

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	423	1.158	5.00	3:36:19 PM	6.7000	6.7000	6.759
PIBD0321A236	RPG B 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	802	2.196	30.00	9:29:20 AM	6.7000	6.7000	6.791
PIBD0520H735	RPG B 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	644	1.763	2.50	3:30:22 PM	6.7750	6.7750	6.606
PIBD0522A747	RPG B 4 01/26/22	4	1/26/2017	1/26/2022	1168	3.198	-	-	-	-	6.895
PIBD0523C752	RPG B 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1574	4.309	313.37	3:50:54 PM	6.9250	6.9094	6.949
PIBD0719D531	RPG B 5 04/26/19	5	4/26/2012	4/26/2019	162	0.444	-	-	-	-	6.174
PIBD0719G547	RPG B 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	246	0.674	3.00	2:47:23 PM	6.1500	6.1500	6.463
PIBD0719H555	RPG B 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	288	0.789	-	-	-	-	6.362
PIBD0719K560	RPG B 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	372	1.018	148.01	3:35:17 PM	6.6400	6.6275	6.654
PIBD0721C574	RPG B 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	856	2.344	24.85	3:39:38 PM	6.8000	6.7673	6.871
PIBD0723D588	RPG B 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1618	4.43	-	-	-	-	7.053
PIBD0724D595	RPG B 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1983	5.429	-	-	-	-	7.213
PIBD0725D618	RPG B 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2340	6.407	74.00	3:52:37 PM	7.1250	7.1331	7.156
PIBD1018K478	RPG B 8 7/8 11/20/18	8.875	11/20/2008	11/20/2018	5	0.014	-	-	-	-	4.540
PIBD1019B485	RPG B 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	96	0.263	-	-	-	-	5.314
PIBD1020B508	RPG B 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	460	1.259	-	-	-	-	6.603
PIBD1020I510	RPG B 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	671	1.837	-	-	-	-	6.828
PIBD1020L525	RPG B 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	762	2.086	-	-	-	-	6.964
PIBD1021D531	RPG B 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	895	2.45	-	-	-	-	6.500
PIBD1021K551	RPG B 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1105	3.025	-	-	-	-	6.961
PIBD1022G545	RPG B 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1161	3.179	1.00	11:58:40 AM	6.8250	6.8250	7.089
PIBD1022H562	RPG B 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1356	3.713	-	-	-	-	7.387
PIBD1022I570	RPG B 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1398	3.828	-	-	-	-	7.223
PIBD1022L585	RPG B 4 12/06/22	4	12/6/2012	12/6/2022	1482	4.057	-	-	-	-	7.115
PIBD1024H595	RPG B 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2105	5.763	-	-	-	-	7.079
PIBD1025I608	RPG B 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2490	6.817	-	-	-	-	7.329
PIBD1027E617	RPG B 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3092	8.465	-	-	-	-	7.467
PIBD1028C635	RPG B 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3415	9.35	100.00	2:23:22 PM	7.3750	7.3875	7.406
PIBD2022C021	RPG B 15 03/14/22	15	3/14/2002	3/14/2022	1215	3.326	-	-	-	-	6.854
PIBD2022J033	RPG B 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1432	3.921	-	-	-	-	7.123
PIBD2023B048	RPG B 13 02/20/23	13	2/20/2003	2/20/2023	1558	4.266	-	-	-	-	6.759
PIBD2023E054	RPG B 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1656	4.534	-	-	-	-	7.163
PIBD2023J068	RPG B 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1803	4.936	-	-	-	-	7.145

PIBD2024F075	RPG B 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2027	5.55	-	-	-	-	7.130
PIBD2024H086	RPG B 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	2090	5.722	-	-	-	-	7.253
PIBD2024K091	RPG B 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2188	5.99	-	-	-	-	7.263
PIBD2025D103	RPG B 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2342	6.412	-	-	-	-	7.243
PIBD2025J116	RPG B 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2531	6.93	-	-	-	-	7.273
PIBD2026A122	RPG B 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2622	7.179	-	-	-	-	7.294
