

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	405	1.109	4.40	10:54:24 AM	6.5800	6.5800	6.716
PIBD0321A236	RPG 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	784	2.146	9.50	-	-	-	6.633
PIBD0520H735	RPG 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	626	1.714	1.92	3:33:19 PM	6.8000	6.6311	6.664
PIBD0522A747	RPG 4 01/26/22	4	1/26/2017	1/26/2022	1150	3.149	40.00	3:54:40 PM	6.8000	6.8000	6.826
PIBD0523C752	RPG 5 1/2 03/08/23	5.5	3/8/2018	3/8/2023	1556	4.26	1761.62	3:26:44 PM	6.8300	6.8337	6.861
PIBD0719D531	RPG 5 04/26/19	5	4/26/2012	4/26/2019	144	0.394	-	-	-	-	6.117
PIBD0719G547	RPG 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	228	0.624	-	-	-	-	6.730
PIBD0719H555	RPG 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	270	0.739	-	-	-	-	6.406
PIBD0719K560	RPG 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	354	0.969	3253.75	3:53:40 PM	6.5450	6.5498	6.589
PIBD0721C574	RPG 3 1/2 03/20/21	3.5	3/20/2014	3/20/2021	838	2.294	311.84	2:29:26 PM	6.7350	6.6896	6.698
PIBD0723D588	RPG 3 1/2 04/21/23	3.5	4/21/2016	4/21/2023	1600	4.381	95.07	10:41:42 AM	6.8950	6.8950	6.935
PIBD0724D595	RPG 4 1/2 04/20/24	4.5	4/20/2017	4/20/2024	1965	5.38	-	-	-	-	6.921
PIBD0725D618	RPG 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2322	6.357	392.70	3:15:37 PM	6.9150	6.9182	6.933
PIBD1019B485	RPG 7 7/8 02/19/19	7.875	2/19/2009	2/19/2019	78	0.214	6.50	11:58:05 AM	5.7000	5.7000	5.186
PIBD1020B508	RPG 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	442	1.21	-	-	-	-	6.605
PIBD1020I510	RPG 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	653	1.788	-	-	-	-	6.781
PIBD1020L525	RPG 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	744	2.037	-	-	-	-	6.992
PIBD1021D531	RPG 6 1/2 04/28/21	6.5	4/28/2011	4/28/2021	877	2.401	-	-	-	-	6.581
PIBD1021K551	RPG 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1087	2.976	-	-	-	-	6.856
PIBD1022G545	RPG 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	1143	3.129	-	-	-	-	7.041
PIBD1022H562	RPG 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1338	3.663	-	-	-	-	7.175
PIBD1022I570	RPG 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1380	3.778	-	-	-	-	7.081
PIBD1022L585	RPG 4 12/06/22	4	12/6/2012	12/6/2022	1464	4.008	-	-	-	-	6.969
PIBD1024H595	RPG 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	2087	5.714	-	-	-	-	6.990
PIBD1025I608	RPG 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2472	6.768	2.00	11:08:36 AM	6.9775	6.9775	6.960
PIBD1027E617	RPG 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3074	8.416	-	-	-	-	7.095
PIBD1028C635	RPG 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3397	9.3	-	-	-	-	6.994
PIBD2022C021	RPG 15 03/14/22	15	3/14/2002	3/14/2022	1197	3.277	-	-	-	-	6.502
PIBD2022J033	RPG 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1414	3.871	-	-	-	-	6.980
PIBD2023B048	RPG 13 02/20/23	13	2/20/2003	2/20/2023	1540	4.216	-	-	-	-	6.617
PIBD2023E054	RPG 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1638	4.485	-	-	-	-	6.997
PIBD2023J068	RPG 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1785	4.887	-	-	-	-	7.105
PIBD2024F075	RPG 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	2009	5.5	-	-	-	-	6.924

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PIBD2024H086	RPGB 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	2072	5.673	-	-	-	-	7.034
PIBD2024K091	RPGB 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2170	5.941	-	-	-	-	7.030
PIBD2025D103	RPGB 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2324	6.363	-	-	-	-	6.990
PIBD2025J116	RPGB 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2513	6.88	-	-	-	-	6.993
PIBD2026A122	RPGB 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2604	7.129	-	-	-	-	7.003
PIBD2026L139	RPGB 8 12/07/26	8	12/7/2006	12/7/2026	2926	8.011	-	-	-	-	6.979
PIBD2027I140	RPGB 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3199	8.758	-	-	-	-	7.008
