

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security:			3-5/8% 30-Year TIPS	3-7/8% 30-Year TIPS	3-3/8% 30-1/2-Year TIPS	2-3/8% 20-1/2-Year TIPS
Description:			TIPS of April 2028	TIPS of April 2029	TIPS of April 2032	TIPS of January 2025
CUSIP Number:			912810FD5	912810FH6	912810FQ6	912810FR4
Dated Date:			April 15, 1998	April 15, 1999	October 15, 2001	July 15, 2004
Original Issue Date:			April 15, 1998	April 15, 1999	October 15, 2001	July 30, 2004
Additional Issue Date(s):			July 15, 1998	October 15, 1999 October 16, 2000		January 31, 2005 July 29, 2005
Maturity Date:			April 15, 2028	April 15, 2029	April 15, 2032	January 15, 2025
Ref CPI on Dated Date:			161.74000	164.39333	177.50000	188.49677
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.52420	1.49960	1.38887	1.30784	
March 2 2018	246.56732	1.52447	1.49986	1.38911	1.30807	
March 3 2018	246.61065	1.52474	1.50013	1.38936	1.30830	
March 4 2018	246.65397	1.52500	1.50039	1.38960	1.30853	
March 5 2018	246.69729	1.52527	1.50065	1.38984	1.30876	
March 6 2018	246.74061	1.52554	1.50092	1.39009	1.30899	
March 7 2018	246.78394	1.52581	1.50118	1.39033	1.30922	
March 8 2018	246.82726	1.52607	1.50144	1.39058	1.30945	
March 9 2018	246.87058	1.52634	1.50171	1.39082	1.30968	
March 10 2018	246.91390	1.52661	1.50197	1.39106	1.30991	
March 11 2018	246.95723	1.52688	1.50223	1.39131	1.31014	
March 12 2018	247.00055	1.52715	1.50250	1.39155	1.31037	
March 13 2018	247.04387	1.52741	1.50276	1.39180	1.31060	
March 14 2018	247.08719	1.52768	1.50302	1.39204	1.31083	
March 15 2018	247.13052	1.52795	1.50329	1.39228	1.31106	
March 16 2018	247.17384	1.52822	1.50355	1.39253	1.31129	
March 17 2018	247.21716	1.52848	1.50382	1.39277	1.31152	
March 18 2018	247.26048	1.52875	1.50408	1.39302	1.31175	
March 19 2018	247.30381	1.52902	1.50434	1.39326	1.31198	
March 20 2018	247.34713	1.52929	1.50461	1.39350	1.31221	
March 21 2018	247.39045	1.52956	1.50487	1.39375	1.31244	
March 22 2018	247.43377	1.52982	1.50513	1.39399	1.31267	
March 23 2018	247.47710	1.53009	1.50540	1.39424	1.31290	
March 24 2018	247.52042	1.53036	1.50566	1.39448	1.31313	
March 25 2018	247.56374	1.53063	1.50592	1.39473	1.31336	
March 26 2018	247.60706	1.53090	1.50619	1.39497	1.31359	
March 27 2018	247.65039	1.53116	1.50645	1.39521	1.31382	
March 28 2018	247.69371	1.53143	1.50671	1.39546	1.31405	
March 29 2018	247.73703	1.53170	1.50698	1.39570	1.31428	
March 30 2018	247.78035	1.53197	1.50724	1.39595	1.31451	
March 31 2018	247.82368	1.53223	1.50750	1.39619	1.31474	
<b>CPI-U (NSA) for:</b>			<b>November 2017 246.669</b>	<b>December 2017 246.524</b>	<b>January 2018 247.867</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

<b>Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):</b>			<b>2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006</b>	<b>2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007</b>	<b>1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008</b>	<b>1-3/8% 10-Year TIPS Series D-2018 912828JE1 July 15, 2008 July 15, 2008 October 15, 2008</b>
<b>Maturity Date: Ref CPI on Dated Date:</b>			<b>January 15, 2026 198.47742</b>	<b>January 15, 2027 201.66452</b>	<b>January 15, 2028 209.49645</b>	<b>July 15, 2018 215.63997</b>
