Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:			Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: TIPS of April 2 912810FD5 April 15, 1998 April 15, 1998 April 15, 1998 April 15, 1998		April 15, 1998 April 15, 1998 July 15, 1998 April 15, 2028	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	ıte		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
T1	1	2020	257, 20000	1 50510	1.55061	1 44445	1 20019			
July	1	2020	256.38900	1.58519	1.55961	1.44445	1.36018			
July July	2 3	2020 2020	256.38916 256.38932	1.58519 1.58519	1.55961 1.55961	1.44445 1.44445	1.36018 1.36018			
July July	3 4	2020	256.38932	1.58520	1.55961	1.44445	1.36018			
July	5	2020	256.38965	1.58520	1.55961	1.44445	1.36018			
July	<i>5</i>	2020	256.38981	1.58520	1.55961	1.44445	1.36018			
July	7	2020	256.38997	1.58520	1.55961	1.44445	1.36018			
July	8	2020	256.39013	1.58520	1.55961	1.44445	1.36018			
July	9	2020	256.39013	1.58520	1.55961	1.44445	1.36018			
July	10	2020	256.39029	1.58520	1.55962	1.44445	1.36018			
July	11	2020	256.39043	1.58520	1.55962	1.44445	1.36019			
July	12	2020	256.39077	1.58520	1.55962	1.44446	1.36019			
July	13	2020	256.39094	1.58520	1.55962	1.44446	1.36019			
July	14	2020	256.39110	1.58521	1.55962	1.44446	1.36019			
July	15	2020	256.39126	1.58521	1.55962	1.44446	1.36019			
July	16	2020	256.39142	1.58521	1.55962	1.44446	1.36019			
July	17	2020	256.39158	1.58521	1.55962	1.44446	1.36019			
July	18	2020	256.39174	1.58521	1.55962	1.44446	1.36019			
July	19	2020	256.39190	1.58521	1.55962	1.44446	1.36019			
July	20	2020	256.39206	1.58521	1.55963	1.44446	1.36019			
July	21	2020	256.39223	1.58521	1.55963	1.44446	1.36019			
July	22	2020	256.39239	1.58521	1.55963	1.44446	1.36020			
July	23	2020	256.39255	1.58521	1.55963	1.44447	1.36020			
July	24	2020	256.39271	1.58522	1.55963	1.44447	1.36020			
July	25	2020	256.39287	1.58522	1.55963	1.44447	1.36020			
July	26	2020	256.39303	1.58522	1.55963	1.44447	1.36020			
July	27	2020	256.39319	1.58522	1.55963	1.44447	1.36020			
July	28	2020	256.39335	1.58522	1.55963	1.44447	1.36020			
July	29	2020	256.39352	1.58522	1.55963	1.44447	1.36020			
July	30	2020	256.39368	1.58522	1.55964	1.44447	1.36020			
July	31	2020	256.39384	1.58522	1.55964	1.44447	1.36020			
CPI-U (NSA) for:		March 2020	258.115	April 2020 256.389	May 2020	256.394			

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity 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 202 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971
Da	ite		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
		2020	256 20000	1.20170	1.2712.6	1 22202	1 10 417
July	1	2020	256.38900	1.29178	1.27136	1.22383	1.19417
July	2	2020	256.38916	1.29178	1.27136	1.22384	1.19418
July	3	2020 2020	256.38932 256.38948	1.29178 1.29178	1.27137 1.27137	1.22384 1.22384	1.19418 1.19418
July	4						
July	5	2020	256.38965	1.29178	1.27137	1.22384	1.19418
July	6	2020	256.38981	1.29178	1.27137	1.22384	1.19418
July	7	2020	256.38997	1.29178	1.27137	1.22384	1.19418
July	8	2020	256.39013	1.29178	1.27137	1.22384	1.19418
July	9	2020	256.39029	1.29179	1.27137	1.22384	1.19418
July	10	2020	256.39045	1.29179	1.27137	1.22384	1.19418
July	11	2020	256.39061	1.29179	1.27137	1.22384	1.19418
July	12	2020	256.39077	1.29179	1.27137	1.22384	1.19418
