

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security:			3-5/8% 30-Year TIPS	3-7/8% 30-Year TIPS	3-3/8% 30-1/2-Year TIPS	2% 20-Year TIPS
Description:			TIPS of April 2028	TIPS of April 2029	TIPS of April 2032	TIPS of January 2026
CUSIP Number:			912810FD5	912810FH6	912810FQ6	912810FS2
Dated Date:			April 15, 1998	April 15, 1999	October 15, 2001	January 15, 2006
Original Issue Date:			April 15, 1998	April 15, 1999	October 15, 2001	January 31, 2006
Additional Issue Date(s):			July 15, 1998	October 15, 1999 October 16, 2000		July 31, 2006
Maturity Date:			April 15, 2028	April 15, 2029	April 15, 2032	January 15, 2026
Ref CPI on Dated Date:			161.74000	164.39333	177.50000	198.47742
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.95131	1.91982	1.77806	1.59013	
March 2 2025	315.67165	1.95172	1.92022	1.77843	1.59047	
March 3 2025	315.73829	1.95213	1.92063	1.77881	1.59080	
March 4 2025	315.80494	1.95255	1.92103	1.77918	1.59114	
March 5 2025	315.87158	1.95296	1.92144	1.77956	1.59147	
March 6 2025	315.93823	1.95337	1.92184	1.77993	1.59181	
March 7 2025	316.00487	1.95378	1.92225	1.78031	1.59215	
March 8 2025	316.07152	1.95420	1.92265	1.78068	1.59248	
March 9 2025	316.13816	1.95461	1.92306	1.78106	1.59282	
March 10 2025	316.20481	1.95502	1.92346	1.78144	1.59315	
March 11 2025	316.27145	1.95543	1.92387	1.78181	1.59349	
March 12 2025	316.33810	1.95584	1.92428	1.78219	1.59382	
March 13 2025	316.40474	1.95626	1.92468	1.78256	1.59416	
March 14 2025	316.47139	1.95667	1.92509	1.78294	1.59450	
March 15 2025	316.53803	1.95708	1.92549	1.78331	1.59483	
March 16 2025	316.60468	1.95749	1.92590	1.78369	1.59517	
March 17 2025	316.67132	1.95790	1.92630	1.78406	1.59550	
March 18 2025	316.73797	1.95832	1.92671	1.78444	1.59584	
March 19 2025	316.80461	1.95873	1.92711	1.78481	1.59617	
March 20 2025	316.87126	1.95914	1.92752	1.78519	1.59651	
March 21 2025	316.93790	1.95955	1.92792	1.78557	1.59685	
March 22 2025	317.00455	1.95996	1.92833	1.78594	1.59718	
March 23 2025	317.07119	1.96038	1.92874	1.78632	1.59752	
March 24 2025	317.13784	1.96079	1.92914	1.78669	1.59785	
March 25 2025	317.20448	1.96120	1.92955	1.78707	1.59819	
March 26 2025	317.27113	1.96161	1.92995	1.78744	1.59853	
March 27 2025	317.33777	1.96202	1.93036	1.78782	1.59886	
March 28 2025	317.40442	1.96244	1.93076	1.78819	1.59920	
March 29 2025	317.47106	1.96285	1.93117	1.78857	1.59953	
March 30 2025	317.53771	1.96326	1.93157	1.78894	1.59987	
March 31 2025	317.60435	1.96367	1.93198	1.78932	1.60020	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010
Maturity Date: Ref CPI on Dated Date:			January 15, 2027 201.66452	January 15, 2028 209.49645	January 15, 2029 214.69971	February 15, 2040 216.13950
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.56500	1.50649	1.46998	1.46019	
March 2 2025	315.67165	1.56533	1.50681	1.47029	1.46050	
March 3 2025	315.73829	1.56566	1.50713	1.47060	1.46081	
March 4 2025	315.80494	1.56599	1.50745	1.47091	1.46112	
March 5 2025	315.87158	1.56632	1.50777	1.47122	1.46142	
March 6 2025	315.93823	1.56665	1.50808	1.47154	1.46173	
March 7 2025	316.00487	1.56698	1.50840	1.47185	1.46204	
March 8 2025	316.07152	1.56731	1.50872	1.47216	1.46235	
March 9 2025	316.13816	1.56764	1.50904	1.47247	1.46266	
March 10 2025	316.20481	1.56797	1.50936	1.47278	1.46297	
March 11 2025	316.27145	1.56830	1.50967	1.47309	1.46327	
March 12 2025	316.33810	1.56864	1.50999	1.47340	1.46358	
March 13 2025	316.40474	1.56897	1.51031	1.47371	1.46389	
March 14 2025	316.47139	1.56930	1.51063	1.47402	1.46420	
March 15 2025	316.53803	1.56963	1.51095	1.47433	1.46451	
March 16 2025	316.60468	1.56996	1.51127	1.47464	1.46482	
March 17 2025	316.67132	1.57029	1.51158	1.47495	1.46512	