<b>Date</b>	<b>Ref CPI</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	
March 1 2018	246.52400	1.24208	1.22245	1.17675	1.14322	
March 2 2018	246.56732	1.24229	1.22266	1.17695	1.14342	
March 3 2018	246.61065	1.24251	1.22288	1.17716	1.14362	
March 4 2018	246.65397	1.24273	1.22309	1.17737	1.14382	
March 5 2018	246.69729	1.24295	1.22331	1.17757	1.14402	
March 6 2018	246.74061	1.24317	1.22352	1.17778	1.14422	
March 7 2018	246.78394	1.24339	1.22374	1.17799	1.14443	
March 8 2018	246.82726	1.24360	1.22395	1.17819	1.14463	
March 9 2018	246.87058	1.24382	1.22416	1.17840	1.14483	
March 10 2018	246.91390	1.24404	1.22438	1.17861	1.14503	
March 11 2018	246.95723	1.24426	1.22459	1.17881	1.14523	
March 12 2018	247.00055	1.24448	1.22481	1.17902	1.14543	
March 13 2018	247.04387	1.24470	1.22502	1.17923	1.14563	
March 14 2018	247.08719	1.24491	1.22524	1.17943	1.14583	
March 15 2018	247.13052	1.24513	1.22545	1.17964	1.14603	
March 16 2018	247.17384	1.24535	1.22567	1.17985	1.14623	
March 17 2018	247.21716	1.24557	1.22588	1.18005	1.14643	
March 18 2018	247.26048	1.24579	1.22610	1.18026	1.14664	
March 19 2018	247.30381	1.24600	1.22631	1.18047	1.14684	
March 20 2018	247.34713	1.24622	1.22653	1.18067	1.14704	
March 21 2018	247.39045	1.24644	1.22674	1.18088	1.14724	
March 22 2018	247.43377	1.24666	1.22696	1.18109	1.14744	
March 23 2018	247.47710	1.24688	1.22717	1.18129	1.14764	
March 24 2018	247.52042	1.24710	1.22739	1.18150	1.14784	
March 25 2018	247.56374	1.24731	1.22760	1.18171	1.14804	
March 26 2018	247.60706	1.24753	1.22782	1.18192	1.14824	
March 27 2018	247.65039	1.24775	1.22803	1.18212	1.14844	
March 28 2018	247.69371	1.24797	1.22825	1.18233	1.14864	
March 29 2018	247.73703	1.24819	1.22846	1.18254	1.14885	
March 30 2018	247.78035	1.24841	1.22868	1.18274	1.14905	
March 31 2018	247.82368	1.24862	1.22889	1.18295	1.14925	
<b>CPI-U (NSA) for:</b>			<b>November 2017 246.669</b>	<b>December 2017 246.524</b>	<b>January 2018 247.867</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

<b>Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):</b>			<b>2-1/8% 10-Year TIPS Series A-2019 912828JX9 January 15, 2009 January 15, 2009 April 15, 2009</b>	<b>2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009</b>	<b>1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009</b>	<b>1-3/8% 10-Year TIPS Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010</b>
<b>Maturity Date: Ref CPI on Dated Date:</b>			<b>January 15, 2019 214.69971</b>	<b>January 15, 2029 214.69971</b>	<b>July 15, 2019 213.51819</b>	<b>January 15, 2020 216.24610</b>
<b>Date</b>	<b>Ref CPI</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	
March 1 2018	246.52400	1.14823	1.14823	1.15458	1.14002	
March 2 2018	246.56732	1.14843	1.14843	1.15478	1.14022	
March 3 2018	246.61065	1.14863	1.14863	1.15499	1.14042	
March 4 2018	246.65397	1.14883	1.14883	1.15519	1.14062	
March 5 2018	246.69729	1.14903	1.14903	1.15539	1.14082	
March 6 2018	246.74061	1.14924	1.14924	1.15560	1.14102	
March 7 2018	246.78394	1.14944	1.14944	1.15580	1.14122	
March 8 2018	246.82726	1.14964	1.14964	1.15600	1.14142	
March 9 2018	246.87058	1.14984	1.14984	1.15620	1.14162	
