

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
June 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: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				TIPS of April 2028 912810FD5 April 15, 1998 April 15, 1998 July 15, 1998	TIPS of April 2029 912810FH6 April 15, 1999 April 15, 1999 October 15, 1999 October 16, 2000	TIPS of April 2032 912810FQ6 October 15, 2001 October 15, 2001	TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006	
Maturity Date: Ref CPI on Dated Date:				April 15, 2028 161.74000	April 15, 2029 164.39333	April 15, 2032 177.50000	January 15, 2026 198.47742	
Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June	1	2025	319.79900	1.97724	1.94533	1.80168	1.61126	
June	2	2025	319.83220	1.97745	1.94553	1.80187	1.61143	
June	3	2025	319.86540	1.97765	1.94573	1.80206	1.61160	
June	4	2025	319.89860	1.97786	1.94593	1.80225	1.61176	
June	5	2025	319.93180	1.97806	1.94614	1.80243	1.61193	
June	6	2025	319.96500	1.97827	1.94634	1.80262	1.61210	
June	7	2025	319.99820	1.97847	1.94654	1.80281	1.61227	
June	8	2025	320.03140	1.97868	1.94674	1.80299	1.61243	
June	9	2025	320.06460	1.97888	1.94694	1.80318	1.61260	
June	10	2025	320.09780	1.97909	1.94715	1.80337	1.61277	
June	11	2025	320.13100	1.97929	1.94735	1.80355	1.61293	
June	12	2025	320.16420	1.97950	1.94755	1.80374	1.61310	
June	13	2025	320.19740	1.97970	1.94775	1.80393	1.61327	
June	14	2025	320.23060	1.97991	1.94795	1.80412	1.61344	
June	15	2025	320.26380	1.98011	1.94816	1.80430	1.61360	
June	16	2025	320.29700	1.98032	1.94836	1.80449	1.61377	
June	17	2025	320.33020	1.98053	1.94856	1.80468	1.61394	
June	18	2025	320.36340	1.98073	1.94876	1.80486	1.61411	
June	19	2025	320.39660	1.98094	1.94896	1.80505	1.61427	
June	20	2025	320.42980	1.98114	1.94917	1.80524	1.61444	
June	21	2025	320.46300	1.98135	1.94937	1.80543	1.61461	
June	22	2025	320.49620	1.98155	1.94957	1.80561	1.61477	
June	23	2025	320.52940	1.98176	1.94977	1.80580	1.61494	
June	24	2025	320.56260	1.98196	1.94997	1.80599	1.61511	
June	25	2025	320.59580	1.98217	1.95018	1.80617	1.61528	
June	26	2025	320.62900	1.98237	1.95038	1.80636	1.61544	
June	27	2025	320.66220	1.98258	1.95058	1.80655	1.61561	
June	28	2025	320.69540	1.98278	1.95078	1.80673	1.61578	
June	29	2025	320.72860	1.98299	1.95098	1.80692	1.61595	
June	30	2025	320.76180	1.98319	1.95119	1.80711	1.61611	
CPI-U (NSA) for:			February 2025	319.082	March 2025	319.799	April 2025	320.795

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

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:				2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007 January 15, 2027 201.66452	1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008 January 15, 2028 209.49645	2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971	2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010 February 15, 2040 216.13950
Date		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June	1 2025	319.79900	1.58580	1.52651	1.48952	1.47960	
June	2 2025	319.83220	1.58596	1.52667	1.48967	1.47975	
June	3 2025	319.86540	1.58613	1.52683	1.48983	1.47990	
June	4 2025	319.89860	1.58629	1.52699	1.48998	1.48006	
June	5 2025	319.93180	1.58646	1.52715	1.49014	1.48021	
June	6 2025	319.96500	1.58662	1.52731	1.49029	1.48036	
June	7 2025	319.99820	1.58678	1.52746	1.49045	1.48052	
June	8 2025	320.03140	1.58695	1.52762	1.49060	1.48067	
June	9 2025	320.06460	1.58711	1.52778	1.49075	1.48082	
June	10 2025	320.09780	1.58728	1.52794	1.49091	1.48098	
June	11 2025	320.13100	1.58744	1.52810	1.49106	1.48113	
June	12 2025	320.16420	1.58761	1.52826	1.49122	1.48129	
June	13 2025	320.19740	1.58777	1.52841	1.49137	1.48144	
June	14 2025	320.23060	1.58794	1.52857	1.49153	1.48159	
June	15 2025	320.26380	1.58810	1.52873	1.49168	1.48175	
June	16 2025	320.29700	1.58827	1.52889	1.49184	1.48190	
June	17 2025	320.33020	1.58843	1.52905	1.49199	1.48205	
June	18 2025	320.36340	1.58860	1.52921	1.49215	1.48221	
June	19 2025	320.39660	1.58876	1.52937	1.49230	1.48236	
June	20 2025	320.42980	1.58893	1.52952	1.49246	1.48251	
June	21 2025	320.46300	1.58909	1.52968	1.49261	1.48267	
June	22 2025	320.49620	1.58925	1.52984	1.49276	1.48282	
June	23 2025	320.52940	1.58942	1.53000	1.49292	1.48297	
June	24 2025	320.56260	1.58958	1.53016	1.49307	1.48313	
June	25 2025	320.59580	1.58975	1.53032	1.49323	1.48328	
June	26 2025	320.62900	1.58991	1.53047	1.49338	1.48344	
June	27 2025	320.66220	1.59008	1.53063	1.49354	1.48359	
June	28 2025	320.69540	1.59024	1.53079	1.49369	1.48374	
June	29 2025	320.72860	1.59041	1.53095	1.49385	1.48390	
June	30 2025	320.76180	1.59057	1.53111	1.49400	1.48405	
CPI-U (NSA) for:		February 2025	319.082	March 2025	319.799	April 2025	320.795

