Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				3-5/8% 30-Year TIPS TIPS of April 2028 912810FD5 April 15, 1998 April 15, 1998 July 15, 1998 April 15, 2028 161.74000	3-7/8% 30-Year TIPS TIPS of April 2029 912810FH6 April 15, 1999 April 15, 1999 October 15, 1999 October 16, 2000 April 15, 2029 164.39333	3-3/8% 30-1/2-Year TIPS TIPS of April 2032 912810FQ6 October 15, 2001 October 15, 2001 April 15, 2032 177.50000	2-3/8% 20-1/2-Year TIPS TIPS of January 2025 912810FR4 July 15, 2004 July 30, 2004 January 31, 2005 July 29, 2005 January 15, 2025 188.49677
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
June	ne 1 2019 254.20200		254.20200	1.57167	1.54630	1.43212	1.34857
June		2019	254.24687	1.57195	1.54658	1.43238	1.34881
June		2019	254.29173	1.57223	1.54685	1.43263	1.34905
June		2019	254.33660	1.57250	1.54712	1.43288	1.34929
June		2019	254.38147	1.57278	1.54740	1.43314	1.34953
June		2019	254.42633	1.57306	1.54767	1.43339	1.34976
June		2019	254.47120	1.57333	1.54794	1.43364	1.35000
June		2019	254.51607	1.57361	1.54821	1.43389	1.35024
June		2019	254.56093	1.57389	1.54849	1.43415	1.35048
June		2019	254.60580	1.57417	1.54876	1.43440	1.35072
June		2019	254.65067	1.57444	1.54903	1.43465	1.35096
June		2019	254.69553	1.57472	1.54931	1.43490	1.35119
June	13	2019	254.74040	1.57500	1.54958	1.43516	1.35143
June		2019	254.78527	1.57528	1.54985	1.43541	1.35167
June		2019	254.83013	1.57555	1.55012	1.43566	1.35191
June	16	2019	254.87500	1.57583	1.55040	1.43592	1.35215
June	17	2019	254.91987	1.57611	1.55067	1.43617	1.35238
June	18	2019	254.96473	1.57639	1.55094	1.43642	1.35262
June	19	2019	255.00960	1.57666	1.55122	1.43667	1.35286
June	20	2019	255.05447	1.57694	1.55149	1.43693	1.35310
June	21	2019	255.09933	1.57722	1.55176	1.43718	1.35334
June	22	2019	255.14420	1.57750	1.55203	1.43743	1.35357
June	23	2019	255.18907	1.57777	1.55231	1.43768	1.35381
June	24	2019	255.23393	1.57805	1.55258	1.43794	1.35405
June	25	2019	255.27880	1.57833	1.55285	1.43819	1.35429
June	26	2019	255.32367	1.57861	1.55313	1.43844	1.35453
June		2019	255.36853	1.57888	1.55340	1.43870	1.35476
June		2019	255.41340	1.57916	1.55367	1.43895	1.35500
June		2019	255.45827	1.57944	1.55395	1.43920	1.35524
June	30	2019	255.50313	1.57972	1.55422	1.43945	1.35548
CPI-U	NSA) for:		February 20	19 252.776	March 2019 254,202	2 April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006 January 15, 2026 198.47742	2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007 January 15, 2027 201.66452	1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008 January 15, 2028 209.49645	2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971
Da	nte		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
June	1	2019	254.20200	1.28076	1.26052	1.21340	1.18399
June	2	2019	254.24687	1.28099	1.26074	1.21361	1.18420
June	3	2019	254.29173	1.28121	1.26096	1.21382	1.18441
June	4	2019	254.33660	1.28144	1.26119	1.21404	1.18462
June	5	2019	254.38147	1.28166	1.26141	1.21425	1.18482
June	6	2019	254.42633	1.28189	1.26163	1.21447	1.18503
June	7	2019	254.47120	1.28212	1.26185	1.21468	1.18524
June	8	2019	254.51607	1.28234	1.26208	1.21489	1.18545
June	9	2019	254.56093	1.28257	1.26230	1.21511	1.18566
June	10	2019	254.60580	1.28279	1.26252	1.21532	1.18587
June	11	2019	254.65067	1.28302	1.26274	1.21554	1.18608
June	12	2019	254.69553	1.28325	1.26297	1.21575	1.18629
