

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
April 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	
April	1	2025	317.67100	1.96408	1.93238	1.78970	1.60054	
April	2	2025	317.71803	1.96438	1.93267	1.78996	1.60078	
April	3	2025	317.76507	1.96467	1.93296	1.79023	1.60101	
April	4	2025	317.81210	1.96496	1.93324	1.79049	1.60125	
April	5	2025	317.85913	1.96525	1.93353	1.79076	1.60149	
April	6	2025	317.90617	1.96554	1.93381	1.79102	1.60172	
April	7	2025	317.95320	1.96583	1.93410	1.79129	1.60196	
April	8	2025	318.00023	1.96612	1.93439	1.79155	1.60220	
April	9	2025	318.04727	1.96641	1.93467	1.79182	1.60244	
April	10	2025	318.09430	1.96670	1.93496	1.79208	1.60267	
April	11	2025	318.14133	1.96699	1.93524	1.79235	1.60291	
April	12	2025	318.18837	1.96728	1.93553	1.79261	1.60315	
April	13	2025	318.23540	1.96757	1.93582	1.79288	1.60338	
April	14	2025	318.28243	1.96786	1.93610	1.79314	1.60362	
April	15	2025	318.32947	1.96816	1.93639	1.79341	1.60386	
April	16	2025	318.37650	1.96845	1.93668	1.79367	1.60409	
April	17	2025	318.42353	1.96874	1.93696	1.79394	1.60433	
April	18	2025	318.47057	1.96903	1.93725	1.79420	1.60457	
April	19	2025	318.51760	1.96932	1.93753	1.79447	1.60481	
April	20	2025	318.56463	1.96961	1.93782	1.79473	1.60504	
April	21	2025	318.61167	1.96990	1.93811	1.79500	1.60528	
April	22	2025	318.65870	1.97019	1.93839	1.79526	1.60552	
April	23	2025	318.70573	1.97048	1.93868	1.79553	1.60575	
April	24	2025	318.75277	1.97077	1.93896	1.79579	1.60599	
April	25	2025	318.79980	1.97106	1.93925	1.79606	1.60623	
April	26	2025	318.84683	1.97135	1.93954	1.79632	1.60646	
April	27	2025	318.89387	1.97165	1.93982	1.79659	1.60670	
April	28	2025	318.94090	1.97194	1.94011	1.79685	1.60694	
April	29	2025	318.98793	1.97223	1.94039	1.79712	1.60717	
April	30	2025	319.03497	1.97252	1.94068	1.79738	1.60741	
CPI-U (NSA) for:			December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	Index Ratio	Index Ratio	
April	1	2025	317.67100	1.57524	1.51636	1.47961	1.46975				
April	2	2025	317.71803	1.57548	1.51658	1.47983	1.46997				
April	3	2025	317.76507	1.57571	1.51680	1.48004	1.47019				
April	4	2025	317.81210	1.57594	1.51703	1.48026	1.47040				
April	5	2025	317.85913	1.57618	1.51725	1.48048	1.47062				
April	6	2025	317.90617	1.57641	1.51748	1.48070	1.47084				
April	7	2025	317.95320	1.57664	1.51770	1.48092	1.47106				
April	8	2025	318.00023	1.57688	1.51793	1.48114	1.47127				
April	9	2025	318.04727	1.57711	1.51815	1.48136	1.47149				
April	10	2025	318.09430	1.57734	1.51838	1.48158	1.47171				
April	11	2025	318.14133	1.57758	1.51860	1.48180	1.47193				
April	12	2025	318.18837	1.57781	1.51882	1.48202	1.47214				
April	13	2025	318.23540	1.57804	1.51905	1.48223	1.47236				
April	14	2025	318.28243	1.57828	1.51927	1.48245	1.47258				
April	15	2025	318.32947	1.57851	1.51950	1.48267	1.47280				
April	16	2025	318.37650	1.57874	1.51972	1.48289	1.47301				
April	17	2025	318.42353	1.57898	1.51995	1.48311	1.47323				
April	18	2025	318.47057	1.57921	1.52017	1.48333	1.47345				
April	19	2025	318.51760	1.57944	1.52040	1.48355	1.47367				
April	20	2025	318.56463	1.57968	1.52062	1.48377	1.47388				
