

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

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 2022	277.94800	1.71849	1.69075	1.56590	1.47455	
February 2 2022	277.97850	1.71868	1.69094	1.56608	1.47471	
February 3 2022	278.00900	1.71886	1.69112	1.56625	1.47487	
February 4 2022	278.03950	1.71905	1.69131	1.56642	1.47504	
February 5 2022	278.07000	1.71924	1.69149	1.56659	1.47520	
February 6 2022	278.10050	1.71943	1.69168	1.56676	1.47536	
February 7 2022	278.13100	1.71962	1.69186	1.56694	1.47552	
February 8 2022	278.16150	1.71981	1.69205	1.56711	1.47568	
February 9 2022	278.19200	1.72000	1.69223	1.56728	1.47584	
February 10 2022	278.22250	1.72018	1.69242	1.56745	1.47601	
February 11 2022	278.25300	1.72037	1.69261	1.56762	1.47617	
February 12 2022	278.28350	1.72056	1.69279	1.56779	1.47633	
February 13 2022	278.31400	1.72075	1.69298	1.56797	1.47649	
February 14 2022	278.34450	1.72094	1.69316	1.56814	1.47665	
February 15 2022	278.37500	1.72113	1.69335	1.56831	1.47682	
February 16 2022	278.40550	1.72132	1.69353	1.56848	1.47698	
February 17 2022	278.43600	1.72150	1.69372	1.56865	1.47714	
February 18 2022	278.46650	1.72169	1.69390	1.56883	1.47730	
February 19 2022	278.49700	1.72188	1.69409	1.56900	1.47746	
February 20 2022	278.52750	1.72207	1.69427	1.56917	1.47762	
February 21 2022	278.55800	1.72226	1.69446	1.56934	1.47779	
February 22 2022	278.58850	1.72245	1.69465	1.56951	1.47795	
February 23 2022	278.61900	1.72264	1.69483	1.56968	1.47811	
February 24 2022	278.64950	1.72282	1.69502	1.56986	1.47827	
February 25 2022	278.68000	1.72301	1.69520	1.57003	1.47843	
February 26 2022	278.71050	1.72320	1.69539	1.57020	1.47860	
February 27 2022	278.74100	1.72339	1.69557	1.57037	1.47876	
February 28 2022	278.77150	1.72358	1.69576	1.57054	1.47892	
<b>CPI-U (NSA) for:</b>			<b>October 2021 276.589</b>	<b>November 2021 277.948</b>	<b>December 2021 278.802</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

<b>Security:</b>			<b>2% 20-Year TIPS</b>	<b>2-3/8% 20-Year TIPS</b>	<b>1-3/4% 20-Year TIPS</b>	<b>2-1/2% 20-Year TIPS</b>
<b>Description:</b>			<b>TIPS of January 2026</b>	<b>TIPS of January 2027</b>	<b>TIPS of January 2028</b>	<b>TIPS of January 2029</b>
<b>CUSIP Number:</b>			<b>912810FS2</b>	<b>912810PS1</b>	<b>912810PV4</b>	<b>912810PZ5</b>
<b>Dated Date:</b>			<b>January 15, 2006</b>	<b>January 15, 2007</b>	<b>January 15, 2008</b>	<b>January 15, 2009</b>
<b>Original Issue Date:</b>			<b>January 31, 2006</b>	<b>January 31, 2007</b>	<b>January 31, 2008</b>	<b>January 30, 2009</b>
<b>Additional Issue Date(s):</b>			<b>July 31, 2006</b>	<b>July 31, 2007</b>	<b>July 31, 2008</b>	<b>July 31, 2009</b>
<b>Maturity Date:</b>			<b>January 15, 2026</b>	<b>January 15, 2027</b>	<b>January 15, 2028</b>	<b>January 15, 2029</b>
<b>Ref CPI on Dated Date:</b>			<b>198.47742</b>	<b>201.66452</b>	<b>209.49645</b>	<b>214.69971</b>
<b>Date</b>	<b>Ref CPI</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>
February 1 2022	277.94800	1.40040	1.37827	1.32674	1.29459	
February 2 2022	277.97850	1.40055	1.37842	1.32689	1.29473	
February 3 2022	278.00900	1.40071	1.37857	1.32703	1.29487	
February 4 2022	278.03950	1.40086	1.37872	1.32718	1.29502	
February 5 2022	278.07000	1.40102	1.37887	1.32733	1.29516	
February 6 2022	278.10050	1.40117	1.37903	1.32747	1.29530	
February 7 2022	278.13100	1.40132	1.37918	1.32762	1.29544	
February 8 2022	278.16150	1.40148	1.37933	1.32776	1.29558	
February 9 2022	278.19200	1.40163	1.37948	1.32791	1.29573	
February 10 2022	278.22250	1.40178	1.37963	1.32805	1.29587	
February 11 2022	278.25300	1.40194	1.37978	1.32820	1.29601	
February 12 2022	278.28350	1.40209	1.37993	1.32834	1.29615	
