

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

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	
June 1 2016	238.13200	1.47231	1.44855	1.34159	1.26332	
June 2 2016	238.16963	1.47255	1.44878	1.34180	1.26352	
June 3 2016	238.20727	1.47278	1.44901	1.34201	1.26372	
June 4 2016	238.24490	1.47301	1.44924	1.34222	1.26392	
June 5 2016	238.28253	1.47324	1.44947	1.34244	1.26412	
June 6 2016	238.32017	1.47348	1.44969	1.34265	1.26432	
June 7 2016	238.35780	1.47371	1.44992	1.34286	1.26452	
June 8 2016	238.39543	1.47394	1.45015	1.34307	1.26472	
June 9 2016	238.43307	1.47418	1.45038	1.34328	1.26492	
June 10 2016	238.47070	1.47441	1.45061	1.34350	1.26512	
June 11 2016	238.50833	1.47464	1.45084	1.34371	1.26532	
June 12 2016	238.54597	1.47487	1.45107	1.34392	1.26552	
June 13 2016	238.58360	1.47511	1.45130	1.34413	1.26572	
June 14 2016	238.62123	1.47534	1.45153	1.34434	1.26592	
June 15 2016	238.65887	1.47557	1.45176	1.34456	1.26612	
June 16 2016	238.69650	1.47580	1.45198	1.34477	1.26632	
June 17 2016	238.73413	1.47604	1.45221	1.34498	1.26652	
June 18 2016	238.77177	1.47627	1.45244	1.34519	1.26672	
June 19 2016	238.80940	1.47650	1.45267	1.34541	1.26692	
June 20 2016	238.84703	1.47673	1.45290	1.34562	1.26711	
June 21 2016	238.88467	1.47697	1.45313	1.34583	1.26731	
June 22 2016	238.92230	1.47720	1.45336	1.34604	1.26751	
June 23 2016	238.95993	1.47743	1.45359	1.34625	1.26771	
June 24 2016	238.99757	1.47767	1.45382	1.34647	1.26791	
June 25 2016	239.03520	1.47790	1.45404	1.34668	1.26811	
June 26 2016	239.07283	1.47813	1.45427	1.34689	1.26831	
June 27 2016	239.11047	1.47836	1.45450	1.34710	1.26851	
June 28 2016	239.14810	1.47860	1.45473	1.34731	1.26871	
June 29 2016	239.18573	1.47883	1.45496	1.34753	1.26891	
June 30 2016	239.22337	1.47906	1.45519	1.34774	1.26911	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006	2-1/2% 10-Year TIPS Series D-2016 912828FL9 July 15, 2006 July 17, 2006 October 16, 2006	2-3/8% 10-Year TIPS Series A-2017 912828GD6 January 15, 2007 January 16, 2007 April 16, 2007	2-3/8% 20-Year TIPS TIPS of January 2027 912810PS1 January 15, 2007 January 31, 2007 July 31, 2007
Maturity Date: Ref CPI on Dated Date:			January 15, 2026 198.47742	July 15, 2016 201.95161	January 15, 2017 201.66452	January 15, 2027 201.66452
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.19979	1.17915	1.18083	1.18083	
June 2 2016	238.16963	1.19998	1.17934	1.18102	1.18102	
June 3 2016	238.20727	1.20017	1.17953	1.18121	1.18121	
June 4 2016	238.24490	1.20036	1.17971	1.18139	1.18139	
June 5 2016	238.28253	1.20055	1.17990	1.18158	1.18158	
June 6 2016	238.32017	1.20074	1.18009	1.18177	1.18177	
June 7 2016	238.35780	1.20093	1.18027	1.18195	1.18195	
June 8 2016	238.39543	1.20112	1.18046	1.18214	1.18214	
June 9 2016	238.43307	1.20131	1.18064	1.18233	1.18233	
June 10 2016	238.47070	1.20150	1.18083	1.18251	1.18251	
June 11 2016	238.50833	1.20169	1.18102	1.18270	1.18270	
June 12 2016	238.54597	1.20188	1.18120	1.18289	1.18289	
June 13 2016	238.58360	1.20207	1.18139	1.18307	1.18307	
June 14 2016	238.62123	1.20226	1.18158	1.18326	1.18326	
June 15 2016	238.65887	1.20245	1.18176	1.18345	1.18345	
June 16 2016	238.69650	1.20264	1.18195	1.18363	1.18363	
June 17 2016	238.73413	1.20283	1.18214	1.18382	1.18382	
June 18 2016	238.77177	1.20302	1.18232	1.18400	1.18400	
June 19 2016	238.80940	1.20321	1.18251	1.18419	1.18419	
June 20 2016	238.84703	1.20340	1.18269	1.18438	1.18438	
