30 AM	5.0500	5.0500	5.289	
RPTB 0 02/13/19	RPTB 0 02/13/19	PIBL1218B038	-	2/14/2018	2/13/2019	21	0.057	27.05	2:21:19 PM	5.0000	4.7455	5.286	
RPG B 7 7/8 02/19/19	FXTN 10-48	PIBD1019B485	7.875	2/19/2009	2/19/2019	27	0.074	122.17	3:49:54 PM	5.5300	5.4939	5.502	
RPTB 0 02/20/19	RPTB 0 02/20/19	PIBL0618H141	-	8/22/2018	2/20/2019	28	0.077	15.51	2:53:11 PM	4.8000	4.8404	5.313	
RPTB 0 02/27/19	RPTB 0 02/27/19	PIBL0618H150	-	8/29/2018	2/27/2019	35	0.096	0.80	10:19:44 AM	4.9000	4.9000	5.506	
RPTB 0 03/06/19	RPTB 0 03/06/19	PIBL0618I168	-	9/5/2018	3/6/2019	42	0.115	-	-	-	-	5.606	
RPTB 0 03/13/19	RPTB 0 03/13/19	PIBL1218C056	-	3/14/2018	3/13/2019	49	0.134	-	-	-	-	5.508	
RPTB 0 03/20/19	RPTB 0 03/20/19	PIBL0618I177	-	9/19/2018	3/20/2019	56	0.153	-	-	-	-	5.466	
RPTB 0 03/27/19	RPTB 0 03/27/19	PIBL1218C064	-	3/28/2018	3/27/2019	63	0.172	-	-	-	-	5.516	
RPTB 0 04/03/19	RPTB 0 04/03/19	PIBL0618J185	-	10/3/2018	4/3/2019	70	0.192	2.00	11:45:31 AM	5.1000	5.1000	5.215	
RPTB 0 04/10/19	RPTB 0 04/10/19	PIBL0618J194	-	10/10/2018	4/10/2019	77	0.211	-	-	-	-	5.364	
RPTB 0 04/17/19	RPTB 0 04/17/19	PIBL1218D090	-	4/18/2018	4/17/2019	84	0.23	760.86	3:30:01 PM	5.1400	5.2181	5.246	
RPTB 0 04/24/19	RPTB 0 04/24/19	PIBL1218D107	-	4/25/2018	4/24/2019	91	0.249	475.35	3:58:01 PM	5.3000	5.2726	5.282	
RPG B 5 04/26/19	FXTN 07-53	PIBD0719D531	5	4/26/2012	4/26/2019	93	0.255	3.37	11:38:31 AM	5.8300	5.8300	6.953	
RPTB 0 04/30/19	RPTB 0 04/30/19	PIBL0618J201	-	10/31/2018	4/30/2019	97	0.266	113.53	3:41:00 PM	5.3150	5.3160	5.303	
RPTB 0 05/08/19	RPTB 0 05/08/19	PIBL0618K218	-	11/7/2018	5/8/2019	105	0.287	-	-	-	-	6.269	
RPTB 0 05/15/19	RPTB 0 05/15/19	PIBL1218E132	-	5/16/2018	5/15/2019	112	0.307	-	-	-	-	6.194	
RPTB 0 05/22/19	RPTB 0 05/22/19	PIBL1218E142	-	5/23/2018	5/22/2019	119	0.326	50.00	3:35:29 PM	5.7000	5.7000	5.700	
RPTB 0 05/29/19	RPTB 0 05/29/19	PIBL1218E151	-	5/30/2018	5/29/2019	126	0.345	109.95	3:51:06 PM	5.6750	5.6731	5.767	
RPTB 0 06/05/19	RPTB 0 06/05/19	PIBL1218F169	-	6/6/2018	6/5/2019	133	0.364	-	-	-	-	6.201	
RPTB 0 06/11/19	RPTB 0 06/11/19	PIBL1218F178	-	6/13/2018	6/11/2019	139	0.381	11.83	2:48:46 PM	5.7000	5.7381	5.860	