March 10 2018	246.91390	1.15004	1.15004	1.15641	1.14182	
March 11 2018	246.95723	1.15024	1.15024	1.15661	1.14202	
March 12 2018	247.00055	1.15045	1.15045	1.15681	1.14222	
March 13 2018	247.04387	1.15065	1.15065	1.15702	1.14242	
March 14 2018	247.08719	1.15085	1.15085	1.15722	1.14262	
March 15 2018	247.13052	1.15105	1.15105	1.15742	1.14282	
March 16 2018	247.17384	1.15125	1.15125	1.15762	1.14302	
March 17 2018	247.21716	1.15146	1.15146	1.15783	1.14322	
March 18 2018	247.26048	1.15166	1.15166	1.15803	1.14342	
March 19 2018	247.30381	1.15186	1.15186	1.15823	1.14362	
March 20 2018	247.34713	1.15206	1.15206	1.15844	1.14382	
March 21 2018	247.39045	1.15226	1.15226	1.15864	1.14402	
March 22 2018	247.43377	1.15246	1.15246	1.15884	1.14422	
March 23 2018	247.47710	1.15267	1.15267	1.15904	1.14442	
March 24 2018	247.52042	1.15287	1.15287	1.15925	1.14462	
March 25 2018	247.56374	1.15307	1.15307	1.15945	1.14482	
March 26 2018	247.60706	1.15327	1.15327	1.15965	1.14502	
March 27 2018	247.65039	1.15347	1.15347	1.15986	1.14522	
March 28 2018	247.69371	1.15368	1.15368	1.16006	1.14543	
March 29 2018	247.73703	1.15388	1.15388	1.16026	1.14563	
March 30 2018	247.78035	1.15408	1.15408	1.16046	1.14583	
March 31 2018	247.82368	1.15428	1.15428	1.16067	1.14603	
<b>CPI-U (NSA) for:</b>			<b>November 2017 246.669</b>	<b>December 2017 246.524</b>	<b>January 2018 247.867</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2-1/8% 30-Year TIPS TIPS of February 2040 912810QF8 February 15, 2010 February 26, 2010 August 31, 2010	1-1/4% 10-Year TIPS Series D-2020 912828NM8 July 15, 2010 July 15, 2010 September 15, 2010 November 15, 2010	1-1/8% 10-Year TIPS Series A-2021 912828PP9 January 15, 2011 January 31, 2011 March 31, 2011 May 31, 2011	2-1/8% 30-Year TIPS TIPS of February 2041 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011
Maturity Date: Ref CPI on Dated Date:			February 15, 2040 216.13950	July 15, 2020 218.08532	January 15, 2021 218.75255	February 15, 2041 218.99100
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.14058	1.13040	1.12695	1.12573	
March 2 2018	246.56732	1.14078	1.13060	1.12715	1.12592	
March 3 2018	246.61065	1.14098	1.13080	1.12735	1.12612	
March 4 2018	246.65397	1.14118	1.13100	1.12755	1.12632	
March 5 2018	246.69729	1.14138	1.13120	1.12775	1.12652	
March 6 2018	246.74061	1.14158	1.13139	1.12794	1.12672	
March 7 2018	246.78394	1.14178	1.13159	1.12814	1.12691	
March 8 2018	246.82726	1.14198	1.13179	1.12834	1.12711	
March 9 2018	246.87058	1.14218	1.13199	1.12854	1.12731	
March 10 2018	246.91390	1.14238	1.13219	1.12874	1.12751	
March 11 2018	246.95723	1.14258	1.13239	1.12893	1.12770	
March 12 2018	247.00055	1.14278	1.13259	1.12913	1.12790	
March 13 2018	247.04387	1.14298	1.13279	1.12933	1.12810	
March 14 2018	247.08719	1.14318	1.13298	1.12953	1.12830	
March 15 2018	247.13052	1.14338	1.13318	1.12973	1.12850	
March 16 2018	247.17384	1.14358	1.13338	1.12992	1.12869	
March 17 2018	247.21716	1.14379	1.13358	1.13012	1.12889	
March 18 2018	247.26048	1.14399	1.13378	1.13032	1.12909	
March 19 2018	247.30381	1.14419	1.13398	1.13052	1.12929	
March 20 2018	247.34713	1.14439	1.13418	1.13072	1.12949	
March 21 2018	247.39045	1.14459	1.13437	1.13091	1.12968	
