

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.60893	1.58297	1.46608	1.38055	
February 2 2021	260.23775	1.60899	1.58302	1.46613	1.38060	
February 3 2021	260.24650	1.60904	1.58307	1.46618	1.38064	
February 4 2021	260.25525	1.60910	1.58313	1.46623	1.38069	
February 5 2021	260.26400	1.60915	1.58318	1.46628	1.38073	
February 6 2021	260.27275	1.60920	1.58323	1.46633	1.38078	
February 7 2021	260.28150	1.60926	1.58329	1.46637	1.38083	
February 8 2021	260.29025	1.60931	1.58334	1.46642	1.38087	
February 9 2021	260.29900	1.60937	1.58339	1.46647	1.38092	
February 10 2021	260.30775	1.60942	1.58344	1.46652	1.38097	
February 11 2021	260.31650	1.60948	1.58350	1.46657	1.38101	
February 12 2021	260.32525	1.60953	1.58355	1.46662	1.38106	
February 13 2021	260.33400	1.60958	1.58360	1.46667	1.38111	
February 14 2021	260.34275	1.60964	1.58366	1.46672	1.38115	
February 15 2021	260.35150	1.60969	1.58371	1.46677	1.38120	
February 16 2021	260.36025	1.60975	1.58376	1.46682	1.38125	
February 17 2021	260.36900	1.60980	1.58382	1.46687	1.38129	
February 18 2021	260.37775	1.60985	1.58387	1.46692	1.38134	
February 19 2021	260.38650	1.60991	1.58392	1.46697	1.38138	
February 20 2021	260.39525	1.60996	1.58398	1.46702	1.38143	
February 21 2021	260.40400	1.61002	1.58403	1.46706	1.38148	
February 22 2021	260.41275	1.61007	1.58408	1.46711	1.38152	
February 23 2021	260.42150	1.61012	1.58414	1.46716	1.38157	
February 24 2021	260.43025	1.61018	1.58419	1.46721	1.38162	
February 25 2021	260.43900	1.61023	1.58424	1.46726	1.38166	
February 26 2021	260.44775	1.61029	1.58430	1.46731	1.38171	
February 27 2021	260.45650	1.61034	1.58435	1.46736	1.38176	
February 28 2021	260.46525	1.61039	1.58440	1.46741	1.38180	
<b>CPI-U (NSA) for:</b>			<b>October 2020 260.388</b>	<b>November 2020 260.229</b>	<b>December 2020 260.474</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.31113	1.29041	1.24216	1.21206	
February 2 2021	260.23775	1.31117	1.29045	1.24221	1.21210	
February 3 2021	260.24650	1.31121	1.29049	1.24225	1.21214	
February 4 2021	260.25525	1.31126	1.29054	1.24229	1.21218	
February 5 2021	260.26400	1.31130	1.29058	1.24233	1.21222	
February 6 2021	260.27275	1.31135	1.29062	1.24237	1.21226	
February 7 2021	260.28150	1.31139	1.29067	1.24241	1.21230	
February 8 2021	260.29025	1.31144	1.29071	1.24246	1.21235	
February 9 2021	260.29900	1.31148	1.29075	1.24250	1.21239	
February 10 2021	260.30775	1.31152	1.29080	1.24254	1.21243	
February 11 2021	260.31650	1.31157	1.29084	1.24258	1.21247	
February 12 2021	260.32525	1.31161	1.29088	1.24262	1.21251	
February 13 2021	260.33400	1.31166	1.29093	1.24267	1.21255	
February 14 2021	260.34275	1.31170	1.29097	1.24271	1.21259	
February 15 2021	260.35150	1.31174	1.29101	1.24275	1.21263	
February 16 2021	260.36025	1.31179	1.29106	1.24279	1.21267	
February 17 2021	260.36900	1.31183	1.29110	1.24283	1.21271	
February 18 2021	260.37775	1.31188	1.29114	1.24287	1.21275	