RPTB 0 06/19/19	RPTB 0 06/19/19	PIBL1218F188	-	6/20/2018	6/19/2019	147	0.402	0.51	2:12:24 PM	5.7000	5.7000	6.195	
RPTB 0 06/26/19	RPTB 0 06/26/19	PIBL1218F196	-	6/27/2018	6/26/2019	154	0.422	1.00	11:50:03 AM	5.8000	5.8000	6.243	
RPTB 0 07/03/19	RPTB 0 07/03/19	PIBL1218G202	-	7/4/2018	7/3/2019	161	0.441	-	-	-	-	6.432	
RPTB 0 07/10/19	RPTB 0 07/10/19	PIBL1218G211	-	7/11/2018	7/10/2019	168	0.46	1.40	3:52:28 PM	5.8500	5.6714	5.912	
RPTB 0 07/17/19	RPTB 0 07/17/19	PIBL1218G220	-	7/18/2018	7/17/2019	175	0.479	47.95	3:57:58 PM	5.7000	5.7982	5.833	
RPG B 4 3/4 07/19/19	FXTN 07-54	PIBD0719G547	4.75	7/19/2012	7/19/2019	177	0.485	25.63	11:58:04 AM	5.8500	5.9468	5.914	
RPTB 0 07/24/19	RPTB 0 07/24/19	PIBL1218G239	-	7/25/2018	7/24/2019	182	0.498	990.67	3:57:03 PM	5.7750	5.8333	5.842	
RPTB 0 07/31/19	RPTB 0 07/31/19	PIBL1218H249	-	8/1/2018	7/31/2019	189	0.517	5.76	2:44:27 PM	5.7500	5.7500	6.015	
RPTB 0 08/07/19	RPTB 0 08/07/19	PIBL1218H256	-	8/8/2018	8/7/2019	196	0.537	11.70	2:49:48 PM	5.9000	5.8906	6.201	
RPTB 0 08/14/19	RPTB 0 08/14/19	PIBL1218H265	-	8/15/2018	8/14/2019	203	0.556	1.02	11:23:20 AM	5.7750	5.7750	6.119	
RPTB 0 08/20/19	RPTB 0 08/20/19	PIBL1218H274	-	8/22/2018	8/20/2019	209	0.572	7.59	3:32:54 PM	5.9200	5.9028	6.305	
RPTB 0 08/28/19	RPTB 0 08/28/19	PIBL1218H283	-	8/29/2018	8/28/2019	217	0.594	8.40	2:26:37 PM	5.7750	5.7750	6.145	
RPG B 4 3/4 08/30/19	FXTN 07-55	PIBD0719H555	4.75	8/30/2012	8/30/2019	219	0.6	-	-	-	-	6.126	
RPTB 0 09/04/19	RPTB 0 09/04/19	PIBL1218I291	-	9/5/2018	9/4/2019	224	0.613	20.56	9:38:18 AM	5.8250	5.8250	6.001	
RPTB 0 09/11/19	RPTB 0 09/11/19	PIBL1218I308	-	9/12/2018	9/11/2019	231	0.632	7.91	3:34:03 PM	5.8500	5.9074	5.950	
RPTB 0 09/18/19	RPTB 0 09/18/19	PIBL1218I317	-	9/19/2018	9/18/2019	238	0.652	-	-	-	-	6.436	
RPTB 0 10/02/19	RPTB 0 10/02/19	PIBL1218J334	-	10/3/2018	10/2/2019	252	0.69	2.60	11:57:09 AM	5.9750	5.9750	6.018	
RPTB 0 10/09/19	RPTB 0 10/09/19	PIBL1218J343	-	10/10/2018	10/9/2019	259	0.709	-	-	-	-	6.109	
RPTB 0 10/16/19	RPTB 0 10/16/19	PIBL1218J352	-	10/17/2018	10/16/2019	266	0.728	-	-	-	-	6.666	