July	13	2020	256.39094	1.29179	1.27137	1.22384	1.19418
July	14	2020	256.39110	1.29179	1.27137	1.22384	1.19418
July	15	2020	256.39126	1.29179	1.27138	1.22385	1.19419
July	16	2020	256.39142	1.29179	1.27138	1.22385	1.19419
July	17	2020	256.39158	1.29179	1.27138	1.22385	1.19419
July	18	2020	256.39174	1.29179	1.27138	1.22385	1.19419
July	19	2020	256.39190	1.29179	1.27138	1.22385	1.19419
July	20	2020	256.39206	1.29179	1.27138	1.22385	1.19419
July	21	2020	256.39223	1.29180	1.27138	1.22385	1.19419
July	22	2020	256.39239	1.29180	1.27138	1.22385	1.19419
July	23	2020	256.39255	1.29180	1.27138	1.22385	1.19419
July	24	2020	256.39271	1.29180	1.27138	1.22385	1.19419
July	25	2020	256.39287	1.29180	1.27138	1.22385	1.19419
July	26	2020	256.39303	1.29180	1.27138	1.22385	1.19419
July	27	2020	256.39319	1.29180	1.27138	1.22385	1.19419
July	28	2020	256.39335	1.29180	1.27139	1.22386	1.19420
July	29	2020	256.39352	1.29180	1.27139	1.22386	1.19420
July	30	2020	256.39368	1.29180	1.27139	1.22386	1.19420
July	31	2020	256.39384	1.29180	1.27139	1.22386	1.19420
CDI II (NSA) for:		March 2020	258.115	April 2020 256.389	May 2020	

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:		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	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
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July July July July July July July July	3 20 4 20 5 20 6 20 7 20 8 20 9 20 10 20 11 20	2020 2020 2020 2020 2020 2020 2020 202	256.38916 256.38932 256.38948 256.38965 256.38981 256.38997 256.39013 256.39029 256.39045 256.39061	1.18622 1.18622 1.18622 1.18622 1.18622 1.18622 1.18623 1.18623 1.18623 1.18623	1.17564 1.17564 1.17564 1.17564 1.17564 1.17564 1.17564 1.17564 1.17564	1.17205 1.17205 1.17205 1.17205 1.17205 1.17205 1.17206 1.17206 1.17206 1.17206	1.17077 1.17078 1.17078 1.17078 1.17078 1.17078 1.17078 1.17078 1.17078 1.17078
July July July July July July July	13 20 14 20 15 20 16 20 17 20 18 20 19 20	2020 2020 2020 2020 2020 2020 2020 202	256.39077 256.39094 256.39110 256.39126 256.39142 256.39158 256.39174 256.39190	1.18623 1.18623 1.18623 1.18623 1.18623 1.18623 1.18623 1.18623	1.17564 1.17565 1.17565 1.17565	1.17206 1.17206 1.17206 1.17206 1.17206 1.17206 1.17206 1.17206	1.17078 1.17078 1.17078 1.17078 1.17079 1.17079 1.17079 1.17079
July July July July July July July July	21 20 22 20 23 20 24 20 25 20 26 20 27 20 28 20 29 20 30 20	2020 2020 2020 2020 2020 2020 2020 202	256.39206 256.39223 256.39239 256.39255 256.39271 256.39287 256.39303 256.39319 256.39335 256.39352 256.39368	1.18623 1.18623 1.18624 1.18624 1.18624 1.18624 1.18624 1.18624 1.18624 1.18624 1.18624		1.17206 1.17207 1.17207 1.17207 1.17207 1.17207 1.17207 1.17207 1.17207 1.17207 1.17207	1.17079 1.17079 1.17079 1.17079 1.17079 1.17079 1.17079 1.17079 1.17079 1.17079 1.17079
July CPI-II (31 20 NSA) for:	2020	256.39384 March 2020	1.18624 258.115	April 2020 256.389	1.17207 May 2020 2	1.17080

Security: Description: CUSIP Numble Dated Date: Original Issue Additional	ne Date: ssue Date(s) te:			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	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	
D	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
July	1	2020	256.38900	1.13757	1.13279	1.13466	1.11491	
