

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

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	
April 1 2017	242.83900	1.50142	1.47718	1.36811	1.28829	
April 2 2017	242.86447	1.50157	1.47734	1.36825	1.28843	
April 3 2017	242.88993	1.50173	1.47749	1.36839	1.28856	
April 4 2017	242.91540	1.50189	1.47765	1.36854	1.28870	
April 5 2017	242.94087	1.50205	1.47780	1.36868	1.28883	
April 6 2017	242.96633	1.50220	1.47796	1.36882	1.28897	
April 7 2017	242.99180	1.50236	1.47811	1.36897	1.28910	
April 8 2017	243.01727	1.50252	1.47827	1.36911	1.28924	
April 9 2017	243.04273	1.50268	1.47842	1.36925	1.28937	
April 10 2017	243.06820	1.50283	1.47858	1.36940	1.28951	
April 11 2017	243.09367	1.50299	1.47873	1.36954	1.28964	
April 12 2017	243.11913	1.50315	1.47889	1.36969	1.28978	
April 13 2017	243.14460	1.50331	1.47904	1.36983	1.28991	
April 14 2017	243.17007	1.50346	1.47920	1.36997	1.29005	
April 15 2017	243.19553	1.50362	1.47935	1.37012	1.29018	
April 16 2017	243.22100	1.50378	1.47951	1.37026	1.29032	
April 17 2017	243.24647	1.50394	1.47966	1.37040	1.29045	
April 18 2017	243.27193	1.50409	1.47982	1.37055	1.29059	
April 19 2017	243.29740	1.50425	1.47997	1.37069	1.29072	
April 20 2017	243.32287	1.50441	1.48013	1.37083	1.29086	
April 21 2017	243.34833	1.50456	1.48028	1.37098	1.29099	
April 22 2017	243.37380	1.50472	1.48044	1.37112	1.29113	
April 23 2017	243.39927	1.50488	1.48059	1.37126	1.29126	
April 24 2017	243.42473	1.50504	1.48075	1.37141	1.29140	
April 25 2017	243.45020	1.50519	1.48090	1.37155	1.29154	
April 26 2017	243.47567	1.50535	1.48106	1.37169	1.29167	
April 27 2017	243.50113	1.50551	1.48121	1.37184	1.29181	
April 28 2017	243.52660	1.50567	1.48137	1.37198	1.29194	
April 29 2017	243.55207	1.50582	1.48152	1.37212	1.29208	
April 30 2017	243.57753	1.50598	1.48168	1.37227	1.29221	
<b>CPI-U (NSA) for:</b>			<b>December 2016 241.432</b>	<b>January 2017 242.839</b>	<b>February 2017 243.603</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

<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>2-5/8% 10-Year TIPS Series D-2017 912828GX2 July 15, 2007 July 16, 2007 October 15, 2007</b>	<b>1-5/8% 10-Year TIPS Series A-2018 912828HN3 January 15, 2008 January 15, 2008 April 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>July 15, 2017 207.25639</b>	<b>January 15, 2018 209.49645</b>	
<b>Date</b>			<b>Ref CPI</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>	<b>Index Ratio</b>
April	1	2017	242.83900	1.22351	1.20417	1.17168	1.15916
April	2	2017	242.86447	1.22364	1.20430	1.17181	1.15928
April	3	2017	242.88993	1.22377	1.20443	1.17193	1.15940
April	4	2017	242.91540	1.22389	1.20455	1.17205	1.15952
April	5	2017	242.94087	1.22402	1.20468	1.17218	1.15964
April	6	2017	242.96633	1.22415	1.20480	1.17230	1.15976
April	7	2017	242.99180	1.22428	1.20493	1.17242	1.15989
April	8	2017	243.01727	1.22441	1.20506	1.17254	1.16001
April	9	2017	243.04273	1.22454	1.20518	1.17267	1.16013
April	10	2017	243.06820	1.22466	1.20531	1.17279	1.16025
April	11	2017	243.09367	1.22479	1.20544	1.17291	1.16037
April	12	2017	243.11913	1.22492	1.20556	1.17304	1.16049
April	13	2017	243.14460	1.22505	1.20569	1.17316	1.16061
April	14	2017	243.17007	1.22518	1.20581	1.17328	1.16074
April	15	2017	243.19553	1.22531	1.20594	1.17340	1.16086
April	16	2017	243.22100	1.22543	1.20607	1.17353	1.16098