March 18 2025	316.73797	1.57062	1.51190	1.47526	1.46543	
March 19 2025	316.80461	1.57095	1.51222	1.47557	1.46574	
March 20 2025	316.87126	1.57128	1.51254	1.47588	1.46605	
March 21 2025	316.93790	1.57161	1.51286	1.47619	1.46636	
March 22 2025	317.00455	1.57194	1.51317	1.47650	1.46667	
March 23 2025	317.07119	1.57227	1.51349	1.47681	1.46697	
March 24 2025	317.13784	1.57260	1.51381	1.47712	1.46728	
March 25 2025	317.20448	1.57293	1.51413	1.47743	1.46759	
March 26 2025	317.27113	1.57326	1.51445	1.47774	1.46790	
March 27 2025	317.33777	1.57359	1.51476	1.47805	1.46821	
March 28 2025	317.40442	1.57392	1.51508	1.47836	1.46852	
March 29 2025	317.47106	1.57425	1.51540	1.47867	1.46882	
March 30 2025	317.53771	1.57458	1.51572	1.47899	1.46913	
March 31 2025	317.60435	1.57491	1.51604	1.47930	1.46944	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-5/8% 30-Year TIPS TIPS of February 2043 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013	1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014
Maturity Date: Ref CPI on Dated Date:			February 15, 2041 218.99100	February 15, 2042 225.96062	February 15, 2043 229.91100	February 15, 2044 233.05900
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.44118	1.39673	1.37273	1.35418	
March 2 2025	315.67165	1.44148	1.39702	1.37302	1.35447	
March 3 2025	315.73829	1.44179	1.39732	1.37331	1.35476	
March 4 2025	315.80494	1.44209	1.39761	1.37360	1.35504	
March 5 2025	315.87158	1.44240	1.39791	1.37389	1.35533	
March 6 2025	315.93823	1.44270	1.39820	1.37418	1.35561	
March 7 2025	316.00487	1.44300	1.39850	1.37447	1.35590	
March 8 2025	316.07152	1.44331	1.39879	1.37476	1.35619	
March 9 2025	316.13816	1.44361	1.39909	1.37505	1.35647	
March 10 2025	316.20481	1.44392	1.39938	1.37534	1.35676	
March 11 2025	316.27145	1.44422	1.39968	1.37563	1.35704	
March 12 2025	316.33810	1.44453	1.39997	1.37592	1.35733	
March 13 2025	316.40474	1.44483	1.40026	1.37621	1.35762	
March 14 2025	316.47139	1.44513	1.40056	1.37650	1.35790	
March 15 2025	316.53803	1.44544	1.40085	1.37679	1.35819	
March 16 2025	316.60468	1.44574	1.40115	1.37707	1.35847	
March 17 2025	316.67132	1.44605	1.40144	1.37736	1.35876	
March 18 2025	316.73797	1.44635	1.40174	1.37765	1.35905	
March 19 2025	316.80461	1.44666	1.40203	1.37794	1.35933	
March 20 2025	316.87126	1.44696	1.40233	1.37823	1.35962	
March 21 2025	316.93790	1.44726	1.40262	1.37852	1.35990	
March 22 2025	317.00455	1.44757	1.40292	1.37881	1.36019	
March 23 2025	317.07119	1.44787	1.40321	1.37910	1.36048	
March 24 2025	317.13784	1.44818	1.40351	1.37939	1.36076	
March 25 2025	317.20448	1.44848	1.40380	1.37968	1.36105	
March 26 2025	317.27113	1.44879	1.40410	1.37997	1.36133	
March 27 2025	317.33777	1.44909	1.40439	1.38026	1.36162	
March 28 2025	317.40442	1.44939	1.40469	1.38055	1.36191	
March 29 2025	317.47106	1.44970	1.40498	1.38084	1.36219	
March 30 2025	317.53771	1.45000	1.40528	1.38113	1.36248	
March 31 2025	317.60435	1.45031	1.40557	1.38142	1.36276	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	1% 30-Year TIPS TIPS of February 2046 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016
Maturity Date: Ref CPI on Dated Date:			February 15, 2045 235.48150	July 15, 2025 237.14365	January 15, 2026 237.61129	February 15, 2046 236.94448
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.34025	1.33086	1.32824	1.33198	
March 2 2025	315.67165	1.34054	1.33114	1.32852	1.33226	
March 3 2025	315.73829	1.34082	1.33142	1.32880	1.33254	
March 4 2025	315.80494	1.34110	1.33170	1.32908	1.33282	
March 5 2025	315.87158	1.34139	1.33198	1.32936	1.33310	
March 6 2025	315.93823	1.34167	1.33227	1.32964	1.33339	
March 7 2025	316.00487	1.34195	1.33255	1.32992	1.33367	