July	2	2020	256.38916	1.13757	1.13279	1.13466	1.11491	
July	3	2020	256.38932	1.13757	1.13279	1.13466	1.11492	
July	4	2020	256.38948	1.13757	1.13279	1.13466	1.11492	
July	5	2020	256.38965	1.13757	1.13279	1.13467	1.11492	
July	6	2020	256.38981	1.13757	1.13279	1.13467	1.11492	
July	7	2020	256.38997	1.13757	1.13279	1.13467	1.11492	
July	8	2020	256.39013	1.13757	1.13279	1.13467	1.11492	
July	9	2020	256.39029	1.13757	1.13279	1.13467	1.11492	
July	10	2020	256.39045	1.13757	1.13279	1.13467	1.11492	
July	11	2020	256.39061	1.13757	1.13279	1.13467	1.11492	
July	12	2020	256.39077	1.13757	1.13279	1.13467	1.11492	
July	13	2020	256.39094	1.13757	1.13280	1.13467	1.11492	
July	14	2020	256.39110	1.13758	1.13280	1.13467	1.11492	
July	15	2020	256.39126	1.13758	1.13280	1.13467	1.11492	
July	16	2020	256.39142	1.13758	1.13280	1.13467	1.11492	
July	17	2020	256.39158	1.13758	1.13280	1.13467	1.11493	
July	18	2020	256.39174	1.13758	1.13280	1.13467	1.11493	
July	19	2020	256.39190	1.13758	1.13280	1.13468	1.11493	
July	20	2020	256.39206	1.13758	1.13280	1.13468	1.11493	
July	21	2020	256.39223	1.13758	1.13280	1.13468	1.11493	
July	22	2020	256.39239	1.13758	1.13280	1.13468	1.11493	
July	23	2020	256.39255	1.13758	1.13280	1.13468	1.11493	
July	24	2020	256.39271	1.13758	1.13280	1.13468	1.11493	
July	25	2020	256.39287	1.13758	1.13280	1.13468	1.11493	
July	26	2020	256.39303	1.13758	1.13280	1.13468	1.11493	
July	27	2020	256.39319	1.13758	1.13281	1.13468	1.11493	
July	28	2020	256.39335	1.13759	1.13281	1.13468	1.11493	
July	29	2020	256.39352	1.13759	1.13281	1.13468	1.11493	
July	30	2020	256.39368	1.13759	1.13281	1.13468	1.11493	
July	31	2020	256.39384	1.13759	1.13281	1.13468	1.11493	
CPI-U	(NSA) for:		March 2020	258.115	April 2020 256,389	May 2020 2	56.394	

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:		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	0-3/8% 10-Year TIPS Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013 July 15, 2023 232,71797	0-5/8% 10-Year TII Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014 January 15, 2024 233.33058
D	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2020	256.38900	1.11076	1.11517	1.10172	1.09882
July	2	2020	256.38916	1.11077	1.11517	1.10172	1.09882
July	3	2020	256.38932	1.11077	1.11517	1.10172	1.09882
July	4	2020	256.38948	1.11077	1.11517	1.10172	1.09883
July	5	2020	256.38965	1.11077	1.11517	1.10172	1.09883
July	6	2020	256.38981	1.11077	1.11517	1.10172	1.09883
July	7	2020	256.38997	1.11077	1.11517	1.10172	1.09883
July	8	2020	256.39013	1.11077	1.11517	1.10172	1.09883
July	9	2020	256.39029	1.11077	1.11517	1.10172	1.09883
July	10	2020	256.39045	1.11077	1.11517	1.10172	1.09883
July	11	2020	256.39061	1.11077	1.11517	1.10172	1.09883
July	12	2020	256.39077	1.11077	1.11517	1.10172	1.09883
July	13	2020	256.39094	1.11077	1.11517	1.10172	1.09883
July	14	2020	256.39110	1.11077	1.11518	1.10172	1.09883
July	15	2020	256.39126	1.11077	1.11518	1.10173	1.09883
July	16	2020	256.39142	1.11078	1.11518	1.10173	1.09883
July	17	2020	256.39158	1.11078	1.11518	1.10173	1.09883
July	18	2020	256.39174	1.11078	1.11518	1.10173	1.09883
July	19	2020	256.39190	1.11078	1.11518	1.10173	1.09884
July	20	2020	256.39206	1.11078	1.11518	1.10173	1.09884