February 19 2021	260.38650	1.31192	1.29119	1.24292	1.21279	
February 20 2021	260.39525	1.31196	1.29123	1.24296	1.21283	
February 21 2021	260.40400	1.31201	1.29127	1.24300	1.21288	
February 22 2021	260.41275	1.31205	1.29132	1.24304	1.21292	
February 23 2021	260.42150	1.31210	1.29136	1.24308	1.21296	
February 24 2021	260.43025	1.31214	1.29140	1.24312	1.21300	
February 25 2021	260.43900	1.31218	1.29145	1.24317	1.21304	
February 26 2021	260.44775	1.31223	1.29149	1.24321	1.21308	
February 27 2021	260.45650	1.31227	1.29153	1.24325	1.21312	
February 28 2021	260.46525	1.31232	1.29158	1.24329	1.21316	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

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

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February	1	2021	260.22900	1.20399	1.18831	1.15460	1.14975	
February	2	2021	260.23775	1.20403	1.18835	1.15464	1.14979	
February	3	2021	260.24650	1.20407	1.18839	1.15468	1.14983	
February	4	2021	260.25525	1.20411	1.18843	1.15472	1.14987	
February	5	2021	260.26400	1.20415	1.18847	1.15476	1.14991	
February	6	2021	260.27275	1.20419	1.18851	1.15480	1.14995	
February	7	2021	260.28150	1.20423	1.18855	1.15484	1.14999	
February	8	2021	260.29025	1.20427	1.18859	1.15488	1.15002	
February	9	2021	260.29900	1.20431	1.18863	1.15491	1.15006	
February	10	2021	260.30775	1.20435	1.18867	1.15495	1.15010	
February	11	2021	260.31650	1.20439	1.18871	1.15499	1.15014	
February	12	2021	260.32525	1.20443	1.18875	1.15503	1.15018	
February	13	2021	260.33400	1.20447	1.18879	1.15507	1.15022	
February	14	2021	260.34275	1.20451	1.18883	1.15511	1.15026	
February	15	2021	260.35150	1.20455	1.18887	1.15515	1.15029	
February	16	2021	260.36025	1.20459	1.18891	1.15519	1.15033	
February	17	2021	260.36900	1.20463	1.18895	1.15522	1.15037	
February	18	2021	260.37775	1.20467	1.18899	1.15526	1.15041	
February	19	2021	260.38650	1.20472	1.18903	1.15530	1.15045	
February	20	2021	260.39525	1.20476	1.18907	1.15534	1.15049	
February	21	2021	260.40400	1.20480	1.18911	1.15538	1.15053	
February	22	2021	260.41275	1.20484	1.18915	1.15542	1.15056	
February	23	2021	260.42150	1.20488	1.18919	1.15546	1.15060	
February	24	2021	260.43025	1.20492	1.18923	1.15550	1.15064	
February	25	2021	260.43900	1.20496	1.18927	1.15554	1.15068	
February	26	2021	260.44775	1.20500	1.18931	1.15557	1.15072	
February	27	2021	260.45650	1.20504	1.18935	1.15561	1.15076	
February	28	2021	260.46525	1.20508	1.18939	1.15565	1.15080	
<b>CPI-U (NSA) for:</b>			<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

<b>Security:</b>	<b>2-1/8% 30-Year TIPS</b>	<b>2-1/8% 30-Year TIPS</b>	<b>0-5/8% 10-Year TIPS</b>	<b>0-1/8% 10-Year TIPS</b>
<b>Description:</b>	<b>TIPS of February 2040</b>	<b>TIPS of February 2041</b>	<b>Series D-2021</b>	<b>Series A-2022</b>
<b>CUSIP Number:</b>	<b>912810QF8</b>	<b>912810QP6</b>	<b>912828QV5</b>	<b>912828SA9</b>