June	13	2019	254.74040	1.28347	1.26319	1.21597	1.18650
June	14	2019	254.78527	1.28370	1.26341	1.21618	1.18671
June	15	2019	254.83013	1.28393	1.26363	1.21639	1.18691
June	16	2019	254.87500	1.28415	1.26386	1.21661	1.18712
June	17	2019	254.91987	1.28438	1.26408	1.21682	1.18733
June	18	2019	254.96473	1.28460	1.26430	1.21704	1.18754
June	19	2019	255.00960	1.28483	1.26452	1.21725	1.18775
June	20	2019	255.05447	1.28506	1.26475	1.21746	1.18796
June	21	2019	255.09933	1.28528	1.26497	1.21768	1.18817
June	22	2019	255.14420	1.28551	1.26519	1.21789	1.18838
June	23	2019	255.18907	1.28573	1.26541	1.21811	1.18859
June	24	2019	255.23393	1.28596	1.26564	1.21832	1.18879
June	25	2019	255.27880	1.28619	1.26586	1.21854	1.18900
June	26	2019	255.32367	1.28641	1.26608	1.21875	1.18921
June	27	2019	255.36853	1.28664	1.26630	1.21896	1.18942
June	28	2019	255.41340	1.28686	1.26653	1.21918	1.18963
June	29	2019	255.45827	1.28709	1.26675	1.21939	1.18984
June	30	2019	255.50313	1.28732	1.26697	1.21961	1.19005
CPI-U (NSA) for:		February 201	19 252.776	March 2019 254,202	2 April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009 July 15, 2019 213.51819	1-3/8% 10-Year TIPS Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010 January 15, 2020 216.24610	2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010 February 15, 2040 216.13950	1-1/4% 10-Year TIPS Series D-2020 912828NM8 July 15, 2010 July 15, 2010 September 15, 2010 November 15, 2010 July 15, 2020 218.08532
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
T	1	2010	254 20200	1 10054	1.17550	1.17610	1.16561
June	1	2019	254.20200	1.19054	1.17552	1.17610	1.16561
June	2	2019 2019	254.24687 254.29173	1.19075 1.19096	1.17573 1.17594	1.17631 1.17652	1.16581 1.16602
June	3		1				
June	4	2019	254.33660	1.19117	1.17614	1.17672	1.16623
June	5	2019 2019	254.38147	1.19138	1.17635	1.17693 1.17714	1.16643
June	6		254.42633	1.19159	1.17656		1.16664
June	7 8	2019	254.47120	1.19180	1.17677	1.17735	1.16684
June		2019	254.51607	1.19201	1.17697	1.17755	1.16705
June	9	2019	254.56093	1.19222	1.17718	1.17776	1.16725
June	10	2019	254.60580	1.19243	1.17739	1.17797	1.16746
June	11	2019	254.65067	1.19264	1.17760	1.17818	1.16767
June	12	2019	254.69553	1.19285	1.17780	1.17838	1.16787
June	13	2019	254.74040	1.19306	1.17801	1.17859	1.16808
June	14	2019	254.78527	1.19327	1.17822	1.17880	1.16828
June	15	2019 2019	254.83013 254.87500	1.19348	1.17843 1.17863	1.17901 1.17922	1.16849 1.16869
June	16			1.19369			
June	17	2019	254.91987	1.19390	1.17884	1.17942	1.16890
June	18	2019	254.96473	1.19411	1.17905	1.17963	1.16911
June	19	2019	255.00960	1.19432	1.17926	1.17984	1.16931
June	20	2019	255.05447	1.19453	1.17946	1.18005	1.16952
June	21	2019	255.09933	1.19474	1.17967	1.18025	1.16972
June	22	2019 2019	255.14420 255.18907	1.19495	1.17988 1.18009	1.18046 1.18067	1.16993 1.17013
June	23			1.19516			
June	24	2019	255.23393	1.19537	1.18029	1.18088	1.17034
June	25 26	2019	255.27880	1.19558	1.18050	1.18108	1.17055 1.17075
June	26 27	2019 2019	255.32367 255.36853	1.19579 1.19600	1.18071 1.18092	1.18129 1.18150	1.17075
June	28	2019	255.36853	1.19600 1.19621	1.18092 1.18112	1.18150	1.17096
June June	28 29	2019	255.45827	1.19621	1.18112	1.18171	1.17116
	29 30	2019	255.45827 255.50313				
June	30	2019	255.50515	1.19663	1.18154	1.18212	1.17157