July	21	2020	256.39223	1.11078	1.11518	1.10173	1.09884
July	22	2020	256.39239	1.11078	1.11518	1.10173	1.09884
July	23	2020	256.39255	1.11078	1.11518	1.10173	1.09884
July	24	2020	256.39271	1.11078	1.11518	1.10173	1.09884
July	25	2020	256.39287	1.11078	1.11518	1.10173	1.09884
July	26	2020	256.39303	1.11078	1.11518	1.10173	1.09884
July	27 28	2020 2020	256.39319 256.39335	1.11078 1.11078	1.11518 1.11519	1.10173 1.10173	1.09884 1.09884
July	28 29	2020	256.39335	1.11078	1.11519	1.10173	1.09884
July July	30	2020	256.39352	1.11078	1.11519	1.10173	1.09884
-							
July CPI-U	31 (NSA) for:	2020	256.39384 March 2020	1.11079 258.115	1.11519 April 2020 256.389	1.10174 May 2020	1.09884 256.394

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:			Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:				1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014 February 15, 2044 233.05900	0-1/8% 10-Year TIPS Series D-2024 912828WU0 July 15, 2014 July 31, 2014 September 30, 2014 November 28, 2014 July 15, 2024 237.44594	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 204: 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015 February 15, 2045 235.48150
Da	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
July	1	2020	256.38900	1.10010	1.07978	1.08248	1.08879			
July	2	2020	256.38916	1.10010	1.07978	1.08248	1.08879			
July	3	2020	256.38932	1.10010	1.07978	1.08248	1.08879			
July	4	2020	256.38948	1.10011	1.07978	1.08248	1.08879			
July	5	2020	256.38965	1.10011	1.07978	1.08248	1.08879			
July	6	2020	256.38981	1.10011	1.07978	1.08248	1.08879			
July	7	2020	256.38997	1.10011	1.07978	1.08248	1.08879			
July	8	2020	256.39013	1.10011	1.07978	1.08248	1.08879			
July	9	2020	256.39029	1.10011	1.07978	1.08248	1.08879			
July	10	2020	256.39045	1.10011	1.07978	1.08248	1.08879			
July	11	2020	256.39061	1.10011	1.07979	1.08248	1.08879			
July	12	2020	256.39077	1.10011	1.07979	1.08248	1.08879			
July	13	2020	256.39094	1.10011	1.07979	1.08249	1.08879			
July	14	2020	256.39110	1.10011	1.07979	1.08249	1.08880			
July	15	2020	256.39126	1.10011	1.07979	1.08249	1.08880			
July	16	2020	256.39142	1.10011	1.07979	1.08249	1.08880			
July	17	2020	256.39158	1.10011	1.07979	1.08249	1.08880			
July	18	2020	256.39174	1.10012	1.07979	1.08249	1.08880			
July	19	2020	256.39190	1.10012	1.07979	1.08249	1.08880			
July	20	2020	256.39206	1.10012	1.07979	1.08249	1.08880			
July	21	2020	256.39223	1.10012	1.07979	1.08249	1.08880			
July	22	2020	256.39239	1.10012	1.07979	1.08249	1.08880			
July	23	2020	256.39255	1.10012	1.07979	1.08249	1.08880			
July	24	2020	256.39271	1.10012	1.07979	1.08249	1.08880			
July	25	2020	256.39287	1.10012	1.07979	1.08249	1.08880			
July	26	2020	256.39303	1.10012	1.07980	1.08249	1.08880			
July	27	2020	256.39319	1.10012	1.07980	1.08249	1.08880			
July	28	2020	256.39335	1.10012	1.07980	1.08250	1.08880			
July	29	2020	256.39352	1.10012	1.07980	1.08250	1.08881			
July	30	2020	256.39368	1.10012	1.07980	1.08250	1.08881			
July	31	2020	256.39384	1.10012	1.07980	1.08250	1.08881			
CPI-II (NSA) for:		March 2020	258.115	April 2020 256.389	May 2020 2	<u> </u> 56,394			