<b>Dated Date:</b>	<b>February 15, 2010</b>	<b>February 15, 2011</b>	<b>July 15, 2011</b>	<b>January 15, 2012</b>
<b>Original Issue Date:</b>	<b>February 26, 2010</b>	<b>February 28, 2011</b>	<b>July 29, 2011</b>	<b>January 31, 2012</b>
<b>Additional Issue Date(s):</b>	<b>August 31, 2010</b>	<b>June 30, 2011</b> <b>October 31, 2011</b>	<b>September 30, 2011</b> <b>November 30, 2011</b>	<b>March 30, 2012</b> <b>May 31, 2012</b>
<b>Maturity Date:</b>	<b>February 15, 2040</b>	<b>February 15, 2041</b>	<b>July 15, 2021</b>	<b>January 15, 2022</b>
<b>Ref CPI on Dated Date:</b>	<b>216.13950</b>	<b>218.99100</b>	<b>225.38381</b>	<b>226.33474</b>

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

<b>Security:</b>			<b>0-3/4% 30-Year TIPS</b>	<b>0-1/8% 10-Year TIPS</b>	<b>0-1/8% 10-Year TIPS</b>	<b>0-5/8% 30-Year TIPS</b>
<b>Description:</b>			<b>TIPS of February 2042</b>	<b>Series D-2022</b>	<b>Series A-2023</b>	<b>TIPS of February 2043</b>
<b>CUSIP Number:</b>			<b>912810QV3</b>	<b>912828TE0</b>	<b>912828UH1</b>	<b>912810RA8</b>
<b>Dated Date:</b>			<b>February 15, 2012</b>	<b>July 15, 2012</b>	<b>January 15, 2013</b>	<b>February 15, 2013</b>
<b>Original Issue Date:</b>			<b>February 29, 2012</b>	<b>July 31, 2012</b>	<b>January 31, 2013</b>	<b>February 28, 2013</b>
<b>Additional Issue Date(s):</b>			<b>June 29, 2012</b> <b>October 31, 2012</b>	<b>September 28, 2012</b> <b>November 30, 2012</b>	<b>March 28, 2013</b> <b>May 31, 2013</b>	<b>June 28, 2013</b> <b>October 31, 2013</b>
<b>Maturity Date:</b>			<b>February 15, 2042</b>	<b>July 15, 2022</b>	<b>January 15, 2023</b>	<b>February 15, 2043</b>
<b>Ref CPI on Dated Date:</b>			<b>225.96062</b>	<b>229.96306</b>	<b>230.82203</b>	<b>229.91100</b>
<b>Date</b>	<b>Ref CPI</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	
February 1 2021	260.22900	1.15166	1.13161	1.12740	1.13187	
February 2 2021	260.23775	1.15170	1.13165	1.12744	1.13191	
February 3 2021	260.24650	1.15173	1.13169	1.12748	1.13194	
February 4 2021	260.25525	1.15177	1.13173	1.12751	1.13198	
February 5 2021	260.26400	1.15181	1.13176	1.12755	1.13202	
February 6 2021	260.27275	1.15185	1.13180	1.12759	1.13206	
February 7 2021	260.28150	1.15189	1.13184	1.12763	1.13210	
February 8 2021	260.29025	1.15193	1.13188	1.12767	1.13213	
February 9 2021	260.29900	1.15197	1.13192	1.12770	1.13217	
February 10 2021	260.30775	1.15200	1.13195	1.12774	1.13221	
February 11 2021	260.31650	1.15204	1.13199	1.12778	1.13225	
February 12 2021	260.32525	1.15208	1.13203	1.12782	1.13229	
February 13 2021	260.33400	1.15212	1.13207	1.12786	1.13233	
February 14 2021	260.34275	1.15216	1.13211	1.12789	1.13236	
February 15 2021	260.35150	1.15220	1.13214	1.12793	1.13240	
February 16 2021	260.36025	1.15224	1.13218	1.12797	1.13244	
February 17 2021	260.36900	1.15228	1.13222	1.12801	1.13248	
February 18 2021	260.37775	1.15231	1.13226	1.12805	1.13252	
February 19 2021	260.38650	1.15235	1.13230	1.12808	1.13255	
