

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	425	1.164	-	-	-	-	-	6.758
PIBD0321A236	RPG B 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	804	2.201	-	-	-	-	-	6.736
PIBD0520H735	RPG B 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	646	1.769	53	2:20:08 PM	6.6250	6.5583	-	6.745
PIBD0522A747	RPG B 4 01/26/22	4	1/26/2017	1/26/2022	1170	3.203	-	-	-	-	-	6.857
PIBD0523C752	RPG B 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1576	4.315	201.5	3:59:36 PM	6.9750	6.9370	-	6.897
PIBD0719D531	RPG B 5 04/26/19	5	4/26/2012	4/26/2019	164	0.449	-	-	-	-	-	6.118
PIBD0719G547	RPG B 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	248	0.679	-	-	-	-	-	6.478
PIBD0719H555	RPG B 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	290	0.794	-	-	-	-	-	6.371
PIBD0719K560	RPG B 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	374	1.024	150.6	3:49:33 PM	6.7000	6.6379	-	6.634
PIBD0721C574	RPG B 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	858	2.349	1	10:48:09 AM	6.8750	6.8750	-	6.834
PIBD0723D588	RPG B 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1620	4.435	125.5	11:33:47 AM	7.1000	7.0602	-	7.067
PIBD0724D595	RPG B 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1985	5.435	-	-	-	-	-	7.138
PIBD0725D618	RPG B 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2342	6.412	200	3:49:03 PM	7.2000	7.2000	-	7.176
PIBD1018K478	RPG B 8 7/8 11/20/18	8.875	11/20/2008	11/20/2018	7	0.019	-	-	-	-	-	4.645
PIBD1019B485	RPG B 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	98	0.268	5	10:46:57 AM	5.8000	5.8000	-	5.357
PIBD1020B508	RPG B 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	462	1.265	-	-	-	-	-	6.603
PIBD1020I510	RPG B 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	673	1.843	-	-	-	-	-	6.824
PIBD1020L525	RPG B 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	764	2.092	-	-	-	-	-	6.961
PIBD1021D531	RPG B 6 1/4 03/28/21	6.5	4/28/2011	4/28/2021	897	2.456	-	-	-	-	-	6.500
PIBD1021K551	RPG B 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1107	3.031	-	-	-	-	-	6.969
PIBD1022G545	RPG B 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1163	3.184	3.1	3:04:59 PM	6.8500	6.8323	-	7.088
PIBD1022H562	RPG B 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1358	3.718	-	-	-	-	-	7.467
PIBD1022I570	RPG B 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1400	3.833	-	-	-	-	-	7.254
PIBD1022L585	RPG B 4 12/06/22	4	12/6/2012	12/6/2022	1484	4.063	-	-	-	-	-	7.152
PIBD1024H595	RPG B 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2107	5.769	-	-	-	-	-	7.076
PIBD1025I608	RPG B 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2492	6.823	-	-	-	-	-	7.329
PIBD1027E617	RPG B 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3094	8.471	26	2:46:52 PM	7.4000	7.4212	-	7.357
PIBD1028C635	RPG B 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3417	9.355	1,080.00	3:50:50 PM	7.4400	7.4198	-	7.352
PIBD2022C021	RPG B 15 03/14/22	15	3/14/2002	3/14/2022	1217	3.332	-	-	-	-	-	6.833
PIBD2022J033	RPG B 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1434	3.926	-	-	-	-	-	7.156
PIBD2023B048	RPG B 13 02/20/23	13	2/20/2003	2/20/2023	1560	4.271	14	10:57:08 AM	6.9250	6.9250	-	6.801
PIBD2023E054	RPG B 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1658	4.539	-	-	-	-	-	7.214
PIBD2023J068	RPG B 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1805	4.942	-	-	-	-	-	7.208
PIBD2024F075	RPG B 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2029	5.555	-	-	-	-	-	7.212
PIBD2024H086	RPG B 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	2092	5.728	-	-	-	-	-	7.340
PIBD2024K091	RPG B 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2190	5.996	-	-	-	-	-	7.355
PIBD2025D103	RPG B 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2344	6.418	-	-	-	-	-	7.349
PIBD2025J116	RPG B 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2533	6.935	-	-	-	-	-	7.395
PIBD2026A122	RPG B 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2624	7.184	-	-	-	-	-	7.426
PIBD2026L139	RPG B 8 12/07/26	8	12/7/2006	12/7/2026	2946	8.066	-	-	-	-	-	7.477