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

June 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
June	1	2025	319.79900	1.46033	1.41529	1.39097	1.37218	
June	2	2025	319.83220	1.46048	1.41543	1.39111	1.37232	
June	3	2025	319.86540	1.46063	1.41558	1.39126	1.37247	
June	4	2025	319.89860	1.46078	1.41573	1.39140	1.37261	
June	5	2025	319.93180	1.46094	1.41587	1.39155	1.37275	
June	6	2025	319.96500	1.46109	1.41602	1.39169	1.37289	
June	7	2025	319.99820	1.46124	1.41617	1.39184	1.37304	
June	8	2025	320.03140	1.46139	1.41631	1.39198	1.37318	
June	9	2025	320.06460	1.46154	1.41646	1.39212	1.37332	
June	10	2025	320.09780	1.46169	1.41661	1.39227	1.37346	
June	11	2025	320.13100	1.46185	1.41676	1.39241	1.37360	
June	12	2025	320.16420	1.46200	1.41690	1.39256	1.37375	
June	13	2025	320.19740	1.46215	1.41705	1.39270	1.37389	
June	14	2025	320.23060	1.46230	1.41720	1.39285	1.37403	
June	15	2025	320.26380	1.46245	1.41734	1.39299	1.37417	
June	16	2025	320.29700	1.46260	1.41749	1.39313	1.37432	
June	17	2025	320.33020	1.46276	1.41764	1.39328	1.37446	
June	18	2025	320.36340	1.46291	1.41778	1.39342	1.37460	
June	19	2025	320.39660	1.46306	1.41793	1.39357	1.37474	
June	20	2025	320.42980	1.46321	1.41808	1.39371	1.37489	
June	21	2025	320.46300	1.46336	1.41822	1.39386	1.37503	
June	22	2025	320.49620	1.46351	1.41837	1.39400	1.37517	
June	23	2025	320.52940	1.46366	1.41852	1.39415	1.37531	
June	24	2025	320.56260	1.46382	1.41867	1.39429	1.37546	
June	25	2025	320.59580	1.46397	1.41881	1.39443	1.37560	
June	26	2025	320.62900	1.46412	1.41896	1.39458	1.37574	
June	27	2025	320.66220	1.46427	1.41911	1.39472	1.37588	
June	28	2025	320.69540	1.46442	1.41925	1.39487	1.37603	
June	29	2025	320.72860	1.46457	1.41940	1.39501	1.37617	
June	30	2025	320.76180	1.46473	1.41955	1.39516	1.37631	
CPI-U (NSA) for:				February 2025 319.082	March 2025 319.799	April 2025	320.795	

