January	1 2 3 4 5 6 7 8 9 110 111 112	2020 2020 2020 2020 2020 2020 2020 202	Ref CPI 257.34600 257.34155 257.33710 257.33265 257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148 257.29703	1.59111 1.59108 1.59105 1.59103 1.59100 1.59097 1.59094 1.59092 1.59089 1.59086 1.59083	1.56543 1.56540 1.56537 1.56535 1.56532 1.56529 1.56527 1.56524 1.56521 1.56518	1.44984 1.44981 1.44979 1.44976 1.44974 1.44971 1.44969 1.44966 1.44964 1.44961	1.36525 1.36523 1.36521 1.36518 1.36516 1.36514 1.36511 1.36509 1.36507 1.36504
January	2 3 4 5 6 7 8 9 10	2020 2020 2020 2020 2020 2020 2020 202	257.34155 257.33710 257.33265 257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59108 1.59105 1.59103 1.59100 1.59097 1.59094 1.59092 1.59089 1.59086	1.56540 1.56537 1.56535 1.56532 1.56529 1.56527 1.56524 1.56521	1.44981 1.44979 1.44976 1.44974 1.44971 1.44969 1.44966 1.44964	1.36523 1.36521 1.36518 1.36516 1.36514 1.36511 1.36509 1.36507
January	2 3 4 5 6 7 8 9 10	2020 2020 2020 2020 2020 2020 2020 202	257.34155 257.33710 257.33265 257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59108 1.59105 1.59103 1.59100 1.59097 1.59094 1.59092 1.59089 1.59086	1.56540 1.56537 1.56535 1.56532 1.56529 1.56527 1.56524 1.56521	1.44981 1.44979 1.44976 1.44974 1.44971 1.44969 1.44966 1.44964	1.36523 1.36521 1.36518 1.36516 1.36514 1.36511 1.36509 1.36507
January	3 4 5 6 7 8 9 10	2020 2020 2020 2020 2020 2020 2020 202	257.33710 257.33265 257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59105 1.59103 1.59100 1.59097 1.59094 1.59092 1.59089 1.59086	1.56537 1.56535 1.56532 1.56529 1.56527 1.56524 1.56521	1.44979 1.44976 1.44974 1.44971 1.44969 1.44966 1.44964	1.36521 1.36518 1.36516 1.36514 1.36511 1.36509 1.36507
January	4 5 6 7 8 9 10	2020 2020 2020 2020 2020 2020 2020 202	257.33265 257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59103 1.59100 1.59097 1.59094 1.59092 1.59089 1.59086	1.56535 1.56532 1.56529 1.56527 1.56524 1.56521	1.44976 1.44974 1.44971 1.44969 1.44966 1.44964	1.36518 1.36516 1.36514 1.36511 1.36509 1.36507
January	5 6 7 8 9 10	2020 2020 2020 2020 2020 2020 2020 202	257.32819 257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59100 1.59097 1.59094 1.59092 1.59089 1.59086	1.56532 1.56529 1.56527 1.56524 1.56521	1.44974 1.44971 1.44969 1.44966 1.44964	1.36516 1.36514 1.36511 1.36509 1.36507
January	6 7 8 9 10	2020 2020 2020 2020 2020 2020	257.32374 257.31929 257.31484 257.31039 257.30594 257.30148	1.59097 1.59094 1.59092 1.59089 1.59086	1.56529 1.56527 1.56524 1.56521	1.44971 1.44969 1.44966 1.44964	1.36514 1.36511 1.36509 1.36507
January	7 8 9 10	2020 2020 2020 2020 2020 2020	257.31929 257.31484 257.31039 257.30594 257.30148	1.59094 1.59092 1.59089 1.59086	1.56527 1.56524 1.56521	1.44969 1.44966 1.44964	1.36511 1.36509 1.36507
January	8 9 10 11	2020 2020 2020 2020	257.31484 257.31039 257.30594 257.30148	1.59092 1.59089 1.59086	1.56524 1.56521	1.44966 1.44964	1.36509 1.36507
January	9 10 11	2020 2020 2020	257.31039 257.30594 257.30148	1.59089 1.59086	1.56521	1.44964	1.36507
January	10 11	2020 2020	257.30594 257.30148	1.59086			
January	11	2020	257.30148		1.00010	1111701	
January			1		1.56516	1.44959	1.36502
January		2020	1 4.37.4970.3	1.59081	1.56513	1.44956	1.36499
January	13	2020	257.29258	1.59078	1.56510	1.44954	1.36497
January	14	2020	257.28813	1.59075	1.56508	1.44951	1.36495
January 1 January 1 January 1 January 1 January 2	15	2020	257.28368	1.59072	1.56505	1.44949	1.36492
January 1 January 1 January 1 January 2	16	2020	257.27923	1.59070	1.56502	1.44946	1.36490
January January January 2	17	2020	257.27477	1.59067	1.56500	1.44944	1.36488
January 1 January 2	18	2020	257.27032	1.59064	1.56497	1.44941	1.36485
January 2	19	2020	257.26587	1.59061	1.56494	1.44939	1.36483
•	20	2020	257.26142	1.59059	1.56491	1.44936	1.36481
	21	2020	257.25697	1.59056	1.56489	1.44934	1.36478
January 2	22	2020	257.25252	1.59053	1.56486	1.44931	1.36476
•	23	2020	257.24806	1.59050	1.56483	1.44928	1.36473
	24	2020	257.24361	1.59048	1.56481	1.44926	1.36471
	25	2020	257.23916	1.59045	1.56478	1.44923	1.36469
January 2	26	2020	257.23471	1.59042	1.56475	1.44921	1.36466
January 2	27	2020	257.23026	1.59039	1.56472	1.44918	1.36464
January 2	28	2020	257.22581	1.59037	1.56470	1.44916	1.36462
January 2	29	2020	257.22135	1.59034	1.56467	1.44913	1.36459
January 3	30	2020	257.21690	1.59031	1.56464	1.44911	1.36457
January 3	31	2020	257.21245	1.59028	1.56462	1.44908	1.36455