PIBD2027I140	RPG B 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3219	8.813	100	11:57:48 AM	7.5750	7.5750	-	7.576
PIBD2028L151	RPG B 9 1/2 12/04/28	9.5	12/4/2008	12/4/2028	3674	10.059	-	-	-	-	-	7.689
PIBD2030E166	RPG B 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4213	11.535	-	-	-	-	-	7.735
PIBD2031G171	RPG B 8 07/19/31	8	7/19/2011	7/19/2031	4631	12.679	1,150.00	3:55:36 PM	7.5000	7.4490	-	7.469
PIBD2032B183	RPG B 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4829	13.221	-	-	-	-	-	7.735
PIBD2032I195	RPG B 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5067	13.873	-	-	-	-	-	7.800
PIBD2033C206	RPG B 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5242	14.352	3	3:59:31 PM	7.8200	7.8200	-	8.272
PIBD2037E214	RPG B 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6761	18.511	-	-	-	-	-	8.423
PIBD2038B224	RPG B 6 1/2 02/22/38	6.5	2/22/2018	2/22/2038	7041	19.277	-	-	-	-	-	8.128
PIBD2525K015	RPG B 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2573	7.044	-	-	-	-	-	7.412
PIBD2530G029	RPG B 12 1/2 07/28/30	12.5	7/28/2005	7/28/2030	4275	11.704	-	-	-	-	-	7.878
PIBD2531A032	RPG B 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4457	12.203	-	-	-	-	-	7.749
PIBD2531J042	RPG B 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4709	12.893	-	-	-	-	-	7.703
PIBD2532K057	RPG B 8 1/2 11/29/32	8.5	11/29/2007	11/29/2032	5130	14.045	50	2:39:50 PM	7.8000	7.8000	-	7.800
PIBD2534K062	RPG B 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5836	15.978	-	-	-	-	-	7.929
PIBD2535I071	RPG B 8 09/30/35	8	9/30/2010	9/30/2035	6165	16.879	-	-	-	-	-	7.974
PIBD2535L086	RPG B 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6242	17.09	1	2:09:47 PM	7.8550	7.8550	-	7.956
PIBD2536I097	RPG B 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6530	17.878	9	3:18:22 PM	8.0750	8.0750	-	8.043
PIBD2537H103	RPG B 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6851	18.757	2.25	3:59:14 PM	7.9800	7.9956	-	8.103
PIBD2540I116	RPG B 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7971	21.823	-	-	-	-	-	8.208
PIBL0618E053	RPT B 0 11/21/18	-	5/23/2018	11/21/2018	8	0.022	31.01	3:04:13 PM	4.5000	4.7420	-	5.100
PIBL0618F063	RPT B 0 12/05/18	-	6/6/2018	12/5/2018	22	0.06	-	-	-	-	-	5.259
PIBL0618F072	RPT B 0 12/12/18	-	6/13/2018	12/12/2018	29	0.079	1.013	2:12:36 PM	5.0750	5.0750	-	5.240
PIBL0618F081	RPT B 0 12/19/18	-	6/20/2018	12/19/2018	36	0.099	-	-	-	-	-	5.234
PIBL0618F090	RPT B 0 12/26/18	-	6/27/2018	12/26/2018	43	0.118	-	-	-	-	-	5.039
PIBL0618G106	RPT B 0 01/02/19	-	7/4/2018	1/2/2019	50	0.137	-	-	-	-	-	4.970
PIBL0618G115	RPT B 0 01/09/19	-	7/11/2018	1/9/2019	57	0.156	10.301	3:35:19 PM	4.5000	4.6951	-	4.928
PIBL0618G124	RPT B 0 01/23/19	-	7/25/2018	1/23/2019	71	0.194	86.548	2:55:02 PM	5.0500	5.0488	-	4.891
PIBL0618H132	RPT B 0 02/06/19	-	8/8/2018	2/6/2019	85	0.233	11.563	11:22:38 AM	5.0000	5.0173	-	5.078
PIBL0618H141	RPT B 0 02/20/19	-	8/22/2018	2/20/2019	99	0.271	255.7	11:52:22 AM	5.3500	5.3500	-	5.350
PIBL0618H150	RPT B 0 02/27/19	-	8/29/2018	2/27/2019	106	0.29	5.35	2:58:20 PM	5.1250	5.1250	-	5.345
PIBL0618I168	RPT B 0 03/06/19	-	9/5/2018	3/6/2019	113	0.309	35.1	3:22:00 PM	5.1500	5.1677	-	5.263

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	127	0.348	-	-	-	-	5.689
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	141	0.386	0.5	11:54:37 AM	5.4000	5.4000	5.808
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	148	0.405	-	-	-	-	5.903
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	168	0.46	4.666	3:16:02 PM	5.9250	5.9371	6.139
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	176	0.482	96.731	3:38:26 PM	6.1600	6.1538	6.236
PIBL1217K218	RPTB 0 11/14/18	-	11/17/2017	11/14/2018	1	0.003	-	-	-	-	-
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	15	0.041	2.5	11:02:18 AM	4.5000	4.5000	4.978
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	64	0.175	11.294	2:14:18 PM	4.6500	4.7431	4.782
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	78	0.214	95.986	3:58:35 PM	5.0000	4.9802	5.059
