

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security:			3-5/8% 30-Year TIPS	3-7/8% 30-Year TIPS	3-3/8% 30-1/2-Year TIPS	2-3/8% 20-1/2-Year TIPS
Description:			TIPS of April 2028	TIPS of April 2029	TIPS of April 2032	TIPS of January 2025
CUSIP Number:			912810FD5	912810FH6	912810FQ6	912810FR4
Dated Date:			April 15, 1998	April 15, 1999	October 15, 2001	July 15, 2004
Original Issue Date:			April 15, 1998	April 15, 1999	October 15, 2001	July 30, 2004
Additional Issue Date(s):			July 15, 1998	October 15, 1999 October 16, 2000		January 31, 2005 July 29, 2005
Maturity Date:			April 15, 2028	April 15, 2029	April 15, 2032	January 15, 2025
Ref CPI on Dated Date:			161.74000	164.39333	177.50000	188.49677
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.61045	1.58446	1.46746	1.38185	
March 2 2021	260.50974	1.61067	1.58467	1.46766	1.38204	
March 3 2021	260.54548	1.61089	1.58489	1.46786	1.38223	
March 4 2021	260.58123	1.61111	1.58511	1.46806	1.38242	
March 5 2021	260.61697	1.61133	1.58533	1.46826	1.38261	
March 6 2021	260.65271	1.61155	1.58554	1.46847	1.38280	
March 7 2021	260.68845	1.61177	1.58576	1.46867	1.38299	
March 8 2021	260.72419	1.61200	1.58598	1.46887	1.38318	
March 9 2021	260.75994	1.61222	1.58620	1.46907	1.38337	
March 10 2021	260.79568	1.61244	1.58641	1.46927	1.38356	
March 11 2021	260.83142	1.61266	1.58663	1.46947	1.38374	
March 12 2021	260.86716	1.61288	1.58685	1.46967	1.38393	
March 13 2021	260.90290	1.61310	1.58706	1.46988	1.38412	
March 14 2021	260.93865	1.61332	1.58728	1.47008	1.38431	
March 15 2021	260.97439	1.61354	1.58750	1.47028	1.38450	
March 16 2021	261.01013	1.61376	1.58772	1.47048	1.38469	
March 17 2021	261.04587	1.61398	1.58793	1.47068	1.38488	
March 18 2021	261.08161	1.61421	1.58815	1.47088	1.38507	
March 19 2021	261.11735	1.61443	1.58837	1.47108	1.38526	
March 20 2021	261.15310	1.61465	1.58859	1.47129	1.38545	
March 21 2021	261.18884	1.61487	1.58880	1.47149	1.38564	
March 22 2021	261.22458	1.61509	1.58902	1.47169	1.38583	
March 23 2021	261.26032	1.61531	1.58924	1.47189	1.38602	
March 24 2021	261.29606	1.61553	1.58946	1.47209	1.38621	
March 25 2021	261.33181	1.61575	1.58967	1.47229	1.38640	
March 26 2021	261.36755	1.61597	1.58989	1.47249	1.38659	
March 27 2021	261.40329	1.61619	1.59011	1.47269	1.38678	
March 28 2021	261.43903	1.61642	1.59033	1.47290	1.38697	
March 29 2021	261.47477	1.61664	1.59054	1.47310	1.38716	
March 30 2021	261.51052	1.61686	1.59076	1.47330	1.38735	
March 31 2021	261.54626	1.61708	1.59098	1.47350	1.38754	
CPI-U (NSA) for:			November 2020 260.229	December 2020 260.474	January 2021 261.582	

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006	2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007	1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008	2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009	
Maturity Date: Ref CPI on Dated Date:			January 15, 2026 198.47742	January 15, 2027 201.66452	January 15, 2028 209.49645	January 15, 2029 214.69971	
Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
March	1	2021	260.47400	1.31236	1.29162	1.24333	1.21320
March	2	2021	260.50974	1.31254	1.29180	1.24350	1.21337
March	3	2021	260.54548	1.31272	1.29197	1.24367	1.21353
March	4	2021	260.58123	1.31290	1.29215	1.24385	1.21370
March	5	2021	260.61697	1.31308	1.29233	1.24402	1.21387
March	6	2021	260.65271	1.31326	1.29251	1.24419	1.21403
March	7	2021	260.68845	1.31344	1.29268	1.24436	1.21420
March	8	2021	260.72419	1.31362	1.29286	1.24453	1.21437
March	9	2021	260.75994	1.31380	1.29304	1.24470	1.21453