March 8 2025	316.07152	1.34224	1.33283	1.33020	1.33395	
March 9 2025	316.13816	1.34252	1.33311	1.33048	1.33423	
March 10 2025	316.20481	1.34280	1.33339	1.33077	1.33451	
March 11 2025	316.27145	1.34308	1.33367	1.33105	1.33479	
March 12 2025	316.33810	1.34337	1.33395	1.33133	1.33507	
March 13 2025	316.40474	1.34365	1.33423	1.33161	1.33535	
March 14 2025	316.47139	1.34393	1.33451	1.33189	1.33564	
March 15 2025	316.53803	1.34422	1.33479	1.33217	1.33592	
March 16 2025	316.60468	1.34450	1.33508	1.33245	1.33620	
March 17 2025	316.67132	1.34478	1.33536	1.33273	1.33648	
March 18 2025	316.73797	1.34507	1.33564	1.33301	1.33676	
March 19 2025	316.80461	1.34535	1.33592	1.33329	1.33704	
March 20 2025	316.87126	1.34563	1.33620	1.33357	1.33732	
March 21 2025	316.93790	1.34591	1.33648	1.33385	1.33760	
March 22 2025	317.00455	1.34620	1.33676	1.33413	1.33789	
March 23 2025	317.07119	1.34648	1.33704	1.33441	1.33817	
March 24 2025	317.13784	1.34676	1.33732	1.33469	1.33845	
March 25 2025	317.20448	1.34705	1.33760	1.33497	1.33873	
March 26 2025	317.27113	1.34733	1.33789	1.33525	1.33901	
March 27 2025	317.33777	1.34761	1.33817	1.33553	1.33929	
March 28 2025	317.40442	1.34790	1.33845	1.33581	1.33957	
March 29 2025	317.47106	1.34818	1.33873	1.33609	1.33985	
March 30 2025	317.53771	1.34846	1.33901	1.33637	1.34014	
March 31 2025	317.60435	1.34874	1.33929	1.33666	1.34042	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-7/8% 30-Year TIPS TIPS of February 2047 912810RW0 February 15, 2017 February 28, 2017 June 30, 2017 October 31, 2017	0-3/8% 10-Year TIPS Series D-2027 912828L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017
Maturity Date: Ref CPI on Dated Date:			July 15, 2026 239.70132	January 15, 2027 241.55919	February 15, 2047 241.39250	July 15, 2027 244.61839
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.31666	1.30653	1.30743	1.29019	
March 2 2025	315.67165	1.31694	1.30681	1.30771	1.29047	
March 3 2025	315.73829	1.31722	1.30708	1.30799	1.29074	
March 4 2025	315.80494	1.31749	1.30736	1.30826	1.29101	
March 5 2025	315.87158	1.31777	1.30764	1.30854	1.29128	
March 6 2025	315.93823	1.31805	1.30791	1.30882	1.29156	
March 7 2025	316.00487	1.31833	1.30819	1.30909	1.29183	
March 8 2025	316.07152	1.31861	1.30846	1.30937	1.29210	
March 9 2025	316.13816	1.31888	1.30874	1.30964	1.29237	
March 10 2025	316.20481	1.31916	1.30902	1.30992	1.29265	
March 11 2025	316.27145	1.31944	1.30929	1.31020	1.29292	
March 12 2025	316.33810	1.31972	1.30957	1.31047	1.29319	
March 13 2025	316.40474	1.32000	1.30984	1.31075	1.29346	
March 14 2025	316.47139	1.32027	1.31012	1.31102	1.29374	
March 15 2025	316.53803	1.32055	1.31040	1.31130	1.29401	
March 16 2025	316.60468	1.32083	1.31067	1.31158	1.29428	
March 17 2025	316.67132	1.32111	1.31095	1.31185	1.29455	
March 18 2025	316.73797	1.32139	1.31122	1.31213	1.29482	
March 19 2025	316.80461	1.32166	1.31150	1.31240	1.29510	
March 20 2025	316.87126	1.32194	1.31177	1.31268	1.29537	
March 21 2025	316.93790	1.32222	1.31205	1.31296	1.29564	
March 22 2025	317.00455	1.32250	1.31233	1.31323	1.29591	
March 23 2025	317.07119	1.32278	1.31260	1.31351	1.29619	
March 24 2025	317.13784	1.32305	1.31288	1.31378	1.29646	
March 25 2025	317.20448	1.32333	1.31315	1.31406	1.29673	
March 26 2025	317.27113	1.32361	1.31343	1.31434	1.29700	
March 27 2025	317.33777	1.32389	1.31371	1.31461	1.29728	
March 28 2025	317.40442	1.32417	1.31398	1.31489	1.29755	
March 29 2025	317.47106	1.32444	1.31426	1.31517	1.29782	
March 30 2025	317.53771	1.32472	1.31453	1.31544	1.29809	
March 31 2025	317.60435	1.32500	1.31481	1.31572	1.29837	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

