

Domestic No.	Global ID	Coupon	Issue Date	Maturity	Days	Years	D.Vol(MM)	Traded Time	Last Yield	W.Ave Yield	BVAL	Rate
PIBL1218F196	RPTB 0 06/26/19	-	6/27/2018	6/26/2019	6	0.02	3.000000	2:15:33 PM	4.4000	4.4000		4.857
PIBL1218G202	RPTB 0 07/03/19	-	7/4/2018	7/3/2019	13	0.04	0.200000	10:22:29 AM	4.2000	4.2000		4.567
PIBL1218G211	RPTB 0 07/10/19	-	7/11/2018	7/10/2019	20	0.06	1.001000	11:01:07 AM	4.2500	4.2500		4.537
PIBL1218G220	RPTB 0 07/17/19	-	7/18/2018	7/17/2019	27	0.07	2.760000	3:00:59 PM	4.3000	4.2638		4.500
PIBD0719G547	RPGB 4 3/4 07/19/19	4.750	7/19/2012	7/19/2019	29	0.08	0.263000	3:23:36 PM	4.9000	4.9000		5.069
PIBL1218G239	RPTB 0 07/24/19	-	7/25/2018	7/24/2019	34	0.09	2.006000	10:31:14 AM	4.2000	4.2000		4.699
PIBL1218H249	RPTB 0 07/31/19	-	8/1/2018	7/31/2019	41	0.11	-	-	-	-		4.758
PIBL1218H256	RPTB 0 08/07/19	-	8/8/2018	8/7/2019	48	0.13	166.950000	3:34:19 PM	4.3500	4.3428		4.350
PIBL1218H265	RPTB 0 08/14/19	-	8/15/2018	8/14/2019	55	0.15	85.630000	3:25:41 PM	4.4000	4.3293		4.588
PIBL1218H274	RPTB 0 08/20/19	-	8/22/2018	8/20/2019	61	0.17	45.005000	11:29:05 AM	4.3750	4.3737		4.500
PIBL1218H283	RPTB 0 08/28/19	-	8/29/2018	8/28/2019	69	0.19	22.400000	3:05:33 PM	4.4000	4.4008		4.920
PIBD0719H555	RPGB 4 3/4 08/30/19	4.750	8/30/2012	8/30/2019	71	0.19	-	-	-	-		5.046
PIBL1218I291	RPTB 0 09/04/19	-	9/5/2018	9/4/2019	76	0.21	141.072000	3:37:43 PM	4.4500	4.4075		4.453
PIBL1218I308	RPTB 0 09/11/19	-	9/12/2018	9/11/2019	83	0.23	23.412000	3:50:50 PM	4.4000	4.4227		4.437
PIBL1218I317	RPTB 0 09/18/19	-	9/19/2018	9/18/2019	90	0.25	1132.968000	3:31:22 PM	4.4000	4.4155		4.429
PIBL0619C019	RPTB 0 09/25/19	-	3/27/2019	9/25/2019	97	0.27	-	-	-	-		4.567
PIBL1218J334	RPTB 0 10/02/19	-	10/3/2018	10/2/2019	104	0.29	7.000000	3:18:35 PM	4.5000	4.5000		4.639
PIBL1218J343	RPTB 0 10/09/19	-	10/10/2018	10/9/2019	111	0.30	25.592000	2:48:47 PM	4.5250	4.5452		4.638
PIBL1218J352	RPTB 0 10/16/19	-	10/17/2018	10/16/2019	118	0.32	-	-	-	-		4.750
PIBL1218J361	RPTB 0 10/23/19	-	10/24/2018	10/23/2019	125	0.34	2.900000	3:15:58 PM	4.5750	4.5750		5.056
PIBL1218J370	RPTB 0 10/30/19	-	10/31/2018	10/30/2019	132	0.36	151.980000	10:35:09 AM	4.6000	4.6000		4.672
PIBL1218K387	RPTB 0 11/06/19	-	11/7/2018	11/6/2019	139	0.38	-	-	-	-		4.702
PIBL1218K396	RPTB 0 11/13/19	-	11/14/2018	11/13/2019	146	0.40	14.000000	3:36:47 PM	4.7500	4.7500		4.725