Dated Date: Original Issu Additional Is Maturity Dat	Description: CUSIP Number:			Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:			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	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 TI Series X-2021 912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2010 April 15, 2021 237.00700
D	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
July	1	2020	256.38900	1.08115	1.07903	1.08206	1.08178			
July	2	2020	256.38916	1.08116	1.07903	1.08206	1.08178			
July	3	2020	256.38932	1.08116	1.07903	1.08206	1.08178			
July	4	2020	256.38948	1.08116	1.07903	1.08207	1.08178			
July	5	2020	256.38965	1.08116	1.07903	1.08207	1.08178			
July	6	2020	256.38981	1.08116	1.07903	1.08207	1.08178			
July	7	2020	256.38997	1.08116	1.07903	1.08207	1.08178			
July	8	2020	256.39013	1.08116	1.07903	1.08207	1.08178			
July	9	2020	256.39029	1.08116	1.07903	1.08207	1.08178			
July	10	2020	256.39045	1.08116	1.07903	1.08207	1.08178			
July	11	2020	256.39061	1.08116	1.07903	1.08207	1.08178			
July	12	2020	256.39077	1.08116	1.07903	1.08207	1.08179			
July	13	2020	256.39094	1.08116	1.07904	1.08207	1.08179			
July	14	2020	256.39110	1.08116	1.07904	1.08207	1.08179			
July	15	2020	256.39126	1.08116	1.07904	1.08207	1.08179			
July	16	2020	256.39142	1.08117	1.07904	1.08207	1.08179			
July	17	2020	256.39158	1.08117	1.07904	1.08207	1.08179			
July	18	2020	256.39174	1.08117	1.07904	1.08208	1.08179			
July	19	2020	256.39190	1.08117	1.07904	1.08208	1.08179			
July	20	2020	256.39206	1.08117	1.07904	1.08208	1.08179			
July	21	2020	256.39223	1.08117	1.07904	1.08208	1.08179			
July	22	2020	256.39239	1.08117	1.07904	1.08208	1.08179			
July	23	2020	256.39255	1.08117	1.07904	1.08208	1.08179			
July	24	2020	256.39271	1.08117	1.07904	1.08208	1.08179			
July	25	2020	256.39287	1.08117	1.07904	1.08208	1.08179			
July	26	2020	256.39303	1.08117	1.07904	1.08208	1.08180			
July	27 28	2020 2020	256.39319 256.39335	1.08117 1.08117	1.07904 1.07905	1.08208 1.08208	1.08180 1.08180			
July	28 29	2020	256.39355	1.08117	1.07905	1.08208	1.08180			
July July	30	2020	256.39352	1.08117	1.07905	1.08208	1.08180			
July July	30	2020	256.39384	1.08117	1.07905	1.08208	1.08180			
	(NSA) for:	2020	March 2020	258.115	April 2020 256.389		256.394			

Security: Description: CUSIP Numl Dated Date: Original Issu Additional Is Maturity Dat Ref CPI on D	e Date: sue Date(s)			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	0-3/8% 10-Year TIPS Series A-2027 912828V49 January 15, 2017 January 31, 2017 March 31, 2017 May 31, 2017 January 15, 2027 241.55919	0-7/8% 30-Year TIPS TIPS of February 2047 912810RW0 February 15, 2017 February 28, 2017 June 30, 2017 October 31, 2017 February 15, 2047 241.39250	0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 August 31, 2017 December 29, 2017 April 15, 2022 243.19553
D	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2020	256.38900	1.06962	1.06139	1.06212	1.05425
July	2	2020	256.38916	1.06962	1.06139	1.06213	1.05425
July	3	2020	256.38932	1.06962	1.06139	1.06213	1.05425
July	4	2020	256.38948	1.06962	1.06139	1.06213	1.05425
July	5	2020	256.38965	1.06962	1.06139	1.06213	1.05425
July	6	2020	256.38981	1.06962	1.06140	1.06213	1.05425
July	7	2020	256.38997	1.06962	1.06140	1.06213	1.05425
July	8	2020	256.39013	1.06962	1.06140	1.06213	1.05426
July	9	2020	256.39029	1.06962	1.06140	1.06213	1.05426
