

Domestic No	Local ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL Rate
PIBL0618E046	RPTB 0 11/07/18	-	5/9/2018	11/7/2018	7.00	0.02	-	-	-	-	4.72
PIBL1217K218	RPTB 0 11/14/18	-	11/17/2017	11/14/2018	14.00	0.04	-	-	-	-	4.72
PIBD1018K478	RPGB 8 7/8 11/20/18	8.88	11/20/2008	11/20/2018	20.00	0.06	-	-	-	-	4.63
PIBL0618E053	RPTB 0 11/21/18	-	5/23/2018	11/21/2018	21.00	0.06	-	-	-	-	4.75
PIBL1217K227	RPTB 0 11/28/18	-	5/30/2018	11/28/2018	28.00	0.08	-	-	-	-	4.67
PIBL0618F063	RPTB 0 12/05/18	-	6/6/2018	12/5/2018	35.00	0.10	-	-	-	-	5.06
PIBL0618F072	RPTB 0 12/12/18	-	6/13/2018	12/12/2018	42.00	0.12	-	-	-	-	4.79
PIBL0618F081	RPTB 0 12/19/18	-	6/20/2018	12/19/2018	49.00	0.13	-	-	-	-	4.63
PIBL0618F090	RPTB 0 12/26/18	-	6/27/2018	12/26/2018	56.00	0.15	-	-	-	-	4.87
PIBL0618G106	RPTB 0 01/02/19	-	7/4/2018	1/2/2019	63.00	0.17	-	-	-	-	4.78
PIBL0618G115	RPTB 0 01/09/19	-	7/11/2018	1/9/2019	70.00	0.19	10.00	11:27:08 AM	4.98	4.98	4.90
PIBL1218A011	RPTB 0 01/16/19	-	1/17/2018	1/16/2019	77.00	0.21	130.00	2:52:39 PM	4.94	4.94	4.76
PIBL0618G124	RPTB 0 01/23/19	-	7/25/2018	1/23/2019	84.00	0.23	381.37	3:09:25 PM	4.53	4.69	4.70
PIBL1218A020	RPTB 0 01/30/19	-	1/31/2018	1/30/2019	91.00	0.25	2320.98	3:49:24 PM	4.79	4.80	5.12
PIBL0618H132	RPTB 0 02/06/19	-	8/8/2018	2/6/2019	98.00	0.27	6.50	9:49:59 AM	4.73	4.73	5.21
PIBL1218B038	RPTB 0 02/13/19	-	2/14/2018	2/13/2019	105.00	0.29	27.10	3:30:01 PM	4.63	4.64	5.23
PIBD1019B485	RPGB 7 7/8 02/19/19	7.88	2/19/2009	2/19/2019	111.00	0.30	1379.90	2:50:54 PM	5.35	5.38	5.45
PIBL0618H141	RPTB 0 02/20/19	-	8/22/2018	2/20/2019	112.00	0.31	0.75	3:04:53 PM	4.63	4.63	5.25
PIBL0618H150	RPTB 0 02/27/19	-	8/29/2018	2/27/2019	119.00	0.33	4.00	11:48:04 AM	4.63	4.63	5.27
PIBL0618I168	RPTB 0 03/06/19	-	9/5/2018	3/6/2019	126.00	0.35	42.97	3:57:08 PM	4.75	4.75	5.39
PIBL1218C056	RPTB 0 03/13/19	-	3/14/2018	3/13/2019	133.00	0.36	-	-	-	-	5.58
PIBL0618I177	RPTB 0 03/20/19	-	9/19/2018	3/20/2019	140.00	0.38	2.62	2:36:53 PM	5.50	5.50	5.65
PIBL1218C064	RPTB 0 03/27/19	-	3/28/2018	3/27/2019	147.00	0.40	1.00	10:15:40 AM	4.95	4.95	5.67
PIBL0618J185	RPTB 0 04/03/19	-	10/3/2018	4/3/2019	154.00	0.42	10.00	2:32:38 PM	5.63	5.63	5.67
PIBL0618J194	RPTB 0 04/10/19	-	10/10/2018	4/10/2019	161.00	0.44	-	-	-	-	5.80

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PIBL1218D090	RPTB 0 04/17/19	-	4/18/2018	4/17/2019	168.00	0.46	-	-	-	-	5.78
PIBL1218D107	RPTB 0 04/24/19	-	4/25/2018	4/24/2019	175.00	0.48	10.30	2:10:10 PM	5.92	5.91	6.02
PIBD0719D531	RPG B 5 04/26/19	5.00	4/26/2012	4/26/2019	177.00	0.49	0.50	2:37:10 PM	5.90	5.90	6.10
PIBL0618J201	RPTB 0 04/30/19	-	10/31/2018	4/30/2019	181.00	0.50	1530.09	3:58:14 PM	5.91	5.97	6.17
PIBL1218E132	RPTB 0 05/15/19	-	5/16/2018	5/15/2019	196.00	0.54	-	-	-	-	6.01
PIBL1218E142	RPTB 0 05/22/19	-	5/23/2018	5/22/2019	203.00	0.56	-	-	-	-	6.02