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

June 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
June	1	2025	319.79900	1.35806	1.34855	1.34589	1.34968	
June	2	2025	319.83220	1.35821	1.34869	1.34603	1.34982	
June	3	2025	319.86540	1.35835	1.34883	1.34617	1.34996	
June	4	2025	319.89860	1.35849	1.34897	1.34631	1.35010	
June	5	2025	319.93180	1.35863	1.34911	1.34645	1.35024	
June	6	2025	319.96500	1.35877	1.34925	1.34659	1.35038	
June	7	2025	319.99820	1.35891	1.34939	1.34673	1.35052	
June	8	2025	320.03140	1.35905	1.34953	1.34687	1.35066	
June	9	2025	320.06460	1.35919	1.34967	1.34701	1.35080	
June	10	2025	320.09780	1.35933	1.34981	1.34715	1.35094	
June	11	2025	320.13100	1.35947	1.34995	1.34729	1.35108	
June	12	2025	320.16420	1.35962	1.35009	1.34743	1.35122	
June	13	2025	320.19740	1.35976	1.35023	1.34757	1.35136	
June	14	2025	320.23060	1.35990	1.35037	1.34771	1.35150	
June	15	2025	320.26380	1.36004	1.35051	1.34785	1.35164	
June	16	2025	320.29700	1.36018	1.35065	1.34799	1.35178	
June	17	2025	320.33020	1.36032	1.35079	1.34813	1.35192	
June	18	2025	320.36340	1.36046	1.35093	1.34827	1.35206	
June	19	2025	320.39660	1.36060	1.35107	1.34841	1.35220	
June	20	2025	320.42980	1.36074	1.35121	1.34855	1.35234	
June	21	2025	320.46300	1.36088	1.35135	1.34869	1.35248	
June	22	2025	320.49620	1.36102	1.35149	1.34883	1.35262	
June	23	2025	320.52940	1.36117	1.35163	1.34897	1.35276	
June	24	2025	320.56260	1.36131	1.35177	1.34911	1.35290	
June	25	2025	320.59580	1.36145	1.35191	1.34924	1.35304	
June	26	2025	320.62900	1.36159	1.35205	1.34938	1.35318	
June	27	2025	320.66220	1.36173	1.35219	1.34952	1.35332	
June	28	2025	320.69540	1.36187	1.35233	1.34966	1.35346	
June	29	2025	320.72860	1.36201	1.35247	1.34980	1.35360	
June	30	2025	320.76180	1.36215	1.35261	1.34994	1.35374	
CPI-U (NSA) for:				February 2025 319.082	March 2025 319.799	April 2025 320.795		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
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June 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 912828ZL3 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	
June	1	2025	319.79900	1.33416	1.32389	1.32481	1.30734		
June	2	2025	319.83220	1.33429	1.32403	1.32495	1.30747		
June	3	2025	319.86540	1.33443	1.32417	1.32508	1.30761		
June	4	2025	319.89860	1.33457	1.32431	1.32522	1.30775		
June	5	2025	319.93180	1.33471	1.32444	1.32536	1.30788		
June	6	2025	319.96500	1.33485	1.32458	1.32550	1.30802		
June	7	2025	319.99820	1.33499	1.32472	1.32563	1.30815		
June	8	2025	320.03140	1.33513	1.32486	1.32577	1.30829		
June	9	2025	320.06460	1.33526	1.32499	1.32591	1.30842		
June	10	2025	320.09780	1.33540	1.32513	1.32605	1.30856		
June	11	2025	320.13100	1.33554	1.32527	1.32618	1.30870		
June	12	2025	320.16420	1.33568	1.32541	1.32632	1.30883		
June	13	2025	320.19740	1.33582	1.32554	1.32646	1.30897		
June	14	2025	320.23060	1.33596	1.32568	1.32660	1.30910		
June	15	2025	320.26380	1.33610	1.32582	1.32673	1.30924		
June	16	2025	320.29700	1.33623	1.32596	1.32687	1.30937		
June	17	2025	320.33020	1.33637	1.32609	1.32701	1.30951		
June	18	2025	320.36340	1.33651	1.32623	1.32715	1.30965		
June	19	2025	320.39660	1.33665	1.32637	1.32728	1.30978		
June	20	2025	320.42980	1.33679	1.32651	1.32742	1.30992		
June	21	2025	320.46300	1.33693	1.32664	1.32756	1.31005		
June	22	2025	320.49620	1.33706	1.32678	1.32770	1.31019		
June	23	2025	320.52940	1.33720	1.32692	1.32783	1.31032		
June	24	2025	320.56260	1.33734	1.32706	1.32797	1.31046		
June	25	2025	320.59580	1.33748	1.32719	1.32811	1.31060		
June	26	2025	320.62900	1.33762	1.32733	1.32825	1.31073		
June	27	2025	320.66220	1.33776	1.32747	1.32839	1.31087		
June	28	2025	320.69540	1.33790	1.32761	1.32852	1.31100		
June	29	2025	320.72860	1.33803	1.32774	1.32866	1.31114		
June	30	2025	320.76180	1.33817	1.32788	1.32880	1.31127		
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