PIBD2028L151	RPGB 9 1/2 12/04/28	9.5	12/4/2008	12/4/2028	3654	10.004	-	-	-	-	7.024
PIBD2030E166	RPGB 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4193	11.48	-	-	-	-	7.062
PIBD2031G171	RPGB 8 07/19/31	8	7/19/2011	7/19/2031	4611	12.624	392.42	3:24:09 PM	7.0250	7.0805	7.060
PIBD2032B183	RPGB 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4809	13.166	1.00	11:09:12 AM	7.2250	7.2250	7.102
PIBD2032I195	RPGB 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5047	13.818	-	-	-	-	7.170
PIBD2033C206	RPGB 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5222	14.297	-	-	-	-	7.253
PIBD2037E214	RPGB 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6741	18.456	-	-	-	-	8.109
PIBD2038B224	RPGB 6 1/2 02/22/38	6.5	2/22/2018	2/22/2038	7021	19.222	-	-	-	-	7.563
PIBD2525K015	RPGB 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2553	6.99	-	-	-	-	7.000
PIBD2530G029	RPGB 12 1/2 07/28/30	12.5	7/28/2005	7/28/2030	4255	11.65	-	-	-	-	7.239
PIBD2531A032	RPGB 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4437	12.148	-	-	-	-	7.066
PIBD2531J042	RPGB 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4689	12.838	-	-	-	-	7.057
PIBD2532K057	RPGB 8 1/2 11/29/32	8.5	11/29/2007	11/29/2032	5110	13.99	-	-	-	-	7.174
PIBD2534K062	RPGB 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5816	15.923	-	-	-	-	7.328
PIBD2535I071	RPGB 8 09/30/35	8	9/30/2010	9/30/2035	6145	16.824	2.00	3:50:43 PM	7.2500	7.2500	7.389
PIBD2535L086	RPGB 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6222	17.035	3.00	3:54:29 PM	7.3750	7.4250	7.375
PIBD2536I097	RPGB 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6510	17.823	-	-	-	-	7.465
PIBD2537H103	RPGB 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6831	18.702	-	-	-	-	7.528
PIBD2540I116	RPGB 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7951	21.769	8.00	3:54:00 PM	7.4800	7.4888	7.704
PIBL0618F063	RPTB 0 12/05/18	-	6/6/2018	12/5/2018	2	0.005	-	-	-	-	-
PIBL0618F072	RPTB 0 12/12/18	-	6/13/2018	12/12/2018	9	0.025	4.62	11:33:34 AM	5.3000	5.3000	5.179
PIBL0618F081	RPTB 0 12/19/18	-	6/20/2018	12/19/2018	16	0.044	-	-	-	-	5.287
PIBL0618F090	RPTB 0 12/26/18	-	6/27/2018	12/26/2018	23	0.063	1.83	11:33:31 AM	5.5000	5.5000	5.304
PIBL0618G106	RPTB 0 01/02/19	-	7/4/2018	1/2/2019	30	0.082	-	-	-	-	5.431
PIBL0618G115	RPTB 0 01/09/19	-	7/11/2018	1/9/2019	37	0.101	0.20	3:08:59 PM	5.2500	5.2500	5.445
PIBL0618G124	RPTB 0 01/23/19	-	7/25/2018	1/23/2019	51	0.14	-	-	-	-	4.780

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PIBL0618H132	RPTB 0 02/06/19	-	8/8/2018	2/6/2019	65	0.178	7.76	3:40:57 PM	5.7500	5.5407	5.154
PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	79	0.216	-	-	-	-	5.366
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	86	0.235	423.39	3:30:02 PM	5.3750	5.3749	5.381
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	93	0.255	4.00	11:22:08 AM	5.3100	5.3100	5.379
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	107	0.293	-	-	-	-	5.670
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	121	0.331	-	-	-	-	5.864
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	128	0.35	251.00	10:45:01 AM	5.8500	5.8649	5.863
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	148	0.405	8.65	2:23:29 PM	6.1500	6.0980	6.280
PIBL0618K218	RPTB 0 05/08/19	-	11/7/2018	5/8/2019	156	0.427	22.00	2:25:04 PM	6.2500	6.2500	6.267
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	44	0.12	-	-	-	-	4.799
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	58	0.159	8.59	3:12:10 PM	4.8500	4.8500	5.156
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	72	0.197	360.72	3:18:27 PM	5.3000	5.3109	5.309
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	100	0.274	-	-	-	-	5.640
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	114	0.312	-	-	-	-	5.700
PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	135	0.37	-	-	-	-	5.961
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	142	0.389	0.97	10:24:54 AM	5.9000	5.9000	6.175