April	21	2025	318.61167	1.57991	1.52085	1.48399	1.47410				
April	22	2025	318.65870	1.58014	1.52107	1.48421	1.47432				
April	23	2025	318.70573	1.58038	1.52129	1.48443	1.47454				
April	24	2025	318.75277	1.58061	1.52152	1.48464	1.47475				
April	25	2025	318.79980	1.58084	1.52174	1.48486	1.47497				
April	26	2025	318.84683	1.58108	1.52197	1.48508	1.47519				
April	27	2025	318.89387	1.58131	1.52219	1.48530	1.47541				
April	28	2025	318.94090	1.58154	1.52242	1.48552	1.47563				
April	29	2025	318.98793	1.58178	1.52264	1.48574	1.47584				
April	30	2025	319.03497	1.58201	1.52287	1.48596	1.47606				
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.45061	1.40587	1.38171	1.36305		
April	2	2025	317.71803	1.45083	1.40608	1.38192	1.36325		
April	3	2025	317.76507	1.45104	1.40629	1.38212	1.36345		
April	4	2025	317.81210	1.45126	1.40649	1.38233	1.36366		
April	5	2025	317.85913	1.45147	1.40670	1.38253	1.36386		
April	6	2025	317.90617	1.45169	1.40691	1.38274	1.36406		
April	7	2025	317.95320	1.45190	1.40712	1.38294	1.36426		
April	8	2025	318.00023	1.45212	1.40733	1.38314	1.36446		
April	9	2025	318.04727	1.45233	1.40753	1.38335	1.36466		
April	10	2025	318.09430	1.45255	1.40774	1.38355	1.36487		
April	11	2025	318.14133	1.45276	1.40795	1.38376	1.36507		
April	12	2025	318.18837	1.45297	1.40816	1.38396	1.36527		
April	13	2025	318.23540	1.45319	1.40837	1.38417	1.36547		
April	14	2025	318.28243	1.45340	1.40857	1.38437	1.36567		
April	15	2025	318.32947	1.45362	1.40878	1.38458	1.36588		
April	16	2025	318.37650	1.45383	1.40899	1.38478	1.36608		
April	17	2025	318.42353	1.45405	1.40920	1.38499	1.36628		
April	18	2025	318.47057	1.45426	1.40941	1.38519	1.36648		
April	19	2025	318.51760	1.45448	1.40962	1.38540	1.36668		
April	20	2025	318.56463	1.45469	1.40982	1.38560	1.36688		
April	21	2025	318.61167	1.45491	1.41003	1.38580	1.36709		
April	22	2025	318.65870	1.45512	1.41024	1.38601	1.36729		
April	23	2025	318.70573	1.45534	1.41045	1.38621	1.36749		
April	24	2025	318.75277	1.45555	1.41066	1.38642	1.36769		
April	25	2025	318.79980	1.45577	1.41086	1.38662	1.36789		
April	26	2025	318.84683	1.45598	1.41107	1.38683	1.36809		
April	27	2025	318.89387	1.45620	1.41128	1.38703	1.36830		
April	28	2025	318.94090	1.45641	1.41149	1.38724	1.36850		
April	29	2025	318.98793	1.45663	1.41170	1.38744	1.36870		
April	30	2025	319.03497	1.45684	1.41191	1.38765	1.36890		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.34903	1.33957	1.33694	1.34070		
April	2	2025	317.71803	1.34923	1.33977	1.33713	1.34090		
April	3	2025	317.76507	1.34943	1.33997	1.33733	1.34110		
April	4	2025	317.81210	1.34963	1.34017	1.33753	1.34129		
April	5	2025	317.85913	1.34983	1.34037	1.33773	1.34149		
April	6	2025	317.90617	1.35003	1.34056	1.33793	1.34169		
April	7	2025	317.95320	1.35023	1.34076	1.33812	1.34189		
April	8	2025	318.00023	1.35043	1.34096	1.33832	1.34209		
April	9	2025	318.04727	1.35063	1.34116	1.33852	1.34229		
April	10	2025	318.09430	1.35083	1.34136	1.33872	1.34248		
April	11	2025	318.14133	1.35102	1.34156	1.33892	1.34268		
April	12	2025	318.18837	1.35122	1.34175	1.33911	1.34288		
April	13	2025	318.23540	1.35142	1.34195	1.33931	1.34308		