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	0-3/4% 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:			January 15, 2028 246.66571	February 15, 2048 246.59650	July 15, 2028 251.01658	January 15, 2029 252.50248
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.27948	1.27984	1.25731	1.24991	
March 2 2025	315.67165	1.27975	1.28011	1.25757	1.25017	
March 3 2025	315.73829	1.28003	1.28038	1.25784	1.25044	
March 4 2025	315.80494	1.28030	1.28065	1.25810	1.25070	
March 5 2025	315.87158	1.28057	1.28092	1.25837	1.25096	
March 6 2025	315.93823	1.28084	1.28120	1.25863	1.25123	
March 7 2025	316.00487	1.28111	1.28147	1.25890	1.25149	
March 8 2025	316.07152	1.28138	1.28174	1.25917	1.25176	
March 9 2025	316.13816	1.28165	1.28201	1.25943	1.25202	
March 10 2025	316.20481	1.28192	1.28228	1.25970	1.25228	
March 11 2025	316.27145	1.28219	1.28255	1.25996	1.25255	
March 12 2025	316.33810	1.28246	1.28282	1.26023	1.25281	
March 13 2025	316.40474	1.28273	1.28309	1.26049	1.25308	
March 14 2025	316.47139	1.28300	1.28336	1.26076	1.25334	
March 15 2025	316.53803	1.28327	1.28363	1.26102	1.25360	
March 16 2025	316.60468	1.28354	1.28390	1.26129	1.25387	
March 17 2025	316.67132	1.28381	1.28417	1.26156	1.25413	
March 18 2025	316.73797	1.28408	1.28444	1.26182	1.25440	
March 19 2025	316.80461	1.28435	1.28471	1.26209	1.25466	
March 20 2025	316.87126	1.28462	1.28498	1.26235	1.25492	
March 21 2025	316.93790	1.28489	1.28525	1.26262	1.25519	
March 22 2025	317.00455	1.28516	1.28552	1.26288	1.25545	
March 23 2025	317.07119	1.28543	1.28579	1.26315	1.25572	
March 24 2025	317.13784	1.28570	1.28606	1.26341	1.25598	
March 25 2025	317.20448	1.28597	1.28633	1.26368	1.25624	
March 26 2025	317.27113	1.28624	1.28660	1.26394	1.25651	
March 27 2025	317.33777	1.28651	1.28687	1.26421	1.25677	
March 28 2025	317.40442	1.28678	1.28714	1.26448	1.25703	
March 29 2025	317.47106	1.28705	1.28741	1.26474	1.25730	
March 30 2025	317.53771	1.28732	1.28768	1.26501	1.25756	
March 31 2025	317.60435	1.28759	1.28795	1.26527	1.25783	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

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	0-1/4% 10-Year TIPS Series D-2029 9128287D6 July 15, 2019 July 31, 2019 September 30, 2019 November 29, 2019	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
Maturity Date: Ref CPI on Dated Date:			February 15, 2049 251.63550	July 15, 2029 255.79368	January 15, 2030 257.28368	February 15, 2050 257.09503
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.25421	1.23383	1.22668	1.22758	
March 2 2025	315.67165	1.25448	1.23409	1.22694	1.22784	
March 3 2025	315.73829	1.25474	1.23435	1.22720	1.22810	
March 4 2025	315.80494	1.25501	1.23461	1.22746	1.22836	
March 5 2025	315.87158	1.25527	1.23487	1.22772	1.22862	
March 6 2025	315.93823	1.25554	1.23513	1.22798	1.22888	
March 7 2025	316.00487	1.25580	1.23539	1.22824	1.22914	
March 8 2025	316.07152	1.25607	1.23565	1.22849	1.22940	
March 9 2025	316.13816	1.25633	1.23591	1.22875	1.22965	
March 10 2025	316.20481	1.25660	1.23617	1.22901	1.22991	
March 11 2025	316.27145	1.25686	1.23643	1.22927	1.23017	
March 12 2025	316.33810	1.25713	1.23669	1.22953	1.23043	
March 13 2025	316.40474	1.25739	1.23695	1.22979	1.23069	
March 14 2025	316.47139	1.25766	1.23721	1.23005	1.23095	
March 15 2025	316.53803	1.25792	1.23747	1.23031	1.23121	
March 16 2025	316.60468	1.25819	1.23773	1.23057	1.23147	
March 17 2025	316.67132	1.25845	1.23800	1.23083	1.23173	
March 18 2025	316.73797	1.25872	1.23826	1.23108	1.23199	
March 19 2025	316.80461	1.25898	1.23852	1.23134	1.23225	
March 20 2025	316.87126	1.25925	1.23878	1.23160	1.23251	
March 21 2025	316.93790	1.25951	1.23904	1.23186	1.23277	
March 22 2025	317.00455	1.25978	1.23930	1.23212	1.23302	
March 23 2025	317.07119	1.26004	1.23956	1.23238	1.23328	