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 TIP TIPS of January 202 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.29660	1.27611	1.22840	1.19863
January	2	2020	257.34155	1.29658	1.27609	1.22838	1.19861
January	3	2020	257.33710	1.29656	1.27607	1.22836	1.19859
January	4	2020	257.33265	1.29653	1.27604	1.22834	1.19857
January	5	2020	257.32819	1.29651	1.27602	1.22832	1.19855
January	6	2020	257.32374	1.29649	1.27600	1.22830	1.19853
January	7	2020	257.31929	1.29647	1.27598	1.22828	1.19851
January	8	2020	257.31484	1.29644	1.27595	1.22825	1.19849
January	9	2020	257.31464	1.29642	1.27593	1.22823	1.19847
January	10	2020	257.30594	1.29640	1.27591	1.22821	1.19845
January	11	2020	257.30148	1.29638	1.27589	1.22819	1.19842
January	12	2020	257.29703	1.29635	1.27587	1.22817	1.19840
January	13	2020	257.29258	1.29633	1.27584	1.22815	1.19838
January	14	2020	257.28813	1.29631	1.27582	1.22813	1.19836
January	15	2020	257.28368	1.29629	1.27580	1.22811	1.19834
January	16	2020	257.27923	1.29626	1.27578	1.22808	1.19832
January	17	2020	257.27477	1.29624	1.27576	1.22806	1.19830
January	18	2020	257.27032	1.29622	1.27573	1.22804	1.19828
January	19	2020	257.26587	1.29620	1.27571	1.22802	1.19826
January	20	2020	257.26142	1.29617	1.27569	1.22800	1.19824
January	21	2020	257.25697	1.29615	1.27567	1.22798	1.19822
January	22	2020	257.25252	1.29613	1.27565	1.22796	1.19820
January	23	2020	257.24806	1.29611	1.27562	1.22794	1.19818
January	24	2020	257.24361	1.29609	1.27560	1.22791	1.19816
January	25	2020	257.23916	1.29606	1.27558	1.22789	1.19813
January	26	2020	257.23471	1.29604	1.27556	1.22787	1.19811
January	27	2020	257.23026	1.29602	1.27554	1.22785	1.19809
January	28	2020	257.22581	1.29600	1.27551	1.22783	1.19807
January	29	2020	257.22135	1.29597	1.27549	1.22781	1.19805
January	30	2020	257.21690	1.29595	1.27547	1.22779	1.19803
January	31	2020	257.21245	1.29593	1.27545	1.22777	1.19801
CPI-U	NSA) for:		September 2	019 256.759	October 2019 257	346 Novemb	er 2019 257,208

January 2020

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	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
Dat	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.19006	1.19065	1.18002	1.17643
January	2	2020	257.34155	1.19004	1.19063	1.18000	1.17640
January	3	2020	257.33710	1.19002	1.19061	1.17998	1.17638
January	4	2020	257.33265	1.19000	1.19059	1.17996	1.17636
January	5	2020	257.32819	1.18998	1.19057	1.17994	1.17634
January	6	2020	257.32374	1.18996	1.19054	1.17992	1.17632
January	7	2020	257.31929	1.18994	1.19052	1.17990	1.17630
January	8	2020	257.31484	1.18992	1.19050	1.17988	1.17628
January	9	2020	257.31039	1.18990	1.19048	1.17986	1.17626
January	10	2020	257.30594	1.18988	1.19046	1.17984	1.17624
January	11	2020	257.30148	1.18985	1.19044	1.17982	1.17622
January	12	2020	257.29703	1.18983	1.19042	1.17980	1.17620
January	13	2020	257.29258	1.18981	1.19040	1.17978	1.17618
January	14	2020	257.28813	1.18979	1.19038	1.17976	1.17616
January	15	2020	257.28368	1.18977	1.19036	1.17974	1.17614
January	16	2020	257.27923		1.19034	1.17972	1.17612
January	17	2020	257.27477		1.19032	1.17970	1.17610
January	18	2020	257.27032		1.19030	1.17968	1.17608
January	19	2020	257.26587		1.19028	1.17966	1.17606
January	20	2020	257.26142		1.19026	1.17964	1.17604
January	21	2020	257.25697		1.19024	1.17962	1.17602
January	22	2020	257.25252		1.19022	1.17960	1.17600
January	23	2020	257.24806		1.19019	1.17958	1.17598
January	24	2020	257.24361		1.19017	1.17955	1.17596
January	25	2020	257.23916		1.19015	1.17953	1.17594
January	26	2020	257.23471		1.19013	1.17951	1.17592
January	27	2020	257.23026		1.19011	1.17949	1.17590
January	28	2020	257.22581		1.19009	1.17947	1.17588
January	29	2020	257.22135		1.19007	1.17945	1.17586
January	30	2020	257.21690		1.19005	1.17943	1.17583
January	31	2020	257.21245		1.19003	1.17941	1.17581
CPI-U (NSA) for: September			September 2	019 256.759	October 2019 257.3	346 November	er 2019 257.208

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	S 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 20/2 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012 February 15, 2042 225.96062
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.17514	1.14181	1.13702	1.13890
January	2	2020	257.34155	1.17512	1.14179	1.13700	1.13888
January	3	2020	257.33710	1.17510	1.14177	1.13698	1.13886
January	4	2020	257.33265	1.17508	1.14175	1.13696	1.13884
January	5	2020	257.32819	1.17506	1.14173	1.13694	1.13882
January	6	2020	257.32374	1.17504	1.14171	1.13692	1.13880
January	7	2020	257.31929	1.17502	1.14169	1.13690	1.13878
