

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	411	1.125	-	-	-	-	6.677
PIBD0321A236	RPG B 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	790	2.163	-	-	-	-	6.614
PIBD0520H735	RPG B 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	632	1.73	313.30	3:56:21 PM	6.6100	6.6165	6.642
PIBD0522A747	RPG B 4 01/26/22	4	1/26/2017	1/26/2022	1156	3.165	3.17	11:33:19 AM	6.7500	6.7500	6.856
PIBD0523C752	RPG B 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1562	4.277	5040.54	3:34:47 PM	6.8425	6.8589	6.883
PIBD0719D531	RPG B 5 04/26/19	5	4/26/2012	4/26/2019	150	0.411	-	-	-	-	6.322
PIBD0719G547	RPG B 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	234	0.641	-	-	-	-	6.678
PIBD0719H555	RPG B 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	276	0.756	-	-	-	-	6.432
PIBD0719K560	RPG B 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	360	0.986	1017.50	3:36:27 PM	6.5500	6.5615	6.595
PIBD0721C574	RPG B 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	844	2.311	50.00	2:55:16 PM	6.5750	6.5750	6.723
PIBD0723D588	RPG B 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1606	4.397	11.33	11:31:11 AM	6.9500	6.9500	6.927
PIBD0724D595	RPG B 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1971	5.396	54.00	3:05:50 PM	6.9300	6.9278	6.933
PIBD0725D618	RPG B 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2328	6.374	200.00	3:26:14 PM	6.9500	6.9350	6.999
PIBD1019B485	RPG B 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	84	0.23	734.90	3:11:29 PM	5.8000	5.7799	5.370
PIBD1020B508	RPG B 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	448	1.227	-	-	-	-	6.624
PIBD1020I510	RPG B 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	659	1.804	-	-	-	-	6.794
PIBD1020L525	RPG B 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	750	2.053	-	-	-	-	6.982
PIBD1021D531	RPG B 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	883	2.418	70.00	3:44:50 PM	6.7500	6.7500	6.569
PIBD1021K551	RPG B 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1093	2.992	-	-	-	-	6.869
PIBD1022G545	RPG B 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1149	3.146	-	-	-	-	7.097
PIBD1022H562	RPG B 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1344	3.68	-	-	-	-	7.202
PIBD1022I570	RPG B 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1386	3.795	-	-	-	-	7.109
PIBD1022L585	RPG B 4 12/06/22	4	12/6/2012	12/6/2022	1470	4.025	-	-	-	-	7.000
PIBD1024H595	RPG B 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2093	5.73	30.00	2:39:36 PM	6.9500	6.9500	7.033
PIBD1025I608	RPG B 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2478	6.784	20.00	3:15:29 PM	7.0000	7.0000	7.103
PIBD1027E617	RPG B 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3080	8.433	20.00	3:25:24 PM	7.0750	7.0750	7.113
PIBD1028C635	RPG B 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3403	9.317	1692.00	3:38:07 PM	7.0400	7.0481	7.067
PIBD2022C021	RPG B 15 03/14/22	15	3/14/2002	3/14/2022	1203	3.294	-	-	-	-	6.535
PIBD2022J033	RPG B 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1420	3.888	-	-	-	-	7.009
PIBD2023B048	RPG B 13 02/20/23	13	2/20/2003	2/20/2023	1546	4.233	-	-	-	-	6.649
PIBD2023E054	RPG B 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1644	4.501	-	-	-	-	7.037
PIBD2023J068	RPG B 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1791	4.903	-	-	-	-	7.116
PIBD2024F075	RPG B 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2015	5.517	-	-	-	-	6.991

PIBD2024H086	RPG	B 12 7/8	08/05/24	12.875	8/5/2004	8/5/2024	2078	5.689	-	-	-	-	-	-	-	-	-	-	7.109
PIBD2024K091	RPG	B 13 3/4	11/11/24	13.75	11/11/2004	11/11/2024	2176	5.958	-	-	-	-	-	-	-	-	-	-	7.112
PIBD2025D103	RPG	B 12 1/8	04/14/25	12.125	4/14/2005	4/14/2025	2330	6.379	-	-	-	-	-	-	-	-	-	-	7.079
PIBD2025J116	RPG	B 12 1/8	10/20/25	12.125	10/20/2005	10/20/2025	2519	6.897	-	-	-	-	-	-	-	-	-	-	7.089
PIBD2026A122	RPG	B 10 1/4	01/19/26	10.25	1/19/2006	1/19/2026	2610	7.146	-	-	-	-	-	-	-	-	-	-	7.101
PIBD2026L139	RPG	B 8	12/07/26	8	12/7/2006	12/7/2026	2932	8.027	-	-	-	-	-	-	-	-	-	-	7.083