April	14	2025	318.28243	1.35162	1.34215	1.33951	1.34328		
April	15	2025	318.32947	1.35182	1.34235	1.33971	1.34348		
April	16	2025	318.37650	1.35202	1.34255	1.33990	1.34368		
April	17	2025	318.42353	1.35222	1.34275	1.34010	1.34387		
April	18	2025	318.47057	1.35242	1.34294	1.34030	1.34407		
April	19	2025	318.51760	1.35262	1.34314	1.34050	1.34427		
April	20	2025	318.56463	1.35282	1.34334	1.34070	1.34447		
April	21	2025	318.61167	1.35302	1.34354	1.34089	1.34467		
April	22	2025	318.65870	1.35322	1.34374	1.34109	1.34487		
April	23	2025	318.70573	1.35342	1.34394	1.34129	1.34507		
April	24	2025	318.75277	1.35362	1.34413	1.34149	1.34526		
April	25	2025	318.79980	1.35382	1.34433	1.34169	1.34546		
April	26	2025	318.84683	1.35402	1.34453	1.34188	1.34566		
April	27	2025	318.89387	1.35422	1.34473	1.34208	1.34586		
April	28	2025	318.94090	1.35442	1.34493	1.34228	1.34606		
April	29	2025	318.98793	1.35462	1.34513	1.34248	1.34626		
April	30	2025	319.03497	1.35482	1.34532	1.34268	1.34645		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.32528	1.31509	1.31599	1.29864		
April	2	2025	317.71803	1.32547	1.31528	1.31619	1.29883		
April	3	2025	317.76507	1.32567	1.31547	1.31638	1.29902		
April	4	2025	317.81210	1.32587	1.31567	1.31658	1.29922		
April	5	2025	317.85913	1.32606	1.31586	1.31677	1.29941		
April	6	2025	317.90617	1.32626	1.31606	1.31697	1.29960		
April	7	2025	317.95320	1.32646	1.31625	1.31716	1.29979		
April	8	2025	318.00023	1.32665	1.31645	1.31736	1.29998		
April	9	2025	318.04727	1.32685	1.31664	1.31755	1.30018		
April	10	2025	318.09430	1.32704	1.31684	1.31775	1.30037		
April	11	2025	318.14133	1.32724	1.31703	1.31794	1.30056		
April	12	2025	318.18837	1.32744	1.31723	1.31814	1.30075		
April	13	2025	318.23540	1.32763	1.31742	1.31833	1.30095		
April	14	2025	318.28243	1.32783	1.31762	1.31853	1.30114		
April	15	2025	318.32947	1.32803	1.31781	1.31872	1.30133		
April	16	2025	318.37650	1.32822	1.31801	1.31892	1.30152		
April	17	2025	318.42353	1.32842	1.31820	1.31911	1.30172		
April	18	2025	318.47057	1.32861	1.31840	1.31931	1.30191		
April	19	2025	318.51760	1.32881	1.31859	1.31950	1.30210		
April	20	2025	318.56463	1.32901	1.31878	1.31970	1.30229		
April	21	2025	318.61167	1.32920	1.31898	1.31989	1.30248		
April	22	2025	318.65870	1.32940	1.31917	1.32009	1.30268		
April	23	2025	318.70573	1.32960	1.31937	1.32028	1.30287		
April	24	2025	318.75277	1.32979	1.31956	1.32048	1.30306		
April	25	2025	318.79980	1.32999	1.31976	1.32067	1.30325		
April	26	2025	318.84683	1.33018	1.31995	1.32086	1.30345		
April	27	2025	318.89387	1.33038	1.32015	1.32106	1.30364		
April	28	2025	318.94090	1.33058	1.32034	1.32125	1.30383		
April	29	2025	318.98793	1.33077	1.32054	1.32145	1.30402		
April	30	2025	319.03497	1.33097	1.32073	1.32164	1.30421		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.28786	1.28822	1.26554	1.25809	
April	2	2025	317.71803	1.28805	1.28841	1.26573	1.25828	
April	3	2025	317.76507	1.28824	1.28860	1.26591	1.25846	
April	4	2025	317.81210	1.28843	1.28879	1.26610	1.25865	
April	5	2025	317.85913	1.28862	1.28898	1.26629	1.25884	
April	6	2025	317.90617	1.28881	1.28918	1.26647	1.25902	