January	8	2020	257.31484	1.17500	1.14167	1.13688	1.13876
January	9	2020	257.31039	1.17498	1.14165	1.13686	1.13874
January	10	2020	257.30594	1.17496	1.14163	1.13684	1.13872
January	11	2020	257.30148	1.17494	1.14161	1.13682	1.13870
January	12	2020	257.29703	1.17492	1.14159	1.13680	1.13868
January	13	2020	257.29258	1.17490	1.14158	1.13678	1.13866
January	14	2020	257.28813	1.17488	1.14156	1.13676	1.13864
January	15	2020	257.28368	1.17486	1.14154	1.13674	1.13862
January	16	2020	257.27923	1.17484	1.14152	1.13672	1.13860
January	17	2020	257.27477	1.17482	1.14150	1.13670	1.13858
January	18	2020	257.27032	1.17480	1.14148	1.13668	1.13856
January	19	2020	257.26587	1.17478	1.14146	1.13666	1.13854
January	20	2020	257.26142	1.17476	1.14144	1.13664	1.13852
January	21	2020	257.25697	1.17474	1.14142	1.13662	1.13850
January	22	2020	257.25252	1.17472	1.14140	1.13660	1.13848
January	23	2020	257.24806	1.17470	1.14138	1.13658	1.13846
January	24	2020	257.24361	1.17468	1.14136	1.13656	1.13844
January	25	2020	257.23916	1.17466	1.14134	1.13654	1.13842
January	26	2020	257.23471	1.17464	1.14132	1.13652	1.13841
January	27	2020	257.23026	1.17462	1.14130	1.13650	1.13839
January	28	2020	257.22581	1.17460	1.14128	1.13648	1.13837
January	29	2020	257.22135	1.17457	1.14126	1.13646	1.13835
January	30	2020	257.21690	1.17455	1.14124	1.13644	1.13833
January	31	2020	257.21245	1.17453	1.14122	1.13642	1.13831
CPI-U (I	NSA) for:		September 2	2019 256.759	October 2019 25	7.346 Novemb	er 2019 257.208

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	0-3/8% 10-Year TI Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013 July 15, 2023 232.71797
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.11908	1.11491	1.11933	1.10583
January	2	2020	257.34155	1.11906	1.11489	1.11931	1.10581
January	3	2020	257.33710	1.11904	1.11487	1.11929	1.10579
January	4	2020	257.33265	1.11902	1.11485	1.11927	1.10577
January	5	2020	257.32819	1.11900	1.11483	1.11925	1.10575
January	6	2020	257.32374	1.11898	1.11481	1.11923	1.10573
January	7	2020	257.31929	1.11896	1.11480	1.11921	1.10571
January	8	2020	257.31484	1.11894	1.11478	1.11919	1.10569
January	9	2020	257.31039	1.11892	1.11476	1.11917	1.10567
January	10	2020	257.30594	1.11890	1.11474	1.11915	1.10566
January	11	2020	257.30148	1.11888	1.11472	1.11914	1.10564
January	12	2020	257.29703	1.11886	1.11470	1.11912	1.10562
January	13	2020	257.29258	1.11884	1.11468	1.11910	1.10560
January	14	2020	257.28813	1.11882	1.11466	1.11908	1.10558
January	15	2020	257.28368	1.11880	1.11464	1.11906	1.10556
January	16	2020	257.27923	1.11879	1.11462	1.11904	1.10554
January	17	2020	257.27477	1.11877	1.11460	1.11902	1.10552
January	18	2020	257.27032	1.11875	1.11458	1.11900	1.10550
January	19	2020	257.26587	1.11873	1.11456	1.11898	1.10548
January	20	2020	257.26142	1.11871	1.11454	1.11896	1.10546
January	21	2020	257.25697	1.11869	1.11453	1.11894	1.10545
January	22	2020	257.25252	1.11867	1.11451	1.11892	1.10543
January	23	2020	257.24806	1.11865	1.11449	1.11890	1.10541
January	24	2020	257.24361	1.11863	1.11447	1.11888	1.10539
January	25	2020	257.23916	1.11861	1.11445	1.11886	1.10537
January	26	2020	257.23471	1.11859	1.11443	1.11884	1.10535
January	27	2020	257.23026	1.11857	1.11441	1.11883	1.10533
January	28	2020	257.22581	1.11855	1.11439	1.11881	1.10531
January	29	2020	257.22135	1.11853	1.11437	1.11879	1.10529
January	30	2020	257.21690	1.11851	1.11435	1.11877	1.10527
January	31	2020	257.21245	1.11849	1.11433	1.11875	1.10525
CPI-U (1	NSA) for:		September 2	2019 256.759	October 2019 25'	7.346 November	er 2019 257.208

January 2020

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-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014 January 15, 2024 233.33058	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
Da	Date Ref CPI		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.10292	1.10421	1.08381	1.08652
January	2	2020	257.34155	1.10292	1.10419	1.08379	1.08650
January	3	2020	257.33710	1.10289	1.10417	1.08377	1.08648
January	4	2020	257.33265	1.10287	1.10415	1.08375	1.08646
January	5	2020	257.32819	1.10285	1.10413	1.08373	1.08644
January	6	2020	257.32374	1.10283	1.10411	1.08373	1.08642
January	7	2020	257.31929	1.10281	1.10410	1.08372	1.08640
January	8	2020	257.31484	1.10279	1.10408	1.08368	1.08639
January	9	2020	257.31039	1.10277	1.10406	1.08366	1.08637
January	10	2020	257.30594	1.10277	1.10404	1.08364	1.08635
January	11	2020	257.30148	1.10273	1.10402	1.08362	1.08633