PIBL1218K403	RPTB 0 11/20/19	-	11/21/2018	11/20/2019	153	0.42	13.243000	2:01:55 PM	4.6250	4.6471		4.750
PIBD0719K560	RPGB 3 7/8 11/22/19	3.875	11/22/2012	11/22/2019	155	0.42	1165.933000	3:41:32 PM	4.9750	4.9751		4.981
PIBL1218K412	RPTB 0 11/27/19	-	11/28/2018	11/27/2019	160	0.44	1.020000	2:35:43 PM	4.7600	4.7600		5.078
PIBL1218L420	RPTB 0 12/04/19	-	12/5/2018	12/4/2019	167	0.46	-	-	-	-		4.976
PIBL1218L439	RPTB 0 12/11/19	-	12/12/2018	12/11/2019	174	0.48	24.769000	2:48:43 PM	4.7950	4.7836		4.819
PIBL0619F025	RPTB 0 12/18/19	-	6/19/2019	12/18/2019	181	0.50	454.218000	3:55:03 PM	4.7975	4.8137		4.815
PIBL1219A019	RPTB 0 01/08/20	-	1/9/2019	1/8/2020	202	0.55	5.270000	3:25:51 PM	4.9500	4.9500		5.064
PIBD0320A229	RPGB 3 3/8 01/12/20	3.375	1/12/2017	1/12/2020	206	0.56	27.600000	3:00:34 PM	5.0000	4.9770		4.987
PIBL1219A028	RPTB 0 01/15/20	-	1/16/2019	1/15/2020	209	0.57	-	-	-	-		4.900
PIBL1219A037	RPTB 0 01/22/20	-	1/23/2019	1/22/2020	216	0.59	500.000000	11:12:07 AM	4.8500	4.8500		4.887
PIBL1219A046	RPTB 0 01/29/20	-	1/30/2019	1/29/2020	223	0.61	-	-	-	-		4.933
PIBL1219B054	RPTB 0 02/05/20	-	2/6/2019	2/5/2020	230	0.63	15.407000	3:41:05 PM	4.8300	4.8270		5.111
PIBL1219B063	RPTB 0 02/12/20	-	2/13/2019	2/12/2020	237	0.65	-	-	-	-		4.900
PIBD1020B508	RPGB 7 3/4 02/18/20	7.750	2/18/2010	2/18/2020	243	0.67	208.800000	3:07:36 PM	5.0500	5.0238		5.023
PIBL1219B072	RPTB 0 02/19/20	-	2/20/2019	2/19/2020	244	0.67	-	-	-	-		5.000
PIBL1219C106	RPTB 0 03/11/20	-	3/13/2019	3/11/2020	265	0.73	0.206000	10:06:46 AM	4.8000	4.8000		4.950
PIBL1219C115	RPTB 0 03/18/20	-	3/20/2019	3/18/2020	272	0.75	1.500000	2:34:35 PM	5.0000	5.0000		5.073
PIBL1219C124	RPTB 0 03/25/20	-	3/27/2019	3/25/2020	279	0.76	-	-	-	-		5.223
PIBL1219D132	RPTB 0 04/01/20	-	4/3/2019	4/1/2020	286	0.78	1.530000	10:43:34 AM	4.9250	4.9250		4.985

PIBL1219D141	RPTB 0 04/08/20	-	4/10/2019	4/8/2020	293	0.80	3.100000	3:39:32 PM	5.0000	5.0000	5.167
PIID0320D087	RPGB 4 1/4 04/11/20	4.250	4/11/2017	4/11/2020	296	0.81	820.220000	3:55:17 PM	4.9700	4.9687	4.970
PIBL1219D178	RPTB 0 04/29/20	-	4/30/2019	4/29/2020	314	0.86 -	-	-	-	-	5.214
PIBL1219E186	RPTB 0 05/06/20	-	5/8/2019	5/6/2020	321	0.88 -	-	-	-	-	4.952
PIBL1219E195	RPTB 0 05/13/20	-	5/15/2019	5/13/2020	328	0.90 -	-	-	-	-	5.199
PIBL1219E202	RPTB 0 05/20/20	-	5/22/2019	5/20/2020	335	0.92 -	-	-	-	-	5.051