March	10	2021	260.79568	1.31398	1.29322	1.24487	1.21470
March	11	2021	260.83142	1.31416	1.29339	1.24504	1.21487
March	12	2021	260.86716	1.31434	1.29357	1.24521	1.21503
March	13	2021	260.90290	1.31452	1.29375	1.24538	1.21520
March	14	2021	260.93865	1.31470	1.29392	1.24555	1.21537
March	15	2021	260.97439	1.31488	1.29410	1.24572	1.21553
March	16	2021	261.01013	1.31506	1.29428	1.24589	1.21570
March	17	2021	261.04587	1.31524	1.29446	1.24606	1.21587
March	18	2021	261.08161	1.31542	1.29463	1.24623	1.21603
March	19	2021	261.11735	1.31560	1.29481	1.24640	1.21620
March	20	2021	261.15310	1.31578	1.29499	1.24658	1.21636
March	21	2021	261.18884	1.31596	1.29517	1.24675	1.21653
March	22	2021	261.22458	1.31614	1.29534	1.24692	1.21670
March	23	2021	261.26032	1.31632	1.29552	1.24709	1.21686
March	24	2021	261.29606	1.31650	1.29570	1.24726	1.21703
March	25	2021	261.33181	1.31668	1.29587	1.24743	1.21720
March	26	2021	261.36755	1.31686	1.29605	1.24760	1.21736
March	27	2021	261.40329	1.31704	1.29623	1.24777	1.21753
March	28	2021	261.43903	1.31722	1.29641	1.24794	1.21770
March	29	2021	261.47477	1.31740	1.29658	1.24811	1.21786
March	30	2021	261.51052	1.31758	1.29676	1.24828	1.21803
March	31	2021	261.54626	1.31776	1.29694	1.24845	1.21820
CPI-U (NSA) for:			November 2020 260.229	December 2020 260.474	January 2021 261.582		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
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March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010	2-1/8% 30-Year TIPS TIPS of February 2041 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011	0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011	0-1/8% 10-Year TIPS Series A-2022 912828SA9 January 15, 2012 January 31, 2012 March 30, 2012 May 31, 2012
Maturity Date: Ref CPI on Dated Date:			February 15, 2040 216.13950	February 15, 2041 218.99100	July 15, 2021 225.38381	January 15, 2022 226.33474
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.20512	1.18943	1.15569	1.15084	
March 2 2021	260.50974	1.20529	1.18959	1.15585	1.15099	
March 3 2021	260.54548	1.20545	1.18975	1.15601	1.15115	
March 4 2021	260.58123	1.20562	1.18992	1.15617	1.15131	
March 5 2021	260.61697	1.20578	1.19008	1.15633	1.15147	
March 6 2021	260.65271	1.20595	1.19024	1.15648	1.15162	
March 7 2021	260.68845	1.20611	1.19041	1.15664	1.15178	
March 8 2021	260.72419	1.20628	1.19057	1.15680	1.15194	
March 9 2021	260.75994	1.20644	1.19073	1.15696	1.15210	
March 10 2021	260.79568	1.20661	1.19090	1.15712	1.15226	
March 11 2021	260.83142	1.20677	1.19106	1.15728	1.15241	
March 12 2021	260.86716	1.20694	1.19122	1.15744	1.15257	
March 13 2021	260.90290	1.20710	1.19139	1.15759	1.15273	
March 14 2021	260.93865	1.20727	1.19155	1.15775	1.15289	
March 15 2021	260.97439	1.20743	1.19171	1.15791	1.15305	
March 16 2021	261.01013	1.20760	1.19188	1.15807	1.15320	
March 17 2021	261.04587	1.20777	1.19204	1.15823	1.15336	
March 18 2021	261.08161	1.20793	1.19220	1.15839	1.15352	
March 19 2021	261.11735	1.20810	1.19237	1.15855	1.15368	
March 20 2021	261.15310	1.20826	1.19253	1.15870	1.15384	
March 21 2021	261.18884	1.20843	1.19269	1.15886	1.15399	
March 22 2021	261.22458	1.20859	1.19286	1.15902	1.15415	
March 23 2021	261.26032	1.20876	1.19302	1.15918	1.15431	
March 24 2021	261.29606	1.20892	1.19318	1.15934	1.15447	
March 25 2021	261.33181	1.20909	1.19334	1.15950	1.15463	
March 26 2021	261.36755	1.20925	1.19351	1.15966	1.15478	
March 27 2021	261.40329	1.20942	1.19367	1.15981	1.15494	
