

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBD0320A229	RPG 3 3/8 01/12/20	3.375	1/12/2017	1/12/2020	416	1.139	457.64	3:55:16 PM	6.7500	6.6796	6.718
PIBD0321A236	RPG 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	795	2.177	50.00	3:54:58 PM	6.6500	6.5600	6.651
PIBD0520H735	RPG 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	637	1.744	663.15	3:37:26 PM	6.5500	6.6169	6.613
PIBD0522A747	RPG 4 01/26/22	4	1/26/2017	1/26/2022	1161	3.179	197.50	3:55:11 PM	6.8000	6.8550	6.836
PIBD0523C752	RPG 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1567	4.29	9261.60	3:56:12 PM	6.8650	6.8726	6.920
PIBD0719D531	RPG 5 04/26/19	5	4/26/2012	4/26/2019	155	0.424	-	-	-	-	5.985
PIBD0719G547	RPG 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	239	0.654	120.07	3:58:15 PM	6.7000	6.6997	6.700
PIBD0719H555	RPG 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	281	0.769	-	-	-	-	6.348
PIBD0719K560	RPG 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	365	0.999	829.79	3:59:57 PM	6.6000	6.6271	6.613
PIBD0721C574	RPG 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	849	2.324	295.58	3:54:23 PM	6.8000	6.7439	6.767
PIBD0723D588	RPG 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1611	4.411	115.51	3:57:14 PM	7.0500	7.0496	7.063
PIBD0724D595	RPG 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1976	5.41	-	-	-	-	7.052
PIBD0725D618	RPG 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2333	6.387	1090.00	11:18:02 AM	6.9750	6.9720	7.083
PIBD1019B485	RPG 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	89	0.244	2.50	11:13:29 AM	5.7750	5.7300	5.335
PIBD1020B508	RPG 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	453	1.24	-	-	-	-	6.583
PIBD1020I510	RPG 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	664	1.818	-	-	-	-	6.796
PIBD1020L525	RPG 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	755	2.067	2.00	2:10:29 PM	6.7500	6.7500	6.975
PIBD1021D531	RPG 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	888	2.431	-	-	-	-	6.499
PIBD1021K551	RPG 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1098	3.006	-	-	-	-	6.907
PIBD1022G545	RPG 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1154	3.159	-	-	-	-	7.094
PIBD1022H562	RPG 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1349	3.693	-	-	-	-	7.249
PIBD1022I570	RPG 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1391	3.808	-	-	-	-	7.150
PIBD1022L585	RPG 4 12/06/22	4	12/6/2012	12/6/2022	1475	4.038	-	-	-	-	7.040
PIBD1024H595	RPG 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2098	5.744	-	-	-	-	7.026
PIBD1025I608	RPG 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2483	6.798	-	-	-	-	7.105
PIBD1027E617	RPG 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3085	8.446	103.00	2:26:31 PM	7.0000	7.0340	7.186
PIBD1028C635	RPG 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3408	9.331	2983.23	3:56:19 PM	7.0800	7.0614	7.057
PIBD2022C021	RPG 15 03/14/22	15	3/14/2002	3/14/2022	1208	3.307	-	-	-	-	6.588
PIBD2022J033	RPG 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1425	3.901	-	-	-	-	7.050
PIBD2023B048	RPG 13 02/20/23	13	2/20/2003	2/20/2023	1551	4.246	-	-	-	-	6.685
PIBD2023E054	RPG 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1649	4.515	-	-	-	-	7.079
PIBD2023J068	RPG 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1796	4.917	-	-	-	-	7.126
PIBD2024F075	RPG 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2020	5.53	-	-	-	-	7.028

PIBD2024H086	RPG	B 12 7/8	08/05/24	12.875	8/5/2004	8/5/2024	2083	5.703	-	-	-	-	-	-	-	-	-	-	7.149
PIBD2024K091	RPG	B 13 3/4	11/11/24	13.75	11/11/2004	11/11/2024	2181	5.971	-	-	-	-	-	-	-	-	-	-	7.153
PIBD2025D103	RPG	B 12 1/8	04/14/25	12.125	4/14/2005	4/14/2025	2335	6.393	-	-	-	-	-	-	-	-	-	-	7.119
PIBD2025J116	RPG	B 12 1/8	10/20/25	12.125	10/20/2005	10/20/2025	2524	6.91	-	-	-	-	-	-	-	-	-	-	7.129
PIBD2026A122	RPG	B 10 1/4	01/19/26	10.25	1/19/2006	1/19/2026	2615	7.159	-	-	-	-	-	-	-	-	-	-	7.140
PIBD2026L139	RPG	B 8	12/07/26	8	12/7/2006	12/7/2026	2937	8.041	-	-	-	-	-	-	-	-	-	-	7.116