June 21 2016	238.88467	1.20359	1.18288	1.18456	1.18456	
June 22 2016	238.92230	1.20378	1.18307	1.18475	1.18475	
June 23 2016	238.95993	1.20397	1.18325	1.18494	1.18494	
June 24 2016	238.99757	1.20415	1.18344	1.18512	1.18512	
June 25 2016	239.03520	1.20434	1.18363	1.18531	1.18531	
June 26 2016	239.07283	1.20453	1.18381	1.18550	1.18550	
June 27 2016	239.11047	1.20472	1.18400	1.18568	1.18568	
June 28 2016	239.14810	1.20491	1.18419	1.18587	1.18587	
June 29 2016	239.18573	1.20510	1.18437	1.18606	1.18606	
June 30 2016	239.22337	1.20529	1.18456	1.18624	1.18624	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			2-5/8% 10-Year TIPS Series D-2017 912828GX2 July 15, 2007 July 16, 2007 October 15, 2007	1-5/8% 10-Year TIPS Series A-2018 912828HN3 January 15, 2008 January 15, 2008 April 15, 2008	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
Maturity Date: Ref CPI on Dated Date:			July 15, 2017 207.25639	January 15, 2018 209.49645	January 15, 2028 209.49645	July 15, 2018 215.63997
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.14897	1.13669	1.13669	1.10430	
June 2 2016	238.16963	1.14915	1.13687	1.13687	1.10448	
June 3 2016	238.20727	1.14934	1.13705	1.13705	1.10465	
June 4 2016	238.24490	1.14952	1.13723	1.13723	1.10483	
June 5 2016	238.28253	1.14970	1.13741	1.13741	1.10500	
June 6 2016	238.32017	1.14988	1.13759	1.13759	1.10518	
June 7 2016	238.35780	1.15006	1.13777	1.13777	1.10535	
June 8 2016	238.39543	1.15024	1.13794	1.13794	1.10553	
June 9 2016	238.43307	1.15043	1.13812	1.13812	1.10570	
June 10 2016	238.47070	1.15061	1.13830	1.13830	1.10587	
June 11 2016	238.50833	1.15079	1.13848	1.13848	1.10605	
June 12 2016	238.54597	1.15097	1.13866	1.13866	1.10622	
June 13 2016	238.58360	1.15115	1.13884	1.13884	1.10640	
June 14 2016	238.62123	1.15133	1.13902	1.13902	1.10657	
June 15 2016	238.65887	1.15152	1.13920	1.13920	1.10675	
June 16 2016	238.69650	1.15170	1.13938	1.13938	1.10692	
June 17 2016	238.73413	1.15188	1.13956	1.13956	1.10710	
June 18 2016	238.77177	1.15206	1.13974	1.13974	1.10727	
June 19 2016	238.80940	1.15224	1.13992	1.13992	1.10744	
June 20 2016	238.84703	1.15242	1.14010	1.14010	1.10762	
June 21 2016	238.88467	1.15260	1.14028	1.14028	1.10779	
June 22 2016	238.92230	1.15279	1.14046	1.14046	1.10797	
June 23 2016	238.95993	1.15297	1.14064	1.14064	1.10814	
June 24 2016	238.99757	1.15315	1.14082	1.14082	1.10832	
June 25 2016	239.03520	1.15333	1.14100	1.14100	1.10849	
June 26 2016	239.07283	1.15351	1.14118	1.14118	1.10867	
June 27 2016	239.11047	1.15369	1.14136	1.14136	1.10884	
June 28 2016	239.14810	1.15388	1.14154	1.14154	1.10902	
June 29 2016	239.18573	1.15406	1.14172	1.14172	1.10919	
June 30 2016	239.22337	1.15424	1.14190	1.14190	1.10936	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			January 15, 2019 214.69971	January 15, 2029 214.69971	July 15, 2019 213.51819	January 15, 2020 216.24610
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.10914	1.10914	1.11528	1.10121	
June 2 2016	238.16963	1.10932	1.10932	1.11545	1.10138	
June 3 2016	238.20727	1.10949	1.10949	1.11563	1.10156	
June 4 2016	238.24490	1.10967	1.10967	1.11581	1.10173	
June 5 2016	238.28253	1.10984	1.10984	1.11598	1.10190	
June 6 2016	238.32017	1.11002	1.11002	1.11616	1.10208	
June 7 2016	238.35780	1.11019	1.11019	1.11633	1.10225	
June 8 2016	238.39543	1.11037	1.11037	1.11651	1.10243	
June 9 2016	238.43307	1.11054	1.11054	1.11669	1.10260	