March 24 2025	317.13784	1.26031	1.23982	1.23264	1.23354	
March 25 2025	317.20448	1.26057	1.24008	1.23290	1.23380	
March 26 2025	317.27113	1.26084	1.24034	1.23316	1.23406	
March 27 2025	317.33777	1.26110	1.24060	1.23342	1.23432	
March 28 2025	317.40442	1.26137	1.24086	1.23367	1.23458	
March 29 2025	317.47106	1.26163	1.24112	1.23393	1.23484	
March 30 2025	317.53771	1.26190	1.24138	1.23419	1.23510	
March 31 2025	317.60435	1.26216	1.24164	1.23445	1.23536	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			April 15, 2025 258.30093	July 15, 2030 256.39126	October 15, 2025 259.46997	January 15, 2031 260.31619
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.22185	1.23095	1.21634	1.21239	
March 2 2025	315.67165	1.22211	1.23121	1.21660	1.21265	
March 3 2025	315.73829	1.22237	1.23147	1.21686	1.21290	
March 4 2025	315.80494	1.22262	1.23173	1.21712	1.21316	
March 5 2025	315.87158	1.22288	1.23199	1.21737	1.21342	
March 6 2025	315.93823	1.22314	1.23225	1.21763	1.21367	
March 7 2025	316.00487	1.22340	1.23251	1.21789	1.21393	
March 8 2025	316.07152	1.22366	1.23277	1.21814	1.21418	
March 9 2025	316.13816	1.22391	1.23303	1.21840	1.21444	
March 10 2025	316.20481	1.22417	1.23329	1.21866	1.21470	
March 11 2025	316.27145	1.22443	1.23355	1.21891	1.21495	
March 12 2025	316.33810	1.22469	1.23381	1.21917	1.21521	
March 13 2025	316.40474	1.22495	1.23407	1.21943	1.21546	
March 14 2025	316.47139	1.22520	1.23433	1.21968	1.21572	
March 15 2025	316.53803	1.22546	1.23459	1.21994	1.21598	
March 16 2025	316.60468	1.22572	1.23485	1.22020	1.21623	
March 17 2025	316.67132	1.22598	1.23511	1.22045	1.21649	
March 18 2025	316.73797	1.22624	1.23537	1.22071	1.21674	
March 19 2025	316.80461	1.22649	1.23563	1.22097	1.21700	
March 20 2025	316.87126	1.22675	1.23589	1.22123	1.21726	
March 21 2025	316.93790	1.22701	1.23615	1.22148	1.21751	
March 22 2025	317.00455	1.22727	1.23641	1.22174	1.21777	
March 23 2025	317.07119	1.22753	1.23667	1.22200	1.21802	
March 24 2025	317.13784	1.22778	1.23693	1.22225	1.21828	
March 25 2025	317.20448	1.22804	1.23719	1.22251	1.21854	
March 26 2025	317.27113	1.22830	1.23745	1.22277	1.21879	
March 27 2025	317.33777	1.22856	1.23771	1.22302	1.21905	
March 28 2025	317.40442	1.22882	1.23797	1.22328	1.21930	
March 29 2025	317.47106	1.22907	1.23823	1.22354	1.21956	
March 30 2025	317.53771	1.22933	1.23849	1.22379	1.21982	
March 31 2025	317.60435	1.22959	1.23875	1.22405	1.22007	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>



**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/8% 30-Year TIPS TIPS of February 2051 912810SV1 February 15, 2021 February 26, 2021 August 31, 2021	0-1/8% 5-Year TIPS Series X-2026 91282CCA7 April 15, 2021 April 30, 2021 June 30, 2021	0-1/8% 10-Year TIPS Series D-2031 91282CCM1 July 15, 2021 July 30, 2021 September 30, 2021 November 30, 2021	0-1/8% 5-Year TIPS Series AE-2026 91282CDC2 October 15, 2021 October 29, 2021 December 31, 2021
Maturity Date: Ref CPI on Dated Date:			February 15, 2051 260.35150	April 15, 2026 262.25027	July 15, 2031 268.02090	October 15, 2026 273.25771
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.21223	1.20345	1.17754	1.15497	
March 2 2025	315.67165	1.21248	1.20370	1.17779	1.15522	
March 3 2025	315.73829	1.21274	1.20396	1.17804	1.15546	
March 4 2025	315.80494	1.21299	1.20421	1.17828	1.15570	
March 5 2025	315.87158	1.21325	1.20447	1.17853	1.15595	
March 6 2025	315.93823	1.21351	1.20472	1.17878	1.15619	
March 7 2025	316.00487	1.21376	1.20497	1.17903	1.15644	
March 8 2025	316.07152	1.21402	1.20523	1.17928	1.15668	
March 9 2025	316.13816	1.21427	1.20548	1.17953	1.15692	
March 10 2025	316.20481	1.21453	1.20574	1.17978	1.15717	