February 20 2021	260.39525	1.15239	1.13234	1.12812	1.13259	
February 21 2021	260.40400	1.15243	1.13237	1.12816	1.13263	
February 22 2021	260.41275	1.15247	1.13241	1.12820	1.13267	
February 23 2021	260.42150	1.15251	1.13245	1.12824	1.13271	
February 24 2021	260.43025	1.15255	1.13249	1.12827	1.13274	
February 25 2021	260.43900	1.15259	1.13253	1.12831	1.13278	
February 26 2021	260.44775	1.15262	1.13256	1.12835	1.13282	
February 27 2021	260.45650	1.15266	1.13260	1.12839	1.13286	
February 28 2021	260.46525	1.15270	1.13264	1.12842	1.13290	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.11822	1.11528	1.11658	1.09595	
February 2 2021	260.23775	1.11825	1.11532	1.11662	1.09599	
February 3 2021	260.24650	1.11829	1.11536	1.11666	1.09602	
February 4 2021	260.25525	1.11833	1.11539	1.11669	1.09606	
February 5 2021	260.26400	1.11837	1.11543	1.11673	1.09610	
February 6 2021	260.27275	1.11840	1.11547	1.11677	1.09613	
February 7 2021	260.28150	1.11844	1.11551	1.11681	1.09617	
February 8 2021	260.29025	1.11848	1.11554	1.11684	1.09621	
February 9 2021	260.29900	1.11852	1.11558	1.11688	1.09625	
February 10 2021	260.30775	1.11855	1.11562	1.11692	1.09628	
February 11 2021	260.31650	1.11859	1.11566	1.11696	1.09632	
February 12 2021	260.32525	1.11863	1.11569	1.11699	1.09636	
February 13 2021	260.33400	1.11867	1.11573	1.11703	1.09639	
February 14 2021	260.34275	1.11870	1.11577	1.11707	1.09643	
February 15 2021	260.35150	1.11874	1.11581	1.11711	1.09647	
February 16 2021	260.36025	1.11878	1.11584	1.11714	1.09650	
February 17 2021	260.36900	1.11882	1.11588	1.11718	1.09654	
February 18 2021	260.37775	1.11886	1.11592	1.11722	1.09658	
February 19 2021	260.38650	1.11889	1.11596	1.11726	1.09661	
February 20 2021	260.39525	1.11893	1.11599	1.11729	1.09665	
February 21 2021	260.40400	1.11897	1.11603	1.11733	1.09669	
February 22 2021	260.41275	1.11901	1.11607	1.11737	1.09672	
February 23 2021	260.42150	1.11904	1.11611	1.11741	1.09676	
February 24 2021	260.43025	1.11908	1.11614	1.11744	1.09680	
February 25 2021	260.43900	1.11912	1.11618	1.11748	1.09683	
February 26 2021	260.44775	1.11916	1.11622	1.11752	1.09687	
February 27 2021	260.45650	1.11919	1.11626	1.11756	1.09691	
February 28 2021	260.46525	1.11923	1.11629	1.11759	1.09695	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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 February 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	
February 1 2021	260.22900	1.09869	1.10509	1.09735	1.09519	
February 2 2021	260.23775	1.09873	1.10513	1.09738	1.09522	
February 3 2021	260.24650	1.09876	1.10517	1.09742	1.09526	
February 4 2021	260.25525	1.09880	1.10520	1.09746	1.09530	
February 5 2021	260.26400	1.09884	1.10524	1.09750	1.09534	
February 6 2021	260.27275	1.09887	1.10528	1.09753	1.09537	
February 7 2021	260.28150	1.09891	1.10532	1.09757	1.09541	
February 8 2021	260.29025	1.09895	1.10535	1.09761	1.09545	