April	17	2017	243.24647	1.22556	1.20619	1.17365	1.16110
April	18	2017	243.27193	1.22569	1.20632	1.17377	1.16122
April	19	2017	243.29740	1.22582	1.20645	1.17390	1.16134
April	20	2017	243.32287	1.22595	1.20657	1.17402	1.16147
April	21	2017	243.34833	1.22608	1.20670	1.17414	1.16159
April	22	2017	243.37380	1.22620	1.20683	1.17426	1.16171
April	23	2017	243.39927	1.22633	1.20695	1.17439	1.16183
April	24	2017	243.42473	1.22646	1.20708	1.17451	1.16195
April	25	2017	243.45020	1.22659	1.20720	1.17463	1.16207
April	26	2017	243.47567	1.22672	1.20733	1.17476	1.16219
April	27	2017	243.50113	1.22685	1.20746	1.17488	1.16232
April	28	2017	243.52660	1.22697	1.20758	1.17500	1.16244
April	29	2017	243.55207	1.22710	1.20771	1.17512	1.16256
April	30	2017	243.57753	1.22723	1.20784	1.17525	1.16268
<b>CPI-U (NSA) for:</b>			<b>December 2016 241.432</b>	<b>January 2017 242.839</b>	<b>February 2017 243.603</b>		

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1-3/4% 20-Year TIPS TIPS of January 2028 912810PV4 January 15, 2008 January 31, 2008 July 31, 2008	1-3/8% 10-Year TIPS Series D-2018 912828JE1 July 15, 2008 July 15, 2008 October 15, 2008	2-1/8% 10-Year TIPS Series A-2019 912828JX9 January 15, 2009 January 15, 2009 April 15, 2009	2-1/2% 20-Year TIPS TIPS of January 2029 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009
Maturity Date: Ref CPI on Dated Date:			January 15, 2028 209.49645	July 15, 2018 215.63997	January 15, 2019 214.69971	January 15, 2029 214.69971
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April 1 2017	242.83900	1.15916	1.12613	1.13106	1.13106	
April 2 2017	242.86447	1.15928	1.12625	1.13118	1.13118	
April 3 2017	242.88993	1.15940	1.12637	1.13130	1.13130	
April 4 2017	242.91540	1.15952	1.12649	1.13142	1.13142	
April 5 2017	242.94087	1.15964	1.12660	1.13154	1.13154	
April 6 2017	242.96633	1.15976	1.12672	1.13166	1.13166	
April 7 2017	242.99180	1.15989	1.12684	1.13178	1.13178	
April 8 2017	243.01727	1.16001	1.12696	1.13189	1.13189	
April 9 2017	243.04273	1.16013	1.12708	1.13201	1.13201	
April 10 2017	243.06820	1.16025	1.12719	1.13213	1.13213	
April 11 2017	243.09367	1.16037	1.12731	1.13225	1.13225	
April 12 2017	243.11913	1.16049	1.12743	1.13237	1.13237	
April 13 2017	243.14460	1.16061	1.12755	1.13249	1.13249	
April 14 2017	243.17007	1.16074	1.12767	1.13261	1.13261	
April 15 2017	243.19553	1.16086	1.12779	1.13272	1.13272	
April 16 2017	243.22100	1.16098	1.12790	1.13284	1.13284	
April 17 2017	243.24647	1.16110	1.12802	1.13296	1.13296	
April 18 2017	243.27193	1.16122	1.12814	1.13308	1.13308	
April 19 2017	243.29740	1.16134	1.12826	1.13320	1.13320	
April 20 2017	243.32287	1.16147	1.12838	1.13332	1.13332	
April 21 2017	243.34833	1.16159	1.12849	1.13344	1.13344	
April 22 2017	243.37380	1.16171	1.12861	1.13355	1.13355	
April 23 2017	243.39927	1.16183	1.12873	1.13367	1.13367	
April 24 2017	243.42473	1.16195	1.12885	1.13379	1.13379	
April 25 2017	243.45020	1.16207	1.12897	1.13391	1.13391	
April 26 2017	243.47567	1.16219	1.12908	1.13403	1.13403	
April 27 2017	243.50113	1.16232	1.12920	1.13415	1.13415	
April 28 2017	243.52660	1.16244	1.12932	1.13427	1.13427	
April 29 2017	243.55207	1.16256	1.12944	1.13438	1.13438	
April 30 2017	243.57753	1.16268	1.12956	1.13450	1.13450	