July	10	2020	256.39045	1.06962	1.06140	1.06213	1.05426
July	11	2020	256.39061	1.06963	1.06140	1.06213	1.05426
July	12	2020	256.39077	1.06963	1.06140	1.06213	1.05426
July	13	2020	256.39094	1.06963	1.06140	1.06213	1.05426
July	14	2020	256.39110	1.06963	1.06140	1.06213	1.05426
July	15	2020	256.39126	1.06963	1.06140	1.06213	1.05426
July	16	2020	256.39142	1.06963	1.06140	1.06213	1.05426
July	17	2020	256.39158	1.06963	1.06140	1.06214	1.05426
July	18	2020	256.39174	1.06963	1.06140	1.06214	1.05426
July	19	2020	256.39190	1.06963	1.06140	1.06214	1.05426
July	20	2020	256.39206	1.06963	1.06140	1.06214	1.05426
July	21	2020	256.39223	1.06963	1.06141	1.06214	1.05426
July	22	2020	256.39239	1.06963	1.06141	1.06214	1.05426
July	23	2020	256.39255	1.06963	1.06141	1.06214	1.05427
July	24	2020	256.39271	1.06963	1.06141	1.06214	1.05427
July	25	2020	256.39287	1.06963	1.06141	1.06214	1.05427
July	26	2020	256.39303	1.06964	1.06141	1.06214	1.05427
July	27	2020	256.39319	1.06964	1.06141	1.06214	1.05427
July	28	2020	256.39335	1.06964	1.06141	1.06214	1.05427
July	29	2020	256.39352	1.06964	1.06141	1.06214	1.05427
July	30	2020	256.39368	1.06964	1.06141	1.06214	1.05427
July	31	2020	256.39384	1.06964	1.06141	1.06215	1.05427
CPI-U	(NSA) for:		March 2020	258.115	April 2020 256,389	May 2020 25	56.394

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				0-3/8% 10-Year TIPS Series D-2027 9128282L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017 July 15, 2027 244.61839	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 TII Series X-2023 9128284H0 April 15, 2018 April 30, 2018 August 31, 2018 December 31, 2018 April 15, 2023 248.39153
Da	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2020	256.38900	1.04812	1.03942	1.03971	1.03220
July		2020	256.38916	1.04812	1.03942	1.03971	1.03220
July		2020	256.38932	1.04812	1.03942	1.03971	1.03220
July		2020	256.38948	1.04812	1.03942	1.03971	1.03220
July		2020	256.38965	1.04812	1.03942	1.03971	1.03220
July		2020	256.38981	1.04812	1.03942	1.03971	1.03220
July		2020	256.38997	1.04812	1.03942	1.03971	1.03220
July	8	2020	256.39013	1.04812	1.03942	1.03972	1.03220
July	9	2020	256.39029	1.04812	1.03942	1.03972	1.03220
July	10	2020	256.39045	1.04812	1.03942	1.03972	1.03220
July	11	2020	256.39061	1.04812	1.03943	1.03972	1.03220
July	12	2020	256.39077	1.04813	1.03943	1.03972	1.03220
July	13	2020	256.39094	1.04813	1.03943	1.03972	1.03220
July		2020	256.39110	1.04813	1.03943	1.03972	1.03221
July		2020	256.39126	1.04813	1.03943	1.03972	1.03221
July		2020	256.39142	1.04813	1.03943	1.03972	1.03221
July		2020	256.39158	1.04813	1.03943	1.03972	1.03221
July		2020	256.39174	1.04813	1.03943	1.03972	1.03221
July		2020	256.39190	1.04813	1.03943	1.03972	1.03221
July		2020	256.39206	1.04813	1.03943	1.03972	1.03221
July		2020	256.39223	1.04813	1.03943	1.03972	1.03221
July		2020	256.39239	1.04813	1.03943	1.03972	1.03221
July		2020	256.39255	1.04813	1.03943	1.03973	1.03221
July		2020	256.39271	1.04813	1.03943	1.03973	1.03221
July		2020	256.39287	1.04813	1.03943	1.03973	1.03221
July		2020	256.39303	1.04813	1.03944	1.03973	1.03221
July		2020 2020	256.39319 256.39335	1.04814 1.04814	1.03944 1.03944	1.03973 1.03973	1.03221 1.03221
July		2020	256.39355	1.04814	1.03944	1.03973	1.03221