RPTB 0 10/23/19	RPTB 0 10/23/19	PIBL1218J361	-	10/24/2018	10/23/2019	273	0.747	60.19	3:47:30 PM	5.8000	5.8000	5.883	

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RPTB 0 10/30/19	RPTB 0 10/30/19	PIBL1218J370	-	10/31/2018	10/30/2019	280	0.767	500.00	-	-	-	-	5.950
RPTB 0 11/06/19	RPTB 0 11/06/19	PIBL1218K387	-	11/7/2018	11/6/2019	287	0.786	667.65	3:37:13 PM	5.9000	5.9730	-	5.973
RPTB 0 11/13/19	RPTB 0 11/13/19	PIBL1218K396	-	11/14/2018	11/13/2019	294	0.805	75.13	2:27:11 PM	5.9000	5.9500	-	6.032
RPTB 0 11/20/19	RPTB 0 11/20/19	PIBL1218K403	-	11/21/2018	11/20/2019	301	0.824	10.05	3:21:00 PM	5.9000	5.9000	-	5.968
RPGB 3 7/8 11/22/19	FXTN 07-56	PIBD0719K560	3.875	11/22/2012	11/22/2019	303	0.83	851.23	3:49:23 PM	5.9900	5.9985	-	6.027
RPTB 0 11/27/19	RPTB 0 11/27/19	PIBL1218K412	-	11/28/2018	11/27/2019	308	0.843	-	-	-	-	-	6.152
RPTB 0 12/04/19	RPTB 0 12/04/19	PIBL1218L420	-	12/5/2018	12/4/2019	315	0.862	18.52	3:10:43 PM	5.9100	5.9100	-	5.925
RPTB 0 12/11/19	RPTB 0 12/11/19	PIBL1218L439	-	12/12/2018	12/11/2019	322	0.882	4.72	3:15:47 PM	5.9750	5.9100	-	6.223
RPTB 0 01/08/20	RPTB 0 01/08/20	PIBL1219A019	-	1/9/2019	1/8/2020	350	0.958	5.24	3:07:15 PM	6.0500	6.0500	-	6.189
RPGB 3 3/8 01/12/20	FXTN 03-22	PIBD0320A229	3.375	1/12/2017	1/12/2020	354	0.969	69.47	11:09:20 AM	6.0000	6.0070	-	6.044
RPTB 0 01/15/20	RPTB 0 01/15/20	PIBL1219A028	-	1/16/2019	1/15/2020	357	0.977	1.02	3:15:35 PM	5.8800	5.8800	-	6.167
RPTB 0 01/22/20	RPTB 0 01/22/20	PIBL1219A037	-	1/23/2019	1/22/2020	364	0.997	281.62	3:51:49 PM	5.9300	5.9394	-	6.163
RPGB 7 3/4 02/18/20	FXTN 10-50	PIBD1020B508	7.75	2/18/2010	2/18/2020	391	1.071	-	-	-	-	-	6.214
RPGB 4 1/4 04/11/20	RTB 03-08	PIID0320D087	4.25	4/11/2017	4/11/2020	444	1.216	82.82	3:39:10 PM	6.1000	6.1020	-	6.087
RPGB 7 1/4 08/19/20	RTB 10-01	PIID1020H015	7.25	8/19/2010	8/19/2020	574	1.572	-	-	-	-	-	6.194
RPGB 3 3/8 08/20/20	FXTN 05-73	PIBD0520H735	3.375	8/20/2015	8/20/2020	575	1.574	46.35	3:35:55 PM	6.1550	6.1679	-	6.181
RPGB 6 1/8 09/16/20	FXTN 10-51	PIBD1020I510	6.125	9/16/2010	9/16/2020	602	1.648	-	-	-	-	-	6.285
RPGB 5 7/8 12/16/20	FXTN 10-52	PIBD1020L525	5.875	12/16/2010	12/16/2020	693	1.897	0.50	2:45:35 PM	6.0800	6.0800	-	6.449