<b>CPI-U (NSA) for:</b>	<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009	1-3/8% 10-Year TIPS Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010	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		
Maturity Date: Ref CPI on Dated Date:			July 15, 2019 213.51819	January 15, 2020 216.24610	February 15, 2040 216.13950	July 15, 2020 218.08532		
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
April 1 2017	242.83900	1.13732	1.12298	1.12353	1.11350			
April 2 2017	242.86447	1.13744	1.12309	1.12365	1.11362			
April 3 2017	242.88993	1.13756	1.12321	1.12376	1.11374			
April 4 2017	242.91540	1.13768	1.12333	1.12388	1.11385			
April 5 2017	242.94087	1.13780	1.12345	1.12400	1.11397			
April 6 2017	242.96633	1.13792	1.12356	1.12412	1.11409			
April 7 2017	242.99180	1.13804	1.12368	1.12424	1.11421			
April 8 2017	243.01727	1.13816	1.12380	1.12435	1.11432			
April 9 2017	243.04273	1.13828	1.12392	1.12447	1.11444			
April 10 2017	243.06820	1.13840	1.12404	1.12459	1.11456			
April 11 2017	243.09367	1.13852	1.12415	1.12471	1.11467			
April 12 2017	243.11913	1.13863	1.12427	1.12483	1.11479			
April 13 2017	243.14460	1.13875	1.12439	1.12494	1.11491			
April 14 2017	243.17007	1.13887	1.12451	1.12506	1.11502			
April 15 2017	243.19553	1.13899	1.12462	1.12518	1.11514			
April 16 2017	243.22100	1.13911	1.12474	1.12530	1.11526			
April 17 2017	243.24647	1.13923	1.12486	1.12541	1.11537			
April 18 2017	243.27193	1.13935	1.12498	1.12553	1.11549			
April 19 2017	243.29740	1.13947	1.12509	1.12565	1.11561			
April 20 2017	243.32287	1.13959	1.12521	1.12577	1.11572			
April 21 2017	243.34833	1.13971	1.12533	1.12589	1.11584			
April 22 2017	243.37380	1.13983	1.12545	1.12600	1.11596			
April 23 2017	243.39927	1.13995	1.12557	1.12612	1.11607			
April 24 2017	243.42473	1.14007	1.12568	1.12624	1.11619			
April 25 2017	243.45020	1.14018	1.12580	1.12636	1.11631			
April 26 2017	243.47567	1.14030	1.12592	1.12647	1.11642			
April 27 2017	243.50113	1.14042	1.12604	1.12659	1.11654			
April 28 2017	243.52660	1.14054	1.12615	1.12671	1.11666			
April 29 2017	243.55207	1.14066	1.12627	1.12683	1.11677			
April 30 2017	243.57753	1.14078	1.12639	1.12695	1.11689			
<b>CPI-U (NSA) for:</b>			<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Date			Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April	1	2017	242.83900	1.11011	1.10890	1.07745	1.07292	
April	2	2017	242.86447	1.11022	1.10902	1.07756	1.07303	
April	3	2017	242.88993	1.11034	1.10913	1.07767	1.07314	
April	4	2017	242.91540	1.11046	1.10925	1.07779	1.07326	
April	5	2017	242.94087	1.11057	1.10936	1.07790	1.07337	
April	6	2017	242.96633	1.11069	1.10948	1.07801	1.07348	
April	7	2017	242.99180	1.11081	1.10960	1.07812	1.07359	
April	8	2017	243.01727	1.11092	1.10971	1.07824	1.07371	
April	9	2017	243.04273	1.11104	1.10983	1.07835	1.07382	
April	10	2017	243.06820	1.11116	1.10995	1.07846	1.07393	
April	11	2017	243.09367	1.11127	1.11006	1.07858	1.07404	
April	12	2017	243.11913	1.11139	1.11018	1.07869	1.07416	
April	13	2017	243.14460	1.11151	1.11029	1.07880	1.07427	
April	14	2017	243.17007	1.11162	1.11041	1.07892	1.07438	
April	15	2017	243.19553	1.11174	1.11053	1.07903	1.07449	
April	16	2017	243.22100	1.11185	1.11064	1.07914	1.07461	
April	17	2017	243.24647	1.11197	1.11076	1.07925	1.07472	
April	18	2017	243.27193	1.11209	1.11088	1.07937	1.07483	
April	19	2017	243.29740	1.11220	1.11099	1.07948	1.07495	
April	20	2017	243.32287	1.11232	1.11111	1.07959	1.07506	