CDLU	NSA) for:		February 201	19 252.776	March 2019 254.202	April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				1-1/8% 10-Year TIPS Series A-2021 912828PP9 January 15, 2011 January 31, 2011 March 31, 2011 May 31, 2011 January 15, 2021 218.75255	2-1/8% 30-Year TIPS TIPS of February 2041 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011 February 15, 2041 218.99100	0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011 July 15, 2021 225.38381	0-1/8% 10-Year TIPS Series A-2022 912828SA9 January 15, 2012 January 31, 2012 March 30, 2012 May 31, 2012 January 15, 2022 226.33474
Da	nte		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
June	1	2019	254.20200	1.16205	1.16079	1.12786	1.12312
June	2	2019	254.24687	1.16205	1.16079	1.12/86	1.12312
June	3	2019	254.24087	1.16246	1.16120	1.12826	1.12352
June	4	2019	254.33660	1.16267	1.16140	1.12846	1.12372
June	5	2019	254.38147	1.16287	1.16161	1.12866	1.12372
June	6	2019	254.42633	1.16308	1.16181	1.12886	1.12412
June	7	2019	254.47120	1.16328	1.16202	1.12906	1.12431
June	8	2019	254.51607	1.16349	1.16202	1.12926	1.12451
June	9	2019	254.56093	1.16369	1.16243	1.12946	1.12471
June	10	2019	254.60580	1.16390	1.16263	1.12965	1.12491
June	11	2019	254.65067	1.16410	1.16284	1.12985	1.12511
June	12	2019	254.69553	1.16431	1.16304	1.13005	1.12530
June	13	2019	254.74040	1.16451	1.16325	1.13005	1.12550
June	14	2019	254.78527	1.16472	1.16345	1.13045	1.12570
June	15	2019	254.83013	1.16492	1.16366	1.13065	1.12590
June	16	2019	254.87500	1.16513	1.16386	1.13085	1.12610
June	17	2019	254.91987	1.16533	1.16407	1.13105	1.12630
June	18	2019	254.96473	1.16554	1.16427	1.13125	1.12649
June	19	2019	255.00960	1.16574	1.16448	1.13145	1.12669
June	20	2019	255.05447	1.16595	1.16468	1.13165	1.12689
June	21	2019	255.09933	1.16615	1.16488	1.13184	1.12709
June	22	2019	255.14420	1.16636	1.16509	1.13204	1.12729
June	23	2019	255.18907	1.16657	1.16529	1.13224	1.12749
June	24	2019	255.23393	1.16677	1.16550	1.13244	1.12768
June	25	2019	255.27880	1.16698	1.16570	1.13264	1.12788
June	26	2019	255.32367	1.16718	1.16591	1.13284	1.12808
June	27	2019	255.36853	1.16739	1.16611	1.13304	1.12828
June	28	2019	255.41340	1.16759	1.16632	1.13324	1.12848
June	29	2019	255.45827	1.16780	1.16652	1.13344	1.12867
June	30	2019	255.50313	1.16800	1.16673	1.13364	1.12887
CPI-U (NSA) for:		February 201	9 252.776	March 2019 254.202	April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-3/4% 30-Year TIPS TIPS of February 2042 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012 February 15, 2042 225.96062	0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012 July 15, 2022 229.96306	0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013 January 15, 2023 230.82203	0-5/8% 30-Year TIPS TIPS of February 2043 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013 February 15, 2043 229.91100
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
		2010	254 20200	1.12.400	1.10540	1 10100	1.10565
June	1	2019	254.20200	1.12498	1.10540	1.10129	1.10565
June	2	2019	254.24687	1.12518	1.10560	1.10148	1.10585
June	3 4	2019 2019	254.29173 254.33660	1.12538 1.12558	1.10579 1.10599	1.10168 1.10187	1.10604 1.10624
June June	5	2019	254.38147	1.12578	1.10618	1.10207	1.10624
June	5 6	2019	254.36147	1.12578	1.10618	1.10207	1.10643
June	7	2019	254.47120	1.12617	1.10657	1.10226	1.10682