March 11 2025	316.27145	1.21479	1.20599	1.18003	1.15741	
March 12 2025	316.33810	1.21504	1.20625	1.18027	1.15765	
March 13 2025	316.40474	1.21530	1.20650	1.18052	1.15790	
March 14 2025	316.47139	1.21555	1.20675	1.18077	1.15814	
March 15 2025	316.53803	1.21581	1.20701	1.18102	1.15839	
March 16 2025	316.60468	1.21607	1.20726	1.18127	1.15863	
March 17 2025	316.67132	1.21632	1.20752	1.18152	1.15887	
March 18 2025	316.73797	1.21658	1.20777	1.18177	1.15912	
March 19 2025	316.80461	1.21683	1.20802	1.18201	1.15936	
March 20 2025	316.87126	1.21709	1.20828	1.18226	1.15961	
March 21 2025	316.93790	1.21735	1.20853	1.18251	1.15985	
March 22 2025	317.00455	1.21760	1.20879	1.18276	1.16009	
March 23 2025	317.07119	1.21786	1.20904	1.18301	1.16034	
March 24 2025	317.13784	1.21811	1.20929	1.18326	1.16058	
March 25 2025	317.20448	1.21837	1.20955	1.18351	1.16083	
March 26 2025	317.27113	1.21863	1.20980	1.18376	1.16107	
March 27 2025	317.33777	1.21888	1.21006	1.18400	1.16131	
March 28 2025	317.40442	1.21914	1.21031	1.18425	1.16156	
March 29 2025	317.47106	1.21939	1.21057	1.18450	1.16180	
March 30 2025	317.53771	1.21965	1.21082	1.18475	1.16204	
March 31 2025	317.60435	1.21991	1.21107	1.18500	1.16229	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/8% 10-Year TIPS Series A-2032 91282CDX6 January 15, 2022 January 31, 2022 March 31, 2022 May 31, 2022	0-1/8% 30-Year TIPS TIPS of February 2052 912810TE8 February 15, 2022 February 28, 2022 August 31, 2022	0-1/8% 5-Year TIPS Series X-2027 91282CEJ6 April 15, 2022 April 29, 2022 June 30, 2022	0-5/8% 10-Year TIPS Series D-2032 91282CEZ0 July 15, 2022 July 29, 2022 September 30, 2022 November 30, 2022
Maturity Date: Ref CPI on Dated Date:			January 15, 2032 277.20274	February 15, 2052 278.37500	April 15, 2027 282.34640	July 15, 2032 290.54829
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.13853	1.13374	1.11779	1.08624	
March 2 2025	315.67165	1.13878	1.13398	1.11803	1.08647	
March 3 2025	315.73829	1.13902	1.13422	1.11827	1.08670	
March 4 2025	315.80494	1.13926	1.13446	1.11850	1.08693	
March 5 2025	315.87158	1.13950	1.13470	1.11874	1.08716	
March 6 2025	315.93823	1.13974	1.13494	1.11897	1.08739	
March 7 2025	316.00487	1.13998	1.13518	1.11921	1.08762	
March 8 2025	316.07152	1.14022	1.13542	1.11945	1.08785	
March 9 2025	316.13816	1.14046	1.13566	1.11968	1.08807	
March 10 2025	316.20481	1.14070	1.13590	1.11992	1.08830	
March 11 2025	316.27145	1.14094	1.13613	1.12015	1.08853	
March 12 2025	316.33810	1.14118	1.13637	1.12039	1.08876	
March 13 2025	316.40474	1.14142	1.13661	1.12063	1.08899	
March 14 2025	316.47139	1.14166	1.13685	1.12086	1.08922	
March 15 2025	316.53803	1.14190	1.13709	1.12110	1.08945	
March 16 2025	316.60468	1.14214	1.13733	1.12133	1.08968	
March 17 2025	316.67132	1.14238	1.13757	1.12157	1.08991	
March 18 2025	316.73797	1.14262	1.13781	1.12181	1.09014	
March 19 2025	316.80461	1.14286	1.13805	1.12204	1.09037	
March 20 2025	316.87126	1.14310	1.13829	1.12228	1.09060	
March 21 2025	316.93790	1.14334	1.13853	1.12251	1.09083	
March 22 2025	317.00455	1.14358	1.13877	1.12275	1.09106	
March 23 2025	317.07119	1.14382	1.13901	1.12299	1.09129	
March 24 2025	317.13784	1.14406	1.13925	1.12322	1.09152	
March 25 2025	317.20448	1.14430	1.13949	1.12346	1.09174	
March 26 2025	317.27113	1.14455	1.13973	1.12369	1.09197	
March 27 2025	317.33777	1.14479	1.13997	1.12393	1.09220	
March 28 2025	317.40442	1.14503	1.14020	1.12417	1.09243	
March 29 2025	317.47106	1.14527	1.14044	1.12440	1.09266	
March 30 2025	317.53771	1.14551	1.14068	1.12464	1.09289	