PIBL1218E151	RPTB 0 05/29/19	-	5/30/2018	5/29/2019	210.00	0.58	1.02	2:22:55 PM	5.69	5.69	6.03
PIBL1218F169	RPTB 0 06/05/19	-	6/6/2018	6/5/2019	217.00	0.59	-	-	-	-	6.05
PIBL1218F178	RPTB 0 06/11/19	-	6/13/2018	6/11/2019	223.00	0.61	-	-	-	-	6.07
PIBL1218F188	RPTB 0 06/19/19	-	6/20/2018	6/19/2019	231.00	0.63	-	-	-	-	6.09
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	238.00	0.65	-	-	-	-	6.10
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	245.00	0.67	-	-	-	-	6.31
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	252.00	0.69	-	-	-	-	6.31
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	259.00	0.71	39.05	3:24:21 PM	6.00	6.02	6.32
PIBD0719G547	RPG B 4 3/4 07/19/19	4.75	7/19/2012	7/19/2019	261.00	0.72	-	-	-	-	6.53
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	266.00	0.73	-	-	-	-	6.32
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	273.00	0.75	3.93	11:53:03 AM	5.95	5.95	6.32
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	280.00	0.77	18.22	2:43:46 PM	6.10	6.05	6.35
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	287.00	0.79	-	-	-	-	6.33
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	293.00	0.80	38.07	3:19:57 PM	6.05	6.05	6.34
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	301.00	0.82	15.02	3:23:31 PM	6.25	6.25	6.31
PIBD0719H555	RPG B 4 3/4 08/30/19	4.75	8/30/2012	8/30/2019	303.00	0.83	-	-	-	-	6.42
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	308.00	0.84	-	-	-	-	6.38
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	315.00	0.86	10.00	9:55:22 AM	6.40	6.40	6.42
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	322.00	0.88	17.12	2:33:28 PM	6.25	6.25	6.43

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PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	336.00	0.92	201.13	11:15:44 AM	6.01	6.01	6.47
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	343.00	0.94	79.06	11:57:26 AM	6.25	6.23	6.50
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	350.00	0.96	5.37	3:58:47 PM	6.23	6.21	6.49
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	357.00	0.98	56.16	3:58:43 PM	6.38	6.36	6.52
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	364.00	1.00	286.92	3:33:27 PM	6.30	6.26	6.44
PIBD0719K560	RPGB 3 7/8 11/22/19	3.88	11/22/2012	11/22/2019	387.00	1.06	111.50	3:46:11 PM	6.60	6.44	6.65
PIBD0320A229	RPGB 3 3/8 01/12/20	3.38	1/12/2017	1/12/2020	438.00	1.20	15.20	3:46:40 PM	6.70	6.58	6.78
PIBD1020B508	RPGB 7 3/4 02/18/20	7.75	2/18/2010	2/18/2020	475.00	1.30	-	-	-	-	6.65
PIID0320D087	RPGB 4 1/4 04/11/20	4.25	4/11/2017	4/11/2020	528.00	1.45	61.52	3:43:01 PM	6.45	6.59	6.72
PIID1020H015	RPGB 7 1/4 08/19/20	7.25	8/19/2010	8/19/2020	658.00	1.80	-	-	-	-	6.77
PIBD0520H735	RPGB 3 3/8 08/20/20	3.38	8/20/2015	8/20/2020	659.00	1.80	209.92	2:43:42 PM	6.70	6.75	6.84