June	8	2019	254.51607	1.12617	1.10637	1.10246	1.10702
June	9	2019	254.56093	1.12657	1.10677	1.10285	1.10702
June	10	2019	254.60580	1.12677	1.10716	1.10283	1.10722
June	10	2019	254.65067	1.12697	1.10716	1.10304	1.10741
June	12	2019	254.69553	1.12717	1.10755	1.10323	1.10780
June	13	2019	254.74040	1.12717	1.10733	1.10343	1.10800
June	14	2019	254.78527	1.12756	1.10774	1.10302	1.10819
June	15	2019	254.83013	1.12776	1.10794	1.10382	1.10819
June	16	2019	254.87500	1.12776	1.10814	1.10401	1.10858
June	17	2019	254.91987	1.12816	1.10853	1.10421	1.10838
June	18	2019	254.96473	1.12836	1.10872	1.10440	1.10878
June	19	2019	255.00960	1.12856	1.10872	1.10479	1.10917
June	20	2019	255.05447	1.12876	1.10892	1.10479	1.10917
June	20	2019	255.09933	1.12895	1.10911	1.10498	1.10956
June	22	2019	255.14420	1.12915	1.10951	1.10518	1.10936
June	23	2019	255.18907	1.12935	1.10930	1.10557	1.10975
June	24	2019	255.23393	1.12955	1.10989	1.10576	1.11014
June	25	2019	255.27880	1.12975	1.11009	1.10576	1.11014
June	26	2019	255.32367	1.12995	1.11028	1.10615	1.11054
June	27	2019	255.36853	1.13015	1.11048	1.10634	1.11073
June	28	2019	255.41340	1.13034	1.11067	1.10654	1.11092
June	29	2019	255.45827	1.13054	1.11087	1.10673	1.11112
June	30	2019	255.50313	1.13074	1.11106	1.10693	1.11131
CPI-U (NSA) for:		February 20	19 252.776	March 2019 254.2	02 April 2019	255.548

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Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
T	1	2019	254 20200	1.09232	1.08945	1.09072	1.07057
June	1 2		254.20200				1.07057
June June	3	2019 2019	254.24687 254.29173	1.09251 1.09270	1.08964 1.08983	1.09091 1.09110	1.07076
June	4	2019	254.33660	1.09270	1.09003	1.09110	1.07093
June	5	2019	254.38147	1.09290	1.09003	1.09149	1.07113
June	6	2019	254.42633	1.09309	1.09022	1.09149	1.07151
June	7	2019	254.47120	1.09347	1.09060	1.09108	1.07170
June	8	2019	254.51607	1.09347	1.09080	1.09187	1.07170
June	9	2019	254.56093	1.09386	1.09099	1.09226	1.07208
June	10	2019	254.60580	1.09405	1.09118	1.09245	1.07208
June	11	2019	254.65067	1.09425	1.09118	1.09264	1.07246
June	12	2019	254.69553	1.09444	1.09157	1.09284	1.07265
June	13	2019	254.74040	1.09463	1.09176	1.09303	1.07284
June	14	2019	254.78527	1.09482	1.09176	1.09322	1.07302
June	15	2019	254.83013	1.09502	1.09214	1.09341	1.07321
June	16	2019	254.87500	1.09521	1.09233	1.09361	1.07340
June	17	2019	254.91987	1.09540	1.09253	1.09380	1.07359
June	18	2019	254.96473	1.09560	1.09272	1.09399	1.07378
June	19	2019	255.00960	1.09579	1.09291	1.09418	1.07397
June	20	2019	255.05447	1.09598	1.09310	1.09438	1.07416
June	21	2019	255.09933	1.09617	1.09330	1.09457	1.07435
June	22	2019	255.14420	1.09637	1.09349	1.09476	1.07454
June	23	2019	255.18907	1.09656	1.09368	1.09495	1.07472
June	24	2019	255.23393	1.09675	1.09387	1.09515	1.07491
June	25	2019	255.27880	1.09694	1.09406	1.09534	1.07510
June	26	2019	255.32367	1.09714	1.09426	1.09553	1.07529
June	27	2019	255.36853	1.09733	1.09445	1.09572	1.07548
June	28	2019	255.41340	1.09752	1.09464	1.09592	1.07567
June	29	2019	255.45827	1.09772	1.09483	1.09611	1.07586
June	30	2019	255.50313	1.09791	1.09503	1.09630	1.07605