March 31 2025	317.60435	1.14575	1.14092	1.12487	1.09312	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1-5/8% 5-Year TIPS Series AE-2027 91282CFR7 October 15, 2022 October 31, 2022 December 30, 2022	1-1/8% 10-Year TIPS Series A-2033 91282CGK1 January 15, 2023 January 31, 2023 March 31, 2023 May 31, 2023	1-1/2% 30-Year TIPS TIPS of February 2053 912810TP3 February 15, 2023 February 28, 2023 August 31, 2023	1-1/4% 5-Year TIPS Series X-2028 91282CGW5 April 15, 2023 April 28, 2023 June 30, 2023
Maturity Date: Ref CPI on Dated Date:			October 15, 2027 296.22858	January 15, 2033 297.87606	February 15, 2053 297.25400	April 15, 2028 299.94933
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.06541	1.05952	1.06174	1.05219	
March 2 2025	315.67165	1.06564	1.05974	1.06196	1.05242	
March 3 2025	315.73829	1.06586	1.05997	1.06218	1.05264	
March 4 2025	315.80494	1.06609	1.06019	1.06241	1.05286	
March 5 2025	315.87158	1.06631	1.06041	1.06263	1.05308	
March 6 2025	315.93823	1.06654	1.06064	1.06286	1.05331	
March 7 2025	316.00487	1.06676	1.06086	1.06308	1.05353	
March 8 2025	316.07152	1.06699	1.06108	1.06330	1.05375	
March 9 2025	316.13816	1.06721	1.06131	1.06353	1.05397	
March 10 2025	316.20481	1.06744	1.06153	1.06375	1.05419	
March 11 2025	316.27145	1.06766	1.06176	1.06398	1.05442	
March 12 2025	316.33810	1.06789	1.06198	1.06420	1.05464	
March 13 2025	316.40474	1.06811	1.06220	1.06443	1.05486	
March 14 2025	316.47139	1.06834	1.06243	1.06465	1.05508	
March 15 2025	316.53803	1.06856	1.06265	1.06487	1.05531	
March 16 2025	316.60468	1.06879	1.06287	1.06510	1.05553	
March 17 2025	316.67132	1.06901	1.06310	1.06532	1.05575	
March 18 2025	316.73797	1.06924	1.06332	1.06555	1.05597	
March 19 2025	316.80461	1.06946	1.06355	1.06577	1.05619	
March 20 2025	316.87126	1.06968	1.06377	1.06599	1.05642	
March 21 2025	316.93790	1.06991	1.06399	1.06622	1.05664	
March 22 2025	317.00455	1.07013	1.06422	1.06644	1.05686	
March 23 2025	317.07119	1.07036	1.06444	1.06667	1.05708	
March 24 2025	317.13784	1.07058	1.06466	1.06689	1.05730	
March 25 2025	317.20448	1.07081	1.06489	1.06712	1.05753	
March 26 2025	317.27113	1.07103	1.06511	1.06734	1.05775	
March 27 2025	317.33777	1.07126	1.06533	1.06756	1.05797	
March 28 2025	317.40442	1.07148	1.06556	1.06779	1.05819	
March 29 2025	317.47106	1.07171	1.06578	1.06801	1.05842	
March 30 2025	317.53771	1.07193	1.06601	1.06824	1.05864	
March 31 2025	317.60435	1.07216	1.06623	1.06846	1.05886	
<b>CPI-U (NSA) for:</b>			<b>November 2024 315.493</b>	<b>December 2024 315.605</b>	<b>January 2025 317.671</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1-3/8% 10-Year TIPS Series D-2033 91282CHP9 July 15, 2023 July 31, 2023 September 29, 2023 November 30, 2023	2-3/8% 5-Year TIPS Series AE-2028 91282CJH5 October 15, 2023 October 31, 2023 December 29, 2023	1-3/4% 10-Year TIPS Series A-2034 91282CJY8 January 15, 2024 January 31, 2024 March 28, 2024 May 31, 2024	2-1/8% 30-Year TIPS TIPS of February 2054 912810TY4 February 15, 2024 February 29, 2024 August 30, 2024
Maturity Date: Ref CPI on Dated Date:			July 15, 2033 303.70803	October 15, 2028 306.29390	January 15, 2034 307.39100	February 15, 2054 306.90376
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.03917	1.03040	1.02672	1.02835	
March 2 2025	315.67165	1.03939	1.03062	1.02694	1.02857	
March 3 2025	315.73829	1.03961	1.03083	1.02716	1.02879	
March 4 2025	315.80494	1.03983	1.03105	1.02737	1.02900	
March 5 2025	315.87158	1.04005	1.03127	1.02759	1.02922	
March 6 2025	315.93823	1.04027	1.03149	1.02781	1.02944	
March 7 2025	316.00487	1.04049	1.03170	1.02802	1.02965	
March 8 2025	316.07152	1.04071	1.03192	1.02824	1.02987	
March 9 2025	316.13816	1.04093	1.03214	1.02846	1.03009	
March 10 2025	316.20481	1.04115	1.03236	1.02867	1.03031	
March 11 2025	316.27145	1.04137	1.03258	1.02889	1.03052	