April	7	2025	317.95320	1.28900	1.28937	1.26666	1.25921	
April	8	2025	318.00023	1.28920	1.28956	1.26685	1.25939	
April	9	2025	318.04727	1.28939	1.28975	1.26704	1.25958	
April	10	2025	318.09430	1.28958	1.28994	1.26722	1.25977	
April	11	2025	318.14133	1.28977	1.29013	1.26741	1.25995	
April	12	2025	318.18837	1.28996	1.29032	1.26760	1.26014	
April	13	2025	318.23540	1.29015	1.29051	1.26779	1.26033	
April	14	2025	318.28243	1.29034	1.29070	1.26797	1.26051	
April	15	2025	318.32947	1.29053	1.29089	1.26816	1.26070	
April	16	2025	318.37650	1.29072	1.29108	1.26835	1.26088	
April	17	2025	318.42353	1.29091	1.29127	1.26854	1.26107	
April	18	2025	318.47057	1.29110	1.29146	1.26872	1.26126	
April	19	2025	318.51760	1.29129	1.29165	1.26891	1.26144	
April	20	2025	318.56463	1.29148	1.29185	1.26910	1.26163	
April	21	2025	318.61167	1.29167	1.29204	1.26929	1.26182	
April	22	2025	318.65870	1.29186	1.29223	1.26947	1.26200	
April	23	2025	318.70573	1.29206	1.29242	1.26966	1.26219	
April	24	2025	318.75277	1.29225	1.29261	1.26985	1.26237	
April	25	2025	318.79980	1.29244	1.29280	1.27003	1.26256	
April	26	2025	318.84683	1.29263	1.29299	1.27022	1.26275	
April	27	2025	318.89387	1.29282	1.29318	1.27041	1.26293	
April	28	2025	318.94090	1.29301	1.29337	1.27060	1.26312	
April	29	2025	318.98793	1.29320	1.29356	1.27078	1.26331	
April	30	2025	319.03497	1.29339	1.29375	1.27097	1.26349	
CPI-U (NSA) for:			December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.26243	1.24190	1.23471	1.23562		
April	2	2025	317.71803	1.26261	1.24209	1.23489	1.23580		
April	3	2025	317.76507	1.26280	1.24227	1.23508	1.23598		
April	4	2025	317.81210	1.26299	1.24245	1.23526	1.23617		
April	5	2025	317.85913	1.26317	1.24264	1.23544	1.23635		
April	6	2025	317.90617	1.26336	1.24282	1.23563	1.23653		
April	7	2025	317.95320	1.26355	1.24301	1.23581	1.23671		
April	8	2025	318.00023	1.26373	1.24319	1.23599	1.23690		
April	9	2025	318.04727	1.26392	1.24337	1.23617	1.23708		
April	10	2025	318.09430	1.26411	1.24356	1.23636	1.23726		
April	11	2025	318.14133	1.26429	1.24374	1.23654	1.23745		
April	12	2025	318.18837	1.26448	1.24393	1.23672	1.23763		
April	13	2025	318.23540	1.26467	1.24411	1.23690	1.23781		
April	14	2025	318.28243	1.26486	1.24429	1.23709	1.23800		
April	15	2025	318.32947	1.26504	1.24448	1.23727	1.23818		
April	16	2025	318.37650	1.26523	1.24466	1.23745	1.23836		
April	17	2025	318.42353	1.26542	1.24485	1.23764	1.23854		
April	18	2025	318.47057	1.26560	1.24503	1.23782	1.23873		
April	19	2025	318.51760	1.26579	1.24521	1.23800	1.23891		
April	20	2025	318.56463	1.26598	1.24540	1.23818	1.23909		
April	21	2025	318.61167	1.26616	1.24558	1.23837	1.23928		
April	22	2025	318.65870	1.26635	1.24576	1.23855	1.23946		
April	23	2025	318.70573	1.26654	1.24595	1.23873	1.23964		
April	24	2025	318.75277	1.26672	1.24613	1.23892	1.23982		
April	25	2025	318.79980	1.26691	1.24632	1.23910	1.24001		
April	26	2025	318.84683	1.26710	1.24650	1.23928	1.24019		
April	27	2025	318.89387	1.26728	1.24668	1.23946	1.24037		
April	28	2025	318.94090	1.26747	1.24687	1.23965	1.24056		
April	29	2025	318.98793	1.26766	1.24705	1.23983	1.24074		