April	21	2017	243.34833	1.11244	1.11123	1.07971	1.07517	
April	22	2017	243.37380	1.11255	1.11134	1.07982	1.07528	
April	23	2017	243.39927	1.11267	1.11146	1.07993	1.07540	
April	24	2017	243.42473	1.11279	1.11157	1.08005	1.07551	
April	25	2017	243.45020	1.11290	1.11169	1.08016	1.07562	
April	26	2017	243.47567	1.11302	1.11181	1.08027	1.07573	
April	27	2017	243.50113	1.11314	1.11192	1.08038	1.07585	
April	28	2017	243.52660	1.11325	1.11204	1.08050	1.07596	
April	29	2017	243.55207	1.11337	1.11216	1.08061	1.07607	
April	30	2017	243.57753	1.11348	1.11227	1.08072	1.07618	
<b>CPI-U (NSA) for:</b>			<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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% 5-Year TIPS Series X-2017 912828SQ4 April 15, 2012 April 30, 2012 August 31, 2012 December 31, 2012	0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012	0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013		
Maturity Date: Ref CPI on Dated Date:			February 15, 2042 225.96062	April 15, 2017 227.13073	July 15, 2022 229.96306	January 15, 2023 230.82203		
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio			
April 1 2017	242.83900	1.07470	1.06916	1.05599	1.05206			
April 2 2017	242.86447	1.07481	1.06927	1.05610	1.05217			
April 3 2017	242.88993	1.07492	1.06938	1.05621	1.05228			
April 4 2017	242.91540	1.07503	1.06950	1.05632	1.05239			
April 5 2017	242.94087	1.07515	1.06961	1.05643	1.05250			
April 6 2017	242.96633	1.07526	1.06972	1.05655	1.05261			
April 7 2017	242.99180	1.07537	1.06983	1.05666	1.05272			
April 8 2017	243.01727	1.07549	1.06994	1.05677	1.05283			
April 9 2017	243.04273	1.07560	1.07006	1.05688	1.05294			
April 10 2017	243.06820	1.07571	1.07017	1.05699	1.05305			
April 11 2017	243.09367	1.07582	1.07028	1.05710	1.05316			
April 12 2017	243.11913	1.07594	1.07039	1.05721	1.05328			
April 13 2017	243.14460	1.07605	1.07051	1.05732	1.05339			
April 14 2017	243.17007	1.07616	1.07062	1.05743	1.05350			
April 15 2017	243.19553	1.07627	1.07073	1.05754	1.05361			
April 16 2017	243.22100	1.07639		1.05765	1.05372			
April 17 2017	243.24647	1.07650		1.05776	1.05383			
April 18 2017	243.27193	1.07661		1.05787	1.05394			
April 19 2017	243.29740	1.07672		1.05798	1.05405			
April 20 2017	243.32287	1.07684		1.05810	1.05416			
April 21 2017	243.34833	1.07695		1.05821	1.05427			
April 22 2017	243.37380	1.07706		1.05832	1.05438			
April 23 2017	243.39927	1.07718		1.05843	1.05449			
April 24 2017	243.42473	1.07729		1.05854	1.05460			
April 25 2017	243.45020	1.07740		1.05865	1.05471			
April 26 2017	243.47567	1.07751		1.05876	1.05482			
April 27 2017	243.50113	1.07763		1.05887	1.05493			
April 28 2017	243.52660	1.07774		1.05898	1.05504			
April 29 2017	243.55207	1.07785		1.05909	1.05515			
April 30 2017	243.57753	1.07796		1.05920	1.05526			
<b>CPI-U (NSA) for:</b>			<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-5/8% 10-Year TIPS Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014
Maturity Date: Ref CPI on Dated Date:			February 15, 2043 229.91100	April 15, 2018 231.16013	July 15, 2023 232.71797	January 15, 2024 233.33058
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April 1 2017	242.83900	1.05623	1.05052	1.04349	1.04075	
April 2 2017	242.86447	1.05634	1.05063	1.04360	1.04086	
April 3 2017	242.88993	1.05645	1.05074	1.04371	1.04097	