PIBL1219E211	RPTB 0 05/27/20	-	5/29/2019	5/27/2020	342	0.94 -	-	-	-	-	4.969
PIBL1219F229	RPTB 0 06/03/20	-	6/4/2019	6/3/2020	349	0.96 -	-	-	-	-	5.098
PIBL1219F238	RPTB 0 06/10/20	-	6/11/2019	6/10/2020	356	0.98	6.600000	3:14:25 PM	4.9750	4.9750	4.986
PIBL1219F247	RPTB 0 06/17/20	-	6/19/2019	6/17/2020	363	0.99	53.039000	3:32:56 PM	5.0100	4.9985	5.002
PIID1020H015	RPGB 7 1/4 08/19/20	7.250	8/19/2010	8/19/2020	426	1.17 -	-	-	-	-	5.155
PIBD0520H735	RPGB 3 3/8 08/20/20	3.375	8/20/2015	8/20/2020	427	1.17	1520.000000	2:48:46 PM	5.0200	5.0151	5.022
PIBD1020I510	RPGB 6 1/8 09/16/20	6.125	9/16/2010	9/16/2020	454	1.24	0.500000	3:01:15 PM	5.0000	5.0000	5.066
PIBD1020L525	RPGB 5 7/8 12/16/20	5.875	12/16/2010	12/16/2020	545	1.49	19.100000	3:23:09 PM	5.0500	5.0500	4.939
PIBD0321A236	RPGB 4 1/4 01/25/21	4.250	1/25/2018	1/25/2021	585	1.60 -	-	-	-	-	5.047
PIID1021C027	RPGB 7 3/8 03/03/21	7.375	3/3/2011	3/3/2021	622	1.70	143.200000	2:35:01 PM	5.0500	5.0255	5.026
PIBD0721C574	RPGB 3 1/2 03/20/21	3.500	3/20/2014	3/20/2021	639	1.75	2.000000	11:50:20 AM	4.9800	4.9800	5.026
PIBD1021D531	RPGB 6 1/2 04/28/21	6.500	4/28/2011	4/28/2021	678	1.86	7.000000	9:43:03 AM	5.0750	5.0750	5.079
PIID0321F092	RPGB 4 7/8 06/13/21	4.875	6/13/2018	6/13/2021	724	1.98	228.336000	3:48:40 PM	4.9200	4.9240	4.920
PIID1021J039	RPGB 5 3/4 10/20/21	5.750	10/20/2011	10/20/2021	853	2.34 -	-	-	-	-	5.140
PIBD1021K551	RPGB 5 3/4 11/24/21	5.750	11/24/2011	11/24/2021	888	2.43 -	-	-	-	-	4.939
PIBD1022G545	RPGB 6 3/8 01/19/22	6.375	7/19/2011	1/19/2022	944	2.59	61.000000	11:47:07 AM	5.0000	5.0000	5.058
PIBD0522A747	RPGB 4 01/26/22	4.000	1/26/2017	1/26/2022	951	2.60	336.386000	3:57:48 PM	4.9500	4.9532	4.958
PIBD2022C021	RPGB 15 03/14/22	15.000	3/14/2002	3/14/2022	998	2.73 -	-	-	-	-	4.892
PIBD1022H562	RPGB 4 7/8 08/02/22	4.875	8/2/2012	8/2/2022	1139	3.12 -	-	-	-	-	5.168
PIBD1022I570	RPGB 4 3/4 09/13/22	4.750	9/13/2012	9/13/2022	1181	3.23 -	-	-	-	-	5.099
PIBD2022J033	RPGB 12 3/4 10/17/22	12.750	10/17/2002	10/17/2022	1215	3.33 -	-	-	-	-	5.027
PIID0522L114	RPGB 4 5/8 12/04/22	4.625	12/4/2017	12/4/2022	1263	3.46	1129.712600	3:28:02 PM	4.9900	4.9527	4.957
PIBD1022L585	RPGB 4 12/06/22	4.000	12/6/2012	12/6/2022	1265	3.46 -	-	-	-	-	5.090
PIBD2023B048	RPGB 13 02/20/23	13.000	2/20/2003	2/20/2023	1341	3.67 -	-	-	-	-	5.140
