

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBD0320A229	RPG B 3 3/8 01/12/20	3.375	1/12/2017	1/12/2020	404	1.106	-	-	-	-	6.721
PIBD0321A236	RPG B 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	783	2.144	-	-	-	-	6.640
PIBD0520H735	RPG B 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	625	1.711	111.03	3:39:51 PM	6.5500	6.5928	6.641
PIBD0522A747	RPG B 4 01/26/22	4	1/26/2017	1/26/2022	1149	3.146	0.03	11:58:30 AM	6.7500	6.7500	6.837
PIBD0523C752	RPG B 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1555	4.257	1906.00	3:54:10 PM	6.8000	6.8186	6.862
PIBD0719D531	RPG B 5 04/26/19	5	4/26/2012	4/26/2019	143	0.392	-	-	-	-	6.390
PIBD0719G547	RPG B 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	227	0.621	-	-	-	-	6.738
PIBD0719H555	RPG B 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	269	0.736	-	-	-	-	6.418
PIBD0719K560	RPG B 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	353	0.966	1540.18	3:46:04 PM	6.5475	6.5328	6.576
PIBD0721C574	RPG B 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	837	2.292	312.84	3:14:57 PM	6.6000	6.6211	6.653
PIBD0723D588	RPG B 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1599	4.378	75.03	3:09:28 PM	6.8750	6.8982	6.929
PIBD0724D595	RPG B 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1964	5.377	-	-	-	-	6.925
PIBD0725D618	RPG B 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2321	6.355	4018.22	3:58:27 PM	6.9000	6.9070	6.919
PIBD1019B485	RPG B 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	77	0.211	105.13	3:03:34 PM	5.8500	5.7016	5.406
PIBD1020B508	RPG B 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	441	1.207	-	-	-	-	6.608
PIBD1020I510	RPG B 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	652	1.785	-	-	-	-	6.778
PIBD1020L525	RPG B 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	743	2.034	-	-	-	-	6.993
PIBD1021D531	RPG B 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	876	2.398	-	-	-	-	6.581
PIBD1021K551	RPG B 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1086	2.973	-	-	-	-	6.844
PIBD1022G545	RPG B 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1142	3.127	0.02	11:59:26 AM	6.4500	6.4500	7.042
PIBD1022H562	RPG B 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1337	3.661	-	-	-	-	7.161
PIBD1022I570	RPG B 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1379	3.776	-	-	-	-	7.067
PIBD1022L585	RPG B 4 12/06/22	4	12/6/2012	12/6/2022	1463	4.005	0.02	11:59:53 AM	6.5500	6.5500	6.957
PIBD1024H595	RPG B 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2086	5.711	1.52	3:29:01 PM	6.9350	6.9350	6.982
PIBD1025I608	RPG B 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2471	6.765	-	-	-	-	6.961
PIBD1027E617	RPG B 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3073	8.413	-	-	-	-	7.089
PIBD1028C635	RPG B 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3396	9.298	1449.47	3:59:18 PM	6.9500	6.9844	6.987
PIBD2022C021	RPG B 15 03/14/22	15	3/14/2002	3/14/2022	1196	3.274	-	-	-	-	6.496
PIBD2022J033	RPG B 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1413	3.869	-	-	-	-	6.967
PIBD2023B048	RPG B 13 02/20/23	13	2/20/2003	2/20/2023	1539	4.214	-	-	-	-	6.605
PIBD2023E054	RPG B 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1637	4.482	-	-	-	-	6.984
PIBD2023J068	RPG B 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1784	4.884	-	-	-	-	7.103
PIBD2024F075	RPG B 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2008	5.498	-	-	-	-	6.913

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBD2024H086	RPG B 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	2071	5.67	-	-	-	-	7.024
PIBD2024K091	RPG B 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2169	5.938	-	-	-	-	7.020
PIBD2025D103	RPG B 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2323	6.36	-	-	-	-	6.982
PIBD2025J116	RPG B 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2512	6.877	-	-	-	-	6.986
PIBD2026A122	RPG B 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2603	7.127	-	-	-	-	6.996
PIBD2026L139	RPG B 8 12/07/26	8	12/7/2006	12/7/2026	2925	8.008	-	-	-	-	6.974