June 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	
June	1	2025	319.79900	1.29649	1.29685	1.27402	1.26652		
June	2	2025	319.83220	1.29662	1.29699	1.27415	1.26665		
June	3	2025	319.86540	1.29676	1.29712	1.27428	1.26678		
June	4	2025	319.89860	1.29689	1.29726	1.27441	1.26691		
June	5	2025	319.93180	1.29703	1.29739	1.27454	1.26704		
June	6	2025	319.96500	1.29716	1.29752	1.27468	1.26718		
June	7	2025	319.99820	1.29730	1.29766	1.27481	1.26731		
June	8	2025	320.03140	1.29743	1.29779	1.27494	1.26744		
June	9	2025	320.06460	1.29756	1.29793	1.27507	1.26757		
June	10	2025	320.09780	1.29770	1.29806	1.27521	1.26770		
June	11	2025	320.13100	1.29783	1.29820	1.27534	1.26783		
June	12	2025	320.16420	1.29797	1.29833	1.27547	1.26796		
June	13	2025	320.19740	1.29810	1.29847	1.27560	1.26810		
June	14	2025	320.23060	1.29824	1.29860	1.27573	1.26823		
June	15	2025	320.26380	1.29837	1.29874	1.27587	1.26836		
June	16	2025	320.29700	1.29851	1.29887	1.27600	1.26849		
June	17	2025	320.33020	1.29864	1.29901	1.27613	1.26862		
June	18	2025	320.36340	1.29878	1.29914	1.27626	1.26875		
June	19	2025	320.39660	1.29891	1.29927	1.27640	1.26888		
June	20	2025	320.42980	1.29904	1.29941	1.27653	1.26902		
June	21	2025	320.46300	1.29918	1.29954	1.27666	1.26915		
June	22	2025	320.49620	1.29931	1.29968	1.27679	1.26928		
June	23	2025	320.52940	1.29945	1.29981	1.27693	1.26941		
June	24	2025	320.56260	1.29958	1.29995	1.27706	1.26954		
June	25	2025	320.59580	1.29972	1.30008	1.27719	1.26967		
June	26	2025	320.62900	1.29985	1.30022	1.27732	1.26981		
June	27	2025	320.66220	1.29999	1.30035	1.27745	1.26994		
June	28	2025	320.69540	1.30012	1.30049	1.27759	1.27007		
June	29	2025	320.72860	1.30026	1.30062	1.27772	1.27020		
June	30	2025	320.76180	1.30039	1.30076	1.27785	1.27033		
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795

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Ref CPI and Index Ratios for
June 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	
June	1	2025	319.79900	1.27088	1.25022	1.24298	1.24389				
June	2	2025	319.83220	1.27101	1.25035	1.24311	1.24402				
June	3	2025	319.86540	1.27115	1.25048	1.24324	1.24415				
June	4	2025	319.89860	1.27128	1.25061	1.24337	1.24428				
June	5	2025	319.93180	1.27141	1.25074	1.24350	1.24441				
June	6	2025	319.96500	1.27154	1.25087	1.24363	1.24454				
June	7	2025	319.99820	1.27167	1.25100	1.24376	1.24467				
June	8	2025	320.03140	1.27181	1.25113	1.24389	1.24480				
June	9	2025	320.06460	1.27194	1.25126	1.24401	1.24493				
June	10	2025	320.09780	1.27207	1.25139	1.24414	1.24506				
June	11	2025	320.13100	1.27220	1.25152	1.24427	1.24519				
June	12	2025	320.16420	1.27233	1.25165	1.24440	1.24531				
June	13	2025	320.19740	1.27247	1.25178	1.24453	1.24544				
June	14	2025	320.23060	1.27260	1.25191	1.24466	1.24557				
June	15	2025	320.26380	1.27273	1.25204	1.24479	1.24570				
June	16	2025	320.29700	1.27286	1.25217	1.24492	1.24583				
June	17	2025	320.33020	1.27299	1.25230	1.24505	1.24596				
June	18	2025	320.36340	1.27312	1.25243	1.24518	1.24609				
June	19	2025	320.39660	1.27326	1.25256	1.24530	1.24622				
June	20	2025	320.42980	1.27339	1.25269	1.24543	1.24635				
June	21	2025	320.46300	1.27352	1.25282	1.24556	1.24648				
June	22	2025	320.49620	1.27365	1.25295	1.24569	1.24661				
June	23	2025	320.52940	1.27378	1.25308	1.24582	1.24674				
June	24	2025	320.56260	1.27392	1.25321	1.24595	1.24686				
June	25	2025	320.59580	1.27405	1.25334	1.24608	1.24699				
June	26	2025	320.62900	1.27418	1.25347	1.24621	1.24712				
June	27	2025	320.66220	1.27431	1.25360	1.24634	1.24725				
June	28	2025	320.69540	1.27444	1.25373	1.24647	1.24738				
June	29	2025	320.72860	1.27458	1.25386	1.24660	1.24751				
June	30	2025	320.76180	1.27471	1.25399	1.24672	1.24764				
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