PIBD2026L139	RPG B 8 12/07/26	8	12/7/2006	12/7/2026	2944	8.06	-	-	-	-	7.309
PIBD2027I140	RPG B 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3217	8.808	-	-	-	-	7.367
PIBD2028L151	RPG B 9 1/2 12/04/28	9.5	12/4/2008	12/4/2028	3672	10.053	-	-	-	-	7.416
PIBD2030E166	RPG B 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4211	11.529	-	-	-	-	7.491
PIBD2031G171	RPG B 8 07/19/31	8	7/19/2011	7/19/2031	4629	12.674	8.70	10:24:43 AM	7.3750	7.3750	7.469
PIBD2032B183	RPG B 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4827	13.216	-	-	-	-	7.590
PIBD2032I195	RPG B 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5065	13.867	-	-	-	-	7.687
PIBD2033C206	RPG B 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5240	14.346	-	-	-	-	8.262
PIBD2037E214	RPG B 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6759	18.505	-	-	-	-	8.426
PIBD2038B224	RPG B 6 1/2 02/22/38	6.5	2/22/2018	2/22/2038	7039	19.272	-	-	-	-	8.182
PIBD2525K015	RPG B 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2571	7.039	-	-	-	-	7.286
PIBD2530G029	RPG B 12 1/2 07/28/30	12.5	7/28/2005	7/28/2030	4273	11.699	-	-	-	-	7.642
PIBD2531A032	RPG B 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4455	12.197	-	-	-	-	7.515
PIBD2531J042	RPG B 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4707	12.887	-	-	-	-	7.530
PIBD2532K057	RPG B 8 1/2 11/29/32	8.5	11/29/2007	11/29/2032	5128	14.04	-	-	-	-	7.800
PIBD2534K062	RPG B 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5834	15.973	-	-	-	-	7.916
PIBD2535I071	RPG B 8 09/30/35	8	9/30/2010	9/30/2035	6163	16.873	-	-	-	-	7.993
PIBD2535L086	RPG B 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6240	17.084	11.70	11:34:13 AM	7.8500	7.8500	7.981
PIBD2536I097	RPG B 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6528	17.873	-	-	-	-	8.084
PIBD2537H103	RPG B 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6849	18.752	1.00	11:53:46 AM	7.8750	7.8750	8.153
PIBD2540I116	RPG B 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7969	21.818	-	-	-	-	8.255
PIBL0618E053	RPT B 0 11/21/18	-	5/23/2018	11/21/2018	6	0.016	-	-	-	-	5.048
PIBL0618F063	RPT B 0 12/05/18	-	6/6/2018	12/5/2018	20	0.055	-	-	-	-	5.304
PIBL0618F072	RPT B 0 12/12/18	-	6/13/2018	12/12/2018	27	0.074	-	-	-	-	5.239
PIBL0618F081	RPT B 0 12/19/18	-	6/20/2018	12/19/2018	34	0.093	7.12	10:46:20 AM	4.9500	4.9500	5.248
PIBL0618F090	RPT B 0 12/26/18	-	6/27/2018	12/26/2018	41	0.112	-	-	-	-	5.058
PIBL0618G106	RPT B 0 01/02/19	-	7/4/2018	1/2/2019	48	0.131	-	-	-	-	4.999
PIBL0618G115	RPT B 0 01/09/19	-	7/11/2018	1/9/2019	55	0.151	5.31	11:48:07 AM	4.5000	4.5000	4.999

PIBL0618G124	RPTB 0 01/23/19	-	7/25/2018	1/23/2019	69	0.189	49.57	11:56:15 AM	4.9500	5.0298	4.882
PIBL0618H132	RPTB 0 02/06/19	-	8/8/2018	2/6/2019	83	0.227	19.07	3:24:21 PM	5.1200	5.1192	5.087
PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	97	0.266	35.25	2:53:32 PM	5.1850	5.1893	5.350
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	104	0.285	19.61	3:31:45 PM	5.1850	5.1850	5.348
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	111	0.304	9.02	11:02:52 AM	5.2000	5.1933	5.263
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	125	0.342	-	-	-	-	5.690
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	139	0.381	3.00	3:19:52 PM	6.0250	5.8250	5.839
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	146	0.4	-	-	-	-	5.911
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	166	0.454	15.50	2:05:52 PM	6.0000	6.1565	6.104
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	174	0.476	38.25	3:05:28 PM	6.2100	6.2072	6.236
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	13	0.036	-	-	-	-	4.994
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	62	0.17	-	-	-	-	4.780
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	76	0.208	70.84	3:54:07 PM	5.0750	5.0921	5.049
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	90	0.246	265.19	3:49:27 PM	5.1900	5.1977	5.213