PIBD2027I140	RPG B 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3198	8.756	-	-	-	-	7.005
PIBD2028L151	RPG B 9 1/2 12/04/28	9.5	12/4/2008	12/4/2028	3653	10.001	-	-	-	-	7.027
PIBD2030E166	RPG B 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4192	11.477	-	-	-	-	7.080
PIBD2031G171	RPG B 8 07/19/31	8	7/19/2011	7/19/2031	4610	12.621	380.15	3:45:22 PM	7.0150	7.0292	7.056
PIBD2032B183	RPG B 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4808	13.164	-	-	-	-	7.140
PIBD2032I195	RPG B 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5046	13.815	-	-	-	-	7.213
PIBD2033C206	RPG B 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5221	14.294	-	-	-	-	7.254
PIBD2037E214	RPG B 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6740	18.453	-	-	-	-	8.101
PIBD2038B224	RPG B 6 1/2 02/22/38	6.5	2/22/2018	2/22/2038	7020	19.22	-	-	-	-	7.550
PIBD2525K015	RPG B 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2552	6.987	-	-	-	-	6.993
PIBD2530G029	RPG B 12 1/2 07/28/30	12.5	7/28/2005	7/28/2030	4254	11.647	-	-	-	-	7.180
PIBD2531A032	RPG B 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4436	12.145	-	-	-	-	7.092
PIBD2531J042	RPG B 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4688	12.835	-	-	-	-	7.091
PIBD2532K057	RPG B 8 1/2 11/29/32	8.5	11/29/2007	11/29/2032	5109	13.988	-	-	-	-	7.184
PIBD2534K062	RPG B 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5815	15.921	-	-	-	-	7.357
PIBD2535I071	RPG B 8 09/30/35	8	9/30/2010	9/30/2035	6144	16.821	-	-	-	-	7.403
PIBD2535L086	RPG B 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6221	17.032	11.00	2:12:28 PM	7.3500	7.3852	7.385
PIBD2536I097	RPG B 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6509	17.821	-	-	-	-	7.465
PIBD2537H103	RPG B 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6830	18.7	-	-	-	-	7.520
PIBD2540I116	RPG B 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7950	21.766	50.00	3:27:49 PM	7.5450	7.5450	7.644
PIBL0618F063	RPT B 0 12/05/18	-	6/6/2018	12/5/2018	1	0.003	-	-	-	-	-
PIBL0618F072	RPT B 0 12/12/18	-	6/13/2018	12/12/2018	8	0.022	-	-	-	-	5.184
PIBL0618F081	RPT B 0 12/19/18	-	6/20/2018	12/19/2018	15	0.041	-	-	-	-	5.250
PIBL0618F090	RPT B 0 12/26/18	-	6/27/2018	12/26/2018	22	0.06	1.00	10:10:07 AM	5.3000	5.3000	5.316
PIBL0618G106	RPT B 0 01/02/19	-	7/4/2018	1/2/2019	29	0.079	-	-	-	-	5.440
PIBL0618G115	RPT B 0 01/09/19	-	7/11/2018	1/9/2019	36	0.099	-	-	-	-	5.403
PIBL0618G124	RPT B 0 01/23/19	-	7/25/2018	1/23/2019	50	0.137	-	-	-	-	5.410

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBLO618H132	RPTB 0 02/06/19	-	8/8/2018	2/6/2019	64	0.175	6.33	2:44:51 PM	5.1500	5.2100	5.155
PIBLO618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	78	0.214	-	-	-	-	5.366
PIBLO618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	85	0.233	6.20	3:36:52 PM	5.3000	5.3322	5.381
PIBLO618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	92	0.252	203.51	3:54:26 PM	5.3900	5.3880	5.386
PIBLO618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	106	0.29	0.62	11:35:15 AM	5.5500	5.5500	5.672
PIBLO618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	120	0.329	-	-	-	-	5.876
PIBLO618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	127	0.348	-	-	-	-	5.863
PIBLO618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	147	0.402	1.02	2:23:08 PM	6.1500	6.1500	6.276
PIBLO618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	155	0.424	1816.81	2:51:58 PM	6.2000	6.1027	6.113
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	43	0.118	-	-	-	-	4.831
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	57	0.156	43.01	3:41:24 PM	4.8500	4.8500	5.156
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	71	0.194	432.95	3:30:37 PM	5.1000	5.1700	5.284
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	99	0.271	22.25	9:53:07 AM	5.4000	5.4721	5.641
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	113	0.309	-	-	-	-	5.703
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	134	0.367	-	-	-	-	5.968