February 9 2021	260.29900	1.09898	1.10539	1.09764	1.09548	
February 10 2021	260.30775	1.09902	1.10543	1.09768	1.09552	
February 11 2021	260.31650	1.09906	1.10546	1.09772	1.09556	
February 12 2021	260.32525	1.09910	1.10550	1.09775	1.09559	
February 13 2021	260.33400	1.09913	1.10554	1.09779	1.09563	
February 14 2021	260.34275	1.09917	1.10558	1.09783	1.09567	
February 15 2021	260.35150	1.09921	1.10561	1.09786	1.09570	
February 16 2021	260.36025	1.09924	1.10565	1.09790	1.09574	
February 17 2021	260.36900	1.09928	1.10569	1.09794	1.09578	
February 18 2021	260.37775	1.09932	1.10572	1.09797	1.09581	
February 19 2021	260.38650	1.09935	1.10576	1.09801	1.09585	
February 20 2021	260.39525	1.09939	1.10580	1.09805	1.09589	
February 21 2021	260.40400	1.09943	1.10584	1.09809	1.09592	
February 22 2021	260.41275	1.09947	1.10587	1.09812	1.09596	
February 23 2021	260.42150	1.09950	1.10591	1.09816	1.09600	
February 24 2021	260.43025	1.09954	1.10595	1.09820	1.09603	
February 25 2021	260.43900	1.09958	1.10598	1.09823	1.09607	
February 26 2021	260.44775	1.09961	1.10602	1.09827	1.09611	
February 27 2021	260.45650	1.09965	1.10606	1.09831	1.09615	
February 28 2021	260.46525	1.09969	1.10610	1.09834	1.09618	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.09827	1.09798	1.08564	1.07729	
February 2 2021	260.23775	1.09831	1.09802	1.08568	1.07732	
February 3 2021	260.24650	1.09834	1.09805	1.08571	1.07736	
February 4 2021	260.25525	1.09838	1.09809	1.08575	1.07740	
February 5 2021	260.26400	1.09842	1.09813	1.08578	1.07743	
February 6 2021	260.27275	1.09845	1.09816	1.08582	1.07747	
February 7 2021	260.28150	1.09849	1.09820	1.08586	1.07751	
February 8 2021	260.29025	1.09853	1.09824	1.08589	1.07754	
February 9 2021	260.29900	1.09857	1.09828	1.08593	1.07758	
February 10 2021	260.30775	1.09860	1.09831	1.08597	1.07761	
February 11 2021	260.31650	1.09864	1.09835	1.08600	1.07765	
February 12 2021	260.32525	1.09868	1.09839	1.08604	1.07769	
February 13 2021	260.33400	1.09871	1.09842	1.08608	1.07772	
February 14 2021	260.34275	1.09875	1.09846	1.08611	1.07776	
February 15 2021	260.35150	1.09879	1.09850	1.08615	1.07780	
February 16 2021	260.36025	1.09882	1.09853	1.08619	1.07783	
February 17 2021	260.36900	1.09886	1.09857	1.08622	1.07787	
February 18 2021	260.37775	1.09890	1.09861	1.08626	1.07790	
February 19 2021	260.38650	1.09893	1.09864	1.08630	1.07794	
February 20 2021	260.39525	1.09897	1.09868	1.08633	1.07798	
February 21 2021	260.40400	1.09901	1.09872	1.08637	1.07801	
February 22 2021	260.41275	1.09905	1.09876	1.08641	1.07805	
February 23 2021	260.42150	1.09908	1.09879	1.08644	1.07809	
February 24 2021	260.43025	1.09912	1.09883	1.08648	1.07812	
February 25 2021	260.43900	1.09916	1.09887	1.08651	1.07816	
February 26 2021	260.44775	1.09919	1.09890	1.08655	1.07819	
February 27 2021	260.45650	1.09923	1.09894	1.08659	1.07823	
February 28 2021	260.46525	1.09927	1.09898	1.08662	1.07827	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.07803	1.07004	1.06382	1.05499	
