

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBD0320A229	RPGB 3 3/8 01/12/20	3.375	1/12/2017	1/12/2020	429	1.175	-	-	-	-	6.755
PIBD0321A236	RPGB 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	808	2.212	128.00	2:10:27 PM	6.5500	6.5500	6.688
PIBD0520H735	RPGB 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	650	1.78	1.40	10:04:43 AM	6.6750	6.6750	6.773
PIBD0522A747	RPGB 4 01/26/22	4	1/26/2017	1/26/2022	1174	3.214	150.00	10:40:25 AM	6.7500	6.7833	6.880
PIBD0523C752	RPGB 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1580	4.326	454.00	2:37:12 PM	6.8500	6.8676	7.001
PIBD0719D531	RPGB 5 04/26/19	5	4/26/2012	4/26/2019	168	0.46	-	-	-	-	5.936
PIBD0719G547	RPGB 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	252	0.69	-	-	-	-	6.482
PIBD0719H555	RPGB 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	294	0.805	-	-	-	-	6.374
PIBD0719K560	RPGB 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	378	1.035	500.72	3:58:42 PM	6.6500	6.5900	6.652
PIBD0721C574	RPGB 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	862	2.36	7.80	3:05:35 PM	6.5950	6.7003	6.822
PIBD0723D588	RPGB 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1624	4.446	21.44	11:24:44 AM	7.0000	7.0000	7.120
PIBD0724D595	RPGB 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1989	5.446	50.00	-	-	-	7.151
PIBD0725D618	RPGB 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2346	6.423	690.94	11:30:38 AM	7.1500	7.1661	7.235
PIBD1018K478	RPGB 8 7/8 11/20/18	8.875	11/20/2008	11/20/2018	11	0.03	-	-	-	-	4.532
PIBD1019B485	RPGB 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	102	0.279	1320.00	3:28:53 PM	5.4000	5.6902	5.378
PIBD1020B508	RPGB 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	466	1.276	-	-	-	-	6.601
PIBD1020I510	RPGB 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	677	1.854	-	-	-	-	6.821
PIBD1020L525	RPGB 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	768	2.103	-	-	-	-	6.959
PIBD1021D531	RPGB 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	901	2.467	-	-	-	-	6.879
PIBD1021K551	RPGB 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1111	3.042	1.10	2:37:00 PM	7.0000	7.0000	6.980
PIBD1022G545	RPGB 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1167	3.195	28.00	10:35:15 AM	6.7800	6.7800	7.087
PIBD1022H562	RPGB 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1362	3.729	-	-	-	-	7.502
PIBD1022I570	RPGB 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1404	3.844	-	-	-	-	7.290
PIBD1022L585	RPGB 4 12/06/22	4	12/6/2012	12/6/2022	1488	4.074	-	-	-	-	7.195
PIBD1024H595	RPGB 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2111	5.78	-	-	-	-	7.647
PIBD1025I608	RPGB 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2496	6.834	90.00	11:37:02 AM	7.2250	7.2416	7.313
PIBD1027E617	RPGB 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3098	8.482	-	-	-	-	7.338
PIBD1028C635	RPGB 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3421	9.366	3532.00	3:48:29 PM	7.3950	7.4575	7.451
PIBD2022C021	RPGB 15 03/14/22	15	3/14/2002	3/14/2022	1221	3.343	31.00	11:19:28 AM	6.8000	6.8000	6.839
PIBD2022J033	RPGB 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1438	3.937	-	-	-	-	7.192
PIBD2023B048	RPGB 13 02/20/23	13	2/20/2003	2/20/2023	1564	4.282	-	-	-	-	6.856
PIBD2023E054	RPGB 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1662	4.55	-	-	-	-	7.275
PIBD2023J068	RPGB 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1809	4.953	-	-	-	-	7.285
PIBD2024F075	RPGB 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2033	5.566	-	-	-	-	7.317
PIBD2024H086	RPGB 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	2096	5.739	-	-	-	-	7.454
PIBD2024K091	RPGB 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2194	6.007	-	-	-	-	7.485
PIBD2025D103	RPGB 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2348	6.428	-	-	-	-	7.496
PIBD2025J116	RPGB 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2537	6.946	-	-	-	-	7.566