PIBD2027I140	RPG	B 8 5/8	09/06/27	8.625	9/6/2007	9/6/2027	3210	8.789	-	-	-	-	-	-	-	-	-	-	7.143
PIBD2028L151	RPG	B 9 1/2	12/04/28	9.5	12/4/2008	12/4/2028	3665	10.034	-	-	-	-	-	-	-	-	-	-	7.145
PIBD2030E166	RPG	B 8 3/4	05/27/30	8.75	5/27/2010	5/27/2030	4204	11.51	-	-	-	-	-	-	-	-	-	-	7.145
PIBD2031G171	RPG	B 8	07/19/31	8	7/19/2011	7/19/2031	4622	12.654	1268.55	11:49:33 AM	7.1500	7.1005	-	-	-	-	-	-	7.115
PIBD2032B183	RPG	B 5 7/8	02/02/32	5.875	2/2/2012	2/2/2032	4820	13.196	-	-	-	-	-	-	-	-	-	-	7.138
PIBD2032I195	RPG	B 5 3/4	09/27/32	5.75	9/27/2012	9/27/2032	5058	13.848	-	-	-	-	-	-	-	-	-	-	7.232
PIBD2033C206	RPG	B 3 5/8	03/21/33	3.625	3/21/2013	3/21/2033	5233	14.327	11.00	10:50:03 AM	7.3000	7.3000	-	-	-	-	-	-	7.752
PIBD2037E214	RPG	B 5 1/4	05/18/37	5.25	5/18/2017	5/18/2037	6752	18.486	-	-	-	-	-	-	-	-	-	-	8.429
PIBD2038B224	RPG	B 6 1/2	02/22/38	6.5	2/22/2018	2/22/2038	7032	19.253	-	-	-	-	-	-	-	-	-	-	7.823
PIBD2525K015	RPG	B 18 1/4	11/29/25	18.25	11/29/2000	11/29/2025	2564	7.02	-	-	-	-	-	-	-	-	-	-	7.137
PIBD2530G029	RPG	B 12 1/2	07/28/30	12.5	7/28/2005	7/28/2030	4266	11.68	-	-	-	-	-	-	-	-	-	-	7.337
PIBD2531A032	RPG	B 11 1/4	01/26/31	11.25	1/26/2006	1/26/2031	4448	12.178	-	-	-	-	-	-	-	-	-	-	7.127
PIBD2531J042	RPG	B 9 3/8	10/05/31	9.375	10/5/2006	10/5/2031	4700	12.868	-	-	-	-	-	-	-	-	-	-	7.090
PIBD2532K057	RPG	B 8 1/2	11/29/32	8.5	11/29/2007	11/29/2032	5121	14.021	-	-	-	-	-	-	-	-	-	-	7.343
PIBD2534K062	RPG	B 9 1/4	11/05/34	9.25	11/5/2009	11/5/2034	5827	15.953	-	-	-	-	-	-	-	-	-	-	7.467
PIBD2535I071	RPG	B 8	09/30/35	8	9/30/2010	9/30/2035	6156	16.854	-	-	-	-	-	-	-	-	-	-	7.555
PIBD2535L086	RPG	B 8 1/8	12/16/35	8.125	12/16/2010	12/16/2035	6233	17.065	-	-	-	-	-	-	-	-	-	-	7.547
PIBD2536I097	RPG	B 7 5/8	09/29/36	7.625	9/29/2011	9/29/2036	6521	17.854	-	-	-	-	-	-	-	-	-	-	7.668
PIBD2537H103	RPG	B 5 3/4	08/16/37	5.75	8/16/2012	8/16/2037	6842	18.732	-	-	-	-	-	-	-	-	-	-	7.767
PIBD2540I116	RPG	B 4 5/8	09/09/40	4.625	9/9/2015	9/9/2040	7962	21.799	-	-	-	-	-	-	-	-	-	-	8.089
PIBL0618F063	RPT	B 0	12/05/18	-	6/6/2018	12/5/2018	13	0.036	-	-	-	-	-	-	-	-	-	-	5.005
PIBL0618F072	RPT	B 0	12/12/18	-	6/13/2018	12/12/2018	20	0.055	1.05	10:40:40 AM	4.5000	4.5000	-	-	-	-	-	-	5.154
PIBL0618F081	RPT	B 0	12/19/18	-	6/20/2018	12/19/2018	27	0.074	-	-	-	-	-	-	-	-	-	-	5.299
PIBL0618F090	RPT	B 0	12/26/18	-	6/27/2018	12/26/2018	34	0.093	-	-	-	-	-	-	-	-	-	-	5.334
PIBL0618G106	RPT	B 0	01/02/19	-	7/4/2018	1/2/2019	41	0.112	1.42	9:51:30 AM	5.1000	5.1000	-	-	-	-	-	-	5.005
PIBL0618G115	RPT	B 0	01/09/19	-	7/11/2018	1/9/2019	48	0.131	-	-	-	-	-	-	-	-	-	-	5.003
PIBL0618G124	RPT	B 0	01/23/19	-	7/25/2018	1/23/2019	62	0.17	65.19	3:28:49 PM	4.8750	4.9451	-	-	-	-	-	-	4.776
PIBL0618H132	RPT	B 0	02/06/19	-	8/8/2018	2/6/2019	76	0.208	28.51	3:26:57 PM	5.1650	5.1301	-	-	-	-	-	-	5.116

PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	90	0.246	573.86	3:54:05 PM	5.3700	5.3671	5.353
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	97	0.266	22.04	2:34:15 PM	5.3650	5.3704	5.450
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	104	0.285	7.70	11:46:59 AM	5.3800	5.3799	5.340
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	118	0.323	-	-	-	-	5.663
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	132	0.361	-	-	-	-	5.835
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	139	0.381	1.00	11:43:40 AM	5.7000	5.7000	5.876
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	159	0.435	-	-	-	-	6.105
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	167	0.457	5.50	2:49:18 PM	6.1500	6.1500	6.216
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	6	0.016	-	-	-	-	5.066
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	55	0.151	8.08	3:53:16 PM	5.1000	5.1101	4.764
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	69	0.189	6.66	3:05:53 PM	5.1250	5.1164	5.142
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	83	0.227	5.60	3:34:21 PM	5.2500	5.2821	5.212
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	111	0.304	-	-	-	-	5.638