April	30	2025	319.03497	1.26785	1.24724	1.24001	1.24092		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.22985	1.23901	1.22431	1.22033				
April	2	2025	317.71803	1.23003	1.23919	1.22449	1.22051				
April	3	2025	317.76507	1.23021	1.23938	1.22467	1.22069				
April	4	2025	317.81210	1.23039	1.23956	1.22485	1.22087				
April	5	2025	317.85913	1.23058	1.23974	1.22503	1.22105				
April	6	2025	317.90617	1.23076	1.23993	1.22521	1.22123				
April	7	2025	317.95320	1.23094	1.24011	1.22539	1.22141				
April	8	2025	318.00023	1.23112	1.24029	1.22558	1.22159				
April	9	2025	318.04727	1.23131	1.24048	1.22576	1.22177				
April	10	2025	318.09430	1.23149	1.24066	1.22594	1.22195				
April	11	2025	318.14133	1.23167	1.24084	1.22612	1.22213				
April	12	2025	318.18837	1.23185	1.24103	1.22630	1.22231				
April	13	2025	318.23540	1.23203	1.24121	1.22648	1.22250				
April	14	2025	318.28243	1.23222	1.24139	1.22666	1.22268				
April	15	2025	318.32947	1.23240	1.24158	1.22685	1.22286				
April	16	2025	318.37650		1.24176	1.22703	1.22304				
April	17	2025	318.42353		1.24194	1.22721	1.22322				
April	18	2025	318.47057		1.24213	1.22739	1.22340				
April	19	2025	318.51760		1.24231	1.22757	1.22358				
April	20	2025	318.56463		1.24249	1.22775	1.22376				
April	21	2025	318.61167		1.24268	1.22793	1.22394				
April	22	2025	318.65870		1.24286	1.22811	1.22412				
April	23	2025	318.70573		1.24304	1.22830	1.22430				
April	24	2025	318.75277		1.24323	1.22848	1.22448				
April	25	2025	318.79980		1.24341	1.22866	1.22466				
April	26	2025	318.84683		1.24359	1.22884	1.22484				
April	27	2025	318.89387		1.24378	1.22902	1.22503				
April	28	2025	318.94090		1.24396	1.22920	1.22521				
April	29	2025	318.98793		1.24415	1.22938	1.22539				
April	30	2025	319.03497		1.24433	1.22956	1.22557				
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
April 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	
April	1	2025	317.67100	1.22016	1.21133	1.18525	1.16253		
April	2	2025	317.71803	1.22034	1.21151	1.18542	1.16270		
April	3	2025	317.76507	1.22052	1.21169	1.18560	1.16288		
April	4	2025	317.81210	1.22070	1.21187	1.18577	1.16305		
April	5	2025	317.85913	1.22088	1.21205	1.18595	1.16322		
April	6	2025	317.90617	1.22107	1.21222	1.18612	1.16339		
April	7	2025	317.95320	1.22125	1.21240	1.18630	1.16357		
April	8	2025	318.00023	1.22143	1.21258	1.18648	1.16374		
April	9	2025	318.04727	1.22161	1.21276	1.18665	1.16391		
April	10	2025	318.09430	1.22179	1.21294	1.18683	1.16408		
April	11	2025	318.14133	1.22197	1.21312	1.18700	1.16425		
April	12	2025	318.18837	1.22215	1.21330	1.18718	1.16443		
April	13	2025	318.23540	1.22233	1.21348	1.18735	1.16460		
April	14	2025	318.28243	1.22251	1.21366	1.18753	1.16477		
April	15	2025	318.32947	1.22269	1.21384	1.18770	1.16494		
April	16	2025	318.37650	1.22287	1.21402	1.18788	1.16511		
April	17	2025	318.42353	1.22305	1.21420	1.18805	1.16529		
April	18	2025	318.47057	1.22323	1.21438	1.18823	1.16546		
April	19	2025	318.51760	1.22341	1.21456	1.18841	1.16563		
April	20	2025	318.56463	1.22359	1.21474	1.18858	1.16580		
April	21	2025	318.61167	1.22378	1.21491	1.18876	1.16598		
April	22	2025	318.65870	1.22396	1.21509	1.18893	1.16615		