March 12 2025	316.33810	1.04159	1.03279	1.02911	1.03074	
March 13 2025	316.40474	1.04181	1.03301	1.02932	1.03096	
March 14 2025	316.47139	1.04203	1.03323	1.02954	1.03117	
March 15 2025	316.53803	1.04224	1.03345	1.02976	1.03139	
March 16 2025	316.60468	1.04246	1.03366	1.02997	1.03161	
March 17 2025	316.67132	1.04268	1.03388	1.03019	1.03183	
March 18 2025	316.73797	1.04290	1.03410	1.03041	1.03204	
March 19 2025	316.80461	1.04312	1.03432	1.03062	1.03226	
March 20 2025	316.87126	1.04334	1.03453	1.03084	1.03248	
March 21 2025	316.93790	1.04356	1.03475	1.03106	1.03269	
March 22 2025	317.00455	1.04378	1.03497	1.03127	1.03291	
March 23 2025	317.07119	1.04400	1.03519	1.03149	1.03313	
March 24 2025	317.13784	1.04422	1.03540	1.03171	1.03335	
March 25 2025	317.20448	1.04444	1.03562	1.03193	1.03356	
March 26 2025	317.27113	1.04466	1.03584	1.03214	1.03378	
March 27 2025	317.33777	1.04488	1.03606	1.03236	1.03400	
March 28 2025	317.40442	1.04510	1.03627	1.03258	1.03421	
March 29 2025	317.47106	1.04532	1.03649	1.03279	1.03443	
March 30 2025	317.53771	1.04554	1.03671	1.03301	1.03465	
March 31 2025	317.60435	1.04576	1.03693	1.03323	1.03487	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2025**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2-1/8% 5-Year TIPS Series X-2029 91282CKL4 April 15, 2024 April 30, 2024 June 28, 2024	1-7/8% 10-Year TIPS Series D-2034 91282CLE9 July 15, 2024 July 31, 2024 September 30, 2024 November 29, 2024	1-5/8% 5-Year TIPS Series AE-2029 91282CLV1 October 15, 2024 October 31, 2024 December 31, 2024	2-1/8% 10-Year TIPS Series A-2035 91282CML2 January 15, 2025 January 31, 2025
Maturity Date: Ref CPI on Dated Date:			April 15, 2029 309.30787	July 15, 2034 313.78329	October 15, 2029 314.65561	January 15, 2035 315.58677
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2025	315.60500	1.02036	1.00581	1.00302	1.00006	
March 2 2025	315.67165	1.02057	1.00602	1.00323	1.00027	
March 3 2025	315.73829	1.02079	1.00623	1.00344	1.00048	
March 4 2025	315.80494	1.02101	1.00644	1.00365	1.00069	
March 5 2025	315.87158	1.02122	1.00666	1.00386	1.00090	
March 6 2025	315.93823	1.02144	1.00687	1.00408	1.00111	
March 7 2025	316.00487	1.02165	1.00708	1.00429	1.00132	
March 8 2025	316.07152	1.02187	1.00729	1.00450	1.00154	
March 9 2025	316.13816	1.02208	1.00750	1.00471	1.00175	
March 10 2025	316.20481	1.02230	1.00772	1.00492	1.00196	
March 11 2025	316.27145	1.02251	1.00793	1.00514	1.00217	
March 12 2025	316.33810	1.02273	1.00814	1.00535	1.00238	
March 13 2025	316.40474	1.02294	1.00835	1.00556	1.00259	
March 14 2025	316.47139	1.02316	1.00857	1.00577	1.00280	
March 15 2025	316.53803	1.02338	1.00878	1.00598	1.00301	
March 16 2025	316.60468	1.02359	1.00899	1.00619	1.00323	
March 17 2025	316.67132	1.02381	1.00920	1.00641	1.00344	
March 18 2025	316.73797	1.02402	1.00942	1.00662	1.00365	
March 19 2025	316.80461	1.02424	1.00963	1.00683	1.00386	
March 20 2025	316.87126	1.02445	1.00984	1.00704	1.00407	
March 21 2025	316.93790	1.02467	1.01005	1.00725	1.00428	
March 22 2025	317.00455	1.02488	1.01027	1.00747	1.00449	
March 23 2025	317.07119	1.02510	1.01048	1.00768	1.00470	
March 24 2025	317.13784	1.02531	1.01069	1.00789	1.00491	
March 25 2025	317.20448	1.02553	1.01090	1.00810	1.00513	
March 26 2025	317.27113	1.02575	1.01112	1.00831	1.00534	
March 27 2025	317.33777	1.02596	1.01133	1.00852	1.00555	
March 28 2025	317.40442	1.02618	1.01154	1.00874	1.00576	
March 29 2025	317.47106	1.02639	1.01175	1.00895	1.00597	
March 30 2025	317.53771	1.02661	1.01197	1.00916	1.00618	
March 31 2025	317.60435	1.02682	1.01218	1.00937	1.00639	
<b>CPI-U (NSA) for:</b>	<b>November 2024</b>	<b>315.493</b>	<b>December 2024</b>	<b>315.605</b>	<b>January 2025</b>	<b>317.671</b>