January	12	2020	257.29703	1.10273	1.10400	1.08360	1.08631
January	13	2020	257.29258	1.10271	1.10398	1.08358	1.08629
January	14	2020	257.28813	1.10268	1.10396	1.08357	1.08627
January	15	2020	257.28368	1.10266	1.10394	1.08355	1.08625
January	16	2020	257.27923	1.10264	1.10394	1.08353	1.08624
January	17	2020	257.27477	1.10262	1.10392	1.08351	1.08622
January	18	2020	257.27032	1.10260	1.10388	1.08349	1.08620
January	19	2020	257.26587	1.10258	1.10387	1.08347	1.08618
January	20	2020	257.26142	1.10256	1.10387	1.08347	1.08616
January	21	2020	257.25697	1.10254	1.10383	1.08343	1.08614
January	22	2020	257.25252	1.10252	1.10383	1.08342	1.08612
January	23	2020	257.24806	1.10252	1.10361	1.08340	1.08610
January	24	2020	257.24361	1.10249	1.10377	1.08338	1.08609
January	25	2020	257.23916	1.10247	1.10377	1.08336	1.08607
January	26	2020	257.23471	1.10247	1.10373	1.08334	1.08605
January	27	2020	257.23026	1.10243	1.10373	1.08334	1.08603
January	28	2020	257.22581	1.10243	1.10369	1.08332	1.08601
January	29	2020	257.22135	1.10239	1.10367	1.08328	1.08599
January	30	2020	257.21690	1.10237	1.10366	1.08327	1.08597
January	31	2020	257.21245	1.10235	1.10364	1.08325	1.08595
CPI-U (NSA) for:		September 2	2019 256.759	October 2019 257.3	346 Novembe	er 2019 257,208

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 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	0-5/8% 10-Year TI Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016 January 15, 2026 237.61129
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.09285	1.09892	1.08519	1.08305
January	2	2020	257.34155	1.09283	1.09890	1.08517	1.08304
January	3	2020	257.33710	1.09281	1.09888	1.08515	1.08302
January	4	2020	257.33265	1.09279	1.09886	1.08513	1.08300
January	5	2020	257.32819	1.09277	1.09884	1.08512	1.08298
January	6	2020	257.32374	1.09276	1.09883	1.08510	1.08296
January	7	2020	257.31929	1.09274	1.09881	1.08508	1.08294
January	8	2020	257.31484	1.09272	1.09879	1.08506	1.08292
January	9	2020	257.31039	1.09270	1.09877	1.08504	1.08290
January	10	2020	257.30594	1.09268	1.09875	1.08502	1.08289
January	11	2020	257.30148	1.09266	1.09873	1.08500	1.08287
January	12	2020	257.29703	1.09264	1.09871	1.08498	1.08285
January	13	2020	257.29258	1.09262	1.09869	1.08497	1.08283
January	14	2020	257.28813	1.09260	1.09867	1.08495	1.08281
January	15	2020	257.28368	1.09259	1.09865	1.08493	1.08279
January	16	2020	257.27923	1.09257	1.09864	1.08491	1.08277
January	17	2020	257.27477	1.09255	1.09862	1.08489	1.08275
January	18	2020	257.27032	1.09253	1.09860	1.08487	1.08274
January	19	2020	257.26587	1.09251	1.09858	1.08485	1.08272
January	20	2020	257.26142	1.09249	1.09856	1.08483	1.08270
January	21	2020	257.25697	1.09247	1.09854	1.08481	1.08268
January	22	2020	257.25252	1.09245	1.09852	1.08480	1.08266
January	23	2020	257.24806	1.09243	1.09850	1.08478	1.08264
January	24	2020	257.24361	1.09242	1.09848	1.08476	1.08262
January	25	2020	257.23916	1.09240	1.09846	1.08474	1.08260
January	26	2020	257.23471	1.09238	1.09845	1.08472	1.08259
January	27	2020	257.23026	1.09236	1.09843	1.08470	1.08257
January	28	2020	257.22581	1.09234	1.09841	1.08468	1.08255
January	29	2020	257.22135	1.09232	1.09839	1.08466	1.08253
January	30	2020	257.21690	1.09230	1.09837	1.08465	1.08251
January	31	2020	257.21245	1.09228	1.09835	1.08463	1.08249
CPI-U (1	NSA) for:		September 2	2019 256.759	October 2019 25	57.346 Novemb	er 2019 257.208

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	0-3/8% 10-Year TI Series A-2027 912828V49 January 15, 2017 January 31, 2017 March 31, 2017 May 31, 2017 January 15, 2027 241.55919
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.08610	1.08582	1.07361	1.06535
January	2	2020	257.34155	1.08608	1.08580	1.07359	1.06534
January	3	2020	257.33710	1.08606	1.08578	1.07357	1.06532
January	4	2020	257.33265	1.08605	1.08576	1.07356	1.06530
January	5	2020	257.32819	1.08603	1.08574	1.07354	1.06528
January	6	2020	257.32374	1.08601	1.08572	1.07352	1.06526
January	7	2020	257.31929	1.08599	1.08570	1.07350	1.06524
January	8	2020	257.31484	1.08597	1.08568	1.07348	1.06522
January	9	2020	257.31039	1.08595	1.08567	1.07346	1.06521
January	10	2020	257.30594	1.08593	1.08565	1.07344	1.06519
January	11	2020	257.30148	1.08591	1.08563	1.07343	1.06517
January	12	2020	257.29703	1.08590	1.08561	1.07341	1.06515
January	13	2020	257.29258	1.08588	1.08559	1.07339	1.06513
January	14	2020	257.28813	1.08586	1.08557	1.07337	1.06511
January	15	2020	257.28368	1.08584	1.08555	1.07335	1.06510
January	16	2020	257.27923	1.08582	1.08553	1.07333	1.06508