April	23	2025	318.70573	1.22414	1.21527	1.18911	1.16632		
April	24	2025	318.75277	1.22432	1.21545	1.18928	1.16649		
April	25	2025	318.79980	1.22450	1.21563	1.18946	1.16666		
April	26	2025	318.84683	1.22468	1.21581	1.18963	1.16684		
April	27	2025	318.89387	1.22486	1.21599	1.18981	1.16701		
April	28	2025	318.94090	1.22504	1.21617	1.18999	1.16718		
April	29	2025	318.98793	1.22522	1.21635	1.19016	1.16735		
April	30	2025	319.03497	1.22540	1.21653	1.19034	1.16752		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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
April	1	2025	317.67100	1.14599	1.14116	1.12511	1.09335				
April	2	2025	317.71803	1.14616	1.14133	1.12528	1.09351				
April	3	2025	317.76507	1.14633	1.14150	1.12544	1.09367				
April	4	2025	317.81210	1.14650	1.14167	1.12561	1.09384				
April	5	2025	317.85913	1.14667	1.14184	1.12578	1.09400				
April	6	2025	317.90617	1.14684	1.14201	1.12594	1.09416				
April	7	2025	317.95320	1.14701	1.14218	1.12611	1.09432				
April	8	2025	318.00023	1.14718	1.14234	1.12628	1.09448				
April	9	2025	318.04727	1.14735	1.14251	1.12644	1.09465				
April	10	2025	318.09430	1.14751	1.14268	1.12661	1.09481				
April	11	2025	318.14133	1.14768	1.14285	1.12678	1.09497				
April	12	2025	318.18837	1.14785	1.14302	1.12694	1.09513				
April	13	2025	318.23540	1.14802	1.14319	1.12711	1.09529				
April	14	2025	318.28243	1.14819	1.14336	1.12728	1.09545				
April	15	2025	318.32947	1.14836	1.14353	1.12744	1.09562				
April	16	2025	318.37650	1.14853	1.14370	1.12761	1.09578				
April	17	2025	318.42353	1.14870	1.14387	1.12778	1.09594				
April	18	2025	318.47057	1.14887	1.14403	1.12794	1.09610				
April	19	2025	318.51760	1.14904	1.14420	1.12811	1.09626				
April	20	2025	318.56463	1.14921	1.14437	1.12828	1.09643				
April	21	2025	318.61167	1.14938	1.14454	1.12844	1.09659				
April	22	2025	318.65870	1.14955	1.14471	1.12861	1.09675				
April	23	2025	318.70573	1.14972	1.14488	1.12878	1.09691				
April	24	2025	318.75277	1.14989	1.14505	1.12894	1.09707				
April	25	2025	318.79980	1.15006	1.14522	1.12911	1.09724				
April	26	2025	318.84683	1.15023	1.14539	1.12928	1.09740				
April	27	2025	318.89387	1.15040	1.14555	1.12944	1.09756				
April	28	2025	318.94090	1.15057	1.14572	1.12961	1.09772				
April	29	2025	318.98793	1.15074	1.14589	1.12978	1.09788				
April	30	2025	319.03497	1.15091	1.14606	1.12994	1.09804				
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082		

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
April 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	
April	1	2025	317.67100	1.07238	1.06645	1.06869	1.05908		
April	2	2025	317.71803	1.07254	1.06661	1.06884	1.05924		
April	3	2025	317.76507	1.07270	1.06677	1.06900	1.05940		
April	4	2025	317.81210	1.07286	1.06693	1.06916	1.05955		
April	5	2025	317.85913	1.07302	1.06709	1.06932	1.05971		
April	6	2025	317.90617	1.07318	1.06724	1.06948	1.05987		
April	7	2025	317.95320	1.07334	1.06740	1.06963	1.06002		
April	8	2025	318.00023	1.07350	1.06756	1.06979	1.06018		
April	9	2025	318.04727	1.07365	1.06772	1.06995	1.06034		
April	10	2025	318.09430	1.07381	1.06787	1.07011	1.06049		
April	11	2025	318.14133	1.07397	1.06803	1.07027	1.06065		