February 13 2022	278.31400	1.40225	1.38008	1.32849	1.29629	
February 14 2022	278.34450	1.40240	1.38024	1.32864	1.29644	
February 15 2022	278.37500	1.40255	1.38039	1.32878	1.29658	
February 16 2022	278.40550	1.40271	1.38054	1.32893	1.29672	
February 17 2022	278.43600	1.40286	1.38069	1.32907	1.29686	
February 18 2022	278.46650	1.40301	1.38084	1.32922	1.29700	
February 19 2022	278.49700	1.40317	1.38099	1.32936	1.29715	
February 20 2022	278.52750	1.40332	1.38114	1.32951	1.29729	
February 21 2022	278.55800	1.40347	1.38129	1.32965	1.29743	
February 22 2022	278.58850	1.40363	1.38145	1.32980	1.29757	
February 23 2022	278.61900	1.40378	1.38160	1.32995	1.29771	
February 24 2022	278.64950	1.40394	1.38175	1.33009	1.29786	
February 25 2022	278.68000	1.40409	1.38190	1.33024	1.29800	
February 26 2022	278.71050	1.40424	1.38205	1.33038	1.29814	
February 27 2022	278.74100	1.40440	1.38220	1.33053	1.29828	
February 28 2022	278.77150	1.40455	1.38235	1.33067	1.29843	
<b>CPI-U (NSA) for:</b>			<b>October 2021 276.589</b>	<b>November 2021 277.948</b>	<b>December 2021 278.802</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

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	0-3/4% 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
Maturity Date: Ref CPI on Dated Date:			February 15, 2040 216.13950	February 15, 2041 218.99100	February 15, 2042 225.96062	July 15, 2022 229.96306
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February 1 2022	277.94800	1.28597	1.26922	1.23007	1.20866	
February 2 2022	277.97850	1.28611	1.26936	1.23021	1.20880	
February 3 2022	278.00900	1.28625	1.26950	1.23034	1.20893	
February 4 2022	278.03950	1.28639	1.26964	1.23048	1.20906	
February 5 2022	278.07000	1.28653	1.26978	1.23061	1.20919	
February 6 2022	278.10050	1.28667	1.26992	1.23075	1.20933	
February 7 2022	278.13100	1.28681	1.27006	1.23088	1.20946	
February 8 2022	278.16150	1.28695	1.27020	1.23102	1.20959	
February 9 2022	278.19200	1.28709	1.27034	1.23115	1.20972	
February 10 2022	278.22250	1.28724	1.27047	1.23129	1.20986	
February 11 2022	278.25300	1.28738	1.27061	1.23142	1.20999	
February 12 2022	278.28350	1.28752	1.27075	1.23156	1.21012	
February 13 2022	278.31400	1.28766	1.27089	1.23169	1.21026	
February 14 2022	278.34450	1.28780	1.27103	1.23183	1.21039	
February 15 2022	278.37500	1.28794	1.27117	1.23196	1.21052	
February 16 2022	278.40550	1.28808	1.27131	1.23210	1.21065	
February 17 2022	278.43600	1.28822	1.27145	1.23223	1.21079	
February 18 2022	278.46650	1.28836	1.27159	1.23237	1.21092	
February 19 2022	278.49700	1.28851	1.27173	1.23250	1.21105	
February 20 2022	278.52750	1.28865	1.27187	1.23264	1.21118	
February 21 2022	278.55800	1.28879	1.27201	1.23277	1.21132	
February 22 2022	278.58850	1.28893	1.27215	1.23291	1.21145	
February 23 2022	278.61900	1.28907	1.27229	1.23304	1.21158	
February 24 2022	278.64950	1.28921	1.27242	1.23318	1.21171	
February 25 2022	278.68000	1.28935	1.27256	1.23331	1.21185	
February 26 2022	278.71050	1.28949	1.27270	1.23345	1.21198	
February 27 2022	278.74100	1.28963	1.27284	1.23358	1.21211	
February 28 2022	278.77150	1.28978	1.27298	1.23372	1.21224	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February	1	2022	277.94800	1.20417	1.20894	1.19436	1.19122	
February	2	2022	277.97850	1.20430	1.20907	1.19449	1.19135	
February	3	2022	278.00900	1.20443	1.20920	1.19462	1.19148	
February	4	2022	278.03950	1.20456	1.20934	1.19475	1.19161	
February	5	2022	278.07000	1.20469	1.20947	1.19488	1.19174	
February	6	2022	278.10050	1.20483	1.20960	1.19501	1.19187	
February	7	2022	278.13100	1.20496	1.20973	1.19514	1.19200	
February	8	2022	278.16150	1.20509	1.20987	1.19527	1.19213	
February	9	2022	278.19200	1.20522	1.21000	1.19540	1.19227	