January	17	2020	257.27477	1.08580	1.08552	1.07331	1.06506
January	18	2020	257.27032	1.08578	1.08550	1.07330	1.06504
January	19	2020	257.26587	1.08576	1.08548	1.07328	1.06502
January	20	2020	257.26142	1.08575	1.08546	1.07326	1.06500
January	21	2020	257.25697	1.08573	1.08544	1.07324	1.06499
January	22	2020	257.25252	1.08571	1.08542	1.07322	1.06497
January	23	2020	257.24806	1.08569	1.08540	1.07320	1.06495
January	24	2020	257.24361	1.08567	1.08538	1.07318	1.06493
January	25	2020	257.23916	1.08565	1.08537	1.07317	1.06491
January	26	2020	257.23471	1.08563	1.08535	1.07315	1.06489
January	27	2020	257.23026	1.08561	1.08533	1.07313	1.06487
January	28	2020	257.22581	1.08560	1.08531	1.07311	1.06486
January	29	2020	257.22135	1.08558	1.08529	1.07309	1.06484
January	30	2020	257.21690	1.08556	1.08527	1.07307	1.06482
January	31	2020	257.21245	1.08554	1.08525	1.07305	1.06480
CPI-U (î	NSA) for:		September 2	2019 256.759	October 2019 2	57.346 Novemb	er 2019 257.208

January 1 2020 257.34600 1.06609 1.05819 1.05203 1.04303 January 2 2020 257.34155 1.06607 1.05817 1.05201 1.04320 January 3 2020 257.33710 1.06605 1.05815 1.05199 1.04320 January 4 2020 257.33265 1.06603 1.05813 1.05198 1.04320 January 5 2020 257.32819 1.06602 1.05811 1.05196 1.04322 January 6 2020 257.32374 1.06600 1.05809 1.05194 1.04322 January 7 2020 257.31929 1.06598 1.05808 1.05194 1.04322 January 8 2020 257.31484 1.06596 1.05806 1.05190 1.04311 January 9 2020 257.31484 1.06596 1.05806 1.05190 1.04311 January 10 2020 257.31039 1.06594 1.05804 1.05188 1.04312 January 11 2020 257.30148 1.06592 1.05802 1.05187 1.04314 January 11 2020 257.30148 1.06591 1.05800 1.05187 1.04314 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04314 January 13 2020 257.29703 1.06589 1.05798 1.05183 1.04314 January 14 2020 257.28181 1.06587 1.05597 1.05181 1.04304 January 15 2020 257.28813 1.06585 1.05795 1.05179 1.04304 January 16 2020 257.28368 1.06583 1.05793 1.05178 1.04304 January 16 2020 257.27923 1.06581 1.05793 1.05178 1.04304 January 17 2020 257.28368 1.06583 1.05793 1.05178 1.04304 January 18 2020 257.27923 1.06581 1.05793 1.05178 1.04304 January 18 2020 257.27923 1.06581 1.05793 1.05176 1.04304 January 18 2020 257.27032 1.06581 1.05798 1.05174 1.04304 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04294 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04294 January 20 2020 257.26587 1.06576 1.05786 1.05170 1.04294 January 22 2020 257.25252 1.06570 1.05780 1.05163 1.04294 January 22 2020 257.25252 1.065670 1.05780 1.05163 1.04294 January 22 2020 257.24806 1.06568 1.05778 1.05163 1.04294	Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	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 T Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018 January 15, 2028 246.66571
January 2 2020 257.34155 1.06607 1.05817 1.05201 1.04325 January 3 2020 257.33710 1.06605 1.05815 1.05199 1.04325 January 4 2020 257.33265 1.06602 1.05811 1.05196 1.04325 January 5 2020 257.32374 1.06602 1.05809 1.05194 1.0432 January 6 2020 257.31929 1.06600 1.05809 1.05194 1.0432 January 7 2020 257.31484 1.06596 1.05808 1.05192 1.0431 January 8 2020 257.31484 1.06596 1.05806 1.05188 1.0431 January 10 2020 257.3039 1.06594 1.05804 1.05188 1.0431 January 10 2020 257.3048 1.06592 1.05802 1.05187 1.0431 January 11 2020 257.29258 1.06589 1.	Dat	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January 2 2020 257.34155 1.06607 1.05817 1.05201 1.04325 January 3 2020 257.33710 1.06605 1.05815 1.05199 1.04325 January 4 2020 257.33265 1.06602 1.05811 1.05196 1.04325 January 5 2020 257.32374 1.06602 1.05809 1.05194 1.0432 January 6 2020 257.31929 1.06600 1.05809 1.05194 1.0432 January 7 2020 257.31484 1.06596 1.05808 1.05192 1.0431 January 8 2020 257.31484 1.06596 1.05806 1.05188 1.0431 January 10 2020 257.3039 1.06594 1.05804 1.05188 1.0431 January 10 2020 257.3048 1.06592 1.05802 1.05187 1.0431 January 11 2020 257.29258 1.06589 1.	January	1	2020	257.34600	1.06609	1.05819	1.05203	1.04330
January 3 2020 257.33710 1.06605 1.05815 1.05199 1.04326 January 4 2020 257.33265 1.06603 1.05813 1.05198 1.04322 January 5 2020 257.32819 1.06602 1.05809 1.05194 1.04322 January 6 2020 257.31929 1.06598 1.05809 1.05194 1.04322 January 7 2020 257.31929 1.06598 1.05806 1.05190 1.04312 January 9 2020 257.31039 1.06594 1.05806 1.051180 1.04312 January 10 2020 257.30594 1.06592 1.05802 1.05187 1.04312 January 11 2020 257.29703 1.06589 1.05798 1.05183 1.04312 January 12 2020 257.28813 1.06589 1.05798 1.05183 1.04302 January 14 2020 257.28368 1.065887	•						•	1.04328