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	141	0.386	20.52	9:06:27 AM	5.7000	5.7000	6.022
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	162	0.444	7.11	3:56:59 PM	6.3300	6.3221	6.271
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	169	0.463	23.55	3:47:01 PM	6.2550	6.2545	6.297
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	176	0.482	179.65	3:57:46 PM	6.3250	6.3168	6.337
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	183	0.501	599.28	3:52:41 PM	6.3250	6.3390	6.359
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	189	0.517	-	-	-	-	6.224
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	197	0.539	-	-	-	-	6.306
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	204	0.559	-	-	-	-	6.256
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	211	0.578	-	-	-	-	6.288
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	218	0.597	-	-	-	-	6.362
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	225	0.616	0.42	3:30:28 PM	6.3000	6.2788	6.361
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	232	0.635	-	-	-	-	6.362
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	239	0.654	1.00	3:07:21 PM	6.3500	6.3500	6.435
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	246	0.674	1.00	3:06:46 PM	6.4500	6.4500	6.418
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	253	0.693	-	-	-	-	6.418
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	259	0.709	-	-	-	-	6.434
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	267	0.731	-	-	-	-	6.500
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	274	0.75	-	-	-	-	6.328

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	281	0.769	-	-	-	-	6.468
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	288	0.789	-	-	-	-	6.468
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	302	0.827	-	-	-	-	6.522
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	309	0.846	0.50	11:27:44 AM	6.4050	6.4050	6.440
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	316	0.865	0.10	9:16:38 AM	6.4000	6.4000	6.575
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	323	0.884	-	-	-	-	6.457
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	330	0.903	2.10	2:13:16 PM	6.4500	6.4500	6.544
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	337	0.923	-	-	-	-	6.465
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	344	0.942	-	-	-	-	6.460
PIBL1218K403	RPTB 0 11/20/19	-	11/21/2018	11/20/2019	351	0.961	-	-	-	-	6.512
PIBL1218K412	RPTB 0 11/27/19	-	11/28/2018	11/27/2019	358	0.98	193.46	3:33:03 PM	6.5150	6.5172	6.522
PIBL1218L420	RPTB 0 12/04/19	-	12/5/2018	12/4/2019	365	0.999	540.11	3:56:27 PM	6.5050	6.5045	6.505
PIID0320D087	RPG B 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	494	1.353	15.97	3:33:25 PM	6.6000	6.5774	6.609
PIID0321F092	RPG B 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	922	2.524	3.14	3:40:01 PM	6.5500	6.6185	6.617
PIID0522L114	RPG B 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1461	4	821.59	3:59:36 PM	6.7500	6.7520	6.760
PIID1020H015	RPG B 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	624	1.708	3.00	11:56:00 AM	6.5500	6.5500	6.666
PIID1021C027	RPG B 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	820	2.245	75.65	2:39:47 PM	6.7750	6.6728	6.675
PIID1021J039	RPG B 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1051	2.877	5.00	10:17:15 AM	6.7000	6.7000	6.731
PIID1023H046	RPG B 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1715	4.695	13.23	3:46:25 PM	6.8850	7.0351	7.055
PIID1026I057	RPG B 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2847	7.795	110.13	2:34:33 PM	7.0800	7.0900	7.132
PIID1526J019	RPG B 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2877	7.877	12.35	3:39:18 PM	7.0400	7.0491	7.015
PIID1527C023	RPG B 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3009	8.238	-	-	-	-	7.001
PIID2032C014	RPG B 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4836	13.24	-	-	-	-	7.467
PIID2537J015	RPG B 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6899	18.888	11.72	11:04:31 AM	7.4350	7.4241	7.911