March 22 2018	247.43377	1.14479	1.13457	1.13111	1.12988	
March 23 2018	247.47710	1.14499	1.13477	1.13131	1.13008	
March 24 2018	247.52042	1.14519	1.13497	1.13151	1.13028	
March 25 2018	247.56374	1.14539	1.13517	1.13171	1.13047	
March 26 2018	247.60706	1.14559	1.13537	1.13190	1.13067	
March 27 2018	247.65039	1.14579	1.13557	1.13210	1.13087	
March 28 2018	247.69371	1.14599	1.13577	1.13230	1.13107	
March 29 2018	247.73703	1.14619	1.13596	1.13250	1.13127	
March 30 2018	247.78035	1.14639	1.13616	1.13270	1.13146	
March 31 2018	247.82368	1.14659	1.13636	1.13290	1.13166	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011	0-1/8% 10-Year TIPS Series A-2022 912828SA9 January 15, 2012 January 31, 2012 March 30, 2012 May 31, 2012	0-3/4% 30-Year TIPS TIPS of February 2042 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012	0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012
Maturity Date: Ref CPI on Dated Date:			July 15, 2021 225.38381	January 15, 2022 226.33474	February 15, 2042 225.96062	July 15, 2022 229.96306
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.09380	1.08920	1.09100	1.07202	
March 2 2018	246.56732	1.09399	1.08939	1.09120	1.07220	
March 3 2018	246.61065	1.09418	1.08958	1.09139	1.07239	
March 4 2018	246.65397	1.09437	1.08978	1.09158	1.07258	
March 5 2018	246.69729	1.09457	1.08997	1.09177	1.07277	
March 6 2018	246.74061	1.09476	1.09016	1.09196	1.07296	
March 7 2018	246.78394	1.09495	1.09035	1.09215	1.07315	
March 8 2018	246.82726	1.09514	1.09054	1.09235	1.07333	
March 9 2018	246.87058	1.09533	1.09073	1.09254	1.07352	
March 10 2018	246.91390	1.09553	1.09092	1.09273	1.07371	
March 11 2018	246.95723	1.09572	1.09112	1.09292	1.07390	
March 12 2018	247.00055	1.09591	1.09131	1.09311	1.07409	
March 13 2018	247.04387	1.09610	1.09150	1.09330	1.07428	
March 14 2018	247.08719	1.09630	1.09169	1.09350	1.07446	
March 15 2018	247.13052	1.09649	1.09188	1.09369	1.07465	
March 16 2018	247.17384	1.09668	1.09207	1.09388	1.07484	
March 17 2018	247.21716	1.09687	1.09226	1.09407	1.07503	
March 18 2018	247.26048	1.09706	1.09245	1.09426	1.07522	
March 19 2018	247.30381	1.09726	1.09265	1.09446	1.07541	
March 20 2018	247.34713	1.09745	1.09284	1.09465	1.07560	
March 21 2018	247.39045	1.09764	1.09303	1.09484	1.07578	
March 22 2018	247.43377	1.09783	1.09322	1.09503	1.07597	
March 23 2018	247.47710	1.09803	1.09341	1.09522	1.07616	
March 24 2018	247.52042	1.09822	1.09360	1.09541	1.07635	
March 25 2018	247.56374	1.09841	1.09379	1.09561	1.07654	
March 26 2018	247.60706	1.09860	1.09399	1.09580	1.07673	
March 27 2018	247.65039	1.09879	1.09418	1.09599	1.07691	
March 28 2018	247.69371	1.09899	1.09437	1.09618	1.07710	
March 29 2018	247.73703	1.09918	1.09456	1.09637	1.07729	
March 30 2018	247.78035	1.09937	1.09475	1.09656	1.07748	
March 31 2018	247.82368	1.09956	1.09494	1.09676	1.07767	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013	0-5/8% 30-Year TIPS TIPS of February 2043 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013	0-1/8% 5-Year TIPS Series X-2018 912828UX6 April 15, 2013 April 30, 2013 August 30, 2013 December 31, 2013	0-3/8% 10-Year TIPS Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013