February	10	2022	278.22250	1.20536	1.21013	1.19554	1.19240	
February	11	2022	278.25300	1.20549	1.21026	1.19567	1.19253	
February	12	2022	278.28350	1.20562	1.21040	1.19580	1.19266	
February	13	2022	278.31400	1.20575	1.21053	1.19593	1.19279	
February	14	2022	278.34450	1.20588	1.21066	1.19606	1.19292	
February	15	2022	278.37500	1.20602	1.21079	1.19619	1.19305	
February	16	2022	278.40550	1.20615	1.21093	1.19632	1.19318	
February	17	2022	278.43600	1.20628	1.21106	1.19645	1.19331	
February	18	2022	278.46650	1.20641	1.21119	1.19658	1.19344	
February	19	2022	278.49700	1.20654	1.21133	1.19671	1.19357	
February	20	2022	278.52750	1.20668	1.21146	1.19685	1.19370	
February	21	2022	278.55800	1.20681	1.21159	1.19698	1.19383	
February	22	2022	278.58850	1.20694	1.21172	1.19711	1.19396	
February	23	2022	278.61900	1.20707	1.21186	1.19724	1.19410	
February	24	2022	278.64950	1.20720	1.21199	1.19737	1.19423	
February	25	2022	278.68000	1.20734	1.21212	1.19750	1.19436	
February	26	2022	278.71050	1.20747	1.21225	1.19763	1.19449	
February	27	2022	278.74100	1.20760	1.21239	1.19776	1.19462	
February	28	2022	278.77150	1.20773	1.21252	1.19789	1.19475	
<b>CPI-U (NSA) for:</b>			<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

<b>Security:</b>	<b>0-1/8% 10-Year TIPS</b>	<b>0-5/8% 30-Year TIPS</b>	<b>0-3/8% 10-Year TIPS</b>	<b>0-5/8% 10-Year TIPS</b>
<b>Description:</b>	<b>Series A-2023</b>	<b>TIPS of February 2043</b>	<b>Series D-2023</b>	<b>Series A-2024</b>
<b>CUSIP Number:</b>	<b>912828UH1</b>	<b>912810RA8</b>	<b>912828VM9</b>	<b>912828B25</b>
<b>Dated Date:</b>	<b>January 15, 2013</b>	<b>February 15, 2013</b>	<b>July 15, 2013</b>	<b>January 15, 2014</b>
<b>Original Issue Date:</b>	<b>January 31, 2013</b>	<b>February 28, 2013</b>	<b>July 31, 2013</b>	<b>January 31, 2014</b>
<b>Additional Issue Date(s):</b>	<b>March 28, 2013</b> <b>May 31, 2013</b>	<b>June 28, 2013</b> <b>October 31, 2013</b>	<b>September 30, 2013</b> <b>November 29, 2013</b>	<b>March 31, 2014</b> <b>May 30, 2014</b>
<b>Maturity Date:</b>	<b>January 15, 2023</b>	<b>February 15, 2043</b>	<b>July 15, 2023</b>	<b>January 15, 2024</b>
<b>Ref CPI on Dated Date:</b>	<b>230.82203</b>	<b>229.91100</b>	<b>232.71797</b>	<b>233.33058</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			February 15, 2044 233.05900	July 15, 2024 237.44594	January 15, 2025 236.85403	February 15, 2045 235.48150
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February 1 2022	277.94800	1.19261	1.17057	1.17350	1.18034	
February 2 2022	277.97850	1.19274	1.17070	1.17363	1.18047	
February 3 2022	278.00900	1.19287	1.17083	1.17376	1.18060	
February 4 2022	278.03950	1.19300	1.17096	1.17389	1.18073	
February 5 2022	278.07000	1.19313	1.17109	1.17401	1.18086	
February 6 2022	278.10050	1.19326	1.17122	1.17414	1.18099	
February 7 2022	278.13100	1.19339	1.17134	1.17427	1.18112	
February 8 2022	278.16150	1.19352	1.17147	1.17440	1.18125	
February 9 2022	278.19200	1.19365	1.17160	1.17453	1.18138	
February 10 2022	278.22250	1.19379	1.17173	1.17466	1.18150	
February 11 2022	278.25300	1.19392	1.17186	1.17479	1.18163	
February 12 2022	278.28350	1.19405	1.17199	1.17492	1.18176	
February 13 2022	278.31400	1.19418	1.17212	1.17504	1.18189	
February 14 2022	278.34450	1.19431	1.17224	1.17517	1.18202	
February 15 2022	278.37500	1.19444	1.17237	1.17530	1.18215	
February 16 2022	278.40550	1.19457	1.17250	1.17543	1.18228	
February 17 2022	278.43600	1.19470	1.17263	1.17556	1.18241	
February 18 2022	278.46650	1.19483	1.17276	1.17569	1.18254	
February 19 2022	278.49700	1.19496	1.17289	1.17582	1.18267	
February 20 2022	278.52750	1.19509	1.17301	1.17595	1.18280	
February 21 2022	278.55800	1.19523	1.17314	1.17607	1.18293	