PIBD0523C752	RPGB 5 1/2 03/08/23	5.500	3/8/2018	3/8/2023	1357	3.72	61.000000	3:00:06 PM	4.9800	4.9536	4.995
PIBD0723D588	RPGB 3 1/2 04/21/23	3.500	4/21/2016	4/21/2023	1401	3.84 -	-	-	-	-	5.060
PIBD2023E054	RPGB 11 7/8 05/29/23	11.875	5/29/2003	5/29/2023	1439	3.94 -	-	-	-	-	5.144
PIID1023H046	RPGB 3 1/4 08/15/23	3.250	8/15/2013	8/15/2023	1517	4.15	14.100000	3:07:31 PM	5.2000	5.1621	5.119
PIBD2023J068	RPGB 11 3/8 10/23/23	11.375	10/23/2003	10/23/2023	1586	4.34 -	-	-	-	-	5.029
PIID0524C129	RPGB 6 1/4 03/12/24	6.250	3/12/2019	3/12/2024	1727	4.73	9390.300000	3:58:14 PM	4.9750	4.9779	4.980
PIBD0724D595	RPGB 4 1/2 04/20/24	4.500	4/20/2017	4/20/2024	1766	4.84	20.000000	2:14:51 PM	5.0750	5.0750	5.075
PIBD2024F075	RPGB 12 3/8 06/03/24	12.375	6/3/2004	6/3/2024	1810	4.96 -	-	-	-	-	4.962
PIBD2024H086	RPGB 12 7/8 08/05/24	12.875	8/5/2004	8/5/2024	1873	5.13 -	-	-	-	-	5.038
PIBD1024H595	RPGB 4 1/8 08/20/24	4.125	8/20/2014	8/20/2024	1888	5.17	119.000000	11:54:47 AM	5.1100	5.1210	5.127
PIBD2024K091	RPGB 13 3/4 11/11/24	13.750	11/11/2004	11/11/2024	1971	5.40 -	-	-	-	-	5.034
PIBD0725D618	RPGB 5 3/4 04/12/25	5.750	4/12/2018	4/12/2025	2123	5.81	2346.336000	3:55:40 PM	5.0300	5.0150	5.028
PIBD2025D103	RPGB 12 1/8 04/14/25	12.125	4/14/2005	4/14/2025	2125	5.82 -	-	-	-	-	5.008

PIBD10251608	RPGB 3 5/8 09/09/25	3.625	9/9/2015	9/9/2025	2273	6.22	5.030000	3:22:14 PM	5.1000	5.1000	5.091
PIBD2025J116	RPGB 12 1/8 10/20/25	12.125	10/20/2005	10/20/2025	2314	6.34 -	-	-	-	-	5.012
PIBD2525K015	RPGB 18 1/4 11/29/25	18.250	11/29/2000	11/29/2025	2354	6.45 -	-	-	-	-	5.018
PIBD2026A122	RPGB 10 1/4 01/19/26	10.250	1/19/2006	1/19/2026	2405	6.59 -	-	-	-	-	5.020
PIBD0726B627	RPGB 6 1/4 02/14/26	6.250	2/14/2019	2/14/2026	2431	6.66	4202.000000	3:56:12 PM	5.0200	5.0222	5.031
PIID1026I057	RPGB 3 1/2 09/20/26	3.500	9/20/2016	9/20/2026	2649	7.25	2.000000	3:32:51 PM	5.1200	5.1263	5.165
PIID1526J019	RPGB 6 1/4 10/20/26	6.250	10/20/2011	10/20/2026	2679	7.34	20.000000	3:54:03 PM	5.1250	5.0875	5.036
PIBD2026L139	RPGB 8 12/07/26	8.000	12/7/2006	12/7/2026	2727	7.47 -	-	-	-	-	4.777
PIID1527C023	RPGB 5 3/8 03/01/27	5.375	3/1/2012	3/1/2027	2811	7.70 -	-	-	-	-	5.192
PIBD1027E617	RPGB 4 3/4 05/04/27	4.750	5/4/2017	5/4/2027	2875	7.87	135.000000	10:13:00 AM	5.1000	5.1000	5.100