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	125	0.342	-	-	-	-	5.688
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	146	0.4	-	-	-	-	5.761
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	153	0.419	0.51	9:49:09 AM	5.8500	5.8500	6.030
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	174	0.476	15.63	3:41:50 PM	6.3500	6.2410	6.258
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	181	0.496	335.45	3:51:40 PM	6.2900	6.2834	6.283
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	188	0.515	10.77	2:08:25 PM	5.9000	5.9533	6.350
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	195	0.534	-	-	-	-	6.238
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	201	0.55	-	-	-	-	6.157
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	209	0.572	0.72	10:01:46 AM	6.4500	6.4500	6.260
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	216	0.591	-	-	-	-	6.179
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	223	0.611	-	-	-	-	6.269
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	230	0.63	-	-	-	-	6.350
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	237	0.649	7.88	3:37:47 PM	6.4500	6.4500	6.350
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	244	0.668	1.03	3:04:00 PM	6.1500	6.1500	6.350
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	251	0.687	1.06	11:47:42 AM	6.0500	6.0500	6.375
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	258	0.706	-	-	-	-	6.400
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	265	0.726	0.60	3:43:50 PM	6.5000	6.5000	6.400
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	271	0.742	0.25	11:38:03 AM	6.2000	6.2000	6.413
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	279	0.764	-	-	-	-	6.379
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	286	0.783	-	-	-	-	6.374
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	293	0.802	-	-	-	-	6.450

PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	300	0.821	-	-	-	-	6.450
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	314	0.86	-	-	-	-	6.503
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	321	0.879	62.60	3:59:41 PM	6.6000	6.5896	6.366
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	328	0.898	-	-	-	-	6.485
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	335	0.917	1100.00	3:57:57 PM	6.5200	6.4655	6.455
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	342	0.936	-	-	-	-	6.487
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	349	0.956	-	-	-	-	6.464
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	356	0.975	20.00	10:25:28 AM	6.5500	6.5500	6.462
PIBL1218K403	RPTB 0 11/20/19	-	11/21/2018	11/20/2019	363	0.994	778.20	3:57:43 PM	6.5275	6.5180	6.522
PIID0320D087	RPG B 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	506	1.385	450.21	3:58:33 PM	6.6500	6.5229	6.539
PIID0321F092	RPG B 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	934	2.557	563.68	3:51:49 PM	6.6100	6.6044	6.608
PIID0522L114	RPG B 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1473	4.033	963.30	3:54:45 PM	6.7800	6.7531	6.763
PIID1020H015	RPG B 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	636	1.741	-	-	-	-	6.676
PIID1021C027	RPG B 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	832	2.278	-	-	-	-	6.749
PIID1021J039	RPG B 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1063	2.91	-	-	-	-	6.788
PIID1023H046	RPG B 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1727	4.728	187.30	3:07:35 PM	6.8750	6.9990	7.012
PIID1026I057	RPG B 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2859	7.828	300.00	10:44:13 AM	7.1550	7.1533	7.337
PIID1526J019	RPG B 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2889	7.91	-	-	-	-	7.158
PIID1527C023	RPG B 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3021	8.271	-	-	-	-	7.142
PIID2032C014	RPG B 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4848	13.273	-	-	-	-	7.475
PIID2537J015	RPG B 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6911	18.921	17.00	2:54:31 PM	8.5000	8.4118	7.910