February 22 2022	278.58850	1.19536	1.17327	1.17620	1.18306	
February 23 2022	278.61900	1.19549	1.17340	1.17633	1.18319	
February 24 2022	278.64950	1.19562	1.17353	1.17646	1.18332	
February 25 2022	278.68000	1.19575	1.17366	1.17659	1.18345	
February 26 2022	278.71050	1.19588	1.17379	1.17672	1.18358	
February 27 2022	278.74100	1.19601	1.17391	1.17685	1.18371	
February 28 2022	278.77150	1.19614	1.17404	1.17698	1.18384	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

<b>Security:</b>			<b>0-3/8% 10-Year TIPS</b>	<b>0-5/8% 10-Year TIPS</b>	<b>1% 30-Year TIPS</b>	<b>0-1/8% 10-Year TIPS</b>
<b>Description:</b>			<b>Series D-2025</b>	<b>Series A-2026</b>	<b>TIPS of February 2046</b>	<b>Series D-2026</b>
<b>CUSIP Number:</b>			<b>912828XL9</b>	<b>912828N71</b>	<b>912810RR1</b>	<b>912828S50</b>
<b>Dated Date:</b>			<b>July 15, 2015</b>	<b>January 15, 2016</b>	<b>February 15, 2016</b>	<b>July 15, 2016</b>
<b>Original Issue Date:</b>			<b>July 31, 2015</b>	<b>January 29, 2016</b>	<b>February 29, 2016</b>	<b>July 29, 2016</b>
<b>Additional Issue Date(s):</b>			<b>September 30, 2015</b> <b>November 30, 2015</b>	<b>March 31, 2016</b> <b>May 31, 2016</b>	<b>June 30, 2016</b> <b>October 31, 2016</b>	<b>September 30, 2016</b> <b>November 30, 2016</b>
<b>Maturity Date:</b>			<b>July 15, 2025</b>	<b>January 15, 2026</b>	<b>February 15, 2046</b>	<b>July 15, 2026</b>
<b>Ref CPI on Dated Date:</b>			<b>237.14365</b>	<b>237.61129</b>	<b>236.94448</b>	<b>239.70132</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 2022	277.94800	1.17207	1.16976	1.17305	1.15956	
February 2 2022	277.97850	1.17219	1.16989	1.17318	1.15969	
February 3 2022	278.00900	1.17232	1.17002	1.17331	1.15981	
February 4 2022	278.03950	1.17245	1.17014	1.17344	1.15994	
February 5 2022	278.07000	1.17258	1.17027	1.17357	1.16007	
February 6 2022	278.10050	1.17271	1.17040	1.17369	1.16020	
February 7 2022	278.13100	1.17284	1.17053	1.17382	1.16032	
February 8 2022	278.16150	1.17297	1.17066	1.17395	1.16045	
February 9 2022	278.19200	1.17309	1.17079	1.17408	1.16058	
February 10 2022	278.22250	1.17322	1.17091	1.17421	1.16070	
February 11 2022	278.25300	1.17335	1.17104	1.17434	1.16083	
February 12 2022	278.28350	1.17348	1.17117	1.17447	1.16096	
February 13 2022	278.31400	1.17361	1.17130	1.17460	1.16109	
February 14 2022	278.34450	1.17374	1.17143	1.17472	1.16121	
February 15 2022	278.37500	1.17387	1.17156	1.17485	1.16134	
February 16 2022	278.40550	1.17400	1.17168	1.17498	1.16147	
February 17 2022	278.43600	1.17412	1.17181	1.17511	1.16160	
February 18 2022	278.46650	1.17425	1.17194	1.17524	1.16172	
February 19 2022	278.49700	1.17438	1.17207	1.17537	1.16185	
February 20 2022	278.52750	1.17451	1.17220	1.17550	1.16198	
February 21 2022	278.55800	1.17464	1.17233	1.17563	1.16210	
February 22 2022	278.58850	1.17477	1.17245	1.17575	1.16223	
February 23 2022	278.61900	1.17490	1.17258	1.17588	1.16236	
February 24 2022	278.64950	1.17502	1.17271	1.17601	1.16249	
February 25 2022	278.68000	1.17515	1.17284	1.17614	1.16261	
February 26 2022	278.71050	1.17528	1.17297	1.17627	1.16274	
February 27 2022	278.74100	1.17541	1.17310	1.17640	1.16287	
February 28 2022	278.77150	1.17554	1.17322	1.17653	1.16300	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February	1	2022	277.94800	1.15064	1.15144	1.14290	1.13625	
February	2	2022	277.97850	1.15077	1.15156	1.14302	1.13638	
February	3	2022	278.00900	1.15089	1.15169	1.14315	1.13650	
February	4	2022	278.03950	1.15102	1.15181	1.14328	1.13663	
February	5	2022	278.07000	1.15115	1.15194	1.14340	1.13675	
February	6	2022	278.10050	1.15127	1.15207	1.14353	1.13687	
February	7	2022	278.13100	1.15140	1.15219	1.14365	1.13700	