April 4 2017	242.91540	1.05656	1.05085	1.04382	1.04108	
April 5 2017	242.94087	1.05667	1.05096	1.04393	1.04119	
April 6 2017	242.96633	1.05678	1.05107	1.04404	1.04130	
April 7 2017	242.99180	1.05690	1.05118	1.04415	1.04141	
April 8 2017	243.01727	1.05701	1.05129	1.04426	1.04151	
April 9 2017	243.04273	1.05712	1.05140	1.04437	1.04162	
April 10 2017	243.06820	1.05723	1.05151	1.04448	1.04173	
April 11 2017	243.09367	1.05734	1.05162	1.04458	1.04184	
April 12 2017	243.11913	1.05745	1.05173	1.04469	1.04195	
April 13 2017	243.14460	1.05756	1.05184	1.04480	1.04206	
April 14 2017	243.17007	1.05767	1.05196	1.04491	1.04217	
April 15 2017	243.19553	1.05778	1.05207	1.04502	1.04228	
April 16 2017	243.22100	1.05789	1.05218	1.04513	1.04239	
April 17 2017	243.24647	1.05800	1.05229	1.04524	1.04250	
April 18 2017	243.27193	1.05811	1.05240	1.04535	1.04261	
April 19 2017	243.29740	1.05822	1.05251	1.04546	1.04272	
April 20 2017	243.32287	1.05834	1.05262	1.04557	1.04282	
April 21 2017	243.34833	1.05845	1.05273	1.04568	1.04293	
April 22 2017	243.37380	1.05856	1.05284	1.04579	1.04304	
April 23 2017	243.39927	1.05867	1.05295	1.04590	1.04315	
April 24 2017	243.42473	1.05878	1.05306	1.04601	1.04326	
April 25 2017	243.45020	1.05889	1.05317	1.04612	1.04337	
April 26 2017	243.47567	1.05900	1.05328	1.04623	1.04348	
April 27 2017	243.50113	1.05911	1.05339	1.04634	1.04359	
April 28 2017	243.52660	1.05922	1.05350	1.04645	1.04370	
April 29 2017	243.55207	1.05933	1.05361	1.04655	1.04381	
April 30 2017	243.57753	1.05944	1.05372	1.04666	1.04392	
<b>CPI-U (NSA) for:</b>			<b>December 2016 241.432</b>	<b>January 2017 242.839</b>	<b>February 2017 243.603</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			1-3/8% 30-Year TIPS TIPS of February 2044 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014	0-1/8% 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	0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015
Maturity Date: Ref CPI on Dated Date:			February 15, 2044 233.05900	April 15, 2019 234.31967	July 15, 2024 237.44594	January 15, 2025 236.85403
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April 1 2017	242.83900	1.04196	1.03636	1.02271	1.02527	
April 2 2017	242.86447	1.04207	1.03647	1.02282	1.02538	
April 3 2017	242.88993	1.04218	1.03658	1.02293	1.02548	
April 4 2017	242.91540	1.04229	1.03668	1.02303	1.02559	
April 5 2017	242.94087	1.04240	1.03679	1.02314	1.02570	
April 6 2017	242.96633	1.04251	1.03690	1.02325	1.02581	
April 7 2017	242.99180	1.04262	1.03701	1.02336	1.02591	
April 8 2017	243.01727	1.04273	1.03712	1.02346	1.02602	
April 9 2017	243.04273	1.04284	1.03723	1.02357	1.02613	
April 10 2017	243.06820	1.04295	1.03734	1.02368	1.02624	
April 11 2017	243.09367	1.04306	1.03744	1.02379	1.02634	
April 12 2017	243.11913	1.04317	1.03755	1.02389	1.02645	
April 13 2017	243.14460	1.04327	1.03766	1.02400	1.02656	
April 14 2017	243.17007	1.04338	1.03777	1.02411	1.02667	
April 15 2017	243.19553	1.04349	1.03788	1.02421	1.02677	
April 16 2017	243.22100	1.04360	1.03799	1.02432	1.02688	
April 17 2017	243.24647	1.04371	1.03810	1.02443	1.02699	
April 18 2017	243.27193	1.04382	1.03821	1.02454	1.02710	
April 19 2017	243.29740	1.04393	1.03831	1.02464	1.02720	
April 20 2017	243.32287	1.04404	1.03842	1.02475	1.02731	
April 21 2017	243.34833	1.04415	1.03853	1.02486	1.02742	