CPI-U (NSA) for:		February 20	19 252.776	March 2019 254,202	2 April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015 January 15, 2025 236.85403	0-3/4% 30-Year TIPS TIPS of February 2045 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015 February 15, 2045 235.48150	0-1/8% 5-Year TIPS Series X-2020 912828K33 April 15, 2015 April 30, 2015 August 31, 2015 December 31, 2015 April 15, 2020 234.18067	0-3/8% 10-Year TIPS Series D-2025 912828XL9 July 15, 2015 July 31, 2015 September 30, 2015 November 30, 2015 July 15, 2025 237.14365
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
June	1	2019	254.20200	1.07324	1.07950	1.08550	1.07193
June	2	2019	254.24687	1.07344	1.07969	1.08569	1.07212
June	3	2019	254.29173	1.07362	1.07988	1.08588	1.07212
June	4	2019	254.33660	1.07381	1.08007	1.08607	1.07250
June	5	2019	254.38147	1.07400	1.08026	1.08626	1.07269
June	6	2019	254.42633	1.07419	1.08045	1.08645	1.07288
June	7	2019	254.47120	1.07438	1.08064	1.08664	1.07307
June	8	2019	254.51607	1.07457	1.08083	1.08684	1.07326
June	9	2019	254.56093	1.07476	1.08102	1.08703	1.07345
June	10	2019	254.60580	1.07476	1.08102	1.08722	1.07364
June	11	2019	254.65067	1.07493	1.08121	1.08741	1.07382
June	12	2019	254.69553	1.07533	1.08159	1.08760	1.07401
June	13	2019	254.74040	1.07552	1.08179	1.08779	1.07420
June	14	2019	254.78527	1.07571	1.08179	1.08799	1.07439
June	15	2019	254.83013	1.07590	1.08178	1.08818	1.07458
June	16	2019	254.87500	1.07608	1.08236	1.08837	1.07477
June	17	2019	254.91987	1.07627	1.08255	1.08856	1.07496
June	18	2019	254.96473	1.07646	1.08274	1.08875	1.07515
June	19	2019	255.00960	1.07665	1.08293	1.08894	1.07534
June	20	2019	255.05447	1.07684	1.08233	1.08914	1.07553
June	20	2019	255.09933	1.07703	1.08331	1.08933	1.07572
June	22	2019	255.14420	1.07722	1.08350	1.08952	1.07591
June	23	2019	255.18907	1.07741	1.08369	1.08971	1.07609
June	24	2019	255.23393	1.07760	1.08388	1.08990	1.07628
June	25	2019	255.27880	1.07779	1.08407	1.09009	1.07647
June	26	2019	255.32367	1.07798	1.08426	1.09009	1.07666
June	27	2019	255.36853	1.07817	1.08445	1.09048	1.07685
June	28	2019	255.41340	1.07836	1.08464	1.09067	1.07704
June	29	2019	255.45827	1.07855	1.08483	1.09086	1.07723
June	30	2019	255.50313	1.07874	1.08502	1.09105	1.07742
CPLU	NSA) for:		February 20	19 252,776	March 2019 254.202	April 2019	255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-5/8% 10-Year TIPS Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016 January 15, 2026 237.61129	1% 30-Year TIPS TIPS of February 2046 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016 February 15, 2046 236.94448	0-1/8% 5-Year TIPS Series X-2021 912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2016 April 15, 2021 237.00700	0-1/8% 10-Year TIPS Series D-2026 912828S50 July 15, 2016 July 29, 2016 September 30, 2016 November 30, 2016 July 15, 2026 239.70132
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
June	1	2019	254.20200	1.06982	1.07283	1.07255	1.06049
June	2	2019	254.24687	1.07001	1.07203	1.07274	1.06068
June	3	2019	254.29173	1.07020	1.07302	1.07274	1.06087
June	4	2019	254.29173	1.07020	1.07340	1.07293	1.06106
June	5	2019	254.38147	1.07058	1.07359	1.07312	1.06124
June	6	2019	254.36147	1.07038	1.07378	1.07350	1.06124
June	7	2019	254.47120	1.07077	1.07378	1.07369	1.06162
June	8	2019	254.51607	1.07096	1.07397	1.07388	1.06181
June	9	2019	254.56093	1.07114	1.07435	1.07407	1.06199
June	10	2019	254.60580	1.07152	1.07454	1.07425	1.06218
June	10	2019	254.65067	1.07171	1.07473	1.07444	1.06237
June	12	2019	254.69553	1.07171	1.07492	1.07463	1.06255