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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 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		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	
June	1	2025	319.79900	1.24731	1.23251	1.22850	1.22834				
June	2	2025	319.83220	1.24744	1.23264	1.22863	1.22846				
June	3	2025	319.86540	1.24757	1.23276	1.22876	1.22859				
June	4	2025	319.89860	1.24770	1.23289	1.22888	1.22872				
June	5	2025	319.93180	1.24783	1.23302	1.22901	1.22885				
June	6	2025	319.96500	1.24796	1.23315	1.22914	1.22897				
June	7	2025	319.99820	1.24809	1.23328	1.22927	1.22910				
June	8	2025	320.03140	1.24821	1.23340	1.22939	1.22923				
June	9	2025	320.06460	1.24834	1.23353	1.22952	1.22936				
June	10	2025	320.09780	1.24847	1.23366	1.22965	1.22948				
June	11	2025	320.13100	1.24860	1.23379	1.22978	1.22961				
June	12	2025	320.16420	1.24873	1.23392	1.22991	1.22974				
June	13	2025	320.19740	1.24886	1.23404	1.23003	1.22987				
June	14	2025	320.23060	1.24899	1.23417	1.23016	1.22999				
June	15	2025	320.26380	1.24912	1.23430	1.23029	1.23012				
June	16	2025	320.29700	1.24925	1.23443	1.23042	1.23025				
June	17	2025	320.33020	1.24938	1.23456	1.23054	1.23038				
June	18	2025	320.36340	1.24951	1.23468	1.23067	1.23050				
June	19	2025	320.39660	1.24964	1.23481	1.23080	1.23063				
June	20	2025	320.42980	1.24977	1.23494	1.23093	1.23076				
June	21	2025	320.46300	1.24990	1.23507	1.23105	1.23089				
June	22	2025	320.49620	1.25003	1.23520	1.23118	1.23101				
June	23	2025	320.52940	1.25016	1.23532	1.23131	1.23114				
June	24	2025	320.56260	1.25029	1.23545	1.23144	1.23127				
June	25	2025	320.59580	1.25042	1.23558	1.23156	1.23140				
June	26	2025	320.62900	1.25055	1.23571	1.23169	1.23152				
June	27	2025	320.66220	1.25068	1.23584	1.23182	1.23165				
June	28	2025	320.69540	1.25080	1.23596	1.23195	1.23178				
June	29	2025	320.72860	1.25093	1.23609	1.23207	1.23191				
June	30	2025	320.76180	1.25106	1.23622	1.23220	1.23203				
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
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Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				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	0-1/8% 10-Year TIPS Series A-2032 91282CDX6 January 15, 2022 January 31, 2022 March 31, 2022 May 31, 2022		
Maturity Date: Ref CPI on Dated Date:				April 15, 2026 262.25027	July 15, 2031 268.02090	October 15, 2026 273.25771	January 15, 2032 277.20274		
Date				Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June	1	2025	319.79900	1.21944	1.19319	1.17032	1.15366		
June	2	2025	319.83220	1.21957	1.19331	1.17044	1.15378		
June	3	2025	319.86540	1.21970	1.19343	1.17056	1.15390		
June	4	2025	319.89860	1.21982	1.19356	1.17068	1.15402		
June	5	2025	319.93180	1.21995	1.19368	1.17081	1.15414		
June	6	2025	319.96500	1.22008	1.19381	1.17093	1.15426		
June	7	2025	319.99820	1.22020	1.19393	1.17105	1.15438		
June	8	2025	320.03140	1.22033	1.19405	1.17117	1.15450		
June	9	2025	320.06460	1.22045	1.19418	1.17129	1.15462		
June	10	2025	320.09780	1.22058	1.19430	1.17141	1.15474		
June	11	2025	320.13100	1.22071	1.19443	1.17154	1.15486		
June	12	2025	320.16420	1.22083	1.19455	1.17166	1.15498		
June	13	2025	320.19740	1.22096	1.19467	1.17178	1.15510		
June	14	2025	320.23060	1.22109	1.19480	1.17190	1.15522		
June	15	2025	320.26380	1.22121	1.19492	1.17202	1.15534		
June	16	2025	320.29700	1.22134	1.19504	1.17214	1.15546		
June	17	2025	320.33020	1.22147	1.19517	1.17226	1.15558		
June	18	2025	320.36340	1.22159	1.19529	1.17239	1.15570		
June	19	2025	320.39660	1.22172	1.19542	1.17251	1.15582		
June	20	2025	320.42980	1.22185	1.19554	1.17263	1.15594		
June	21	2025	320.46300	1.22197	1.19566	1.17275	1.15606		
June	22	2025	320.49620	1.22210	1.19579	1.17287	1.15618		
June	23	2025	320.52940	1.22223	1.19591	1.17299	1.15630		
June	24	2025	320.56260	1.22235	1.19604	1.17311	1.15642		
June	25	2025	320.59580	1.22248	1.19616	1.17324	1.15654		
June	26	2025	320.62900	1.22261	1.19628	1.17336	1.15666		
June	27	2025	320.66220	1.22273	1.19641	1.17348	1.15678		
June	28	2025	320.69540	1.22286	1.19653	1.17360	1.15690		
June	29	2025	320.72860	1.22299	1.19666	1.17372	1.15702		
June	30	2025	320.76180	1.22311	1.19678	1.17384	1.15714		
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