April	12	2025	318.18837	1.07413	1.06819	1.07043	1.06081		
April	13	2025	318.23540	1.07429	1.06835	1.07058	1.06096		
April	14	2025	318.28243	1.07445	1.06851	1.07074	1.06112		
April	15	2025	318.32947	1.07461	1.06866	1.07090	1.06128		
April	16	2025	318.37650	1.07477	1.06882	1.07106	1.06143		
April	17	2025	318.42353	1.07493	1.06898	1.07122	1.06159		
April	18	2025	318.47057	1.07508	1.06914	1.07138	1.06175		
April	19	2025	318.51760	1.07524	1.06930	1.07153	1.06190		
April	20	2025	318.56463	1.07540	1.06945	1.07169	1.06206		
April	21	2025	318.61167	1.07556	1.06961	1.07185	1.06222		
April	22	2025	318.65870	1.07572	1.06977	1.07201	1.06238		
April	23	2025	318.70573	1.07588	1.06993	1.07217	1.06253		
April	24	2025	318.75277	1.07604	1.07009	1.07232	1.06269		
April	25	2025	318.79980	1.07620	1.07024	1.07248	1.06285		
April	26	2025	318.84683	1.07635	1.07040	1.07264	1.06300		
April	27	2025	318.89387	1.07651	1.07056	1.07280	1.06316		
April	28	2025	318.94090	1.07667	1.07072	1.07296	1.06332		
April	29	2025	318.98793	1.07683	1.07087	1.07312	1.06347		
April	30	2025	319.03497	1.07699	1.07103	1.07327	1.06363		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.04597	1.03714	1.03344	1.03508	
April	2	2025	317.71803	1.04613	1.03730	1.03360	1.03524	
April	3	2025	317.76507	1.04628	1.03745	1.03375	1.03539	
April	4	2025	317.81210	1.04644	1.03761	1.03390	1.03554	
April	5	2025	317.85913	1.04659	1.03776	1.03405	1.03570	
April	6	2025	317.90617	1.04675	1.03791	1.03421	1.03585	
April	7	2025	317.95320	1.04690	1.03807	1.03436	1.03600	
April	8	2025	318.00023	1.04706	1.03822	1.03451	1.03616	
April	9	2025	318.04727	1.04721	1.03837	1.03467	1.03631	
April	10	2025	318.09430	1.04737	1.03853	1.03482	1.03646	
April	11	2025	318.14133	1.04752	1.03868	1.03497	1.03662	
April	12	2025	318.18837	1.04768	1.03883	1.03513	1.03677	
April	13	2025	318.23540	1.04783	1.03899	1.03528	1.03692	
April	14	2025	318.28243	1.04799	1.03914	1.03543	1.03708	
April	15	2025	318.32947	1.04814	1.03929	1.03558	1.03723	
April	16	2025	318.37650	1.04830	1.03945	1.03574	1.03738	
April	17	2025	318.42353	1.04845	1.03960	1.03589	1.03754	
April	18	2025	318.47057	1.04861	1.03975	1.03604	1.03769	
April	19	2025	318.51760	1.04876	1.03991	1.03620	1.03784	
April	20	2025	318.56463	1.04892	1.04006	1.03635	1.03800	
April	21	2025	318.61167	1.04907	1.04022	1.03650	1.03815	
April	22	2025	318.65870	1.04923	1.04037	1.03666	1.03830	
April	23	2025	318.70573	1.04938	1.04052	1.03681	1.03845	
April	24	2025	318.75277	1.04954	1.04068	1.03696	1.03861	
April	25	2025	318.79980	1.04969	1.04083	1.03711	1.03876	
April	26	2025	318.84683	1.04985	1.04098	1.03727	1.03891	
April	27	2025	318.89387	1.05000	1.04114	1.03742	1.03907	
April	28	2025	318.94090	1.05016	1.04129	1.03757	1.03922	
April	29	2025	318.98793	1.05031	1.04144	1.03773	1.03937	
April	30	2025	319.03497	1.05047	1.04160	1.03788	1.03953	
CPI-U (NSA) for:			December 2024	315.605	January 2025	317.671	February 2025	319.082

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)

Ref CPI and Index Ratios for

April 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	
April	1	2025	317.67100	1.02704	1.01239	1.00958	1.00660		