March 28 2021	261.43903	1.20958	1.19383	1.15997	1.15510	
March 29 2021	261.47477	1.20975	1.19400	1.16013	1.15526	
March 30 2021	261.51052	1.20992	1.19416	1.16029	1.15541	
March 31 2021	261.54626	1.21008	1.19432	1.16045	1.15557	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-3/4% 30-Year TIPS TIPS of February 2042 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012	0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012	0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013	0-5/8% 30-Year TIPS TIPS of February 2043 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013
Maturity Date: Ref CPI on Dated Date:			February 15, 2042 225.96062	July 15, 2022 229.96306	January 15, 2023 230.82203	February 15, 2043 229.91100
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.15274	1.13268	1.12846	1.13293	
March 2 2021	260.50974	1.15290	1.13283	1.12862	1.13309	
March 3 2021	260.54548	1.15306	1.13299	1.12877	1.13324	
March 4 2021	260.58123	1.15322	1.13314	1.12893	1.13340	
March 5 2021	260.61697	1.15337	1.13330	1.12908	1.13356	
March 6 2021	260.65271	1.15353	1.13345	1.12924	1.13371	
March 7 2021	260.68845	1.15369	1.13361	1.12939	1.13387	
March 8 2021	260.72419	1.15385	1.13377	1.12955	1.13402	
March 9 2021	260.75994	1.15401	1.13392	1.12970	1.13418	
March 10 2021	260.79568	1.15416	1.13408	1.12986	1.13433	
March 11 2021	260.83142	1.15432	1.13423	1.13001	1.13449	
March 12 2021	260.86716	1.15448	1.13439	1.13017	1.13464	
March 13 2021	260.90290	1.15464	1.13454	1.13032	1.13480	
March 14 2021	260.93865	1.15480	1.13470	1.13048	1.13496	
March 15 2021	260.97439	1.15496	1.13485	1.13063	1.13511	
March 16 2021	261.01013	1.15511	1.13501	1.13079	1.13527	
March 17 2021	261.04587	1.15527	1.13516	1.13094	1.13542	
March 18 2021	261.08161	1.15543	1.13532	1.13109	1.13558	
March 19 2021	261.11735	1.15559	1.13548	1.13125	1.13573	
March 20 2021	261.15310	1.15575	1.13563	1.13140	1.13589	
March 21 2021	261.18884	1.15590	1.13579	1.13156	1.13604	
March 22 2021	261.22458	1.15606	1.13594	1.13171	1.13620	
March 23 2021	261.26032	1.15622	1.13610	1.13187	1.13635	
March 24 2021	261.29606	1.15638	1.13625	1.13202	1.13651	
March 25 2021	261.33181	1.15654	1.13641	1.13218	1.13667	
March 26 2021	261.36755	1.15670	1.13656	1.13233	1.13682	
March 27 2021	261.40329	1.15685	1.13672	1.13249	1.13698	
March 28 2021	261.43903	1.15701	1.13687	1.13264	1.13713	
March 29 2021	261.47477	1.15717	1.13703	1.13280	1.13729	
March 30 2021	261.51052	1.15733	1.13718	1.13295	1.13744	
March 31 2021	261.54626	1.15749	1.13734	1.13311	1.13760	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-3/8% 10-Year TIPS Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013	0-5/8% 10-Year TIPS Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014	1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014	0-1/8% 10-Year TIPS Series D-2024 912828WU0 July 15, 2014 July 31, 2014 September 30, 2014 November 28, 2014
Maturity Date: Ref CPI on Dated Date:			July 15, 2023 232.71797	January 15, 2024 233.33058	February 15, 2044 233.05900	July 15, 2024 237.44594
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.11927	1.11633	1.11763	1.09698	
March 2 2021	260.50974	1.11942	1.11648	1.11778	1.09713	
March 3 2021	260.54548	1.11958	1.11664	1.11794	1.09728	
March 4 2021	260.58123	1.11973	1.11679	1.11809	1.09743	
March 5 2021	260.61697	1.11988	1.11694	1.11824	1.09758	
March 6 2021	260.65271	1.12004	1.11710	1.11840	1.09773	
March 7 2021	260.68845	1.12019	1.11725	1.11855	1.09789	
March 8 2021	260.72419	1.12034	1.11740	1.11870	1.09804	