PIBD2026A122	RPGB 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2628	7.195	-	-	-	-	7.603
PIBD2026L139	RPGB 8 12/07/26	8	12/7/2006	12/7/2026	2950	8.077	-	-	-	-	7.668
PIBD2027I140	RPGB 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3223	8.824	-	-	-	-	7.761
PIBD2028L151	RPGB 9 1/2 12/04/28	9.5	12/4/2008	12/4/2028	3678	10.07	-	-	-	-	7.842
PIBD2030E166	RPGB 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4217	11.546	-	-	-	-	7.882
PIBD2031G171	RPGB 8 07/19/31	8	7/19/2011	7/19/2031	4635	12.69	226.70	2:48:09 PM	7.5000	7.4559	7.450
PIBD2032B183	RPGB 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4833	13.232	-	-	-	-	7.899
PIBD2032I195	RPGB 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5071	13.884	-	-	-	-	7.949
PIBD2033C206	RPGB 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5246	14.363	-	-	-	-	8.280
PIBD2037E214	RPGB 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6765	18.522	-	-	-	-	8.471
PIBD2038B224	RPGB 6 1/2 02/22/38	6.5	2/22/2018	2/22/2038	7045	19.288	-	-	-	-	8.116
PIBD2525K015	RPGB 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2577	7.055	-	-	-	-	7.586
PIBD2530G029	RPGB 12 1/2 07/28/30	12.5	7/28/2005	7/28/2030	4279	11.715	-	-	-	-	8.029
PIBD2531A032	RPGB 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4461	12.214	-	-	-	-	7.974
PIBD2531J042	RPGB 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4713	12.903	-	-	-	-	7.866
PIBD2532K057	RPGB 8 1/2 11/29/32	8.5	11/29/2007	11/29/2032	5134	14.056	-	-	-	-	7.992
PIBD2534K062	RPGB 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5840	15.989	-	-	-	-	7.995
PIBD2535I071	RPGB 8 09/30/35	8	9/30/2010	9/30/2035	6169	16.89	-	-	-	-	8.003
PIBD2535L086	RPGB 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6246	17.101	-	-	-	-	7.976
PIBD2536I097	RPGB 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6534	17.889	-	-	-	-	8.037
PIBD2537H103	RPGB 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6855	18.768	-	-	-	-	8.082
PIBD2540I116	RPGB 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7975	21.834	2.00	11:04:44 AM	8.3300	8.3300	8.224
PIBL0618E053	RPTB 0 11/21/18	-	5/23/2018	11/21/2018	12	0.033	130.42	3:35:25 PM	4.9000	5.0978	5.100
PIBL0618F063	RPTB 0 12/05/18	-	6/6/2018	12/5/2018	26	0.071	-	-	-	-	5.098
PIBL0618F072	RPTB 0 12/12/18	-	6/13/2018	12/12/2018	33	0.09	-	-	-	-	5.121
PIBL0618F081	RPTB 0 12/19/18	-	6/20/2018	12/19/2018	40	0.11	-	-	-	-	5.210
PIBL0618F090	RPTB 0 12/26/18	-	6/27/2018	12/26/2018	47	0.129	-	-	-	-	4.952
PIBL0618G106	RPTB 0 01/02/19	-	7/4/2018	1/2/2019	54	0.148	-	-	-	-	4.784
PIBL0618G115	RPTB 0 01/09/19	-	7/11/2018	1/9/2019	61	0.167	2.00	-	-	-	4.920
PIBL0618G124	RPTB 0 01/23/19	-	7/25/2018	1/23/2019	75	0.205	802.77	3:53:22 PM	5.0650	5.1584	4.892
PIBL0618H132	RPTB 0 02/06/19	-	8/8/2018	2/6/2019	89	0.244	333.58	3:34:58 PM	5.1000	5.0989	5.077
PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	103	0.282	1.00	2:18:00 PM	5.0000	5.0000	5.300
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	110	0.301	-	-	-	-	5.239
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	117	0.32	420.46	3:25:28 PM	5.3000	5.2522	5.263

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PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	131	0.359 -	-	-	-	-	5.688
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	145	0.397 -	-	-	-	-	5.721
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	152	0.416 -	-	-	-	-	5.856
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	172	0.471	208.52	3:50:31 PM	5.3250	5.3198	5.275
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	180	0.493	304.18	3:38:11 PM	6.1305	6.1297	6.273
PIBL1217K218	RPTB 0 11/14/18	-	11/17/2017	11/14/2018	5	0.014 -	-	-	-	-	4.862
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	19	0.052 -	-	-	-	-	4.558
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	68	0.186	13.60	2:31:55 PM	4.6500	4.7111	4.874
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	82	0.225	490.11	2:47:29 PM	4.7500	5.1068	4.852