April 22 2017	243.37380	1.04426	1.03864	1.02497	1.02753	
April 23 2017	243.39927	1.04437	1.03875	1.02507	1.02763	
April 24 2017	243.42473	1.04448	1.03886	1.02518	1.02774	
April 25 2017	243.45020	1.04459	1.03897	1.02529	1.02785	
April 26 2017	243.47567	1.04470	1.03907	1.02539	1.02796	
April 27 2017	243.50113	1.04480	1.03918	1.02550	1.02806	
April 28 2017	243.52660	1.04491	1.03929	1.02561	1.02817	
April 29 2017	243.55207	1.04502	1.03940	1.02572	1.02828	
April 30 2017	243.57753	1.04513	1.03951	1.02582	1.02839	
<b>CPI-U (NSA) for:</b>			<b>December 2016 241.432</b>	<b>January 2017 242.839</b>	<b>February 2017 243.603</b>	



**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

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	0-1/8% 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	0-5/8% 10-Year TIPS Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016
Maturity Date: Ref CPI on Dated Date:			February 15, 2045 235.48150	April 15, 2020 234.18067	July 15, 2025 237.14365	January 15, 2026 237.61129
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April 1 2017	242.83900	1.03124	1.03697	1.02402	1.02200	
April 2 2017	242.86447	1.03135	1.03708	1.02412	1.02211	
April 3 2017	242.88993	1.03146	1.03719	1.02423	1.02222	
April 4 2017	242.91540	1.03157	1.03730	1.02434	1.02232	
April 5 2017	242.94087	1.03168	1.03741	1.02445	1.02243	
April 6 2017	242.96633	1.03179	1.03752	1.02455	1.02254	
April 7 2017	242.99180	1.03189	1.03763	1.02466	1.02264	
April 8 2017	243.01727	1.03200	1.03773	1.02477	1.02275	
April 9 2017	243.04273	1.03211	1.03784	1.02488	1.02286	
April 10 2017	243.06820	1.03222	1.03795	1.02498	1.02297	
April 11 2017	243.09367	1.03233	1.03806	1.02509	1.02307	
April 12 2017	243.11913	1.03243	1.03817	1.02520	1.02318	
April 13 2017	243.14460	1.03254	1.03828	1.02531	1.02329	
April 14 2017	243.17007	1.03265	1.03839	1.02541	1.02339	
April 15 2017	243.19553	1.03276	1.03850	1.02552	1.02350	
April 16 2017	243.22100	1.03287	1.03860	1.02563	1.02361	
April 17 2017	243.24647	1.03297	1.03871	1.02573	1.02372	
April 18 2017	243.27193	1.03308	1.03882	1.02584	1.02382	
April 19 2017	243.29740	1.03319	1.03893	1.02595	1.02393	
April 20 2017	243.32287	1.03330	1.03904	1.02606	1.02404	
April 21 2017	243.34833	1.03341	1.03915	1.02616	1.02414	
April 22 2017	243.37380	1.03352	1.03926	1.02627	1.02425	
April 23 2017	243.39927	1.03362	1.03937	1.02638	1.02436	
April 24 2017	243.42473	1.03373	1.03947	1.02649	1.02447	
April 25 2017	243.45020	1.03384	1.03958	1.02659	1.02457	
April 26 2017	243.47567	1.03395	1.03969	1.02670	1.02468	
April 27 2017	243.50113	1.03406	1.03980	1.02681	1.02479	
April 28 2017	243.52660	1.03416	1.03991	1.02692	1.02489	
April 29 2017	243.55207	1.03427	1.04002	1.02702	1.02500	
April 30 2017	243.57753	1.03438	1.04013	1.02713	1.02511	
<b>CPI-U (NSA) for:</b>	<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-3/8% 10-Year TIPS Series A-2027 912828V49 January 15, 2017 January 31, 2017
Maturity Date: Ref CPI on Dated Date:			February 15, 2046 236.94448	April 15, 2021 237.00700	July 15, 2026 239.70132	January 15, 2027 241.55919
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
April 1 2017	242.83900	1.02488	1.02461	1.01309	1.00530	
April 2 2017	242.86447	1.02498	1.02471	1.01320	1.00540	
April 3 2017	242.88993	1.02509	1.02482	1.01330	1.00551	
April 4 2017	242.91540	1.02520	1.02493	1.01341	1.00561	