March 9 2021	260.75994	1.12050	1.11756	1.11886	1.09819	
March 10 2021	260.79568	1.12065	1.11771	1.11901	1.09834	
March 11 2021	260.83142	1.12080	1.11786	1.11916	1.09849	
March 12 2021	260.86716	1.12096	1.11802	1.11932	1.09864	
March 13 2021	260.90290	1.12111	1.11817	1.11947	1.09879	
March 14 2021	260.93865	1.12127	1.11832	1.11962	1.09894	
March 15 2021	260.97439	1.12142	1.11847	1.11978	1.09909	
March 16 2021	261.01013	1.12157	1.11863	1.11993	1.09924	
March 17 2021	261.04587	1.12173	1.11878	1.12008	1.09939	
March 18 2021	261.08161	1.12188	1.11893	1.12024	1.09954	
March 19 2021	261.11735	1.12203	1.11909	1.12039	1.09969	
March 20 2021	261.15310	1.12219	1.11924	1.12055	1.09984	
March 21 2021	261.18884	1.12234	1.11939	1.12070	1.09999	
March 22 2021	261.22458	1.12249	1.11955	1.12085	1.10014	
March 23 2021	261.26032	1.12265	1.11970	1.12101	1.10029	
March 24 2021	261.29606	1.12280	1.11985	1.12116	1.10044	
March 25 2021	261.33181	1.12296	1.12001	1.12131	1.10059	
March 26 2021	261.36755	1.12311	1.12016	1.12147	1.10075	
March 27 2021	261.40329	1.12326	1.12031	1.12162	1.10090	
March 28 2021	261.43903	1.12342	1.12047	1.12177	1.10105	
March 29 2021	261.47477	1.12357	1.12062	1.12193	1.10120	
March 30 2021	261.51052	1.12372	1.12077	1.12208	1.10135	
March 31 2021	261.54626	1.12388	1.12093	1.12223	1.10150	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015	0-3/4% 30-Year TIPS TIPS of February 2045 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015	0-3/8% 10-Year TIPS Series D-2025 912828XL9 July 15, 2015 July 31, 2015 September 30, 2015 November 30, 2015	0-5/8% 10-Year TIPS Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016
Maturity Date: Ref CPI on Dated Date:			January 15, 2025 236.85403	February 15, 2045 235.48150	July 15, 2025 237.14365	January 15, 2026 237.61129
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.09972	1.10613	1.09838	1.09622	
March 2 2021	260.50974	1.09987	1.10629	1.09853	1.09637	
March 3 2021	260.54548	1.10003	1.10644	1.09868	1.09652	
March 4 2021	260.58123	1.10018	1.10659	1.09883	1.09667	
March 5 2021	260.61697	1.10033	1.10674	1.09898	1.09682	
March 6 2021	260.65271	1.10048	1.10689	1.09913	1.09697	
March 7 2021	260.68845	1.10063	1.10704	1.09928	1.09712	
March 8 2021	260.72419	1.10078	1.10720	1.09944	1.09727	
March 9 2021	260.75994	1.10093	1.10735	1.09959	1.09742	
March 10 2021	260.79568	1.10108	1.10750	1.09974	1.09757	
March 11 2021	260.83142	1.10123	1.10765	1.09989	1.09772	
March 12 2021	260.86716	1.10138	1.10780	1.10004	1.09787	
March 13 2021	260.90290	1.10153	1.10795	1.10019	1.09802	
March 14 2021	260.93865	1.10169	1.10811	1.10034	1.09817	
March 15 2021	260.97439	1.10184	1.10826	1.10049	1.09832	
March 16 2021	261.01013	1.10199	1.10841	1.10064	1.09848	
March 17 2021	261.04587	1.10214	1.10856	1.10079	1.09863	
March 18 2021	261.08161	1.10229	1.10871	1.10094	1.09878	
March 19 2021	261.11735	1.10244	1.10887	1.10109	1.09893	
March 20 2021	261.15310	1.10259	1.10902	1.10124	1.09908	
March 21 2021	261.18884	1.10274	1.10917	1.10140	1.09923	
March 22 2021	261.22458	1.10289	1.10932	1.10155	1.09938	
March 23 2021	261.26032	1.10304	1.10947	1.10170	1.09953	
March 24 2021	261.29606	1.10319	1.10962	1.10185	1.09968	
March 25 2021	261.33181	1.10335	1.10978	1.10200	1.09983	
March 26 2021	261.36755	1.10350	1.10993	1.10215	1.09998	
March 27 2021	261.40329	1.10365	1.11008	1.10230	1.10013	
March 28 2021	261.43903	1.10380	1.11023	1.10245	1.10028	
March 29 2021	261.47477	1.10395	1.11038	1.10260	1.10043	