February 2 2021	260.23775	1.07807	1.07008	1.06385	1.05502	
February 3 2021	260.24650	1.07811	1.07011	1.06389	1.05506	
February 4 2021	260.25525	1.07814	1.07015	1.06392	1.05509	
February 5 2021	260.26400	1.07818	1.07018	1.06396	1.05513	
February 6 2021	260.27275	1.07821	1.07022	1.06400	1.05516	
February 7 2021	260.28150	1.07825	1.07026	1.06403	1.05520	
February 8 2021	260.29025	1.07829	1.07029	1.06407	1.05523	
February 9 2021	260.29900	1.07832	1.07033	1.06410	1.05527	
February 10 2021	260.30775	1.07836	1.07036	1.06414	1.05531	
February 11 2021	260.31650	1.07840	1.07040	1.06417	1.05534	
February 12 2021	260.32525	1.07843	1.07044	1.06421	1.05538	
February 13 2021	260.33400	1.07847	1.07047	1.06425	1.05541	
February 14 2021	260.34275	1.07850	1.07051	1.06428	1.05545	
February 15 2021	260.35150	1.07854	1.07054	1.06432	1.05548	
February 16 2021	260.36025	1.07858	1.07058	1.06435	1.05552	
February 17 2021	260.36900	1.07861	1.07062	1.06439	1.05555	
February 18 2021	260.37775	1.07865	1.07065	1.06442	1.05559	
February 19 2021	260.38650	1.07869	1.07069	1.06446	1.05563	
February 20 2021	260.39525	1.07872	1.07072	1.06450	1.05566	
February 21 2021	260.40400	1.07876	1.07076	1.06453	1.05570	
February 22 2021	260.41275	1.07879	1.07080	1.06457	1.05573	
February 23 2021	260.42150	1.07883	1.07083	1.06460	1.05577	
February 24 2021	260.43025	1.07887	1.07087	1.06464	1.05580	
February 25 2021	260.43900	1.07890	1.07090	1.06467	1.05584	
February 26 2021	260.44775	1.07894	1.07094	1.06471	1.05587	
February 27 2021	260.45650	1.07898	1.07098	1.06475	1.05591	
February 28 2021	260.46525	1.07901	1.07101	1.06478	1.05594	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>



**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.05528	1.04766	1.03670	1.03060	
February 2 2021	260.23775	1.05532	1.04769	1.03674	1.03063	
February 3 2021	260.24650	1.05535	1.04773	1.03677	1.03067	
February 4 2021	260.25525	1.05539	1.04776	1.03681	1.03070	
February 5 2021	260.26400	1.05542	1.04780	1.03684	1.03074	
February 6 2021	260.27275	1.05546	1.04783	1.03687	1.03077	
February 7 2021	260.28150	1.05550	1.04787	1.03691	1.03081	
February 8 2021	260.29025	1.05553	1.04790	1.03694	1.03084	
February 9 2021	260.29900	1.05557	1.04794	1.03698	1.03088	
February 10 2021	260.30775	1.05560	1.04797	1.03701	1.03091	
February 11 2021	260.31650	1.05564	1.04801	1.03705	1.03095	
February 12 2021	260.32525	1.05567	1.04804	1.03708	1.03098	
February 13 2021	260.33400	1.05571	1.04808	1.03712	1.03102	
February 14 2021	260.34275	1.05574	1.04811	1.03715	1.03105	
February 15 2021	260.35150	1.05578	1.04815	1.03719	1.03108	
February 16 2021	260.36025	1.05581	1.04818	1.03722	1.03112	
February 17 2021	260.36900	1.05585	1.04822	1.03726	1.03115	
February 18 2021	260.37775	1.05589	1.04826	1.03729	1.03119	
February 19 2021	260.38650	1.05592	1.04829	1.03733	1.03122	