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Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				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	1-5/8% 5-Year TIPS Series AE-2027 91282CFR7 October 15, 2022 October 31, 2022 December 30, 2022		
Maturity Date: Ref CPI on Dated Date:				February 15, 2052 278.37500	April 15, 2027 282.34640	July 15, 2032 290.54829	October 15, 2027 296.22858		
Date				Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June	1	2025	319.79900	1.14881	1.13265	1.10067	1.07957		
June	2	2025	319.83220	1.14893	1.13277	1.10079	1.07968		
June	3	2025	319.86540	1.14904	1.13288	1.10090	1.07979		
June	4	2025	319.89860	1.14916	1.13300	1.10102	1.07990		
June	5	2025	319.93180	1.14928	1.13312	1.10113	1.08002		
June	6	2025	319.96500	1.14940	1.13324	1.10125	1.08013		
June	7	2025	319.99820	1.14952	1.13335	1.10136	1.08024		
June	8	2025	320.03140	1.14964	1.13347	1.10147	1.08035		
June	9	2025	320.06460	1.14976	1.13359	1.10159	1.08046		
June	10	2025	320.09780	1.14988	1.13371	1.10170	1.08058		
June	11	2025	320.13100	1.15000	1.13382	1.10182	1.08069		
June	12	2025	320.16420	1.15012	1.13394	1.10193	1.08080		
June	13	2025	320.19740	1.15024	1.13406	1.10205	1.08091		
June	14	2025	320.23060	1.15036	1.13418	1.10216	1.08103		
June	15	2025	320.26380	1.15048	1.13429	1.10227	1.08114		
June	16	2025	320.29700	1.15060	1.13441	1.10239	1.08125		
June	17	2025	320.33020	1.15071	1.13453	1.10250	1.08136		
June	18	2025	320.36340	1.15083	1.13465	1.10262	1.08147		
June	19	2025	320.39660	1.15095	1.13476	1.10273	1.08159		
June	20	2025	320.42980	1.15107	1.13488	1.10285	1.08170		
June	21	2025	320.46300	1.15119	1.13500	1.10296	1.08181		
June	22	2025	320.49620	1.15131	1.13512	1.10307	1.08192		
June	23	2025	320.52940	1.15143	1.13523	1.10319	1.08203		
June	24	2025	320.56260	1.15155	1.13535	1.10330	1.08215		
June	25	2025	320.59580	1.15167	1.13547	1.10342	1.08226		
June	26	2025	320.62900	1.15179	1.13559	1.10353	1.08237		
June	27	2025	320.66220	1.15191	1.13570	1.10365	1.08248		
June	28	2025	320.69540	1.15203	1.13582	1.10376	1.08259		
June	29	2025	320.72860	1.15215	1.13594	1.10387	1.08271		
June	30	2025	320.76180	1.15227	1.13606	1.10399	1.08282		
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
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Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				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	1-3/8% 10-Year TIPS Series D-2033 91282CHP9 July 15, 2023 July 31, 2023 September 29, 2023 November 30, 2023		
Maturity Date: Ref CPI on Dated Date:				January 15, 2033 297.87606	February 15, 2053 297.25400	April 15, 2028 299.94933	July 15, 2033 303.70803		
Date				Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June	1	2025	319.79900	1.07360	1.07584	1.06618	1.05298		
June	2	2025	319.83220	1.07371	1.07596	1.06629	1.05309		
June	3	2025	319.86540	1.07382	1.07607	1.06640	1.05320		
June	4	2025	319.89860	1.07393	1.07618	1.06651	1.05331		
June	5	2025	319.93180	1.07404	1.07629	1.06662	1.05342		
June	6	2025	319.96500	1.07415	1.07640	1.06673	1.05353		
June	7	2025	319.99820	1.07427	1.07651	1.06684	1.05364		
June	8	2025	320.03140	1.07438	1.07663	1.06695	1.05375		
June	9	2025	320.06460	1.07449	1.07674	1.06706	1.05386		
June	10	2025	320.09780	1.07460	1.07685	1.06717	1.05397		
June	11	2025	320.13100	1.07471	1.07696	1.06728	1.05407		
June	12	2025	320.16420	1.07482	1.07707	1.06739	1.05418		
June	13	2025	320.19740	1.07493	1.07718	1.06750	1.05429		
June	14	2025	320.23060	1.07505	1.07730	1.06762	1.05440		
June	15	2025	320.26380	1.07516	1.07741	1.06773	1.05451		
June	16	2025	320.29700	1.07527	1.07752	1.06784	1.05462		
June	17	2025	320.33020	1.07538	1.07763	1.06795	1.05473		
June	18	2025	320.36340	1.07549	1.07774	1.06806	1.05484		
June	19	2025	320.39660	1.07560	1.07785	1.06817	1.05495		
June	20	2025	320.42980	1.07572	1.07797	1.06828	1.05506		
June	21	2025	320.46300	1.07583	1.07808	1.06839	1.05517		
June	22	2025	320.49620	1.07594	1.07819	1.06850	1.05528		
June	23	2025	320.52940	1.07605	1.07830	1.06861	1.05539		
June	24	2025	320.56260	1.07616	1.07841	1.06872	1.05550		
June	25	2025	320.59580	1.07627	1.07852	1.06883	1.05561		
June	26	2025	320.62900	1.07638	1.07864	1.06894	1.05571		
June	27	2025	320.66220	1.07650	1.07875	1.06905	1.05582		
June	28	2025	320.69540	1.07661	1.07886	1.06917	1.05593		
June	29	2025	320.72860	1.07672	1.07897	1.06928	1.05604		
June	30	2025	320.76180	1.07683	1.07908	1.06939	1.05615		
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795