March 30 2021	261.51052	1.10410	1.11054	1.10275	1.10058	
March 31 2021	261.54626	1.10425	1.11069	1.10290	1.10073	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1% 30-Year TIPS TIPS of February 2046 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016	0-1/8% 5-Year TIPS Series X-2021 912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2016	0-1/8% 10-Year TIPS Series D-2026 912828S50 July 15, 2016 July 29, 2016 September 30, 2016 November 30, 2016	0-3/8% 10-Year TIPS Series A-2027 912828V49 January 15, 2017 January 31, 2017 March 31, 2017 May 31, 2017
Maturity Date: Ref CPI on Dated Date:			February 15, 2046 236.94448	April 15, 2021 237.00700	July 15, 2026 239.70132	January 15, 2027 241.55919
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.09930	1.09901	1.08666	1.07830	
March 2 2021	260.50974	1.09945	1.09916	1.08681	1.07845	
March 3 2021	260.54548	1.09961	1.09932	1.08696	1.07860	
March 4 2021	260.58123	1.09976	1.09947	1.08711	1.07875	
March 5 2021	260.61697	1.09991	1.09962	1.08726	1.07889	
March 6 2021	260.65271	1.10006	1.09977	1.08741	1.07904	
March 7 2021	260.68845	1.10021	1.09992	1.08756	1.07919	
March 8 2021	260.72419	1.10036	1.10007	1.08770	1.07934	
March 9 2021	260.75994	1.10051	1.10022	1.08785	1.07949	
March 10 2021	260.79568	1.10066	1.10037	1.08800	1.07963	
March 11 2021	260.83142	1.10081	1.10052	1.08815	1.07978	
March 12 2021	260.86716	1.10096	1.10067	1.08830	1.07993	
March 13 2021	260.90290	1.10111	1.10082	1.08845	1.08008	
March 14 2021	260.93865	1.10126	1.10097	1.08860	1.08023	
March 15 2021	260.97439	1.10142	1.10113	1.08875	1.08037	
March 16 2021	261.01013	1.10157	1.10128	1.08890	1.08052	
March 17 2021	261.04587	1.10172	1.10143	1.08905	1.08067	
March 18 2021	261.08161	1.10187	1.10158	1.08920	1.08082	
March 19 2021	261.11735	1.10202	1.10173	1.08934	1.08097	
March 20 2021	261.15310	1.10217	1.10188	1.08949	1.08111	
March 21 2021	261.18884	1.10232	1.10203	1.08964	1.08126	
March 22 2021	261.22458	1.10247	1.10218	1.08979	1.08141	
March 23 2021	261.26032	1.10262	1.10233	1.08994	1.08156	
March 24 2021	261.29606	1.10277	1.10248	1.09009	1.08171	
March 25 2021	261.33181	1.10292	1.10263	1.09024	1.08185	
March 26 2021	261.36755	1.10308	1.10278	1.09039	1.08200	
March 27 2021	261.40329	1.10323	1.10293	1.09054	1.08215	
March 28 2021	261.43903	1.10338	1.10309	1.09069	1.08230	
March 29 2021	261.47477	1.10353	1.10324	1.09084	1.08245	
March 30 2021	261.51052	1.10368	1.10339	1.09098	1.08259	
March 31 2021	261.54626	1.10383	1.10354	1.09113	1.08274	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-7/8% 30-Year TIPS TIPS of February 2047 912810RW0 February 15, 2017 February 28, 2017 June 30, 2017 October 31, 2017	0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 August 31, 2017 December 29, 2017	0-3/8% 10-Year TIPS Series D-2027 9128282L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017	0-1/2% 10-Year TIPS Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018
Maturity Date: Ref CPI on Dated Date:			February 15, 2047 241.39250	April 15, 2022 243.19553	July 15, 2027 244.61839	January 15, 2028 246.66571
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.07905	1.07105	1.06482	1.05598	
March 2 2021	260.50974	1.07920	1.07119	1.06496	1.05612	
March 3 2021	260.54548	1.07934	1.07134	1.06511	1.05627	
March 4 2021	260.58123	1.07949	1.07149	1.06526	1.05641	
March 5 2021	260.61697	1.07964	1.07164	1.06540	1.05656	
March 6 2021	260.65271	1.07979	1.07178	1.06555	1.05670	
March 7 2021	260.68845	1.07994	1.07193	1.06569	1.05685	