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	92	0.252	281.598	3:50:47 PM	5.1850	5.1958	5.249
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	120	0.329	-	-	-	-	5.642
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	134	0.367	-	-	-	-	5.703
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	155	0.424	-	-	-	-	5.795
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	162	0.444	20	2:29:48 PM	6.0500	6.0250	6.040
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	183	0.501	648.931	3:51:13 PM	6.2700	6.2484	6.262
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	190	0.52	3	2:14:06 PM	6.2750	6.2750	6.176
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	197	0.539	-	-	-	-	6.179
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	204	0.559	-	-	-	-	6.189
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	210	0.575	2	2:22:35 PM	6.0000	6.0000	6.194
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	218	0.597	-	-	-	-	6.212
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	225	0.616	-	-	-	-	6.212
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	232	0.635	1.64	3:46:17 PM	6.0000	6.0213	6.175
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	239	0.654	-	-	-	-	6.339
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	246	0.674	-	-	-	-	6.350
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	253	0.693	0.875	3:53:37 PM	6.5000	6.5000	6.350
PIBL1218H249	RPTB 0 07/31/19	-	8/3/2018	7/31/2019	260	0.712	25.745	2:58:12 PM	6.0000	6.0258	6.359
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	267	0.731	-	-	-	-	6.375
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	274	0.75	-	-	-	-	6.361
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	280	0.767	0.1	10:14:51 AM	6.3625	6.3625	6.368
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	288	0.789	-	-	-	-	6.340
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	295	0.808	-	-	-	-	6.385
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	302	0.827	-	-	-	-	6.428
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	309	0.846	-	-	-	-	6.428
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	323	0.884	-	-	-	-	6.469
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	330	0.903	-	-	-	-	6.478
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	337	0.923	0.52	3:41:42 PM	6.3000	6.3000	6.498
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	344	0.942	-	-	-	-	6.449
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	351	0.961	-	-	-	-	6.543
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	358	0.98	26.633	3:49:27 PM	6.3750	6.4027	6.430
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	365	0.999	1,105.91	3:52:35 PM	6.4500	6.4531	6.485
PIID0320D087	RPG 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	515	1.41	34.4	3:20:40 PM	6.6200	6.5871	6.673
PIID0321F092	RPG 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	943	2.582	161	3:53:39 PM	6.8000	6.6528	6.610
PIID0522L114	RPG 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1482	4.057	246.706	3:36:50 PM	6.8150	6.8302	6.836
PIID1020H015	RPG 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	645	1.766	2.5	2:17:36 PM	6.6550	6.6690	6.702
PIID1021C027	RPG 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	841	2.303	0.31	11:58:05 AM	6.8500	6.8500	6.801
PIID1021J039	RPG 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1072	2.935	50	11:03:19 AM	6.7200	6.7350	6.846
PIID1023H046	RPG 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1736	4.753	5.3	3:42:33 PM	7.1750	7.1750	7.523
PIID1026I057	RPG 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2868	7.852	-	-	-	-	7.687
PIID1526J019	RPG 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2898	7.934	16.105	2:06:10 PM	7.5000	7.5000	7.512
PIID1527C023	RPG 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3030	8.296	-	-	-	-	7.530
PIID2032C014	RPG 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4857	13.298	12	3:37:33 PM	7.7500	7.7500	8.125
PIID2537J015	RPG 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6920	18.946	3	3:00:58 PM	8.2000	8.2167	8.080