Maturity Date: Ref CPI on Dated Date:			January 15, 2023 230.82203	February 15, 2043 229.91100	April 15, 2018 231.16013	July 15, 2023 232.71797
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.06803	1.07226	1.06646	1.05933	
March 2 2018	246.56732	1.06821	1.07245	1.06665	1.05951	
March 3 2018	246.61065	1.06840	1.07264	1.06684	1.05970	
March 4 2018	246.65397	1.06859	1.07282	1.06703	1.05988	
March 5 2018	246.69729	1.06878	1.07301	1.06721	1.06007	
March 6 2018	246.74061	1.06896	1.07320	1.06740	1.06026	
March 7 2018	246.78394	1.06915	1.07339	1.06759	1.06044	
March 8 2018	246.82726	1.06934	1.07358	1.06778	1.06063	
March 9 2018	246.87058	1.06953	1.07377	1.06796	1.06081	
March 10 2018	246.91390	1.06972	1.07395	1.06815	1.06100	
March 11 2018	246.95723	1.06990	1.07414	1.06834	1.06119	
March 12 2018	247.00055	1.07009	1.07433	1.06853	1.06137	
March 13 2018	247.04387	1.07028	1.07452	1.06871	1.06156	
March 14 2018	247.08719	1.07047	1.07471	1.06890	1.06175	
March 15 2018	247.13052	1.07065	1.07490	1.06909	1.06193	
March 16 2018	247.17384	1.07084	1.07508	1.06928	1.06212	
March 17 2018	247.21716	1.07103	1.07527	1.06946	1.06230	
March 18 2018	247.26048	1.07122	1.07546	1.06965	1.06249	
March 19 2018	247.30381	1.07140	1.07565	1.06984	1.06268	
March 20 2018	247.34713	1.07159	1.07584	1.07003	1.06286	
March 21 2018	247.39045	1.07178	1.07603	1.07021	1.06305	
March 22 2018	247.43377	1.07197	1.07622	1.07040	1.06323	
March 23 2018	247.47710	1.07216	1.07640	1.07059	1.06342	
March 24 2018	247.52042	1.07234	1.07659	1.07077	1.06361	
March 25 2018	247.56374	1.07253	1.07678	1.07096	1.06379	
March 26 2018	247.60706	1.07272	1.07697	1.07115	1.06398	
March 27 2018	247.65039	1.07291	1.07716	1.07134	1.06417	
March 28 2018	247.69371	1.07309	1.07735	1.07152	1.06435	
March 29 2018	247.73703	1.07328	1.07753	1.07171	1.06454	
March 30 2018	247.78035	1.07347	1.07772	1.07190	1.06472	
March 31 2018	247.82368	1.07366	1.07791	1.07209	1.06491	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-5/8% 10-Year TIPS Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014	1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014	0-1/8% 5-Year TIPS Series X-2019 912828C99 April 15, 2014 April 30, 2014 August 29, 2014 December 31, 2014	0-1/8% 10-Year TIPS Series D-2024 912828WU0 July 15, 2014 July 31, 2014 September 30, 2014 November 28, 2014
Maturity Date: Ref CPI on Dated Date:			January 15, 2024 233.33058	February 15, 2044 233.05900	April 15, 2019 234.31967	July 15, 2024 237.44594
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.05654	1.05778	1.05208	1.03823	
March 2 2018	246.56732	1.05673	1.05796	1.05227	1.03841	
March 3 2018	246.61065	1.05692	1.05815	1.05245	1.03860	
March 4 2018	246.65397	1.05710	1.05833	1.05264	1.03878	
March 5 2018	246.69729	1.05729	1.05852	1.05282	1.03896	
March 6 2018	246.74061	1.05747	1.05870	1.05301	1.03914	
March 7 2018	246.78394	1.05766	1.05889	1.05319	1.03933	
March 8 2018	246.82726	1.05784	1.05908	1.05338	1.03951	
March 9 2018	246.87058	1.05803	1.05926	1.05356	1.03969	
March 10 2018	246.91390	1.05821	1.05945	1.05375	1.03987	
March 11 2018	246.95723	1.05840	1.05963	1.05393	1.04006	
March 12 2018	247.00055	1.05859	1.05982	1.05412	1.04024	