March 8 2021	260.72419	1.08008	1.07208	1.06584	1.05699	
March 9 2021	260.75994	1.08023	1.07222	1.06599	1.05714	
March 10 2021	260.79568	1.08038	1.07237	1.06613	1.05728	
March 11 2021	260.83142	1.08053	1.07252	1.06628	1.05743	
March 12 2021	260.86716	1.08068	1.07266	1.06642	1.05757	
March 13 2021	260.90290	1.08082	1.07281	1.06657	1.05772	
March 14 2021	260.93865	1.08097	1.07296	1.06672	1.05786	
March 15 2021	260.97439	1.08112	1.07311	1.06686	1.05801	
March 16 2021	261.01013	1.08127	1.07325	1.06701	1.05815	
March 17 2021	261.04587	1.08142	1.07340	1.06716	1.05830	
March 18 2021	261.08161	1.08156	1.07355	1.06730	1.05844	
March 19 2021	261.11735	1.08171	1.07369	1.06745	1.05859	
March 20 2021	261.15310	1.08186	1.07384	1.06759	1.05873	
March 21 2021	261.18884	1.08201	1.07399	1.06774	1.05888	
March 22 2021	261.22458	1.08216	1.07413	1.06789	1.05902	
March 23 2021	261.26032	1.08231	1.07428	1.06803	1.05917	
March 24 2021	261.29606	1.08245	1.07443	1.06818	1.05931	
March 25 2021	261.33181	1.08260	1.07457	1.06832	1.05946	
March 26 2021	261.36755	1.08275	1.07472	1.06847	1.05960	
March 27 2021	261.40329	1.08290	1.07487	1.06862	1.05975	
March 28 2021	261.43903	1.08305	1.07502	1.06876	1.05989	
March 29 2021	261.47477	1.08319	1.07516	1.06891	1.06004	
March 30 2021	261.51052	1.08334	1.07531	1.06906	1.06018	
March 31 2021	261.54626	1.08349	1.07546	1.06920	1.06033	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1% 30-Year TIPS TIPS of February 2048 912810SB5 February 15, 2018 February 28, 2018 June 29, 2018 October 31, 2018	0-5/8% 5-Year TIPS Series X-2023 9128284H0 April 15, 2018 April 30, 2018 August 31, 2018 December 31, 2018	0-3/4% 10-Year TIPS Series D-2028 912828Y38 July 15, 2018 July 31, 2018 September 28, 2018 November 30, 2018	0-7/8% 10-Year TIPS Series A-2029 9128285W6 January 15, 2019 January 31, 2019 March 29, 2019 May 31, 2019
Maturity Date: Ref CPI on Dated Date:			February 15, 2048 246.59650	April 15, 2023 248.39153	July 15, 2028 251.01658	January 15, 2029 252.50248
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.05628	1.04864	1.03768	1.03157	
March 2 2021	260.50974	1.05642	1.04879	1.03782	1.03171	
March 3 2021	260.54548	1.05657	1.04893	1.03796	1.03185	
March 4 2021	260.58123	1.05671	1.04907	1.03810	1.03199	
March 5 2021	260.61697	1.05686	1.04922	1.03825	1.03214	
March 6 2021	260.65271	1.05700	1.04936	1.03839	1.03228	
March 7 2021	260.68845	1.05715	1.04951	1.03853	1.03242	
March 8 2021	260.72419	1.05729	1.04965	1.03867	1.03256	
March 9 2021	260.75994	1.05744	1.04979	1.03882	1.03270	
March 10 2021	260.79568	1.05758	1.04994	1.03896	1.03284	
March 11 2021	260.83142	1.05773	1.05008	1.03910	1.03299	
March 12 2021	260.86716	1.05787	1.05023	1.03924	1.03313	
March 13 2021	260.90290	1.05802	1.05037	1.03939	1.03327	
March 14 2021	260.93865	1.05816	1.05051	1.03953	1.03341	
March 15 2021	260.97439	1.05831	1.05066	1.03967	1.03355	
March 16 2021	261.01013	1.05845	1.05080	1.03981	1.03369	
March 17 2021	261.04587	1.05860	1.05095	1.03995	1.03383	
March 18 2021	261.08161	1.05874	1.05109	1.04010	1.03398	
March 19 2021	261.11735	1.05889	1.05123	1.04024	1.03412	
March 20 2021	261.15310	1.05903	1.05138	1.04038	1.03426	
March 21 2021	261.18884	1.05917	1.05152	1.04052	1.03440	
March 22 2021	261.22458	1.05932	1.05166	1.04067	1.03454	
March 23 2021	261.26032	1.05946	1.05181	1.04081	1.03468	
March 24 2021	261.29606	1.05961	1.05195	1.04095	1.03483	
March 25 2021	261.33181	1.05975	1.05210	1.04109	1.03497	
March 26 2021	261.36755	1.05990	1.05224	1.04124	1.03511	