February	8	2022	278.16150	1.15153	1.15232	1.14378	1.13712	
February	9	2022	278.19200	1.15165	1.15245	1.14390	1.13725	
February	10	2022	278.22250	1.15178	1.15257	1.14403	1.13737	
February	11	2022	278.25300	1.15190	1.15270	1.14415	1.13750	
February	12	2022	278.28350	1.15203	1.15283	1.14428	1.13762	
February	13	2022	278.31400	1.15216	1.15295	1.14440	1.13775	
February	14	2022	278.34450	1.15228	1.15308	1.14453	1.13787	
February	15	2022	278.37500	1.15241	1.15320	1.14466	1.13800	
February	16	2022	278.40550	1.15254	1.15333	1.14478	1.13812	
February	17	2022	278.43600	1.15266	1.15346	1.14491	1.13825	
February	18	2022	278.46650	1.15279	1.15358	1.14503	1.13837	
February	19	2022	278.49700	1.15291	1.15371	1.14516	1.13850	
February	20	2022	278.52750	1.15304	1.15384	1.14528	1.13862	
February	21	2022	278.55800	1.15317	1.15396	1.14541	1.13875	
February	22	2022	278.58850	1.15329	1.15409	1.14553	1.13887	
February	23	2022	278.61900	1.15342	1.15422	1.14566	1.13899	
February	24	2022	278.64950	1.15355	1.15434	1.14578	1.13912	
February	25	2022	278.68000	1.15367	1.15447	1.14591	1.13924	
February	26	2022	278.71050	1.15380	1.15459	1.14603	1.13937	
February	27	2022	278.74100	1.15392	1.15472	1.14616	1.13949	
February	28	2022	278.77150	1.15405	1.15485	1.14629	1.13962	
<b>CPI-U (NSA) for:</b>			<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

<b>Security:</b>	<b>0-3/8% 10-Year TIPS</b>	<b>0-7/8% 30-Year TIPS</b>	<b>0-1/8% 5-Year TIPS</b>	<b>0-3/8% 10-Year TIPS</b>
<b>Description:</b>	<b>Series A-2027</b>	<b>TIPS of February 2047</b>	<b>Series X-2022</b>	<b>Series D-2027</b>
<b>CUSIP Number:</b>	<b>912828V49</b>	<b>912810RW0</b>	<b>912828X39</b>	<b>912828L3</b>
<b>Dated Date:</b>	<b>January 15, 2017</b>	<b>February 15, 2017</b>	<b>April 15, 2017</b>	<b>July 15, 2017</b>
<b>Original Issue Date:</b>	<b>January 31, 2017</b>	<b>February 28, 2017</b>	<b>April 28, 2017</b>	<b>July 31, 2017</b>
<b>Additional Issue Date(s):</b>	<b>March 31, 2017</b> <b>May 31, 2017</b>	<b>June 30, 2017</b> <b>October 31, 2017</b>	<b>August 31, 2017</b> <b>December 29, 2017</b>	<b>September 29, 2017</b> <b>November 30, 2017</b>
<b>Maturity Date:</b>	<b>January 15, 2027</b>	<b>February 15, 2047</b>	<b>April 15, 2022</b>	<b>July 15, 2027</b>
<b>Ref CPI on Dated Date:</b>	<b>241.55919</b>	<b>241.39250</b>	<b>243.19553</b>	<b>244.61839</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/2% 10-Year TIPS Series A-2028 9128283R9 January 15, 2018 January 31, 2018 March 29, 2018 May 31, 2018	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
Maturity Date: Ref CPI on Dated Date:			January 15, 2028 246.66571	February 15, 2048 246.59650	April 15, 2023 248.39153	July 15, 2028 251.01658
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February 1 2022	277.94800	1.12682	1.12714	1.11899	1.10729	
February 2 2022	277.97850	1.12694	1.12726	1.11911	1.10741	
February 3 2022	278.00900	1.12707	1.12738	1.11924	1.10753	
February 4 2022	278.03950	1.12719	1.12751	1.11936	1.10765	
February 5 2022	278.07000	1.12732	1.12763	1.11948	1.10778	
February 6 2022	278.10050	1.12744	1.12776	1.11961	1.10790	
February 7 2022	278.13100	1.12756	1.12788	1.11973	1.10802	
February 8 2022	278.16150	1.12769	1.12800	1.11985	1.10814	
February 9 2022	278.19200	1.12781	1.12813	1.11997	1.10826	
February 10 2022	278.22250	1.12793	1.12825	1.12010	1.10838	
February 11 2022	278.25300	1.12806	1.12837	1.12022	1.10850	
February 12 2022	278.28350	1.12818	1.12850	1.12034	1.10863	
February 13 2022	278.31400	1.12830	1.12862	1.12046	1.10875	
February 14 2022	278.34450	1.12843	1.12874	1.12059	1.10887	
February 15 2022	278.37500	1.12855	1.12887	1.12071	1.10899	
February 16 2022	278.40550	1.12868	1.12899	1.12083	1.10911	