PIBD1020I510	RPGB 6 1/8 09/16/20	6.13	9/16/2010	9/16/2020	686.00	1.88	-	-	-	-	6.90
PIBD1020L525	RPGB 5 7/8 12/16/20	5.88	12/16/2010	12/16/2020	777.00	2.13	-	-	-	-	6.95
PIBD0321A236	RPGB 4 1/4 01/25/21	4.25	1/25/2018	1/25/2021	817.00	2.24	2.04	2:39:57 PM	6.68	6.68	6.74
PIID1021C027	RPGB 7 3/8 03/03/21	7.38	3/3/2011	3/3/2021	854.00	2.34	-	-	-	-	6.90
PIBD0721C574	RPGB 3 1/2 03/20/21	3.50	3/20/2014	3/20/2021	871.00	2.39	2.10	2:22:31 PM	6.70	6.70	6.94
PIBD1021D531	RPGB 6 1/2 04/28/21	6.50	4/28/2011	4/28/2021	910.00	2.49	-	-	-	-	7.00
PIID0321F092	RPGB 4 7/8 06/13/21	4.88	6/13/2018	6/13/2021	956.00	2.62	0.50	10:32:31 AM	6.73	6.73	6.92
PIID1021J039	RPGB 5 3/4 10/20/21	5.75	10/20/2011	10/20/2021	1085.00	2.97	-	-	-	-	7.01
PIBD1021K551	RPGB 5 3/4 11/24/21	5.75	11/24/2011	11/24/2021	1120.00	3.07	-	-	-	-	7.14
PIBD1022G545	RPGB 6 3/8 01/19/22	6.38	7/19/2011	1/19/2022	1176.00	3.22	-	-	-	-	7.27
PIBD0522A747	RPGB 4 01/26/22	4.00	1/26/2017	1/26/2022	1183.00	3.24	170.05	11:19:37 AM	6.85	6.85	7.00
PIBD2022C021	RPGB 15 03/14/22	15.00	3/14/2002	3/14/2022	1230.00	3.37	-	-	-	-	6.98
PIBD1022H562	RPGB 4 7/8 08/02/22	4.88	8/2/2012	8/2/2022	1371.00	3.75	-	-	-	-	7.73
PIBD1022I570	RPGB 4 3/4 09/13/22	4.75	9/13/2012	9/13/2022	1413.00	3.87	-	-	-	-	7.50

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PIBD2022J033	RPGB 12 3/4 10/17/22	12.75	10/17/2002	10/17/2022	1447.00	3.96	-	-	-	-	7.43
PIID0522L114	RPGB 4 5/8 12/04/22	4.63	12/4/2017	12/4/2022	1495.00	4.09	5.47	3:12:39 PM	6.75	6.77	7.00
PIBD1022L585	RPGB 4 12/06/22	4.00	12/6/2012	12/6/2022	1497.00	4.10	-	-	-	-	7.44
PIBD2023B048	RPGB 13 02/20/23	13.00	2/20/2003	2/20/2023	1573.00	4.31	-	-	-	-	7.10
PIBD0523C752	RPGB 5 1/2 03/08/23	5.50	3/8/2018	3/8/2023	1589.00	4.35	257.50	3:11:38 PM	6.88	6.95	7.22
PIBD0723D588	RPGB 3 1/2 04/21/23	3.50	4/21/2016	4/21/2023	1633.00	4.47	30.00	11:59:29 AM	7.25	7.25	7.33
PIBD2023E054	RPGB 11 7/8 05/29/23	11.88	5/29/2003	5/29/2023	1671.00	4.58	-	-	-	-	7.55
PIID1023H046	RPGB 3 1/4 08/15/23	3.25	8/15/2013	8/15/2023	1749.00	4.79	10.50	3:24:45 PM	7.58	7.55	7.89
PIBD2023J068	RPGB 11 3/8 10/23/23	11.38	10/23/2003	10/23/2023	1818.00	4.98	10.00	9:14:28 AM	7.20	7.20	7.58
PIBD0724D595	RPGB 4 1/2 04/20/24	4.50	4/20/2017	4/20/2024	1998.00	5.47	-	-	-	-	7.52
PIBD2024F075	RPGB 12 3/8 06/03/24	12.38	6/3/2004	6/3/2024	2042.00	5.59	-	-	-	-	7.62
PIBD2024H086	RPGB 12 7/8 08/05/24	12.88	8/5/2004	8/5/2024	2105.00	5.76	-	-	-	-	7.77
PIBD1024H595	RPGB 4 1/8 08/20/24	4.13	8/20/2014	8/20/2024	2120.00	5.80	-	-	-	-	7.95
PIBD2024K091	RPGB 13 3/4 11/11/24	13.75	11/11/2004	11/11/2024	2203.00	6.03	-	-	-	-	7.80
PIBD0725D618	RPGB 5 3/4 04/12/25	5.75	4/12/2018	4/12/2025	2355.00	6.45	111.00	3:40:13 PM	7.45	7.45	7.63
PIBD2025D103	RPGB 12 1/8 04/14/25	12.13	4/14/2005	4/14/2025	2357.00	6.45	-	-	-	-	7.80
PIBD1025I608	RPGB 3 5/8 09/09/25	3.63	9/9/2015	9/9/2025	2505.00	6.86	54.20	3:49:40 PM	7.60	7.63	7.72