RPGB 4 1/4 01/25/21	FXTN 03-23	PIBD0321A236	4.25	1/25/2018	1/25/2021	733	2.007	50.00	10:32:33 AM	6.1900	6.1900	-	6.210
RPGB 7 3/8 03/03/21	RTB 10-02	PIID1021C027	7.375	3/3/2011	3/3/2021	770	2.108	36.00	11:50:54 AM	6.1500	6.1481	-	6.076
RPGB 3 1/2 03/20/21	FXTN 07-57	PIBD0721C574	3.5	3/20/2014	3/20/2021	787	2.155	4.38	2:53:18 PM	6.1900	6.0925	-	6.195
RPGB 6 1/2 04/28/21	FXTN 10-53	PIBD1021D531	6.5	4/28/2011	4/28/2021	826	2.261	-	-	-	-	-	6.723
RPGB 4 7/8 06/13/21	RTB 03-09	PIID0321F092	4.875	6/13/2018	6/13/2021	872	2.387	3.24	2:46:57 PM	6.1000	6.0991	-	6.133
RPGB 5 3/4 10/20/21	RTB 10-03	PIID1021J039	5.75	10/20/2011	10/20/2021	1001	2.741	-	-	-	-	-	6.167
RPGB 5 3/4 11/24/21	FXTN 10-55	PIBD1021K551	5.75	11/24/2011	11/24/2021	1036	2.836	2.00	2:06:25 PM	6.1500	6.1500	-	6.333
RPGB 6 3/8 01/19/22	FXTN 10-54	PIBD1022G545	6.375	7/19/2011	1/19/2022	1092	2.99	113.60	11:58:41 AM	6.1800	6.1798	-	6.623
RPGB 4 01/26/22	FXTN 05-74	PIBD0522A747	4	1/26/2017	1/26/2022	1099	3.009	56.00	2:50:30 PM	6.1650	6.1784	-	6.242
RPGB 15 03/14/22	FXTN 20-02	PIBD2022C021	15	3/14/2002	3/14/2022	1146	3.138	-	-	-	-	-	5.747
RPGB 4 7/8 08/02/22	FXTN 10-56	PIBD1022H562	4.875	8/2/2012	8/2/2022	1287	3.524	1.38	11:59:46 AM	6.2750	6.2750	-	6.540
RPGB 4 3/4 09/13/22	FXTN 10-57	PIBD1022I570	4.75	9/13/2012	9/13/2022	1329	3.639	-	-	-	-	-	6.452
RPGB 12 3/4 10/17/22	FXTN 20-03	PIBD2022J033	12.75	10/17/2002	10/17/2022	1363	3.732	-	-	-	-	-	6.359
RPGB 4 5/8 12/04/22	RTB 05-11	PIID0522L114	4.625	12/4/2017	12/4/2022	1411	3.863	246.00	3:59:25 PM	6.2100	6.1894	-	6.182
RPGB 4 12/06/22	FXTN 10-58	PIBD1022L585	4	12/6/2012	12/6/2022	1413	3.869	1.06	2:22:07 PM	6.2500	6.2500	-	6.346
RPGB 13 02/20/23	FXTN 20-04	PIBD2023B048	13	2/20/2003	2/20/2023	1489	4.077	-	-	-	-	-	6.373
RPGB 5 1/2 03/08/23	FXTN 05-75	PIBD0523C752	5.5	3/8/2018	3/8/2023	1505	4.12	1390.21	3:55:17 PM	6.2230	6.2124	-	6.223
RPGB 3 1/2 04/21/23	FXTN 07-58	PIBD0723D588	3.5	4/21/2016	4/21/2023	1549	4.241	107.30	3:50:09 PM	6.2500	6.2500	-	6.250
RPGB 11 7/8 05/29/23	FXTN 20-05	PIBD2023E054	11.875	5/29/2003	5/29/2023	1587	4.345	-	-	-	-	-	6.370