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

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				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		2-1/8% 5-Year TIPS Series X-2029 91282CKL4 April 15, 2024 April 30, 2024 June 28, 2024	
Maturity Date: Ref CPI on Dated Date:				October 15, 2028 306.29390		January 15, 2034 307.39100		February 15, 2054 306.90376		April 15, 2029 309.30787	
Date				Ref CPI	Index Ratio		Index Ratio		Index Ratio		Index Ratio
June	1	2025	319.79900	1.04409		1.04037		1.04202		1.03392	
June	2	2025	319.83220	1.04420		1.04047		1.04213		1.03403	
June	3	2025	319.86540	1.04431		1.04058		1.04223		1.03413	
June	4	2025	319.89860	1.04442		1.04069		1.04234		1.03424	
June	5	2025	319.93180	1.04453		1.04080		1.04245		1.03435	
June	6	2025	319.96500	1.04463		1.04091		1.04256		1.03445	
June	7	2025	319.99820	1.04474		1.04101		1.04267		1.03456	
June	8	2025	320.03140	1.04485		1.04112		1.04277		1.03467	
June	9	2025	320.06460	1.04496		1.04123		1.04288		1.03478	
June	10	2025	320.09780	1.04507		1.04134		1.04299		1.03488	
June	11	2025	320.13100	1.04518		1.04145		1.04310		1.03499	
June	12	2025	320.16420	1.04528		1.04155		1.04321		1.03510	
June	13	2025	320.19740	1.04539		1.04166		1.04332		1.03521	
June	14	2025	320.23060	1.04550		1.04177		1.04342		1.03531	
June	15	2025	320.26380	1.04561		1.04188		1.04353		1.03542	
June	16	2025	320.29700	1.04572		1.04199		1.04364		1.03553	
June	17	2025	320.33020	1.04583		1.04209		1.04375		1.03564	
June	18	2025	320.36340	1.04593		1.04220		1.04386		1.03574	
June	19	2025	320.39660	1.04604		1.04231		1.04396		1.03585	
June	20	2025	320.42980	1.04615		1.04242		1.04407		1.03596	
June	21	2025	320.46300	1.04626		1.04253		1.04418		1.03606	
June	22	2025	320.49620	1.04637		1.04263		1.04429		1.03617	
June	23	2025	320.52940	1.04648		1.04274		1.04440		1.03628	
June	24	2025	320.56260	1.04658		1.04285		1.04451		1.03639	
June	25	2025	320.59580	1.04669		1.04296		1.04461		1.03649	
June	26	2025	320.62900	1.04680		1.04307		1.04472		1.03660	
June	27	2025	320.66220	1.04691		1.04317		1.04483		1.03671	
June	28	2025	320.69540	1.04702		1.04328		1.04494		1.03682	
June	29	2025	320.72860	1.04713		1.04339		1.04505		1.03692	
June	30	2025	320.76180	1.04724		1.04350		1.04515		1.03703	
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