March 27 2021	261.40329	1.06004	1.05238	1.04138	1.03525	
March 28 2021	261.43903	1.06019	1.05253	1.04152	1.03539	
March 29 2021	261.47477	1.06033	1.05267	1.04166	1.03553	
March 30 2021	261.51052	1.06048	1.05282	1.04181	1.03568	
March 31 2021	261.54626	1.06062	1.05296	1.04195	1.03582	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1% 30-Year TIPS TIPS of February 2049 912810SG4 February 15, 2019 February 28, 2019 August 30, 2019	0-1/2% 5-Year TIPS Series X-2024 9128286N5 April 15, 2019 April 30, 2019 June 28, 2019	0-1/4% 10-Year TIPS Series D-2029 9128287D6 July 15, 2019 July 31, 2019 September 30, 2019 November 29, 2019	0-1/8% 5-Year TIPS Series AE-2024 912828YL8 October 15, 2019 October 31, 2019 December 31, 2019
Maturity Date: Ref CPI on Dated Date:			February 15, 2049 251.63550	April 15, 2024 252.20853	July 15, 2029 255.79368	October 15, 2024 256.56513
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.03512	1.03277	1.01830	1.01524	
March 2 2021	260.50974	1.03527	1.03291	1.01844	1.01537	
March 3 2021	260.54548	1.03541	1.03306	1.01858	1.01551	
March 4 2021	260.58123	1.03555	1.03320	1.01872	1.01565	
March 5 2021	260.61697	1.03569	1.03334	1.01886	1.01579	
March 6 2021	260.65271	1.03583	1.03348	1.01900	1.01593	
March 7 2021	260.68845	1.03598	1.03362	1.01914	1.01607	
March 8 2021	260.72419	1.03612	1.03376	1.01928	1.01621	
March 9 2021	260.75994	1.03626	1.03391	1.01942	1.01635	
March 10 2021	260.79568	1.03640	1.03405	1.01955	1.01649	
March 11 2021	260.83142	1.03654	1.03419	1.01969	1.01663	
March 12 2021	260.86716	1.03669	1.03433	1.01983	1.01677	
March 13 2021	260.90290	1.03683	1.03447	1.01997	1.01691	
March 14 2021	260.93865	1.03697	1.03461	1.02011	1.01705	
March 15 2021	260.97439	1.03711	1.03476	1.02025	1.01719	
March 16 2021	261.01013	1.03725	1.03490	1.02039	1.01733	
March 17 2021	261.04587	1.03740	1.03504	1.02053	1.01746	
March 18 2021	261.08161	1.03754	1.03518	1.02067	1.01760	
March 19 2021	261.11735	1.03768	1.03532	1.02081	1.01774	
March 20 2021	261.15310	1.03782	1.03546	1.02095	1.01788	
March 21 2021	261.18884	1.03796	1.03561	1.02109	1.01802	
March 22 2021	261.22458	1.03811	1.03575	1.02123	1.01816	
March 23 2021	261.26032	1.03825	1.03589	1.02137	1.01830	
March 24 2021	261.29606	1.03839	1.03603	1.02151	1.01844	
March 25 2021	261.33181	1.03853	1.03617	1.02165	1.01858	
March 26 2021	261.36755	1.03868	1.03632	1.02179	1.01872	
March 27 2021	261.40329	1.03882	1.03646	1.02193	1.01886	
March 28 2021	261.43903	1.03896	1.03660	1.02207	1.01900	
March 29 2021	261.47477	1.03910	1.03674	1.02221	1.01914	
March 30 2021	261.51052	1.03924	1.03688	1.02235	1.01928	
March 31 2021	261.54626	1.03939	1.03702	1.02249	1.01941	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/8% 10-Year TIPS Series A-2030 912828Z37 January 15, 2020 January 31, 2020 March 31, 2020 May 29, 2020	0-1/4% 30-Year TIPS TIPS of February 2050 912810SM1 February 15, 2020 February 28, 2020 August 31, 2020	0-1/8% 5-Year TIPS Series X-2025 912828ZJ2 April 15, 2020 April 30, 2020 June 30, 2020 July 13, 2020	0-1/8% 10-Year TIPS Series D-2030 912828ZZ6 July 15, 2020 July 31, 2020 September 30, 2020 November 30, 2020
Maturity Date: Ref CPI on Dated Date:			January 15, 2030 257.28368	February 15, 2050 257.09503	April 15, 2025 258.30093	July 15, 2030 256.39126
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2021	260.47400	1.01240	1.01314	1.00841	1.01592	
March 2 2021	260.50974	1.01254	1.01328	1.00855	1.01606	
March 3 2021	260.54548	1.01268	1.01342	1.00869	1.01620	