PIBD2027I140	RPG	B 8 5/8	09/06/27	8.625	9/6/2007	9/6/2027	3205	8.775	-	-	-	-	-	-	-	-	-	-	7.115
PIBD2028L151	RPG	B 9 1/2	12/04/28	9.5	12/4/2008	12/4/2028	3660	10.021	-	-	-	-	-	-	-	-	-	-	7.126
PIBD2030E166	RPG	B 8 3/4	05/27/30	8.75	5/27/2010	5/27/2030	4199	11.496	-	-	-	-	-	-	-	-	-	-	7.137
PIBD2031G171	RPG	B 8	07/19/31	8	7/19/2011	7/19/2031	4617	12.641	1313.28	3:20:01 PM	7.0950	7.1227	-	-	-	-	-	-	7.130
PIBD2032B183	RPG	B 5 7/8	02/02/32	5.875	2/2/2012	2/2/2032	4815	13.183	-	-	-	-	-	-	-	-	-	-	7.128
PIBD2032I195	RPG	B 5 3/4	09/27/32	5.75	9/27/2012	9/27/2032	5053	13.834	-	-	-	-	-	-	-	-	-	-	7.180
PIBD2033C206	RPG	B 3 5/8	03/21/33	3.625	3/21/2013	3/21/2033	5228	14.313	113.00	3:58:25 PM	7.8500	7.3190	-	-	-	-	-	-	7.748
PIBD2037E214	RPG	B 5 1/4	05/18/37	5.25	5/18/2017	5/18/2037	6747	18.472	10.00	3:05:36 PM	7.4750	7.4750	-	-	-	-	-	-	8.137
PIBD2038B224	RPG	B 6 1/2	02/22/38	6.5	2/22/2018	2/22/2038	7027	19.239	-	-	-	-	-	-	-	-	-	-	7.594
PIBD2525K015	RPG	B 18 1/4	11/29/25	18.25	11/29/2000	11/29/2025	2559	7.006	-	-	-	-	-	-	-	-	-	-	7.096
PIBD2530G029	RPG	B 12 1/2	07/28/30	12.5	7/28/2005	7/28/2030	4261	11.666	-	-	-	-	-	-	-	-	-	-	7.275
PIBD2531A032	RPG	B 11 1/4	01/26/31	11.25	1/26/2006	1/26/2031	4443	12.164	-	-	-	-	-	-	-	-	-	-	7.123
PIBD2531J042	RPG	B 9 3/8	10/05/31	9.375	10/5/2006	10/5/2031	4695	12.854	-	-	-	-	-	-	-	-	-	-	7.092
PIBD2532K057	RPG	B 8 1/2	11/29/32	8.5	11/29/2007	11/29/2032	5116	14.007	-	-	-	-	-	-	-	-	-	-	7.174
PIBD2534K062	RPG	B 9 1/4	11/05/34	9.25	11/5/2009	11/5/2034	5822	15.94	-	-	-	-	-	-	-	-	-	-	7.322
PIBD2535I071	RPG	B 8	09/30/35	8	9/30/2010	9/30/2035	6151	16.841	-	-	-	-	-	-	-	-	-	-	7.386
PIBD2535L086	RPG	B 8 1/8	12/16/35	8.125	12/16/2010	12/16/2035	6228	17.051	3.00	10:11:01 AM	7.5700	7.5700	-	-	-	-	-	-	7.372
PIBD2536I097	RPG	B 7 5/8	09/29/36	7.625	9/29/2011	9/29/2036	6516	17.84	-	-	-	-	-	-	-	-	-	-	7.470
PIBD2537H103	RPG	B 5 3/4	08/16/37	5.75	8/16/2012	8/16/2037	6837	18.719	-	-	-	-	-	-	-	-	-	-	7.552
PIBD2540I116	RPG	B 4 5/8	09/09/40	4.625	9/9/2015	9/9/2040	7957	21.785	-	-	-	-	-	-	-	-	-	-	7.803
PIBL0618F063	RPT	B 0	12/05/18	-	6/6/2018	12/5/2018	8	0.022	-	-	-	-	-	-	-	-	-	-	5.067
PIBL0618F072	RPT	B 0	12/12/18	-	6/13/2018	12/12/2018	15	0.041	-	-	-	-	-	-	-	-	-	-	5.167
PIBL0618F081	RPT	B 0	12/19/18	-	6/20/2018	12/19/2018	22	0.06	0.25	2:27:09 PM	5.2500	5.2500	-	-	-	-	-	-	5.294
PIBL0618F090	RPT	B 0	12/26/18	-	6/27/2018	12/26/2018	29	0.079	0.50	10:11:36 AM	5.2500	5.2500	-	-	-	-	-	-	5.406
PIBL0618G106	RPT	B 0	01/02/19	-	7/4/2018	1/2/2019	36	0.099	-	-	-	-	-	-	-	-	-	-	5.034
PIBL0618G115	RPT	B 0	01/09/19	-	7/11/2018	1/9/2019	43	0.118	-	-	-	-	-	-	-	-	-	-	5.037
PIBL0618G124	RPT	B 0	01/23/19	-	7/25/2018	1/23/2019	57	0.156	-	-	-	-	-	-	-	-	-	-	5.241
PIBL0618H132	RPT	B 0	02/06/19	-	8/8/2018	2/6/2019	71	0.194	228.26	3:48:17 PM	5.5000	5.1907	-	-	-	-	-	-	5.136

PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	85	0.233	1030.45	3:51:52 PM	5.3000	5.3816	5.364
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	92	0.252	175.67	3:29:06 PM	5.3000	5.3666	5.388
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	99	0.271	171.00	3:21:13 PM	5.3500	5.4251	5.370
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	113	0.309	-	-	-	-	5.667
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	127	0.348	-	-	-	-	5.860
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	134	0.367	-	-	-	-	5.888
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	154	0.422	-	-	-	-	6.133
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	162	0.444	-	-	-	-	6.227
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	1	0.003	-	-	-	-	-
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	50	0.137	-	-	-	-	4.817
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	64	0.175	114.89	3:59:27 PM	5.2500	5.1494	5.163
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	78	0.214	67.34	3:30:39 PM	5.3750	5.3636	5.259
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	106	0.29	-	-	-	-	5.639