July July		2020	256.39368	1.04814	1.03944	1.03973	1.03222
-							1.03222
July CPI-II	(NSA) for:	2020	256.39384 March 2020	1.04814 258.115	1.03944 April 2020 256.389	1.03973 May 2020 2	1.03222 256.394

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	0-7/8% 10-Year TIPS Series A-2029 9128285W6 January 15, 2019 January 31, 2019 March 29, 2019 May 31, 2019 January 15, 2029 252.50248	1% 30-Year TIPS TIPS of February 2049 912810SG4 February 15, 2019 February 28, 2019 August 30, 2019 February 15, 2049 251.63550	0-1/2% 5-Year TII Series X-2024 9128286N5 April 15, 2019 April 30, 2019 June 28, 2019 April 15, 2024 252.20853
D	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2020	256.38900	1.02140	1.01539	1.01889	1.01658
July	2	2020	256.38916	1.02140	1.01539	1.01889	1.01658
July	3	2020	256.38932	1.02140	1.01539	1.01889	1.01658
July	4	2020	256.38948	1.02140	1.01539	1.01889	1.01658
July	5	2020	256.38965	1.02141	1.01539	1.01889	1.01658
July	6	2020	256.38981	1.02141	1.01540	1.01889	1.01658
July	7	2020	256.38997	1.02141	1.01540	1.01889	1.01658
July	8	2020	256.39013	1.02141	1.01540	1.01889	1.01658
July	9	2020	256.39029	1.02141	1.01540	1.01890	1.01658
July	10	2020	256.39045	1.02141	1.01540	1.01890	1.01658
July	11	2020	256.39061	1.02141	1.01540	1.01890	1.01658
July	12	2020	256.39077	1.02141	1.01540	1.01890	1.01658
July	13	2020	256.39094	1.02141	1.01540	1.01890	1.01658
July	14	2020	256.39110	1.02141	1.01540	1.01890	1.01658
July	15	2020	256.39126	1.02141	1.01540	1.01890	1.01658
July	16	2020	256.39142	1.02141	1.01540	1.01890	1.01659
July	17	2020	256.39158	1.02141	1.01540	1.01890	1.01659
July	18	2020	256.39174	1.02141	1.01540	1.01890	1.01659
July	19	2020	256.39190	1.02141	1.01540	1.01890	1.01659
July	20	2020	256.39206	1.02141	1.01540	1.01890	1.01659
July	21	2020	256.39223	1.02142	1.01540	1.01890	1.01659
July	22	2020	256.39239	1.02142	1.01541	1.01890	1.01659
July	23	2020	256.39255	1.02142	1.01541	1.01890	1.01659
July	24	2020	256.39271	1.02142	1.01541	1.01891	1.01659
July	25	2020	256.39287	1.02142	1.01541	1.01891	1.01659
July	26	2020	256.39303	1.02142	1.01541	1.01891	1.01659
July	27 28	2020 2020	256.39319 256.39335	1.02142 1.02142	1.01541 1.01541	1.01891 1.01891	1.01659 1.01659
July	28 29	2020	256.39335	1.02142 1.02142	1.01541	1.01891	1.01659
July July	30	2020	256.39352	1.02142 1.02142	1.01541	1.01891	1.01659
•							
July	31 (NSA) for:	2020	256.39384 March 2020	1.02142	1.01541 April 2020 256.389	1.01891	1.0165

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:			Description: CUSIP Number: Dated Date: Driginal Issue Date: Additional Issue Date(s):			0-1/4% 10-Year TIPS Series D-2029 9128287D6 July 15, 2019 July 31, 2019 September 30, 2019 November 29, 2019 July 15, 2029	0-1/8% 5-Year TIPS Series AE-2024 912828YL8 October 15, 2019 October 31, 2019 December 31, 2019	0-1/8% 10-Year TIPS Series A-2030 912828Z37 January 15, 2020 January 31, 2020 March 31, 2020 May 29, 2020 January 15, 2030	0-1/4% 30-Year TIPS TIPS of February 2050 912810SM1 February 15, 2020 February 28, 2020
Ref CPI on Dated Date	2:		255.79368	256.56513	257.28368	257.09503			
Date		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
July 1	2020	256.38900	1.00233	0.99931	0.99652	0.99725			
July 2	2020	256.38916	1.00233	0.99931	0.99652	0.99725			