June	13	2019	254.74040	1.07190	1.07511	1.07482	1.06253
June	13 14	2019	254.74040	1.07209	1.07531	1.07501	1.06274
June	15	2019	254.83013	1.07247	1.07548	1.07520	1.06293
June	16	2019	254.87500	1.07247	1.07567	1.07539	1.06312
June	17	2019	254.91987	1.07284	1.07586	1.07558	1.06349
June	17	2019	254.96473	1.07264	1.07605	1.07577	1.06368
June	19	2019	255.00960	1.07303	1.07624	1.07596	1.06386
June	20	2019	255.05447	1.07322	1.07643	1.07615	1.06405
June June	20	2019	255.05447	1.07341	1.07662	1.07634	1.06424
June June	21	2019	255.09933	1.07379	1.07681	1.07653	1.06424
June June	22	2019	255.14420	1.07379	1.07681	1.07672	1.06443
June	23	2019	255.23393	1.07398	1.07719	1.07690	1.06480
June	24 25	2019	255.27880	1.07417	1.07738	1.07709	1.06499
June June	25 26	2019	255.32367	1.07454	1.07757	1.07709	1.06499
June	27	2019	255.36853	1.07473	1.07776	1.07747	1.06536
June	28	2019	255.41340	1.07473	1.07776	1.07766	1.06555
June	29	2019	255.45827	1.07492	1.07814	1.07785	1.06574
June	30	2019	255.50313	1.07531	1.07832	1.077804	1.06592
June	50	2017	233.30313	1.07550	1.07032	1.07004	1.00372
CDI II (NSA) for:		February 20	19 252.776	March 2019 254.202	April 2019	255.548

June 1 June 2 June 3 June 4 June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 15 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 20 June 21 June 22 June 22 June 23 June 23 June 24	2019 2019 2019 2019 2019 2019 2019 2019	254.20200 254.24687 254.29173 254.33660 254.38147 254.42633 254.47120 254.51607 254.56093	1.05234 1.05252 1.05271 1.05290 1.05308 1.05327 1.05345 1.05364	1.05307 1.05325 1.05344 1.05362 1.05381 1.05399 1.05418 1.05437	1.04526 1.04544 1.04563 1.04581 1.04600 1.04618 1.04636	1.03918 1.03936 1.03954 1.03973 1.03991 1.04009 1.04028
June 2 June 3 June 4 June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 10 June 11 June 12 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019 2019 2019 2019 2019 2019	254.24687 254.29173 254.33660 254.38147 254.42633 254.47120 254.51607	1.05252 1.05271 1.05290 1.05308 1.05327 1.05345	1.05325 1.05344 1.05362 1.05381 1.05399 1.05418	1.04544 1.04563 1.04581 1.04600 1.04618 1.04636	1.03936 1.03954 1.03973 1.03991 1.04009
June 2 June 3 June 4 June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 10 June 11 June 12 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019 2019 2019 2019 2019 2019	254.24687 254.29173 254.33660 254.38147 254.42633 254.47120 254.51607	1.05252 1.05271 1.05290 1.05308 1.05327 1.05345	1.05325 1.05344 1.05362 1.05381 1.05399 1.05418	1.04544 1.04563 1.04581 1.04600 1.04618 1.04636	1.03936 1.03954 1.03973 1.03991 1.04009
June 3 June 4 June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 20 June 21 June 22 June 22 June 23	2019 2019 2019 2019 2019	254.29173 254.33660 254.38147 254.42633 254.47120 254.51607	1.05271 1.05290 1.05308 1.05327 1.05345	1.05344 1.05362 1.05381 1.05399 1.05418	1.04563 1.04581 1.04600 1.04618 1.04636	1.03954 1.03973 1.03991 1.04009
June 4 June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 16 June 17 June 17 June 18 June 19 June 20 June 21 June 21 June 22 June 23	2019 2019 2019 2019	254.33660 254.38147 254.42633 254.47120 254.51607	1.05290 1.05308 1.05327 1.05345	1.05362 1.05381 1.05399 1.05418	1.04581 1.04600 1.04618 1.04636	1.03973 1.03991 1.04009