March 13 2018	247.04387	1.05877	1.06001	1.05430	1.04042	
March 14 2018	247.08719	1.05896	1.06019	1.05449	1.04060	
March 15 2018	247.13052	1.05914	1.06038	1.05467	1.04079	
March 16 2018	247.17384	1.05933	1.06056	1.05486	1.04097	
March 17 2018	247.21716	1.05951	1.06075	1.05504	1.04115	
March 18 2018	247.26048	1.05970	1.06094	1.05523	1.04133	
March 19 2018	247.30381	1.05989	1.06112	1.05541	1.04152	
March 20 2018	247.34713	1.06007	1.06131	1.05560	1.04170	
March 21 2018	247.39045	1.06026	1.06149	1.05578	1.04188	
March 22 2018	247.43377	1.06044	1.06168	1.05597	1.04206	
March 23 2018	247.47710	1.06063	1.06186	1.05615	1.04225	
March 24 2018	247.52042	1.06081	1.06205	1.05634	1.04243	
March 25 2018	247.56374	1.06100	1.06224	1.05652	1.04261	
March 26 2018	247.60706	1.06119	1.06242	1.05671	1.04279	
March 27 2018	247.65039	1.06137	1.06261	1.05689	1.04298	
March 28 2018	247.69371	1.06156	1.06279	1.05708	1.04316	
March 29 2018	247.73703	1.06174	1.06298	1.05726	1.04334	
March 30 2018	247.78035	1.06193	1.06317	1.05745	1.04352	
March 31 2018	247.82368	1.06211	1.06335	1.05763	1.04371	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015	0-3/4% 30-Year TIPS TIPS of February 2045 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015	0-1/8% 5-Year TIPS Series X-2020 912828K33 April 15, 2015 April 30, 2015 August 31, 2015 December 31, 2015	0-3/8% 10-Year TIPS Series D-2025 912828XL9 July 15, 2015 July 31, 2015 September 30, 2015 November 30, 2015
Maturity Date: Ref CPI on Dated Date:			January 15, 2025 236.85403	February 15, 2045 235.48150	April 15, 2020 234.18067	July 15, 2025 237.14365
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.04083	1.04689	1.05271	1.03956	
March 2 2018	246.56732	1.04101	1.04708	1.05289	1.03974	
March 3 2018	246.61065	1.04119	1.04726	1.05308	1.03992	
March 4 2018	246.65397	1.04138	1.04745	1.05326	1.04010	
March 5 2018	246.69729	1.04156	1.04763	1.05345	1.04029	
March 6 2018	246.74061	1.04174	1.04781	1.05363	1.04047	
March 7 2018	246.78394	1.04192	1.04800	1.05382	1.04065	
March 8 2018	246.82726	1.04211	1.04818	1.05400	1.04083	
March 9 2018	246.87058	1.04229	1.04837	1.05419	1.04102	
March 10 2018	246.91390	1.04247	1.04855	1.05437	1.04120	
March 11 2018	246.95723	1.04266	1.04873	1.05456	1.04138	
March 12 2018	247.00055	1.04284	1.04892	1.05474	1.04157	
March 13 2018	247.04387	1.04302	1.04910	1.05493	1.04175	
March 14 2018	247.08719	1.04320	1.04928	1.05511	1.04193	
March 15 2018	247.13052	1.04339	1.04947	1.05530	1.04211	
March 16 2018	247.17384	1.04357	1.04965	1.05548	1.04230	
March 17 2018	247.21716	1.04375	1.04984	1.05567	1.04248	
March 18 2018	247.26048	1.04394	1.05002	1.05585	1.04266	
March 19 2018	247.30381	1.04412	1.05020	1.05604	1.04284	
March 20 2018	247.34713	1.04430	1.05039	1.05622	1.04303	
March 21 2018	247.39045	1.04448	1.05057	1.05641	1.04321	
March 22 2018	247.43377	1.04467	1.05076	1.05659	1.04339	
March 23 2018	247.47710	1.04485	1.05094	1.05678	1.04357	
March 24 2018	247.52042	1.04503	1.05112	1.05696	1.04376	
March 25 2018	247.56374	1.04522	1.05131	1.05715	1.04394	
March 26 2018	247.60706	1.04540	1.05149	1.05733	1.04412	
March 27 2018	247.65039	1.04558	1.05168	1.05752	1.04431	
March 28 2018	247.69371	1.04577	1.05186	1.05770	1.04449	