February 20 2021	260.39525	1.05596	1.04833	1.03736	1.03126	
February 21 2021	260.40400	1.05599	1.04836	1.03740	1.03129	
February 22 2021	260.41275	1.05603	1.04840	1.03743	1.03133	
February 23 2021	260.42150	1.05606	1.04843	1.03747	1.03136	
February 24 2021	260.43025	1.05610	1.04847	1.03750	1.03140	
February 25 2021	260.43900	1.05613	1.04850	1.03754	1.03143	
February 26 2021	260.44775	1.05617	1.04854	1.03757	1.03147	
February 27 2021	260.45650	1.05621	1.04857	1.03761	1.03150	
February 28 2021	260.46525	1.05624	1.04861	1.03764	1.03154	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.03415	1.03180	1.01734	1.01428	
February 2 2021	260.23775	1.03419	1.03184	1.01737	1.01431	
February 3 2021	260.24650	1.03422	1.03187	1.01741	1.01435	
February 4 2021	260.25525	1.03425	1.03191	1.01744	1.01438	
February 5 2021	260.26400	1.03429	1.03194	1.01748	1.01442	
February 6 2021	260.27275	1.03432	1.03197	1.01751	1.01445	
February 7 2021	260.28150	1.03436	1.03201	1.01754	1.01449	
February 8 2021	260.29025	1.03439	1.03204	1.01758	1.01452	
February 9 2021	260.29900	1.03443	1.03208	1.01761	1.01455	
February 10 2021	260.30775	1.03446	1.03211	1.01765	1.01459	
February 11 2021	260.31650	1.03450	1.03215	1.01768	1.01462	
February 12 2021	260.32525	1.03453	1.03218	1.01772	1.01466	
February 13 2021	260.33400	1.03457	1.03222	1.01775	1.01469	
February 14 2021	260.34275	1.03460	1.03225	1.01778	1.01472	
February 15 2021	260.35150	1.03464	1.03229	1.01782	1.01476	
February 16 2021	260.36025	1.03467	1.03232	1.01785	1.01479	
February 17 2021	260.36900	1.03471	1.03236	1.01789	1.01483	
February 18 2021	260.37775	1.03474	1.03239	1.01792	1.01486	
February 19 2021	260.38650	1.03478	1.03243	1.01796	1.01489	
February 20 2021	260.39525	1.03481	1.03246	1.01799	1.01493	
February 21 2021	260.40400	1.03485	1.03249	1.01802	1.01496	
February 22 2021	260.41275	1.03488	1.03253	1.01806	1.01500	
February 23 2021	260.42150	1.03492	1.03256	1.01809	1.01503	
February 24 2021	260.43025	1.03495	1.03260	1.01813	1.01506	
February 25 2021	260.43900	1.03499	1.03263	1.01816	1.01510	
February 26 2021	260.44775	1.03502	1.03267	1.01819	1.01513	
February 27 2021	260.45650	1.03505	1.03270	1.01823	1.01517	
February 28 2021	260.46525	1.03509	1.03274	1.01826	1.01520	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 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	
February 1 2021	260.22900	1.01145	1.01219	1.00746	1.01497	
February 2 2021	260.23775	1.01148	1.01222	1.00750	1.01500	
February 3 2021	260.24650	1.01152	1.01226	1.00753	1.01504	
February 4 2021	260.25525	1.01155	1.01229	1.00757	1.01507	
February 5 2021	260.26400	1.01158	1.01233	1.00760	1.01510	
February 6 2021	260.27275	1.01162	1.01236	1.00763	1.01514	
February 7 2021	260.28150	1.01165	1.01239	1.00767	1.01517	
February 8 2021	260.29025	1.01169	1.01243	1.00770	1.01521	
February 9 2021	260.29900	1.01172	1.01246	1.00774	1.01524	