January 4 2020 257.33265 1.06603 1.05813 1.05198 1.04322 January 5 2020 257.32819 1.06602 1.05811 1.05196 1.04322 January 6 2020 257.31929 1.06509 1.05808 1.05192 1.04312 January 7 2020 257.31929 1.06596 1.05806 1.05190 1.04312 January 8 2020 257.31039 1.06596 1.05806 1.05190 1.04313 January 10 2020 257.30148 1.06592 1.05804 1.05188 1.04313 January 11 2020 257.30148 1.06592 1.05800 1.05185 1.04313 January 12 2020 257.2973 1.06589 1.05798 1.05185 1.04313 January 12 2020 257.28813 1.06587 1.05797 1.05181 1.04303 January 14 2020 257.28368 1.06585	•				1.06605			1.04326
January 6 2020 257.32374 1.06600 1.05809 1.05194 1.0432 January 8 2020 257.31929 1.06598 1.05808 1.05190 1.0431 January 8 2020 257.31484 1.06596 1.05806 1.05190 1.0431 January 9 2020 257.31039 1.06594 1.05804 1.05188 1.0431 January 10 2020 257.30594 1.06592 1.05802 1.05187 1.0431 January 11 2020 257.30148 1.06591 1.05800 1.05185 1.0431 January 12 2020 257.29258 1.06587 1.05798 1.05183 1.0430 January 14 2020 257.28313 1.06585 1.05797 1.05181 1.0430 January 15 2020 257.28368 1.06585 1.05795 1.05179 1.0430 January 16 2020 257.27233 1.06581	January	4	2020	257.33265	1.06603	1.05813	1.05198	1.04324
January 6 2020 257.32374 1.06600 1.05809 1.05194 1.0432 January 8 2020 257.31929 1.06598 1.05806 1.05190 1.0431 January 8 2020 257.31844 1.06596 1.05806 1.05190 1.0431 January 9 2020 257.30594 1.06592 1.05802 1.05187 1.0431 January 11 2020 257.30148 1.06591 1.05800 1.05185 1.0431 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.0431 January 13 2020 257.29258 1.06587 1.05797 1.05181 1.0430 January 14 2020 257.28313 1.06585 1.05795 1.05179 1.0430 January 16 2020 257.27233 1.06581 1.05795 1.05179 1.0430 January 17 2020 257.27323 1.065781 <th< td=""><td>January</td><td>5</td><td>2020</td><td>257.32819</td><td>1.06602</td><td>1.05811</td><td>1.05196</td><td>1.04323</td></th<>	January	5	2020	257.32819	1.06602	1.05811	1.05196	1.04323
January 8 2020 257.31484 1.06596 1.05806 1.05190 1.04317 January 9 2020 257.31039 1.06594 1.05804 1.05188 1.04315 January 10 2020 257.30148 1.06592 1.05800 1.05187 1.04314 January 11 2020 257.30148 1.06591 1.05800 1.05185 1.04315 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04316 January 14 2020 257.28813 1.06585 1.05797 1.05181 1.04300 January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04300 January 15 2020 257.28868 1.06583 1.05793 1.05178 1.04300 January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04300 January 17 2020 257.27032 1.06576	January		2020	257.32374	1.06600	1.05809	1.05194	1.04321
January 9 2020 257.31039 1.06594 1.05804 1.05188 1.04312 January 10 2020 257.30594 1.06592 1.05802 1.05187 1.04314 January 11 2020 257.30594 1.065891 1.05800 1.05185 1.04314 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04314 January 13 2020 257.29258 1.06587 1.05797 1.05181 1.04303 January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04303 January 16 2020 257.27823 1.06581 1.05793 1.05176 1.04303 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04303 January 18 2020 257.26587 1.06578 1.05786 1.05172 1.04294 January 29 2020 257.26687 1.06576	January	7	2020	257.31929	1.06598	1.05808	1.05192	1.04319
January 10 2020 257.30594 1.06592 1.05802 1.05187 1.04314 January 11 2020 257.30148 1.06591 1.05800 1.05185 1.04314 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04316 January 13 2020 257.29258 1.06587 1.05797 1.05181 1.04308 January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04308 January 15 2020 257.28368 1.06583 1.05793 1.05178 1.04308 January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04308 January 17 2020 257.27777 1.06579 1.05789 1.05174 1.04309 January 18 2020 257.26587 1.06576 1.05786 1.05170 1.04299 January 20 2020 257.25697 1.06576	January	8	2020	257.31484	1.06596	1.05806	1.05190	1.04317
January 11 2020 257.30148 1.06591 1.05800 1.05185 1.04312 January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04316 January 13 2020 257.29258 1.06587 1.05797 1.05181 1.04303 January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04306 January 15 2020 257.28368 1.06583 1.05793 1.05178 1.04306 January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04306 January 17 2020 257.27923 1.06579 1.05789 1.05174 1.0430 January 18 2020 257.27032 1.06578 1.05789 1.05174 1.0430 January 19 2020 257.26587 1.06576 1.05786 1.05172 1.04296 January 20 2020 257.25697 1.06572	January	9	2020	257.31039	1.06594	1.05804	1.05188	1.04315