March 29 2018	247.73703	1.04595	1.05204	1.05789	1.04467	
March 30 2018	247.78035	1.04613	1.05223	1.05807	1.04485	
March 31 2018	247.82368	1.04631	1.05241	1.05826	1.04504	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>



**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-1/8% 5-Year TIPS Series X-2021 912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2016	0-1/8% 10-Year TIPS Series D-2026 912828S50 July 15, 2016 July 29, 2016 September 30, 2016 November 30, 2016
Maturity Date: Ref CPI on Dated Date:			January 15, 2026 237.61129	February 15, 2046 236.94448	April 15, 2021 237.00700	July 15, 2026 239.70132
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.03751	1.04043	1.04015	1.02846	
March 2 2018	246.56732	1.03769	1.04061	1.04034	1.02864	
March 3 2018	246.61065	1.03787	1.04080	1.04052	1.02882	
March 4 2018	246.65397	1.03806	1.04098	1.04070	1.02901	
March 5 2018	246.69729	1.03824	1.04116	1.04089	1.02919	
March 6 2018	246.74061	1.03842	1.04134	1.04107	1.02937	
March 7 2018	246.78394	1.03860	1.04153	1.04125	1.02955	
March 8 2018	246.82726	1.03879	1.04171	1.04143	1.02973	
March 9 2018	246.87058	1.03897	1.04189	1.04162	1.02991	
March 10 2018	246.91390	1.03915	1.04207	1.04180	1.03009	
March 11 2018	246.95723	1.03933	1.04226	1.04198	1.03027	
March 12 2018	247.00055	1.03952	1.04244	1.04217	1.03045	
March 13 2018	247.04387	1.03970	1.04262	1.04235	1.03063	
March 14 2018	247.08719	1.03988	1.04281	1.04253	1.03081	
March 15 2018	247.13052	1.04006	1.04299	1.04271	1.03099	
March 16 2018	247.17384	1.04024	1.04317	1.04290	1.03117	
March 17 2018	247.21716	1.04043	1.04335	1.04308	1.03136	
March 18 2018	247.26048	1.04061	1.04354	1.04326	1.03154	
March 19 2018	247.30381	1.04079	1.04372	1.04345	1.03172	
March 20 2018	247.34713	1.04097	1.04390	1.04363	1.03190	
March 21 2018	247.39045	1.04116	1.04409	1.04381	1.03208	
March 22 2018	247.43377	1.04134	1.04427	1.04399	1.03226	
March 23 2018	247.47710	1.04152	1.04445	1.04418	1.03244	
March 24 2018	247.52042	1.04170	1.04463	1.04436	1.03262	
March 25 2018	247.56374	1.04189	1.04482	1.04454	1.03280	
March 26 2018	247.60706	1.04207	1.04500	1.04472	1.03298	
March 27 2018	247.65039	1.04225	1.04518	1.04491	1.03316	
March 28 2018	247.69371	1.04243	1.04537	1.04509	1.03334	
March 29 2018	247.73703	1.04261	1.04555	1.04527	1.03352	
March 30 2018	247.78035	1.04280	1.04573	1.04546	1.03370	
March 31 2018	247.82368	1.04298	1.04591	1.04564	1.03389	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 August 31, 2017 December 29, 2017	0-3/8% 10-Year TIPS Series D-2027 912828L3 July 15, 2017 July 31, 2017 September 29, 2017 November 30, 2017
Maturity Date: Ref CPI on Dated Date:			January 15, 2027 241.55919	February 15, 2047 241.39250	April 15, 2022 243.19553	July 15, 2027 244.61839
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
March 1 2018	246.52400	1.02055	1.02126	1.01369	1.00779	
March 2 2018	246.56732	1.02073	1.02144	1.01386	1.00797	
March 3 2018	246.61065	1.02091	1.02162	1.01404	1.00814	
March 4 2018	246.65397	1.02109	1.02180	1.01422	1.00832	
March 5 2018	246.69729	1.02127	1.02198	1.01440	1.00850	
March 6 2018	246.74061	1.02145	1.02216	1.01458	1.00868	