June 5 June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019 2019 2019	254.38147 254.42633 254.47120 254.51607	1.05308 1.05327 1.05345	1.05381 1.05399 1.05418	1.04600 1.04618 1.04636	1.03991 1.04009
June 6 June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019 2019	254.42633 254.47120 254.51607	1.05327 1.05345	1.05399 1.05418	1.04618 1.04636	1.04009
June 7 June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 19 June 19 June 20 June 21 June 22 June 22 June 23	2019	254.47120 254.51607	1.05345	1.05418	1.04636	
June 8 June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 20 June 21 June 22 June 23		254.51607				1.04020
June 9 June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23			1.05504		1.04655	1.04046
June 10 June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 22 June 23	2019		1.05382	1.05455	1.04673	1.04065
June 11 June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.60580	1.05401	1.05474	1.04692	1.04083
June 12 June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.65067	1.05420	1.05492	1.04710	1.04101
June 13 June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.69553	1.05438	1.05511	1.04729	1.04120
June 14 June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.74040	1.05457	1.05530	1.04747	1.04138
June 15 June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 22 June 23	2019	254.78527	1.05475	1.05548	1.04766	1.04156
June 16 June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.83013	1.05494	1.05567	1.04784	1.04175
June 17 June 18 June 19 June 20 June 21 June 22 June 23	2019	254.87500	1.05512	1.05585	1.04803	1.04193
June 18 June 19 June 20 June 21 June 22 June 23	2019	254.91987	1.05531	1.05604	1.04821	1.04211
June 20 June 21 June 22 June 23	2019	254.96473	1.05550	1.05622	1.04839	1.04230
June 21 June 22 June 23	2019	255,00960	1.05568	1.05641	1.04858	1.04248
June 22 June 23	2019	255.05447	1.05587	1.05660	1.04876	1.04266
June 23	2019	255.09933	1.05605	1.05678	1.04895	1.04285
June 23	2019	255.14420	1.05624	1.05697	1.04913	1.04303
Juna 24	2019	255.18907	1.05642	1.05715	1.04932	1.04321
Juile 24	2019	255.23393	1.05661	1.05734	1.04950	1.04340
June 25	2019	255.27880	1.05680	1.05753	1.04969	1.04358
June 26	2019	255.32367	1.05698	1.05771	1.04987	1.04376
June 27	2010	255.36853	1.05717	1.05790	1.05005	1.04395
June 28	2019	255.41340	1.05735	1.05808	1.05024	1.04413
June 29	2019	255.45827	1.05754	1.05827	1.05042	1.04431
June 30		255.50313	1.05772	1.05846	1.05061	1.04450

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-1/2% 10-Year TIPS Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018 January 15, 2028 246.66571	1% 30-Year TIPS TIPS of February 2048 912810SB5 February 15, 2018 February 28, 2018 June 29, 2018 October 31, 2018 February 15, 2048 246.59650	0-5/8% 5-Year TIPS Series X-2023 9128284H0 April 15, 2018 April 30, 2018 August 31, 2018 December 31, 2018 April 15, 2023 248.39153	0-3/4% 10-Year TIPS Series D-2028 912828Y38 July 15, 2018 July 31, 2018 September 28, 2018 November 30, 2018 July 15, 2028 251.01658
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
	1	2010	254 20200	1.02055	1.02004	1.02220	1.01260
June	1	2019	254.20200	1.03055	1.03084	1.02339	1.01269
June	2	2019	254.24687	1.03073	1.03102	1.02357	1.01287
June	3 4	2019 2019	254.29173 254.33660	1.03092 1.03110	1.03121 1.03139	1.02375 1.02393	1.01305 1.01323
June		2019	254.38147	1.03110	1.03139	1.02393	1.01323