February 10 2021	260.30775	1.01175	1.01250	1.00777	1.01528	
February 11 2021	260.31650	1.01179	1.01253	1.00780	1.01531	
February 12 2021	260.32525	1.01182	1.01256	1.00784	1.01534	
February 13 2021	260.33400	1.01186	1.01260	1.00787	1.01538	
February 14 2021	260.34275	1.01189	1.01263	1.00790	1.01541	
February 15 2021	260.35150	1.01192	1.01267	1.00794	1.01545	
February 16 2021	260.36025	1.01196	1.01270	1.00797	1.01548	
February 17 2021	260.36900	1.01199	1.01273	1.00801	1.01551	
February 18 2021	260.37775	1.01203	1.01277	1.00804	1.01555	
February 19 2021	260.38650	1.01206	1.01280	1.00807	1.01558	
February 20 2021	260.39525	1.01209	1.01284	1.00811	1.01562	
February 21 2021	260.40400	1.01213	1.01287	1.00814	1.01565	
February 22 2021	260.41275	1.01216	1.01290	1.00818	1.01568	
February 23 2021	260.42150	1.01220	1.01294	1.00821	1.01572	
February 24 2021	260.43025	1.01223	1.01297	1.00824	1.01575	
February 25 2021	260.43900	1.01226	1.01301	1.00828	1.01579	
February 26 2021	260.44775	1.01230	1.01304	1.00831	1.01582	
February 27 2021	260.45650	1.01233	1.01307	1.00835	1.01586	
February 28 2021	260.46525	1.01237	1.01311	1.00838	1.01589	
<b>CPI-U (NSA) for:</b>	<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>

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

<b>Security:</b> <b>Description:</b> <b>CUSIP Number:</b> <b>Dated Date:</b> <b>Original Issue Date:</b> <b>Additional Issue Date(s):</b>  <b>Maturity Date:</b> <b>Ref CPI on Dated Date:</b>			<b>0-1/8% 5-Year TIPS</b> <b>Series AE-2025</b> <b>91282CAQ4</b> <b>October 15, 2020</b> <b>October 30, 2020</b> <b>December 31, 2020</b>  <b>October 15, 2025</b> <b>259.46997</b>					
<b>Date</b>			<b>Ref CPI</b>		<b>Index Ratio</b>			
February	1	2021	260.22900		1.00293			
February	2	2021	260.23775		1.00296			
February	3	2021	260.24650		1.00299			
February	4	2021	260.25525		1.00303			
February	5	2021	260.26400		1.00306			
February	6	2021	260.27275		1.00309			
February	7	2021	260.28150		1.00313			
February	8	2021	260.29025		1.00316			
February	9	2021	260.29900		1.00320			
February	10	2021	260.30775		1.00323			
February	11	2021	260.31650		1.00326			
February	12	2021	260.32525		1.00330			
February	13	2021	260.33400		1.00333			
February	14	2021	260.34275		1.00336			
February	15	2021	260.35150		1.00340			
February	16	2021	260.36025		1.00343			
February	17	2021	260.36900		1.00346			
February	18	2021	260.37775		1.00350			
February	19	2021	260.38650		1.00353			
February	20	2021	260.39525		1.00357			
February	21	2021	260.40400		1.00360			
February	22	2021	260.41275		1.00363			
February	23	2021	260.42150		1.00367			
February	24	2021	260.43025		1.00370			
February	25	2021	260.43900		1.00373			
February	26	2021	260.44775		1.00377			
February	27	2021	260.45650		1.00380			
February	28	2021	260.46525		1.00384			
<b>CPI-U (NSA) for:</b>			<b>October 2020</b>	<b>260.388</b>	<b>November 2020</b>	<b>260.229</b>	<b>December 2020</b>	<b>260.474</b>