April 5 2017	242.94087	1.02531	1.02504	1.01351	1.00572	
April 6 2017	242.96633	1.02541	1.02514	1.01362	1.00583	
April 7 2017	242.99180	1.02552	1.02525	1.01373	1.00593	
April 8 2017	243.01727	1.02563	1.02536	1.01383	1.00604	
April 9 2017	243.04273	1.02574	1.02547	1.01394	1.00614	
April 10 2017	243.06820	1.02584	1.02557	1.01405	1.00625	
April 11 2017	243.09367	1.02595	1.02568	1.01415	1.00635	
April 12 2017	243.11913	1.02606	1.02579	1.01426	1.00646	
April 13 2017	243.14460	1.02617	1.02590	1.01436	1.00656	
April 14 2017	243.17007	1.02627	1.02600	1.01447	1.00667	
April 15 2017	243.19553	1.02638	1.02611	1.01458	1.00677	
April 16 2017	243.22100	1.02649	1.02622	1.01468	1.00688	
April 17 2017	243.24647	1.02660	1.02633	1.01479	1.00698	
April 18 2017	243.27193	1.02670	1.02643	1.01490	1.00709	
April 19 2017	243.29740	1.02681	1.02654	1.01500	1.00720	
April 20 2017	243.32287	1.02692	1.02665	1.01511	1.00730	
April 21 2017	243.34833	1.02703	1.02676	1.01521	1.00741	
April 22 2017	243.37380	1.02713	1.02686	1.01532	1.00751	
April 23 2017	243.39927	1.02724	1.02697	1.01543	1.00762	
April 24 2017	243.42473	1.02735	1.02708	1.01553	1.00772	
April 25 2017	243.45020	1.02746	1.02719	1.01564	1.00783	
April 26 2017	243.47567	1.02756	1.02729	1.01575	1.00793	
April 27 2017	243.50113	1.02767	1.02740	1.01585	1.00804	
April 28 2017	243.52660	1.02778	1.02751	1.01596	1.00814	
April 29 2017	243.55207	1.02789	1.02762	1.01606	1.00825	
April 30 2017	243.57753	1.02799	1.02772	1.01617	1.00836	
<b>CPI-U (NSA) for:</b>			<b>December 2016 241.432</b>	<b>January 2017 242.839</b>	<b>February 2017 243.603</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**April 2017**

<b>Security:</b>			<b>0-7/8% 30-Year TIPS</b>					
<b>Description:</b>			<b>TIPS of February 2047</b>					
<b>CUSIP Number:</b>			<b>912810RW0</b>					
<b>Dated Date:</b>			<b>February 15, 2017</b>					
<b>Original Issue Date:</b>			<b>February 28, 2017</b>					
<b>Additional Issue Date(s):</b>								
<b>Maturity Date:</b>			<b>February 15, 2047</b>					
<b>Ref CPI on Dated Date:</b>			<b>241.39250</b>					
<b>Date</b>			<b>Ref CPI</b>	<b>Index Ratio</b>				
April	1	2017	242.83900	1.00599				
April	2	2017	242.86447	1.00610				
April	3	2017	242.88993	1.00620				
April	4	2017	242.91540	1.00631				
April	5	2017	242.94087	1.00641				
April	6	2017	242.96633	1.00652				
April	7	2017	242.99180	1.00663				
April	8	2017	243.01727	1.00673				
April	9	2017	243.04273	1.00684				
April	10	2017	243.06820	1.00694				
April	11	2017	243.09367	1.00705				
April	12	2017	243.11913	1.00715				
April	13	2017	243.14460	1.00726				
April	14	2017	243.17007	1.00736				
April	15	2017	243.19553	1.00747				
April	16	2017	243.22100	1.00757				
April	17	2017	243.24647	1.00768				
April	18	2017	243.27193	1.00779				
April	19	2017	243.29740	1.00789				
April	20	2017	243.32287	1.00800				
April	21	2017	243.34833	1.00810				
April	22	2017	243.37380	1.00821				
April	23	2017	243.39927	1.00831				
April	24	2017	243.42473	1.00842				
April	25	2017	243.45020	1.00852				
April	26	2017	243.47567	1.00863				
April	27	2017	243.50113	1.00874				
April	28	2017	243.52660	1.00884				
April	29	2017	243.55207	1.00895				
April	30	2017	243.57753	1.00905				
<b>CPI-U (NSA) for:</b>			<b>December 2016</b>	<b>241.432</b>	<b>January 2017</b>	<b>242.839</b>	<b>February 2017</b>	<b>243.603</b>