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	163	0.446	5.67	2:33:54 PM	6.2200	6.2650	6.261
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	170	0.465	23.69	3:01:11 PM	6.2850	6.2893	6.297
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	177	0.485	574.08	3:52:35 PM	6.3250	6.3561	6.337
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	184	0.504	77.80	2:55:13 PM	6.3250	6.4467	6.423
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	190	0.52	-	-	-	-	6.233
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	198	0.542	10.50	3:34:55 PM	6.4000	6.4000	6.314
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	205	0.561	6.00	3:35:03 PM	6.4000	6.4000	6.264
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	212	0.58	-	-	-	-	6.282
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	219	0.6	-	-	-	-	6.360
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	226	0.619	-	-	-	-	6.359
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	233	0.638	-	-	-	-	6.360
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	240	0.657	18.92	3:18:51 PM	6.4000	6.3975	6.434
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	247	0.676	-	-	-	-	6.415
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	254	0.695	-	-	-	-	6.415
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	260	0.712	-	-	-	-	6.431
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	268	0.734	107.00	2:02:49 PM	6.5000	6.4984	6.500
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	275	0.753	-	-	-	-	6.327

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PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	282	0.772	-	-	-	-	6.465
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	289	0.791	-	-	-	-	6.465
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	303	0.83	-	-	-	-	6.520
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	310	0.849	-	-	-	-	6.416
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	317	0.868	-	-	-	-	6.563
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	324	0.887	-	-	-	-	6.457
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	331	0.906	2.10	2:26:27 PM	6.4500	6.4500	6.536
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	338	0.925	0.10	11:05:31 AM	6.4200	6.4200	6.454
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	345	0.945	-	-	-	-	6.461
PIBL1218K403	RPTB 0 11/20/19	-	11/21/2018	11/20/2019	352	0.964	500.52	3:00:09 PM	6.4000	6.4001	6.512
PIBL1218K412	RPTB 0 11/27/19	-	11/28/2018	11/27/2019	359	0.983	110.90	3:37:13 PM	6.5500	6.5082	6.522
PIID0320D087	RPG B 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	495	1.355	52.14	3:27:44 PM	6.5600	6.5741	6.592
PIID0321F092	RPG B 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	923	2.527	108.82	3:46:15 PM	6.6300	6.5716	6.628
PIID0522L114	RPG B 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1462	4.003	2.75	11:44:07 AM	6.7500	6.7673	6.785
PIID1020H015	RPG B 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	625	1.711	48.63	3:32:51 PM	6.6000	6.6000	6.668
PIID1021C027	RPG B 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	821	2.248	133.85	3:41:09 PM	6.6500	6.6636	6.680
PIID1021J039	RPG B 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1052	2.88	0.10	11:36:44 AM	6.6700	6.6700	6.742
PIID1023H046	RPG B 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1716	4.698	5.70	3:40:50 PM	7.1250	7.2390	7.035
PIID1026I057	RPG B 3 1/2 09/20/26	3.5	9/20/2016	9/20/2026	2848	7.797	0.15	3:29:47 PM	7.2500	7.1833	7.167
PIID1526J019	RPG B 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2878	7.88	2.00	10:14:22 AM	7.5000	7.5000	7.020
PIID1527C023	RPG B 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	3010	8.241	0.20	11:37:05 AM	7.2500	7.2500	7.005
PIID2032C014	RPG B 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4837	13.243	14.14	11:45:50 AM	7.1500	7.1661	7.429
PIID2537J015	RPG B 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6900	18.891	2.00	3:40:03 PM	7.4500	7.4500	7.911