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	118	0.323	-	-	-	-	5.658
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	132	0.361	-	-	-	-	5.705
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	153	0.419	-	-	-	-	5.794
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	160	0.438	-	-	-	-	6.038
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	181	0.496	908.56	3:57:38 PM	6.2855	6.2838	6.276
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	188	0.515	-	-	-	-	6.190
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	195	0.534	0.51	10:34:20 AM	6.1600	6.1600	6.196
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	202	0.553	5.63	3:08:36 PM	6.0000	6.0000	6.206
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	208	0.569	-	-	-	-	6.206
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	216	0.591	0.20	11:52:25 AM	6.4000	6.4000	6.222
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	223	0.611	-	-	-	-	6.222
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	230	0.63	-	-	-	-	6.176
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	237	0.649	-	-	-	-	6.340
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	244	0.668	-	-	-	-	6.350
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	251	0.687	-	-	-	-	6.350
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	258	0.706	5.30	3:31:49 PM	6.1000	6.0764	6.359
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	265	0.726	-	-	-	-	6.375
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	272	0.745	-	-	-	-	6.367
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	278	0.761	-	-	-	-	6.374
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	286	0.783	-	-	-	-	6.344

PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	293	0.802	-	-	-	-	-	6.385
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	300	0.821	-	-	-	-	-	6.430
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	307	0.841	-	-	-	-	-	6.430
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	321	0.879	-	-	-	-	-	6.469
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	328	0.898	794.23	-	-	-	-	6.225
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	335	0.917	1.05	11:42:04 AM	6.4200	6.4200	-	6.499
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	342	0.936	-	-	-	-	-	6.459
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	349	0.956	26.00	3:04:03 PM	6.4210	6.4210	-	6.527
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	356	0.975	4.68	2:33:01 PM	6.4250	6.4245	-	6.430
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	363	0.994	367.68	3:57:28 PM	6.4600	6.4606	-	6.468
PIID0320D087	RPG B 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	513	1.405	19.00	3:30:22 PM	6.6250	6.6166	-	6.664
PIID0321F092	RPG B 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	941	2.576	305.70	3:31:34 PM	6.6700	6.7267	-	6.732
PIID0522L114	RPG B 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1480	4.052	3.50	11:35:09 AM	6.8400	6.8400	-	6.885
PIID1020H015	RPG B 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	643	1.76	-	-	-	-	-	6.705
PIID1021C027	RPG B 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	839	2.297	-	-	-	-	-	6.803
PIID1021J039	RPG B 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1070	2.93	-	-	-	-	-	6.840
PIID1023H046	RPG B 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1734	4.747	111.29	3:21:36 PM	7.1750	7.0858	-	7.100
PIID1026I057	RPG B 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2866	7.847	-	-	-	-	-	7.747
PIID1526J019	RPG B 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2896	7.929	3.21	2:48:27 PM	7.6000	7.6000	-	7.346
PIID1527C023	RPG B 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3028	8.29	-	-	-	-	-	7.345
PIID2032C014	RPG B 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4855	13.292	-	-	-	-	-	7.932
PIID2537J015	RPG B 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6918	18.94	1.00	2:07:04 PM	8.1000	8.1000	-	8.168