June 10 2016	238.47070	1.11072	1.11072	1.11686	1.10277	
June 11 2016	238.50833	1.11089	1.11089	1.11704	1.10295	
June 12 2016	238.54597	1.11107	1.11107	1.11722	1.10312	
June 13 2016	238.58360	1.11124	1.11124	1.11739	1.10330	
June 14 2016	238.62123	1.11142	1.11142	1.11757	1.10347	
June 15 2016	238.65887	1.11159	1.11159	1.11774	1.10364	
June 16 2016	238.69650	1.11177	1.11177	1.11792	1.10382	
June 17 2016	238.73413	1.11194	1.11194	1.11810	1.10399	
June 18 2016	238.77177	1.11212	1.11212	1.11827	1.10417	
June 19 2016	238.80940	1.11229	1.11229	1.11845	1.10434	
June 20 2016	238.84703	1.11247	1.11247	1.11863	1.10451	
June 21 2016	238.88467	1.11265	1.11265	1.11880	1.10469	
June 22 2016	238.92230	1.11282	1.11282	1.11898	1.10486	
June 23 2016	238.95993	1.11300	1.11300	1.11915	1.10504	
June 24 2016	238.99757	1.11317	1.11317	1.11933	1.10521	
June 25 2016	239.03520	1.11335	1.11335	1.11951	1.10539	
June 26 2016	239.07283	1.11352	1.11352	1.11968	1.10556	
June 27 2016	239.11047	1.11370	1.11370	1.11986	1.10573	
June 28 2016	239.14810	1.11387	1.11387	1.12004	1.10591	
June 29 2016	239.18573	1.11405	1.11405	1.12021	1.10608	
June 30 2016	239.22337	1.11422	1.11422	1.12039	1.10626	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

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	
June 1 2016	238.13200	1.10175	1.09192	1.08859	1.08741	
June 2 2016	238.16963	1.10193	1.09209	1.08876	1.08758	
June 3 2016	238.20727	1.10210	1.09227	1.08893	1.08775	
June 4 2016	238.24490	1.10227	1.09244	1.08911	1.08792	
June 5 2016	238.28253	1.10245	1.09261	1.08928	1.08809	
June 6 2016	238.32017	1.10262	1.09278	1.08945	1.08826	
June 7 2016	238.35780	1.10280	1.09296	1.08962	1.08844	
June 8 2016	238.39543	1.10297	1.09313	1.08979	1.08861	
June 9 2016	238.43307	1.10314	1.09330	1.08997	1.08878	
June 10 2016	238.47070	1.10332	1.09347	1.09014	1.08895	
June 11 2016	238.50833	1.10349	1.09365	1.09031	1.08912	
June 12 2016	238.54597	1.10367	1.09382	1.09048	1.08930	
June 13 2016	238.58360	1.10384	1.09399	1.09066	1.08947	
June 14 2016	238.62123	1.10401	1.09416	1.09083	1.08964	
June 15 2016	238.65887	1.10419	1.09434	1.09100	1.08981	
June 16 2016	238.69650	1.10436	1.09451	1.09117	1.08998	
June 17 2016	238.73413	1.10454	1.09468	1.09134	1.09015	
June 18 2016	238.77177	1.10471	1.09485	1.09152	1.09033	
June 19 2016	238.80940	1.10489	1.09503	1.09169	1.09050	
June 20 2016	238.84703	1.10506	1.09520	1.09186	1.09067	
June 21 2016	238.88467	1.10523	1.09537	1.09203	1.09084	
June 22 2016	238.92230	1.10541	1.09555	1.09220	1.09101	
June 23 2016	238.95993	1.10558	1.09572	1.09238	1.09119	
June 24 2016	238.99757	1.10576	1.09589	1.09255	1.09136	
June 25 2016	239.03520	1.10593	1.09606	1.09272	1.09153	
June 26 2016	239.07283	1.10610	1.09624	1.09289	1.09170	
June 27 2016	239.11047	1.10628	1.09641	1.09306	1.09187	
June 28 2016	239.14810	1.10645	1.09658	1.09324	1.09205	
June 29 2016	239.18573	1.10663	1.09675	1.09341	1.09222	
June 30 2016	239.22337	1.10680	1.09693	1.09358	1.09239	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

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% 5-Year TIPS Series X-2017 912828SQ4 April 15, 2012 April 30, 2012 August 31, 2012 December 31, 2012
Maturity Date: Ref CPI on Dated Date:			July 15, 2021 225.38381	January 15, 2022 226.33474	February 15, 2042 225.96062	April 15, 2017 227.13073
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.05656	1.05212	1.05387	1.04844	