January 12 2020 257.29703 1.06589 1.05798 1.05183 1.04306 January 13 2020 257.29258 1.06587 1.05797 1.05181 1.04306 January 14 2020 257.28368 1.06585 1.05795 1.05179 1.04306 January 15 2020 257.28368 1.06583 1.05791 1.05176 1.04306 January 16 2020 257.27477 1.06578 1.05791 1.05176 1.04306 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04306 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04296 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04296 January 20 2020 257.25697 1.06574 1.05784 1.05168 1.05168 1.04296 January 21 2020 257.25525	January	10	2020	257.30594	1.06592	1.05802	1.05187	1.04314
January 13 2020 257.29258 1.06587 1.05797 1.05181 1.04308 January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04308 January 15 2020 257.28368 1.06583 1.05793 1.05178 1.04303 January 16 2020 257.27477 1.06581 1.05791 1.05176 1.04303 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04303 January 18 2020 257.27032 1.06578 1.05789 1.05172 1.04293 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04293 January 20 2020 257.25697 1.06572 1.05782 1.05167 1.04294 January 21 2020 257.25252 1.06570 1.05780 1.05165 1.04293 January 23 2020 257.24361 1.06566	January	11	2020	257.30148	1.06591	1.05800	1.05185	1.04312
January 14 2020 257.28813 1.06585 1.05795 1.05179 1.04300 January 15 2020 257.28368 1.06583 1.05793 1.05178 1.04303 January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04303 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04303 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04299 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04299 January 20 2020 257.26142 1.06574 1.05786 1.05168 1.04299 January 21 2020 257.25697 1.06572 1.05782 1.05167 1.04299 January 22 2020 257.24806 1.06568 1.05778 1.05163 1.04290 January 24 2020 257.24361 1.06566	January	12	2020	257.29703	1.06589	1.05798	1.05183	1.04310
January 15 2020 257.28368 1.06583 1.05793 1.05178 1.04303 January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04303 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04303 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04295 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04295 January 20 2020 257.26142 1.06574 1.05784 1.05168 1.04296 January 21 2020 257.25597 1.06572 1.05782 1.05167 1.04296 January 22 2020 257.24806 1.06568 1.05778 1.05163 1.04296 January 24 2020 257.24361 1.06567 1.05776 1.05161 1.04286 January 25 2020 257.23471 1.06563	January				1.06587		•	1.04308
January 16 2020 257.27923 1.06581 1.05791 1.05176 1.04303 January 17 2020 257.27477 1.06579 1.05789 1.05174 1.04303 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04299 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04299 January 20 2020 257.26142 1.06574 1.05784 1.05168 1.04299 January 21 2020 257.25697 1.06572 1.05782 1.05167 1.04299 January 22 2020 257.25252 1.06570 1.05780 1.05165 1.04299 January 23 2020 257.24806 1.06568 1.05778 1.05163 1.04299 January 24 2020 257.23916 1.06567 1.05776 1.05161 1.04289 January 26 2020 257.23471 1.06565	January							1.04306
January 17 2020 257.27477 1.06579 1.05789 1.05174 1.0430 January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04295 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04295 January 20 2020 257.26142 1.06574 1.05784 1.05168 1.04296 January 21 2020 257.25697 1.06572 1.05782 1.05167 1.04296 January 22 2020 257.25252 1.06570 1.05780 1.05165 1.04296 January 23 2020 257.24806 1.06568 1.05778 1.05163 1.04296 January 24 2020 257.24361 1.06567 1.05776 1.05161 1.04286 January 25 2020 257.23916 1.06565 1.05775 1.05159 1.04286 January 26 2020 257.23026 1.06561	•							1.04305
January 18 2020 257.27032 1.06578 1.05787 1.05172 1.04299 January 19 2020 257.26587 1.06576 1.05786 1.05170 1.04299 January 20 2020 257.26142 1.06574 1.05784 1.05168 1.04290 January 21 2020 257.25697 1.06572 1.05782 1.05167 1.04290 January 22 2020 257.25252 1.06570 1.05780 1.05165 1.04290 January 23 2020 257.24806 1.06568 1.05778 1.05163 1.04290 January 24 2020 257.24361 1.06567 1.05776 1.05161 1.04280 January 25 2020 257.23916 1.06565 1.05775 1.05159 1.04280 January 26 2020 257.23026 1.06561 1.05771 1.05156 1.04280 January 28 2020 257.22581 1.06559	•			1				1.04303
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CPI-U (NSA) for: September 2019 256.759 October 2019 257.346 November 2019 257.2			2020	237.21243	1.00334	1.03/04	1.03146	1.042/0