March 4 2021	260.58123	1.01282	1.01356	1.00883	1.01634	
March 5 2021	260.61697	1.01296	1.01370	1.00897	1.01648	
March 6 2021	260.65271	1.01309	1.01384	1.00910	1.01662	
March 7 2021	260.68845	1.01323	1.01398	1.00924	1.01676	
March 8 2021	260.72419	1.01337	1.01412	1.00938	1.01690	
March 9 2021	260.75994	1.01351	1.01426	1.00952	1.01704	
March 10 2021	260.79568	1.01365	1.01439	1.00966	1.01718	
March 11 2021	260.83142	1.01379	1.01453	1.00980	1.01732	
March 12 2021	260.86716	1.01393	1.01467	1.00994	1.01746	
March 13 2021	260.90290	1.01407	1.01481	1.01007	1.01760	
March 14 2021	260.93865	1.01421	1.01495	1.01021	1.01774	
March 15 2021	260.97439	1.01434	1.01509	1.01035	1.01788	
March 16 2021	261.01013	1.01448	1.01523	1.01049	1.01801	
March 17 2021	261.04587	1.01462	1.01537	1.01063	1.01815	
March 18 2021	261.08161	1.01476	1.01551	1.01077	1.01829	
March 19 2021	261.11735	1.01490	1.01565	1.01090	1.01843	
March 20 2021	261.15310	1.01504	1.01578	1.01104	1.01857	
March 21 2021	261.18884	1.01518	1.01592	1.01118	1.01871	
March 22 2021	261.22458	1.01532	1.01606	1.01132	1.01885	
March 23 2021	261.26032	1.01546	1.01620	1.01146	1.01899	
March 24 2021	261.29606	1.01560	1.01634	1.01160	1.01913	
March 25 2021	261.33181	1.01573	1.01648	1.01173	1.01927	
March 26 2021	261.36755	1.01587	1.01662	1.01187	1.01941	
March 27 2021	261.40329	1.01601	1.01676	1.01201	1.01955	
March 28 2021	261.43903	1.01615	1.01690	1.01215	1.01969	
March 29 2021	261.47477	1.01629	1.01704	1.01229	1.01983	
March 30 2021	261.51052	1.01643	1.01717	1.01243	1.01997	
March 31 2021	261.54626	1.01657	1.01731	1.01256	1.02011	
CPI-U (NSA) for:	November 2020	260.229	December 2020	260.474	January 2021	261.582

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
March 2021

Security:			0-1/8% 5-Year TIPS	0-1/8% 10-Year TIPS		
Description:			Series AE-2025	Series A-2031		
CUSIP Number:			91282CAQ4	91282CBF7		
Dated Date:			October 15, 2020	January 15, 2021		
Original Issue Date:			October 30, 2020	January 29, 2021		
Additional Issue Date(s):			December 31, 2020			
Maturity Date:			October 15, 2025	January 15, 2031		
Ref CPI on Dated Date:			259.46997	260.31619		
Date			Ref CPI	Index Ratio	Index Ratio	
March	1	2021	260.47400	1.00387	1.00061	
March	2	2021	260.50974	1.00401	1.00074	
March	3	2021	260.54548	1.00415	1.00088	
March	4	2021	260.58123	1.00428	1.00102	
March	5	2021	260.61697	1.00442	1.00116	
March	6	2021	260.65271	1.00456	1.00129	
March	7	2021	260.68845	1.00470	1.00143	
March	8	2021	260.72419	1.00483	1.00157	
March	9	2021	260.75994	1.00497	1.00170	
March	10	2021	260.79568	1.00511	1.00184	
March	11	2021	260.83142	1.00525	1.00198	
March	12	2021	260.86716	1.00538	1.00212	
March	13	2021	260.90290	1.00552	1.00225	
March	14	2021	260.93865	1.00566	1.00239	
March	15	2021	260.97439	1.00580	1.00253	
March	16	2021	261.01013	1.00594	1.00267	
March	17	2021	261.04587	1.00607	1.00280	
March	18	2021	261.08161	1.00621	1.00294	
March	19	2021	261.11735	1.00635	1.00308	
March	20	2021	261.15310	1.00649	1.00321	
March	21	2021	261.18884	1.00662	1.00335	
March	22	2021	261.22458	1.00676	1.00349	
March	23	2021	261.26032	1.00690	1.00363	
March	24	2021	261.29606	1.00704	1.00376	
March	25	2021	261.33181	1.00718	1.00390	
March	26	2021	261.36755	1.00731	1.00404	
March	27	2021	261.40329	1.00745	1.00418	
March	28	2021	261.43903	1.00759	1.00431	
March	29	2021	261.47477	1.00773	1.00445	
March	30	2021	261.51052	1.00786	1.00459	
March	31	2021	261.54626	1.00800	1.00473	
CPI-U (NSA) for:			November 2020	260.229	December 2020	260.474
					January 2021	261.582