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	96	0.263	24.01	2:38:22 PM	5.0000	5.0000	5.012
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	124	0.339 -	-	-	-	-	5.644
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	138	0.378 -	-	-	-	-	5.639
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	159	0.435 -	-	-	-	-	5.795
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	166	0.454 -	-	-	-	-	6.040
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	187	0.512 -	-	-	-	-	6.134
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	194	0.531 -	-	-	-	-	6.134
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	201	0.55	5.00	9:52:52 AM	6.2000	6.2000	6.148
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	208	0.569 -	-	-	-	-	6.155
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	214	0.586	1.50	3:11:30 PM	6.4000	6.4000	6.159
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	222	0.608 -	-	-	-	-	6.184
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	229	0.627 -	-	-	-	-	6.198
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	236	0.646	5.40	3:23:46 PM	5.9550	5.9550	6.159
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	243	0.665 -	-	-	-	-	6.325
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	250	0.684 -	-	-	-	-	6.350
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	257	0.704 -	-	-	-	-	6.350
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	264	0.723 -	-	-	-	-	6.350
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	271	0.742	2.06	3:02:42 PM	6.0200	6.0225	6.375
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	278	0.761	7.23	2:38:08 PM	6.3500	6.2832	6.361
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	284	0.778	7.26	2:04:49 PM	6.4350	6.4350	6.367
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	292	0.799	6.75	2:05:34 PM	6.4400	6.4400	6.333
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	299	0.819	0.11	3:44:06 PM	6.3000	6.3000	6.384
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	306	0.838 -	-	-	-	-	6.440
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	313	0.857	10.00	11:00:11 AM	6.4950	6.4950	6.454
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	327	0.895 -	-	-	-	-	6.470
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	334	0.914 -	-	-	-	-	6.245
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	341	0.934 -	-	-	-	-	6.497
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	348	0.953 -	-	-	-	-	6.433
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	355	0.972	924.33	3:08:31 PM	6.4000	6.4940	6.566
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	362	0.991	1334.78	3:28:15 PM	6.4000	6.4369	6.430
PIID0320D087	RPGB 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	519	1.421	262.64	3:54:55 PM	6.6450	6.6401	6.651
PIID0321F092	RPGB 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	947	2.593	104.00	3:56:09 PM	6.5500	6.5501	6.550
PIID0522L114	RPGB 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1486	4.068	707.26	3:54:42 PM	6.7700	6.7777	6.777
PIID1020H015	RPGB 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	649	1.777 -	-	-	-	-	6.697
PIID1021C027	RPGB 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	845	2.313 -	-	-	-	-	6.799
PIID1021J039	RPGB 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1076	2.946 -	-	-	-	-	6.855
PIID1023H046	RPGB 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1740	4.764	24.20	3:12:32 PM	7.1250	7.1450	7.523
PIID1026I057	RPGB 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2872	7.863 -	-	-	-	-	7.750
PIID1526J019	RPGB 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2902	7.945 -	-	-	-	-	7.699
PIID1527C023	RPGB 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3034	8.307	1.50	11:03:41 AM	7.5000	7.5000	7.714
PIID2032C014	RPGB 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4861	13.309 -	-	-	-	-	8.236
PIID2537J015	RPGB 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6924	18.957	18.13	3:48:12 PM	8.1000	8.0308	7.989