March 7 2018	246.78394	1.02163	1.02233	1.01476	1.00885	
March 8 2018	246.82726	1.02181	1.02251	1.01493	1.00903	
March 9 2018	246.87058	1.02199	1.02269	1.01511	1.00921	
March 10 2018	246.91390	1.02217	1.02287	1.01529	1.00938	
March 11 2018	246.95723	1.02235	1.02305	1.01547	1.00956	
March 12 2018	247.00055	1.02253	1.02323	1.01565	1.00974	
March 13 2018	247.04387	1.02271	1.02341	1.01582	1.00992	
March 14 2018	247.08719	1.02288	1.02359	1.01600	1.01009	
March 15 2018	247.13052	1.02306	1.02377	1.01618	1.01027	
March 16 2018	247.17384	1.02324	1.02395	1.01636	1.01045	
March 17 2018	247.21716	1.02342	1.02413	1.01654	1.01062	
March 18 2018	247.26048	1.02360	1.02431	1.01671	1.01080	
March 19 2018	247.30381	1.02378	1.02449	1.01689	1.01098	
March 20 2018	247.34713	1.02396	1.02467	1.01707	1.01116	
March 21 2018	247.39045	1.02414	1.02485	1.01725	1.01133	
March 22 2018	247.43377	1.02432	1.02503	1.01743	1.01151	
March 23 2018	247.47710	1.02450	1.02521	1.01761	1.01169	
March 24 2018	247.52042	1.02468	1.02539	1.01778	1.01186	
March 25 2018	247.56374	1.02486	1.02557	1.01796	1.01204	
March 26 2018	247.60706	1.02504	1.02574	1.01814	1.01222	
March 27 2018	247.65039	1.02522	1.02592	1.01832	1.01239	
March 28 2018	247.69371	1.02540	1.02610	1.01850	1.01257	
March 29 2018	247.73703	1.02557	1.02628	1.01867	1.01275	
March 30 2018	247.78035	1.02575	1.02646	1.01885	1.01293	
March 31 2018	247.82368	1.02593	1.02664	1.01903	1.01310	
<b>CPI-U (NSA) for:</b>	<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**March 2018**

<b>Security:</b>			<b>0-1/2% 10-Year TIPS</b>					
<b>Description:</b>			<b>Series A-2028</b>					
<b>CUSIP Number:</b>			<b>9128283R9</b>					
<b>Dated Date:</b>			<b>January 15, 2018</b>					
<b>Original Issue Date:</b>			<b>January 31, 2018</b>					
<b>Additional Issue Date(s):</b>								
<b>Maturity Date:</b>			<b>January 15, 2028</b>					
<b>Ref CPI on Dated Date:</b>			<b>246.66571</b>					
<b>Date</b>			<b>Ref CPI</b>	<b>Index Ratio</b>				
March	1	2018	246.52400	0.99943				
March	2	2018	246.56732	0.99960				
March	3	2018	246.61065	0.99978				
March	4	2018	246.65397	0.99995				
March	5	2018	246.69729	1.00013				
March	6	2018	246.74061	1.00030				
March	7	2018	246.78394	1.00048				
March	8	2018	246.82726	1.00065				
March	9	2018	246.87058	1.00083				
March	10	2018	246.91390	1.00101				
March	11	2018	246.95723	1.00118				
March	12	2018	247.00055	1.00136				
March	13	2018	247.04387	1.00153				
March	14	2018	247.08719	1.00171				
March	15	2018	247.13052	1.00188				
March	16	2018	247.17384	1.00206				
March	17	2018	247.21716	1.00224				
March	18	2018	247.26048	1.00241				
March	19	2018	247.30381	1.00259				
March	20	2018	247.34713	1.00276				
March	21	2018	247.39045	1.00294				
March	22	2018	247.43377	1.00311				
March	23	2018	247.47710	1.00329				
March	24	2018	247.52042	1.00347				
March	25	2018	247.56374	1.00364				
March	26	2018	247.60706	1.00382				
March	27	2018	247.65039	1.00399				
March	28	2018	247.69371	1.00417				
March	29	2018	247.73703	1.00434				
March	30	2018	247.78035	1.00452				
March	31	2018	247.82368	1.00469				
<b>CPI-U (NSA) for:</b>			<b>November 2017</b>	<b>246.669</b>	<b>December 2017</b>	<b>246.524</b>	<b>January 2018</b>	<b>247.867</b>