RPGB 3 1/4 08/15/23	RTB 10-04	PIID1023H046	3.25	8/15/2013	8/15/2023	1665	4.559	59.68	3:49:04 PM	6.3500	6.3496	-	6.350
RPGB 11 3/8 10/23/23	FXTN 20-06	PIBD2023J068	11.375	10/23/2003	10/23/2023	1734	4.747	-	-	-	-	-	6.387
RPGB 4 1/2 04/20/24	FXTN 07-59	PIBD0724D595	4.5	4/20/2017	4/20/2024	1914	5.24	2.90	3:19:47 PM	6.3195	6.3195	-	6.365
RPGB 12 3/8 06/03/24	FXTN 20-07	PIBD2024F075	12.375	6/3/2004	6/3/2024	1958	5.361	-	-	-	-	-	6.309
RPGB 12 7/8 08/05/24	FXTN 20-08	PIBD2024H086	12.875	8/5/2004	8/5/2024	2021	5.533	-	-	-	-	-	6.412

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RPGB 4 1/8 08/20/24	FXTN 10-59	PIBD1024H595	4.125	8/20/2014	8/20/2024	2036	5.574	0.24	11:54:54 AM	6.3000	6.3000	6.538
RPGB 13 3/4 11/11/24	FXTN 20-09	PIBD2024K091	13.75	11/11/2004	11/11/2024	2119	5.802	-	-	-	-	6.411
RPGB 5 3/4 04/12/25	FXTN 07-61	PIBD0725D618	5.75	4/12/2018	4/12/2025	2271	6.218	404.00	3:56:25 PM	6.2900	6.2915	6.293
RPGB 12 1/8 04/14/25	FXTN 20-10	PIBD2025D103	12.125	4/14/2005	4/14/2025	2273	6.223	-	-	-	-	6.385
RPGB 3 5/8 09/09/25	FXTN 10-60	PIBD1025I608	3.625	9/9/2015	9/9/2025	2421	6.628	0.30	11:32:37 AM	6.3500	6.3500	6.307
RPGB 12 1/8 10/20/25	FXTN 20-11	PIBD2025J116	12.125	10/20/2005	10/20/2025	2462	6.741	-	-	-	-	6.400
RPGB 18 1/4 11/29/25	FXTN 25-01	PIBD2525K015	18.25	11/29/2000	11/29/2025	2502	6.85	-	-	-	-	6.409
RPGB 10 1/4 01/19/26	FXTN 20-12	PIBD2026A122	10.25	1/19/2006	1/19/2026	2553	6.99	-	-	-	-	6.415
RPGB 3 1/2 09/20/26	RTB 10-05	PIID1026I057	3.5	9/20/2016	9/20/2026	2797	7.658	-	-	-	-	6.415
RPGB 6 1/4 10/20/26	RTB 15-01	PIID1526J019	6.25	10/20/2011	10/20/2026	2827	7.74	-	-	-	-	6.450
RPGB 8 12/07/26	FXTN 20-13	PIBD2026L139	8	12/7/2006	12/7/2026	2875	7.871	-	-	-	-	6.416
RPGB 5 3/8 03/01/27	RTB 15-02	PIID1527C023	5.375	3/1/2012	3/1/2027	2959	8.101	-	-	-	-	6.446
RPGB 4 3/4 05/04/27	FXTN 10-61	PIBD1027E617	4.75	5/4/2017	5/4/2027	3023	8.277	-	-	-	-	6.442
RPGB 8 5/8 09/06/27	FXTN 20-14	PIBD2027I140	8.625	9/6/2007	9/6/2027	3148	8.619	-	-	-	-	6.624
RPGB 6 1/4 03/22/28	FXTN 10-63	PIBD1028C635	6.25	3/22/2018	3/22/2028	3346	9.161	2280.00	3:57:42 PM	6.4100	6.3946	6.406
RPGB 9 1/2 12/04/28	FXTN 20-15	PIBD2028L151	9.5	12/4/2008	12/4/2028	3603	9.864	-	-	-	-	6.496