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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	0-7/8% 10-Year TI Series A-2029 9128285W6 January 15, 2019 January 31, 2019 March 29, 2019 May 31, 2019 January 15, 2029 252.50248
Da	te		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
January	1	2020	257.34600	1.04359	1.03605	1.02522	1.01918
January	2	2020	257.34155	1.04357	1.03603	1.02520	1.01916
January	3	2020	257.33710	1.04356	1.03601	1.02518	1.01915
January	4	2020	257.33265	1.04354	1.03600	1.02516	1.01913
January	5	2020	257.32819	1.04352	1.03598	1.02514	1.01911
January	6	2020	257.32374	1.04350	1.03596	1.02513	1.01909
January	7	2020	257.31929	1.04348	1.03594	1.02511	1.01908
January	8	2020	257.31484	1.04347	1.03592	1.02509	1.01906
January	9	2020	257.31039	1.04345	1.03591	1.02507	1.01904
January	10	2020	257.30594	1.04343	1.03589	1.02506	1.01902
January	11	2020	257.30148	1.04341	1.03587	1.02504	1.01901
January	12	2020	257.29703	1.04339	1.03585	1.02502	1.01899
January	13	2020	257.29258	1.04337	1.03583	1.02500	1.01897
January	14	2020	257.28813	1.04336	1.03582	1.02498	1.01895
January	15	2020	257.28368	1.04334	1.03580	1.02497	1.01894
January	16	2020	257.27923	1.04332	1.03578	1.02495	1.01892
January	17	2020	257.27477	1.04330	1.03576	1.02493	1.01890
January	18	2020	257.27032	1.04328	1.03575	1.02491	1.01888
January	19	2020	257.26587	1.04327	1.03573	1.02490	1.01886
January	20	2020	257.26142	1.04325	1.03571	1.02488	1.01885
January	21	2020	257.25697	1.04323	1.03569	1.02486	1.01883
January	22	2020	257.25252	1.04321	1.03567	1.02484	1.01881
January	23	2020	257.24806	1.04319	1.03566	1.02482	1.01879
January	24	2020	257.24361	1.04318	1.03564	1.02481	1.01878
January	25	2020	257.23916	1.04316	1.03562	1.02479	1.01876
January	26	2020	257.23471	1.04314	1.03560	1.02477	1.01874
January	27	2020	257.23026	1.04312	1.03558	1.02475	1.01872
January	28	2020	257.22581	1.04310	1.03557	1.02474	1.01871
January	29	2020	257.22135	1.04309	1.03555	1.02472	1.01869
January	30	2020	257.21690	1.04307	1.03553	1.02470	1.01867
January	31	2020	257.21245	1.04305	1.03551	1.02468	1.01865
CPI-U	NSA) for:		September 2	2019 256.759	October 2019 25	57.346 Novemb	er 2019 257.208

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				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 TIPS Series X-2024 9128286N5 April 15, 2019 April 30, 2019 June 28, 2019 April 15, 2024 252.20853	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 255.79368	0-1/8% 5-Year TIP Series AE-2024 912828YL8 October 15, 2019 October 31, 2019 October 15, 2024 256.56513
Date Ref CPI		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
January	1	2020	257.34600	1.02269	1.02037	1.00607	1.00304
January	2	2020	257.34155	1.02268	1.02037	1.00605	1.00304
January	3	2020	257.33710	1.02266	1.02033	1.00603	1.00303
January	4	2020	257.33265	1.02264	1.02033	1.00602	1.00301
January	5	2020	257.32819	1.02262	1.02032	1.00602	1.00297
January	6	2020	257.32374	1.02261	1.02038	1.00598	1.00297
January	7	2020	257.31929	1.02259	1.02026	1.00596	1.00294
January	8	2020	257.31484	1.02257	1.02025	1.00595	1.00294
January	9	2020	257.31039	1.02255	1.02023	1.00593	1.00292
January	10	2020	257.30594	1.02253	1.02021	1.00591	1.00289
January	11	2020	257.30148	1.02252	1.02019	1.00589	1.00287
January	12	2020	257.29703	1.02250	1.02018	1.00588	1.00285
January	13	2020	257.29258	1.02248	1.02016	1.00586	1.00284
January	14	2020	257.28813	1.02246	1.02014	1.00584	1.00282
January	15	2020	257.28368	1.02245	1.02012	1.00583	1.00280
January	16	2020	257.27923	1.02243	1.02011	1.00581	1.00278
January	17	2020	257.27477	1.02241	1.02009	1.00579	1.00277
January	18	2020	257.27032	1.02239	1.02007	1.00577	1.00275
January	19	2020	257.26587	1.02238	1.02005	1.00576	1.00273
January	20	2020	257.26142	1.02236	1.02003	1.00574	1.00271
January	21	2020	257.25697	1.02234	1.02002	1.00572	1.00270
January	22	2020	257.25252	1.02232	1.02000	1.00570	1.00268
January	23	2020	257.24806	1.02230	1.01998	1.00569	1.00266
January	24	2020	257.24361	1.02229	1.01996	1.00567	1.00264
January	25	2020	257.23916	1.02227	1.01995	1.00565	1.00263
January	26	2020	257.23471	1.02225	1.01993	1.00563	1.00261
January	27	2020	257.23026	1.02223	1.01991	1.00562	1.00259
January	28	2020	257.22581	1.02222	1.01989	1.00560	1.00258
January	29	2020	257.22135	1.02220	1.01988	1.00558	1.00256
January	30	2020	257.21690	1.02218	1.01986	1.00556	1.00254
January	31	2020	257.21245	1.02216	1.01984	1.00555	1.00252
CPI-U (NSA) for: September		2019 256,759	October 2019 25	7.346 November	er 2019 257.208		