February 17 2022	278.43600	1.12880	1.12912	1.12096	1.10923	
February 18 2022	278.46650	1.12892	1.12924	1.12108	1.10936	
February 19 2022	278.49700	1.12905	1.12936	1.12120	1.10948	
February 20 2022	278.52750	1.12917	1.12949	1.12132	1.10960	
February 21 2022	278.55800	1.12929	1.12961	1.12145	1.10972	
February 22 2022	278.58850	1.12942	1.12973	1.12157	1.10984	
February 23 2022	278.61900	1.12954	1.12986	1.12169	1.10996	
February 24 2022	278.64950	1.12966	1.12998	1.12182	1.11008	
February 25 2022	278.68000	1.12979	1.13011	1.12194	1.11021	
February 26 2022	278.71050	1.12991	1.13023	1.12206	1.11033	
February 27 2022	278.74100	1.13004	1.13035	1.12218	1.11045	
February 28 2022	278.77150	1.13016	1.13048	1.12231	1.11057	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>



**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

<b>Security:</b>			<b>0-7/8% 10-Year TIPS</b>	<b>1% 30-Year TIPS</b>	<b>0-1/2% 5-Year TIPS</b>	<b>0-1/4% 10-Year TIPS</b>
<b>Description:</b>			<b>Series A-2029</b>	<b>TIPS of February 2049</b>	<b>Series X-2024</b>	<b>Series D-2029</b>
<b>CUSIP Number:</b>			<b>9128285W6</b>	<b>912810SG4</b>	<b>9128286N5</b>	<b>9128287D6</b>
<b>Dated Date:</b>			<b>January 15, 2019</b>	<b>February 15, 2019</b>	<b>April 15, 2019</b>	<b>July 15, 2019</b>
<b>Original Issue Date:</b>			<b>January 31, 2019</b>	<b>February 28, 2019</b>	<b>April 30, 2019</b>	<b>July 31, 2019</b>
<b>Additional Issue Date(s):</b>			<b>March 29, 2019</b>	<b>August 30, 2019</b>	<b>June 28, 2019</b>	<b>September 30, 2019</b>
			<b>May 31, 2019</b>			<b>November 29, 2019</b>
<b>Maturity Date:</b>			<b>January 15, 2029</b>	<b>February 15, 2049</b>	<b>April 15, 2024</b>	<b>July 15, 2029</b>
<b>Ref CPI on Dated Date:</b>			<b>252.50248</b>	<b>251.63550</b>	<b>252.20853</b>	<b>255.79368</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 2022	277.94800	1.10077	1.10457	1.10206	1.08661	
February 2 2022	277.97850	1.10089	1.10469	1.10218	1.08673	
February 3 2022	278.00900	1.10101	1.10481	1.10230	1.08685	
February 4 2022	278.03950	1.10114	1.10493	1.10242	1.08697	
February 5 2022	278.07000	1.10126	1.10505	1.10254	1.08709	
February 6 2022	278.10050	1.10138	1.10517	1.10266	1.08721	
February 7 2022	278.13100	1.10150	1.10529	1.10278	1.08733	
February 8 2022	278.16150	1.10162	1.10541	1.10290	1.08744	
February 9 2022	278.19200	1.10174	1.10554	1.10302	1.08756	
February 10 2022	278.22250	1.10186	1.10566	1.10314	1.08768	
February 11 2022	278.25300	1.10198	1.10578	1.10327	1.08780	
February 12 2022	278.28350	1.10210	1.10590	1.10339	1.08792	
February 13 2022	278.31400	1.10222	1.10602	1.10351	1.08804	
February 14 2022	278.34450	1.10234	1.10614	1.10363	1.08816	
February 15 2022	278.37500	1.10246	1.10626	1.10375	1.08828	
February 16 2022	278.40550	1.10259	1.10638	1.10387	1.08840	
February 17 2022	278.43600	1.10271	1.10651	1.10399	1.08852	
February 18 2022	278.46650	1.10283	1.10663	1.10411	1.08864	
February 19 2022	278.49700	1.10295	1.10675	1.10423	1.08876	
February 20 2022	278.52750	1.10307	1.10687	1.10435	1.08888	
February 21 2022	278.55800	1.10319	1.10699	1.10447	1.08899	
February 22 2022	278.58850	1.10331	1.10711	1.10460	1.08911	
February 23 2022	278.61900	1.10343	1.10723	1.10472	1.08923	
February 24 2022	278.64950	1.10355	1.10735	1.10484	1.08935	
February 25 2022	278.68000	1.10367	1.10747	1.10496	1.08947	
February 26 2022	278.71050	1.10379	1.10760	1.10508	1.08959	
February 27 2022	278.74100	1.10391	1.10772	1.10520	1.08971	
February 28 2022	278.77150	1.10403	1.10784	1.10532	1.08983	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February	1	2022	277.94800	1.08334	1.08032	1.08111	1.07606	
February	2	2022	277.97850	1.08346	1.08044	1.08123	1.07618	