April	2	2025	317.71803	1.02719	1.01254	1.00973	1.00675		
April	3	2025	317.76507	1.02734	1.01269	1.00988	1.00690		
April	4	2025	317.81210	1.02749	1.01284	1.01003	1.00705		
April	5	2025	317.85913	1.02765	1.01299	1.01018	1.00720		
April	6	2025	317.90617	1.02780	1.01314	1.01033	1.00735		
April	7	2025	317.95320	1.02795	1.01329	1.01048	1.00750		
April	8	2025	318.00023	1.02810	1.01344	1.01063	1.00765		
April	9	2025	318.04727	1.02825	1.01359	1.01078	1.00780		
April	10	2025	318.09430	1.02841	1.01374	1.01093	1.00795		
April	11	2025	318.14133	1.02856	1.01389	1.01108	1.00809		
April	12	2025	318.18837	1.02871	1.01404	1.01123	1.00824		
April	13	2025	318.23540	1.02886	1.01419	1.01138	1.00839		
April	14	2025	318.28243	1.02901	1.01434	1.01153	1.00854		
April	15	2025	318.32947	1.02917	1.01449	1.01168	1.00869		
April	16	2025	318.37650	1.02932	1.01464	1.01183	1.00884		
April	17	2025	318.42353	1.02947	1.01479	1.01197	1.00899		
April	18	2025	318.47057	1.02962	1.01494	1.01212	1.00914		
April	19	2025	318.51760	1.02978	1.01509	1.01227	1.00929		
April	20	2025	318.56463	1.02993	1.01524	1.01242	1.00944		
April	21	2025	318.61167	1.03008	1.01539	1.01257	1.00959		
April	22	2025	318.65870	1.03023	1.01554	1.01272	1.00973		
April	23	2025	318.70573	1.03038	1.01569	1.01287	1.00988		
April	24	2025	318.75277	1.03054	1.01584	1.01302	1.01003		
April	25	2025	318.79980	1.03069	1.01599	1.01317	1.01018		
April	26	2025	318.84683	1.03084	1.01614	1.01332	1.01033		
April	27	2025	318.89387	1.03099	1.01629	1.01347	1.01048		
April	28	2025	318.94090	1.03114	1.01644	1.01362	1.01063		
April	29	2025	318.98793	1.03130	1.01659	1.01377	1.01078		
April	30	2025	319.03497	1.03145	1.01674	1.01392	1.01093		
CPI-U (NSA) for:				December 2024	315.605	January 2025	317.671	February 2025	319.082

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

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:			2-3/8% 30-Year TIPS TIPS of February 2055 912810UH9 February 15, 2025 February 28, 2025 February 15, 2055 315.54900			
Date			Ref CPI	Index Ratio		
April	1	2025	317.67100	1.00672		
April	2	2025	317.71803	1.00687		
April	3	2025	317.76507	1.00702		
April	4	2025	317.81210	1.00717		
April	5	2025	317.85913	1.00732		
April	6	2025	317.90617	1.00747		
April	7	2025	317.95320	1.00762		
April	8	2025	318.00023	1.00777		
April	9	2025	318.04727	1.00792		
April	10	2025	318.09430	1.00807		
April	11	2025	318.14133	1.00822		
April	12	2025	318.18837	1.00836		
April	13	2025	318.23540	1.00851		
April	14	2025	318.28243	1.00866		
April	15	2025	318.32947	1.00881		
April	16	2025	318.37650	1.00896		
April	17	2025	318.42353	1.00911		
April	18	2025	318.47057	1.00926		
April	19	2025	318.51760	1.00941		
April	20	2025	318.56463	1.00956		
April	21	2025	318.61167	1.00971		
April	22	2025	318.65870	1.00985		
April	23	2025	318.70573	1.01000		
April	24	2025	318.75277	1.01015		
April	25	2025	318.79980	1.01030		
April	26	2025	318.84683	1.01045		
April	27	2025	318.89387	1.01060		
April	28	2025	318.94090	1.01075		
April	29	2025	318.98793	1.01090		
April	30	2025	319.03497	1.01105		
CPI-U (NSA) for:			December 2024	315.605	January 2025	317.671
					February 2025	319.082