RPGB 6 7/8 01/10/29	FXTN 10-64	PIBD1029A644	6.875	1/10/2019	1/10/2029	3640	9.966	1526.71	3:59:19 PM	6.4300	6.4054	6.425
RPGB 8 3/4 05/27/30	FXTN 20-16	PIBD2030E166	8.75	5/27/2010	5/27/2030	4142	11.34	-	-	-	-	6.516
RPGB 12 1/2 07/28/30	FXTN 25-02	PIBD2530G029	12.5	7/28/2005	7/28/2030	4204	11.51	-	-	-	-	6.579
RPGB 11 1/4 01/26/31	FXTN 25-03	PIBD2531A032	11.25	1/26/2006	1/26/2031	4386	12.008	-	-	-	-	6.501
RPGB 8 07/19/31	FXTN 20-17	PIBD2031G171	8	7/19/2011	7/19/2031	4560	12.485	6.70	3:39:56 PM	6.4775	6.4744	6.462
RPGB 9 3/8 10/05/31	FXTN 25-04	PIBD2531J042	9.375	10/5/2006	10/5/2031	4638	12.698	-	-	-	-	6.465
RPGB 5 7/8 02/02/32	FXTN 20-18	PIBD2032B183	5.875	2/2/2012	2/2/2032	4758	13.027	-	-	-	-	6.491
RPGB 5 7/8 03/01/32	RTB 20-01	PIID2032C014	5.875	3/1/2012	3/1/2032	4786	13.103	-	-	-	-	6.789
RPGB 5 3/4 09/27/32	FXTN 20-19	PIBD2032I195	5.75	9/27/2012	9/27/2032	4996	13.678	-	-	-	-	6.532
RPGB 8 1/2 11/29/32	FXTN 25-05	PIBD2532K057	8.5	11/29/2007	11/29/2032	5059	13.851	-	-	-	-	6.535
RPGB 3 5/8 03/21/33	FXTN 20-20	PIBD2033C206	3.625	3/21/2013	3/21/2033	5171	14.157	-	-	-	-	6.601
RPGB 9 1/4 11/05/34	FXTN 25-06	PIBD2534K062	9.25	11/5/2009	11/5/2034	5765	15.784	-	-	-	-	6.592
RPGB 8 09/30/35	FXTN 25-07	PIBD2535I071	8	9/30/2010	9/30/2035	6094	16.684	-	-	-	-	6.619
RPGB 8 1/8 12/16/35	FXTN 25-08	PIBD2535L086	8.125	12/16/2010	12/16/2035	6171	16.895	1.00	11:48:37 AM	6.6200	6.6200	6.600
RPGB 7 5/8 09/29/36	FXTN 25-09	PIBD2536I097	7.625	9/29/2011	9/29/2036	6459	17.684	-	-	-	-	6.668
RPGB 5 1/4 05/18/37	FXTN 20-21	PIBD2037E214	5.25	5/18/2017	5/18/2037	6690	18.316	-	-	-	-	6.702
RPGB 5 3/4 08/16/37	FXTN 25-10	PIBD2537H103	5.75	8/16/2012	8/16/2037	6780	18.563	-	-	-	-	6.716
RPGB 6 1/8 10/24/37	RTB 25-01	PIID2537J015	6.125	10/24/2012	10/24/2037	6849	18.752	0.50	3:21:07 PM	6.6800	6.6800	6.771
RPGB 6 1/2 02/22/38	FXTN 20-22	PIBD2038B224	6.5	2/22/2018	2/22/2038	6970	19.083	-	-	-	-	6.744
RPGB 6 3/4 01/24/39	FXTN 20-23	PIBD2039A232	6.75	1/24/2019	1/24/2039	7306	20.003	2879.90	3:59:23 PM	6.7450	6.7262	6.748
RPGB 4 5/8 09/09/40	FXTN 25-11	PIBD2540I116	4.625	9/9/2015	9/9/2040	7900	21.629	25.00	2:54:45 PM	6.7850	6.7850	6.919