February	3	2022	278.00900	1.08358	1.08055	1.08135	1.07630	
February	4	2022	278.03950	1.08370	1.08067	1.08147	1.07642	
February	5	2022	278.07000	1.08382	1.08079	1.08158	1.07654	
February	6	2022	278.10050	1.08394	1.08091	1.08170	1.07665	
February	7	2022	278.13100	1.08406	1.08103	1.08182	1.07677	
February	8	2022	278.16150	1.08418	1.08115	1.08194	1.07689	
February	9	2022	278.19200	1.08429	1.08127	1.08206	1.07701	
February	10	2022	278.22250	1.08441	1.08138	1.08218	1.07713	
February	11	2022	278.25300	1.08453	1.08150	1.08230	1.07724	
February	12	2022	278.28350	1.08465	1.08162	1.08241	1.07736	
February	13	2022	278.31400	1.08477	1.08174	1.08253	1.07748	
February	14	2022	278.34450	1.08489	1.08186	1.08265	1.07760	
February	15	2022	278.37500	1.08501	1.08198	1.08277	1.07772	
February	16	2022	278.40550	1.08513	1.08210	1.08289	1.07783	
February	17	2022	278.43600	1.08524	1.08221	1.08301	1.07795	
February	18	2022	278.46650	1.08536	1.08233	1.08313	1.07807	
February	19	2022	278.49700	1.08548	1.08245	1.08325	1.07819	
February	20	2022	278.52750	1.08560	1.08257	1.08336	1.07831	
February	21	2022	278.55800	1.08572	1.08269	1.08348	1.07842	
February	22	2022	278.58850	1.08584	1.08281	1.08360	1.07854	
February	23	2022	278.61900	1.08596	1.08293	1.08372	1.07866	
February	24	2022	278.64950	1.08608	1.08304	1.08384	1.07878	
February	25	2022	278.68000	1.08620	1.08316	1.08396	1.07890	
February	26	2022	278.71050	1.08631	1.08328	1.08408	1.07901	
February	27	2022	278.74100	1.08643	1.08340	1.08419	1.07913	
February	28	2022	278.77150	1.08655	1.08352	1.08431	1.07925	
<b>CPI-U (NSA) for:</b>			<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

<b>Security:</b>	<b>0-1/8% 5-Year TIPS</b>	<b>0-1/8% 10-Year TIPS</b>	<b>0-1/4% 30-Year TIPS</b>	<b>0-1/8% 5-Year TIPS</b>
<b>Description:</b>	<b>Series AE-2024</b>	<b>Series A-2030</b>	<b>TIPS of February 2050</b>	<b>Series X-2025</b>
<b>CUSIP Number:</b>	<b>912828YL8</b>	<b>912828Z37</b>	<b>912810SM1</b>	<b>912828ZJ2</b>
<b>Dated Date:</b>	<b>October 15, 2019</b>	<b>January 15, 2020</b>	<b>February 15, 2020</b>	<b>April 15, 2020</b>
<b>Original Issue Date:</b>	<b>October 31, 2019</b>	<b>January 31, 2020</b>	<b>February 28, 2020</b>	<b>April 30, 2020</b>
<b>Additional Issue Date(s):</b>	<b>December 31, 2019</b>	<b>March 31, 2020</b>	<b>August 31, 2020</b>	<b>June 30, 2020</b>
		<b>May 29, 2020</b>		<b>July 13, 2020</b>
<b>Maturity Date:</b>	<b>October 15, 2024</b>	<b>January 15, 2030</b>	<b>February 15, 2050</b>	<b>April 15, 2025</b>
<b>Ref CPI on Dated Date:</b>	<b>256.56513</b>	<b>257.28368</b>	<b>257.09503</b>	<b>258.30093</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/8% 10-Year TIPS Series D-2030 912828ZZ6 July 15, 2020 January 31, 2020 September 30, 2020 November 30, 2020	0-1/8% 5-Year TIPS Series AE-2025 91282CAQ4 October 15, 2020 October 30, 2020 December 31, 2020	0-1/8% 10-Year TIPS Series A-2031 91282CBF7 January 15, 2021 January 29, 2021 March 31, 2021 May 28, 2021	0-1/8% 30-Year TIPS TIPS of February 2051 912810SV1 February 15, 2021 February 26, 2021 August 31, 2021
Maturity Date: Ref CPI on Dated Date:			July 15, 2030 256.39126	October 15, 2025 259.46997	January 15, 2031 260.31619	February 15, 2051 260.35150
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
February 1 2022	277.94800	1.08408	1.07121	1.06773	1.06759	
February 2 2022	277.97850	1.08420	1.07133	1.06785	1.06770	
February 3 2022	278.00900	1.08432	1.07145	1.06797	1.06782	
February 4 2022	278.03950	1.08443	1.07157	1.06808	1.06794	
February 5 2022	278.07000	1.08455	1.07168	1.06820	1.06806	
February 6 2022	278.10050	1.08467	1.07180	1.06832	1.06817	
February 7 2022	278.13100	1.08479	1.07192	1.06844	1.06829	