June June	5 6	2019	254.38147	1.03128	1.03157	1.02411	1.01341
June June	7 8	2019 2019	254.47120 254.51607	1.03164 1.03183	1.03193 1.03212	1.02448 1.02466	1.01376 1.01394
June	9	2019	254.56093		1.03212	1.02484	
			!	1.03201	l		1.01412
June June	10 11	2019 2019	254.60580 254.65067	1.03219 1.03237	1.03248 1.03266	1.02502 1.02520	1.01430 1.01448
	12	2019	254.69553	1.03257	1.03284	1.02520	1.01448
June June	12	2019	254.69553	1.03255	1.03284	1.02556	1.01483
	13	2019	254.78527	1.03274	1.03303	1.02574	1.01501
June	14 15	2019	254.83013	1.03292	1.03321	1.02574	1.01501
June June	16	2019	254.87500	1.03328	1.03357	1.02592	1.01519
June	17	2019	254.91987	1.03346	1.03377	1.02628	1.01555
June	17	2019	254.96473	1.03364	1.03373	1.02646	1.01573
June	19	2019	255.00960	1.03383	1.03393	1.02664	1.01573
June	20	2019	255.05447	1.03401	1.03412	1.02682	1.01609
June	20	2019	255.09933	1.03401	1.03430	1.02082	1.01626
June	22	2019	255.14420	1.03419	1.03446	1.02700	1.01644
June	23	2019	255.18907	1.03457	1.03484	1.02719	1.01662
June	23	2019	255.23393	1.03474	1.03464	1.02755	1.01680
June	25	2019	255.27880	1.03474	1.03503	1.02733	1.01698
June	26	2019	255.32367	1.03492	1.03521	1.02773	1.01716
June	27	2019	255.36853	1.03510	1.03557	1.02809	1.01714
June	28	2019	255.41340	1.03546	1.03575	1.02827	1.01752
June	29	2019	255.45827	1.03565	1.03594	1.02845	1.01769
June	30	2019	255.50313	1.03583	1.03612	1.02863	1.01787
	30 NSA) for:	2019	255.50313 February 20		1.03612 March 2019 254.202		1.01787 255.548

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				Series A-2029 9128285W6 January 15, 2019 January 31, 2019 March 29, 2019 January 15, 2029 252.50248	1% 30-Year TIPS TIPS of February 2049 912810SG4 February 15, 2019 February 28, 2019 February 15, 2049 251.63550	Series X-2024 9128286N5 April 15, 2019 April 30, 2019 April 15, 2024 252.20853	
Γ	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	
June	1	2019	254.20200	1.00673	1.01020	1.00790	
June	2	2019	254.24687	1.00691	1.01038	1.00808	
June	3	2019	254.29173	1.00709	1.01056	1.00826	
June	4	2019	254.33660	1.00726	1.01073	1.00844	
June	5	2019	254.38147	1.00744	1.01091	1.00862	
June	6	2019	254.42633	1.00762	1.01109	1.00879	
June	7	2019	254.47120	1.00780	1.01127	1.00897	
June	8	2019	254.51607	1.00797	1.01145	1.00915	
June	9	2019	254.56093	1.00815	1.01163	1.00933	
June	10	2019	254.60580	1.00833	1.01180	1.00951	
June	11	2019	254.65067	1.00851	1.01198	1.00968	
June	12	2019	254.69553	1.00869	1.01216	1.00986	
June	13	2019	254.74040	1.00886	1.01234	1.01004	
June	14	2019	254.78527	1.00904	1.01252	1.01022	
June	15	2019	254.83013	1.00922	1.01270	1.01039	
June	16	2019	254.87500	1.00940	1.01287	1.01057	
June	17	2019	254.91987	1.00957	1.01305	1.01075	
June	18	2019	254.96473	1.00975	1.01323	1.01093	
June	19	2019	255.00960	1.00993	1.01341	1.01111	
June	20	2019	255.05447	1.01011	1.01359	1.01128	
June	21	2019	255.09933	1.01028	1.01377	1.01146	
June	22	2019	255.14420	1.01046	1.01394	1.01164	
June	23	2019	255.18907	1.01064	1.01412	1.01182	
June	24	2019	255.23393	1.01082	1.01430	1.01200	
June	25	2019	255.27880	1.01100	1.01448	1.01217	
June	26	2019	255.32367	1.01117	1.01466	1.01235	
June	27	2019	255.36853	1.01135	1.01484	1.01253	
June	28	2019	255.41340	1.01153	1.01501	1.01271	
June	29	2019	255.45827	1.01171	1.01519	1.01289	1
June	30	2019	255.50313	1.01188	1.01537	1.01306	