July 3	2020	256.38932	1.00233	0.99931	0.99652	0.99726			
July 4	2020	256.38948	1.00233	0.99932	0.99652	0.99726			
July 5	2020	256.38965	1.00233	0.99932	0.99653	0.99726			
July 6	2020	256.38981	1.00233	0.99932	0.99653	0.99726			
July 7	2020	256.38997	1.00233	0.99932	0.99653	0.99726			
July 8	2020	256.39013	1.00233	0.99932	0.99653	0.99726			
July 9	2020	256.39029	1.00233	0.99932	0.99653	0.99726			
July 10	2020	256.39045	1.00233	0.99932	0.99653	0.99726			
July 11	2020	256.39061	1.00233	0.99932	0.99653	0.99726			
July 12	2020	256.39077	1.00233	0.99932	0.99653	0.99726			
July 13	2020	256.39094	1.00233	0.99932	0.99653	0.99726			
July 14	2020	256.39110	1.00234	0.99932	0.99653	0.99726			
July 15	2020	256.39126	1.00234	0.99932	0.99653	0.99726			
July 16	2020	256.39142	1.00234	0.99932	0.99653	0.99726			
July 17	2020	256.39158	1.00234	0.99932	0.99653	0.99726			
July 18	2020	256.39174	1.00234	0.99932	0.99653	0.99726			
July 19	2020	256.39190	1.00234	0.99932	0.99653	0.99727			
July 20	2020	256.39206	1.00234	0.99933	0.99653	0.99727			
July 21	2020	256.39223	1.00234	0.99933	0.99654	0.99727			
July 22	2020	256.39239	1.00234	0.99933	0.99654	0.99727			
July 23	2020	256.39255	1.00234	0.99933	0.99654	0.99727			
July 24	2020	256.39271	1.00234	0.99933	0.99654	0.99727			
July 25	2020	256.39287	1.00234	0.99933	0.99654	0.99727			
July 26	2020	256.39303	1.00234	0.99933	0.99654	0.99727			
July 27 July 28	2020 2020	256.39319 256.39335	1.00234 1.00234	0.99933 0.99933	0.99654 0.99654	0.99727 0.99727			
July 28 July 29	2020	256.39352	1.00234	0.99933	0.99654	0.99727			
July 30	2020	256.39368	1.00235	0.99933	0.99654	0.99727			
July 30 July 31	2020	256.39384	1.00235	0.99933	0.99654	0.99727			
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CPI-U (NSA) for		March 2020	258.115	April 2020 256,389	May 2020	256.394			

Security: Description: CUSIP Numb Dated Date: Original Issue Additional Iss Maturity Date Ref CPI on Da	e Date: sue Date(s)			0-1/8% 5-Year TIPS Series X-2025 912828ZJ2 April 15, 2020 April 30, 2020 April 15, 2025 258,30093				
Da	ite		Ref CPI	Index Ratio				
July	1	2020	256.38900	0.99260				
July	2	2020	256.38916	0.99260				
July	3	2020	256.38932	0.99260				
July	4	2020	256.38948	0.99260				
July	5	2020	256.38965	0.99260				
July	6	2020	256.38981	0.99260				
July	7	2020	256.38997	0.99260	İ			
July	8	2020	256.39013	0.99260				
July	9	2020	256.39029	0.99260	İ			
July	10	2020	256.39045	0.99260				
July	11	2020	256.39061	0.99260				
July	12	2020	256.39077	0.99260	İ			
July	13	2020	256.39094	0.99261				
July	14	2020	256.39110	0.99261				
July	15	2020	256.39126	0.99261				
July	16	2020	256.39142	0.99261				
July	17	2020	256.39158	0.99261				
July	18	2020	256.39174	0.99261				
July	19	2020	256.39190	0.99261				
July	20	2020	256.39206	0.99261				
July	21	2020	256.39223	0.99261				
July	22	2020	256.39239	0.99261				
July	23	2020	256.39255	0.99261				
July	24	2020	256.39271	0.99261				
July	25	2020	256.39287	0.99261				
July	26	2020	256.39303	0.99261				
July	27	2020	256.39319	0.99261				
July	28	2020	256.39335	0.99261				
July	29	2020	256.39352	0.99262				
July	30	2020	256.39368	0.99262				
July	31	2020	256.39384	0.99262				
CDI II	NSA) for:		March 2020	258.115	April 2020	256,389	May 2020	256.394