February 8 2022	278.16150	1.08491	1.07204	1.06855	1.06841	
February 9 2022	278.19200	1.08503	1.07215	1.06867	1.06852	
February 10 2022	278.22250	1.08515	1.07227	1.06879	1.06864	
February 11 2022	278.25300	1.08527	1.07239	1.06890	1.06876	
February 12 2022	278.28350	1.08539	1.07251	1.06902	1.06888	
February 13 2022	278.31400	1.08551	1.07263	1.06914	1.06899	
February 14 2022	278.34450	1.08562	1.07274	1.06926	1.06911	
February 15 2022	278.37500	1.08574	1.07286	1.06937	1.06923	
February 16 2022	278.40550	1.08586	1.07298	1.06949	1.06934	
February 17 2022	278.43600	1.08598	1.07310	1.06961	1.06946	
February 18 2022	278.46650	1.08610	1.07321	1.06972	1.06958	
February 19 2022	278.49700	1.08622	1.07333	1.06984	1.06970	
February 20 2022	278.52750	1.08634	1.07345	1.06996	1.06981	
February 21 2022	278.55800	1.08646	1.07357	1.07008	1.06993	
February 22 2022	278.58850	1.08658	1.07368	1.07019	1.07005	
February 23 2022	278.61900	1.08669	1.07380	1.07031	1.07016	
February 24 2022	278.64950	1.08681	1.07392	1.07043	1.07028	
February 25 2022	278.68000	1.08693	1.07404	1.07054	1.07040	
February 26 2022	278.71050	1.08705	1.07415	1.07066	1.07052	
February 27 2022	278.74100	1.08717	1.07427	1.07078	1.07063	
February 28 2022	278.77150	1.08729	1.07439	1.07090	1.07075	
<b>CPI-U (NSA) for:</b>	<b>October 2021</b>	<b>276.589</b>	<b>November 2021</b>	<b>277.948</b>	<b>December 2021</b>	<b>278.802</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**February 2022**

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio
February	1	2022	277.94800	1.05986	1.03704	1.01716
February	2	2022	277.97850	1.05997	1.03715	1.01728
February	3	2022	278.00900	1.06009	1.03727	1.01739
February	4	2022	278.03950	1.06021	1.03738	1.01750
February	5	2022	278.07000	1.06032	1.03749	1.01761
February	6	2022	278.10050	1.06044	1.03761	1.01772
February	7	2022	278.13100	1.06056	1.03772	1.01783
February	8	2022	278.16150	1.06067	1.03784	1.01795
February	9	2022	278.19200	1.06079	1.03795	1.01806
February	10	2022	278.22250	1.06090	1.03806	1.01817
February	11	2022	278.25300	1.06102	1.03818	1.01828
February	12	2022	278.28350	1.06114	1.03829	1.01839
February	13	2022	278.31400	1.06125	1.03840	1.01850
February	14	2022	278.34450	1.06137	1.03852	1.01862
February	15	2022	278.37500	1.06149	1.03863	1.01873
February	16	2022	278.40550	1.06160	1.03875	1.01884
February	17	2022	278.43600	1.06172	1.03886	1.01895
February	18	2022	278.46650	1.06183	1.03897	1.01906
February	19	2022	278.49700	1.06195	1.03909	1.01917
February	20	2022	278.52750	1.06207	1.03920	1.01929
February	21	2022	278.55800	1.06218	1.03931	1.01940
February	22	2022	278.58850	1.06230	1.03943	1.01951
February	23	2022	278.61900	1.06242	1.03954	1.01962
February	24	2022	278.64950	1.06253	1.03966	1.01973
February	25	2022	278.68000	1.06265	1.03977	1.01984
February	26	2022	278.71050	1.06277	1.03988	1.01995
February	27	2022	278.74100	1.06288	1.04000	1.02007
February	28	2022	278.77150	1.06300	1.04011	1.02018
<b>CPI-U (NSA) for:</b>			<b>October 2021 276.589</b>	<b>November 2021 277.948</b>	<b>December 2021 278.802</b>	

<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>0-1/8% 5-Year TIPS</b> <b>Series X-2026</b> <b>91282CCA7</b> <b>April 15, 2021</b> <b>April 30, 2021</b> <b>June 30, 2021</b>	<b>0-1/8% 10-Year TIPS</b> <b>Series D-2031</b> <b>91282CCM1</b> <b>July 15, 2021</b> <b>July 30, 2021</b> <b>September 30, 2021</b> <b>November 30, 2021</b>	<b>0-1/8% 5-Year TIPS</b> <b>Series AE-2026</b> <b>91282CDC2</b> <b>October 15, 2021</b> <b>October 29, 2021</b> <b>December 31, 2021</b>	
<b>Maturity Date:</b> <b>Ref CPI on Dated Date:</b>	<b>April 15, 2026</b> <b>262.25027</b>	<b>July 15, 2031</b> <b>268.02090</b>	<b>October 15, 2026</b> <b>273.25771</b>	