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	120	0.329	-	-	-	-	5.694
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	141	0.386	-	-	-	-	5.985
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	148	0.405	-	-	-	-	6.082
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	169	0.463	28.05	3:38:25 PM	6.2500	6.2464	6.258
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	176	0.482	97.86	3:46:56 PM	6.3000	6.3045	6.296
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	183	0.501	421.02	3:55:59 PM	6.3000	6.3181	6.355
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	190	0.52	-	-	-	-	6.267
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	196	0.537	-	-	-	-	6.190
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	204	0.559	-	-	-	-	6.287
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	211	0.578	-	-	-	-	6.218
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	218	0.597	-	-	-	-	6.304
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	225	0.616	-	-	-	-	6.355
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	232	0.635	1.54	11:51:59 AM	6.3000	6.3000	6.354
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	239	0.654	-	-	-	-	6.355
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	246	0.674	-	-	-	-	6.383
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	253	0.693	5.00	3:34:58 PM	6.3500	6.3500	6.408
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	260	0.712	-	-	-	-	6.408
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	266	0.728	-	-	-	-	6.422
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	274	0.75	-	-	-	-	6.421
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	281	0.769	-	-	-	-	6.444
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	288	0.789	-	-	-	-	6.458

PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	295	0.808	-	-	-	-	6.458
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	309	0.846	6.56	2:42:30 PM	6.4000	6.4000	6.517
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	316	0.865	1.05	11:05:57 AM	6.4000	6.4000	6.386
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	323	0.884	0.40	9:59:35 AM	6.4000	6.4000	6.566
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	330	0.903	1.26	2:34:18 PM	6.3500	6.3500	6.454
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	337	0.923	30.00	3:34:30 PM	6.4150	6.4150	6.479
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	344	0.942	3.62	11:15:21 AM	6.3750	6.3822	6.465
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	351	0.961	2.12	2:42:39 PM	6.5000	6.4967	6.462
PIBL1218K403	RPTB 0 11/20/19	-	11/21/2018	11/20/2019	358	0.98	11.07	2:51:08 PM	6.5300	6.5285	6.521
PIBL1218K412	RPTB 0 11/27/19	-	11/28/2018	11/27/2019	365	0.999	763.62	3:51:34 PM	6.5250	6.5227	6.637
PIID0320D087	RPG B 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	501	1.372	74.30	3:49:38 PM	6.6000	6.5901	6.613
PIID0321F092	RPG B 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	929	2.543	122.50	3:55:32 PM	6.6000	6.5964	6.617
PIID0522L114	RPG B 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1468	4.019	2.80	3:42:52 PM	6.7950	6.7821	6.802
PIID1020H015	RPG B 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	631	1.728	-	-	-	-	6.681
PIID1021C027	RPG B 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	827	2.264	-	-	-	-	6.746
PIID1021J039	RPG B 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1058	2.897	-	-	-	-	6.754
PIID1023H046	RPG B 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1722	4.715	4.46	3:07:02 PM	6.9500	6.9500	7.022
PIID1026I057	RPG B 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2854	7.814	-	-	-	-	7.161
PIID1526J019	RPG B 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2884	7.896	-	-	-	-	7.124
PIID1527C023	RPG B 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3016	8.257	-	-	-	-	7.110
PIID2032C014	RPG B 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4843	13.259	7.10	3:35:42 PM	8.0000	7.2227	7.457
PIID2537J015	RPG B 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6906	18.908	-	-	-	-	7.911