PIBD2027I140	RPGB 8 5/8 09/06/27	8.625	9/6/2007	9/6/2027	3000	8.21	1.000000	11:50:27 AM	5.1750	5.1750	5.270
PIBD1028C635	RPGB 6 1/4 03/22/28	6.250	3/22/2018	3/22/2028	3198	8.76	1060.000000	2:49:51 PM	5.0750	5.0281	5.050
PIBD2028L151	RPGB 9 1/2 12/04/28	9.500	12/4/2008	12/4/2028	3455	9.46 -	-	-	-	-	5.050
PIBD1029A644	RPGB 6 7/8 01/10/29	6.875	1/10/2019	1/10/2029	3492	9.56	4187.800000	3:54:56 PM	5.0600	5.0375	5.062
PIBD2030E166	RPGB 8 3/4 05/27/30	8.750	5/27/2010	5/27/2030	3994	10.94	5.100000	11:48:43 AM	5.2000	5.2000	5.068
PIBD2530G029	RPGB 12 1/2 07/28/30	12.500	7/28/2005	7/28/2030	4056	11.11 -	-	-	-	-	5.148
PIBD2531A032	RPGB 11 1/4 01/26/31	11.250	1/26/2006	1/26/2031	4238	11.60 -	-	-	-	-	5.062
PIBD2031G171	RPGB 8 07/19/31	8.000	7/19/2011	7/19/2031	4412	12.08	241.500000	2:04:42 PM	5.0775	5.0822	5.085
PIBD2531J042	RPGB 9 3/8 10/05/31	9.375	10/5/2006	10/5/2031	4490	12.29 -	-	-	-	-	5.083
PIBD2032B183	RPGB 5 7/8 02/02/32	5.875	2/2/2012	2/2/2032	4610	12.62 -	-	-	-	-	5.532
PIID2032C014	RPGB 5 7/8 03/01/32	5.875	3/1/2012	3/1/2032	4638	12.70	16.886000	11:58:16 AM	5.2500	5.1595	5.453
PIBD2032I195	RPGB 5 3/4 09/27/32	5.750	9/27/2012	9/27/2032	4848	13.27 -	-	-	-	-	5.096
PIBD2532K057	RPGB 8 1/2 11/29/32	8.500	11/29/2007	11/29/2032	4911	13.45 -	-	-	-	-	5.162
PIBD2033C206	RPGB 3 5/8 03/21/33	3.625	3/21/2013	3/21/2033	5023	13.75	1.500000	2:07:35 PM	5.1200	5.1200	5.300
PIBD2534K062	RPGB 9 1/4 11/05/34	9.250	11/5/2009	11/5/2034	5617	15.38 -	-	-	-	-	5.126
PIBD2535I071	RPGB 8 09/30/35	8.000	9/30/2010	9/30/2035	5946	16.28 -	-	-	-	-	5.132
PIBD2535L086	RPGB 8 1/8 12/16/35	8.125	12/16/2010	12/16/2035	6023	16.49	0.650000	2:27:21 PM	5.3250	5.3250	5.559
PIBD2536I097	RPGB 7 5/8 09/29/36	7.625	9/29/2011	9/29/2036	6311	17.28 -	-	-	-	-	5.395
PIBD2037E214	RPGB 5 1/4 05/18/37	5.250	5/18/2017	5/18/2037	6542	17.91	5.000000	2:31:17 PM	5.1750	5.1830	5.382
PIBD2537H103	RPGB 5 3/4 08/16/37	5.750	8/16/2012	8/16/2037	6632	18.16 -	-	-	-	-	5.310
PIID2537J015	RPGB 6 1/8 10/24/37	6.125	10/24/2012	10/24/2037	6701	18.35	35.866000	2:51:49 PM	5.6000	5.3407	5.186
PIBD2038B224	RPGB 6 1/2 02/22/38	6.500	2/22/2018	2/22/2038	6822	18.68 -	-	-	-	-	5.242
PIBD2039A232	RPGB 6 3/4 01/24/39	6.750	1/24/2019	1/24/2039	7158	19.60	2198.000000	3:30:39 PM	5.1800	5.1437	5.175
PIBD2540I116	RPGB 4 5/8 09/09/40	4.625	9/9/2015	9/9/2040	7752	21.22	12.000000	2:53:35 PM	5.3500	5.2500	5.211