PIBD2025J116	RPGB 12 1/8 10/20/25	12.13	10/20/2005	10/20/2025	2546.00	6.97	-	-	-	-	7.86
PIBD2525K015	RPGB 18 1/4 11/29/25	18.25	11/29/2000	11/29/2025	2586.00	7.08	-	-	-	-	7.88
PIBD2026A122	RPGB 10 1/4 01/19/26	10.25	1/19/2006	1/19/2026	2637.00	7.22	-	-	-	-	7.89
PIID1026I057	RPGB 3 1/2 09/20/26	3.50	9/20/2016	9/20/2026	2881.00	7.89	-	-	-	-	8.01
PIID1526J019	RPGB 6 1/4 10/20/26	6.25	10/20/2011	10/20/2026	2911.00	7.97	10.00	3:34:12 PM	7.50	7.50	7.96
PIBD2026L139	RPGB 8 12/07/26	8.00	12/7/2006	12/7/2026	2959.00	8.10	-	-	-	-	7.92
PIID1527C023	RPGB 5 3/8 03/01/27	5.38	3/1/2012	3/1/2027	3043.00	8.33	-	-	-	-	7.96
PIBD1027E617	RPGB 4 3/4 05/04/27	4.75	5/4/2017	5/4/2027	3107.00	8.51	-	-	-	-	7.91

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PIBD2027I140	RPGB 8 5/8 09/06/27	8.63	9/6/2007	9/6/2027	3232.00	8.85	-	-	-	-	7.98
PIBD1028C635	RPGB 6 1/4 03/22/28	6.25	3/22/2018	3/22/2028	3430.00	9.39	34.00	12:04:06 PM	7.90	7.90	7.95
PIBD2028L151	RPGB 9 1/2 12/04/28	9.50	12/4/2008	12/4/2028	3687.00	10.09	-	-	-	-	8.02
PIBD2030E166	RPGB 8 3/4 05/27/30	8.75	5/27/2010	5/27/2030	4226.00	11.57	-	-	-	-	8.04
PIBD2530G029	RPGB 12 1/2 07/28/30	12.50	7/28/2005	7/28/2030	4288.00	11.74	-	-	-	-	8.19
PIBD2531A032	RPGB 11 1/4 01/26/31	11.25	1/26/2006	1/26/2031	4470.00	12.24	-	-	-	-	7.99
PIBD2031G171	RPGB 8 07/19/31	8.00	7/19/2011	7/19/2031	4644.00	12.72	906.97	3:52:31 PM	7.90	7.81	7.83
PIBD2531J042	RPGB 9 3/8 10/05/31	9.38	10/5/2006	10/5/2031	4722.00	12.93	-	-	-	-	8.03
PIBD2032B183	RPGB 5 7/8 02/02/32	5.88	2/2/2012	2/2/2032	4842.00	13.26	-	-	-	-	8.05
PIID2032C014	RPGB 5 7/8 03/01/32	5.88	3/1/2012	3/1/2032	4870.00	13.33	0.99	3:05:58 PM	8.10	8.14	8.18
PIBD2032I195	RPGB 5 3/4 09/27/32	5.75	9/27/2012	9/27/2032	5080.00	13.91	-	-	-	-	8.10
PIBD2532K057	RPGB 8 1/2 11/29/32	8.50	11/29/2007	11/29/2032	5143.00	14.08	-	-	-	-	8.13
PIBD2033C206	RPGB 3 5/8 03/21/33	3.63	3/21/2013	3/21/2033	5255.00	14.39	7.89	3:24:42 PM	8.06	8.01	8.25
PIBD2534K062	RPGB 9 1/4 11/05/34	9.25	11/5/2009	11/5/2034	5849.00	16.01	-	-	-	-	8.19
PIBD2535I071	RPGB 8 09/30/35	8.00	9/30/2010	9/30/2035	6178.00	16.91	-	-	-	-	8.21
PIBD2535L086	RPGB 8 1/8 12/16/35	8.13	12/16/2010	12/16/2035	6255.00	17.13	2.90	3:06:39 PM	8.11	8.05	8.19
PIBD2536I097	RPGB 7 5/8 09/29/36	7.63	9/29/2011	9/29/2036	6543.00	17.91	-	-	-	-	8.26
PIBD2037E214	RPGB 5 1/4 05/18/37	5.25	5/18/2017	5/18/2037	6774.00	18.55	3.00	11:14:59 AM	8.15	8.15	8.30
PIBD2537H103	RPGB 5 3/4 08/16/37	5.75	8/16/2012	8/16/2037	6864.00	18.79	8.00	3:08:29 PM	8.50	8.37	8.31
PIID2537J015	RPGB 6 1/8 10/24/37	6.13	10/24/2012	10/24/2037	6933.00	18.98	38.69	3:46:22 PM	8.35	8.27	8.26
PIBD2038B224	RPGB 6 1/2 02/22/38	6.50	2/22/2018	2/22/2038	7054.00	19.31	-	-	-	-	8.34
PIBD2540I116	RPGB 4 5/8 09/09/40	4.63	9/9/2015	9/9/2040	7984.00	21.86	-	-	-	-	8.44