June 2025

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):				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 March 31, 2025		2-3/8% 30-Year TIPS TIPS of February 2055 912810UH9 February 15, 2025 February 28, 2025	
Maturity Date: Ref CPI on Dated Date:				July 15, 2034 313.78329		October 15, 2029 314.65561		January 15, 2035 315.58677		February 15, 2055 315.54900	
Date				Ref CPI		Index Ratio		Index Ratio		Index Ratio	
June	1	2025	319.79900	1.01917	1.01635	1.01335	1.01347				
June	2	2025	319.83220	1.01928	1.01645	1.01345	1.01357				
June	3	2025	319.86540	1.01938	1.01656	1.01356	1.01368				
June	4	2025	319.89860	1.01949	1.01666	1.01366	1.01378				
June	5	2025	319.93180	1.01959	1.01677	1.01377	1.01389				
June	6	2025	319.96500	1.01970	1.01687	1.01387	1.01399				
June	7	2025	319.99820	1.01981	1.01698	1.01398	1.01410				
June	8	2025	320.03140	1.01991	1.01708	1.01408	1.01421				
June	9	2025	320.06460	1.02002	1.01719	1.01419	1.01431				
June	10	2025	320.09780	1.02012	1.01730	1.01429	1.01442				
June	11	2025	320.13100	1.02023	1.01740	1.01440	1.01452				
June	12	2025	320.16420	1.02034	1.01751	1.01450	1.01463				
June	13	2025	320.19740	1.02044	1.01761	1.01461	1.01473				
June	14	2025	320.23060	1.02055	1.01772	1.01471	1.01484				
June	15	2025	320.26380	1.02065	1.01782	1.01482	1.01494				
June	16	2025	320.29700	1.02076	1.01793	1.01493	1.01505				
June	17	2025	320.33020	1.02086	1.01803	1.01503	1.01515				
June	18	2025	320.36340	1.02097	1.01814	1.01514	1.01526				
June	19	2025	320.39660	1.02108	1.01825	1.01524	1.01536				
June	20	2025	320.42980	1.02118	1.01835	1.01535	1.01547				
June	21	2025	320.46300	1.02129	1.01846	1.01545	1.01557				
June	22	2025	320.49620	1.02139	1.01856	1.01556	1.01568				
June	23	2025	320.52940	1.02150	1.01867	1.01566	1.01578				
June	24	2025	320.56260	1.02161	1.01877	1.01577	1.01589				
June	25	2025	320.59580	1.02171	1.01888	1.01587	1.01599				
June	26	2025	320.62900	1.02182	1.01898	1.01598	1.01610				
June	27	2025	320.66220	1.02192	1.01909	1.01608	1.01620				
June	28	2025	320.69540	1.02203	1.01919	1.01619	1.01631				
June	29	2025	320.72860	1.02213	1.01930	1.01629	1.01641				
June	30	2025	320.76180	1.02224	1.01941	1.01640	1.01652				
CPI-U (NSA) for:				February 2025	319.082	March 2025	319.799	April 2025	320.795		

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

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:			1-5/8% 5-Year TIPS Series X-2030 91282CNB3 April 15, 2025 April 30, 2025 April 15, 2030 318.32947			
Date			Ref CPI	Index Ratio		
June	1	2025	319.79900	1.00462		
June	2	2025	319.83220	1.00472		
June	3	2025	319.86540	1.00482		
June	4	2025	319.89860	1.00493		
June	5	2025	319.93180	1.00503		
June	6	2025	319.96500	1.00514		
June	7	2025	319.99820	1.00524		
June	8	2025	320.03140	1.00535		
June	9	2025	320.06460	1.00545		
June	10	2025	320.09780	1.00556		
June	11	2025	320.13100	1.00566		
June	12	2025	320.16420	1.00576		
June	13	2025	320.19740	1.00587		
June	14	2025	320.23060	1.00597		
June	15	2025	320.26380	1.00608		
June	16	2025	320.29700	1.00618		
June	17	2025	320.33020	1.00629		
June	18	2025	320.36340	1.00639		
June	19	2025	320.39660	1.00649		
June	20	2025	320.42980	1.00660		
June	21	2025	320.46300	1.00670		
June	22	2025	320.49620	1.00681		
June	23	2025	320.52940	1.00691		
June	24	2025	320.56260	1.00702		
June	25	2025	320.59580	1.00712		
June	26	2025	320.62900	1.00722		
June	27	2025	320.66220	1.00733		
June	28	2025	320.69540	1.00743		
June	29	2025	320.72860	1.00754		
June	30	2025	320.76180	1.00764		
CPI-U (NSA) for:			February 2025	319.082	March 2025	319.799
					April 2025	320.795