June 2 2016	238.16963	1.05673	1.05229	1.05403	1.04860	
June 3 2016	238.20727	1.05690	1.05246	1.05420	1.04877	
June 4 2016	238.24490	1.05706	1.05262	1.05436	1.04893	
June 5 2016	238.28253	1.05723	1.05279	1.05453	1.04910	
June 6 2016	238.32017	1.05740	1.05295	1.05470	1.04926	
June 7 2016	238.35780	1.05756	1.05312	1.05486	1.04943	
June 8 2016	238.39543	1.05773	1.05329	1.05503	1.04960	
June 9 2016	238.43307	1.05790	1.05345	1.05520	1.04976	
June 10 2016	238.47070	1.05806	1.05362	1.05536	1.04993	
June 11 2016	238.50833	1.05823	1.05379	1.05553	1.05009	
June 12 2016	238.54597	1.05840	1.05395	1.05570	1.05026	
June 13 2016	238.58360	1.05857	1.05412	1.05586	1.05042	
June 14 2016	238.62123	1.05873	1.05428	1.05603	1.05059	
June 15 2016	238.65887	1.05890	1.05445	1.05620	1.05076	
June 16 2016	238.69650	1.05907	1.05462	1.05636	1.05092	
June 17 2016	238.73413	1.05923	1.05478	1.05653	1.05109	
June 18 2016	238.77177	1.05940	1.05495	1.05670	1.05125	
June 19 2016	238.80940	1.05957	1.05512	1.05686	1.05142	
June 20 2016	238.84703	1.05973	1.05528	1.05703	1.05158	
June 21 2016	238.88467	1.05990	1.05545	1.05720	1.05175	
June 22 2016	238.92230	1.06007	1.05561	1.05736	1.05192	
June 23 2016	238.95993	1.06024	1.05578	1.05753	1.05208	
June 24 2016	238.99757	1.06040	1.05595	1.05770	1.05225	
June 25 2016	239.03520	1.06057	1.05611	1.05786	1.05241	
June 26 2016	239.07283	1.06074	1.05628	1.05803	1.05258	
June 27 2016	239.11047	1.06090	1.05645	1.05820	1.05274	
June 28 2016	239.14810	1.06107	1.05661	1.05836	1.05291	
June 29 2016	239.18573	1.06124	1.05678	1.05853	1.05308	
June 30 2016	239.22337	1.06140	1.05694	1.05869	1.05324	
<b>CPI-U (NSA) for:</b>			<b>February 2016 237.111</b>	<b>March 2016 238.132</b>	<b>April 2016 239.261</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			July 15, 2022 229.96306	January 15, 2023 230.82203	February 15, 2043 229.91100	April 15, 2018 231.16013
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.03552	1.03167	1.03576	1.03016	
June 2 2016	238.16963	1.03569	1.03183	1.03592	1.03032	
June 3 2016	238.20727	1.03585	1.03200	1.03608	1.03049	
June 4 2016	238.24490	1.03601	1.03216	1.03625	1.03065	
June 5 2016	238.28253	1.03618	1.03232	1.03641	1.03081	
June 6 2016	238.32017	1.03634	1.03248	1.03658	1.03097	
June 7 2016	238.35780	1.03650	1.03265	1.03674	1.03114	
June 8 2016	238.39543	1.03667	1.03281	1.03690	1.03130	
June 9 2016	238.43307	1.03683	1.03297	1.03707	1.03146	
June 10 2016	238.47070	1.03700	1.03314	1.03723	1.03163	
June 11 2016	238.50833	1.03716	1.03330	1.03739	1.03179	
June 12 2016	238.54597	1.03732	1.03346	1.03756	1.03195	
June 13 2016	238.58360	1.03749	1.03363	1.03772	1.03211	
June 14 2016	238.62123	1.03765	1.03379	1.03789	1.03228	
June 15 2016	238.65887	1.03781	1.03395	1.03805	1.03244	
June 16 2016	238.69650	1.03798	1.03411	1.03821	1.03260	
June 17 2016	238.73413	1.03814	1.03428	1.03838	1.03277	
June 18 2016	238.77177	1.03830	1.03444	1.03854	1.03293	
June 19 2016	238.80940	1.03847	1.03460	1.03870	1.03309	
June 20 2016	238.84703	1.03863	1.03477	1.03887	1.03325	
June 21 2016	238.88467	1.03880	1.03493	1.03903	1.03342	
June 22 2016	238.92230	1.03896	1.03509	1.03919	1.03358	
June 23 2016	238.95993	1.03912	1.03526	1.03936	1.03374	
June 24 2016	238.99757	1.03929	1.03542	1.03952	1.03390	
June 25 2016	239.03520	1.03945	1.03558	1.03969	1.03407	
June 26 2016	239.07283	1.03961	1.03575	1.03985	1.03423	
June 27 2016	239.11047	1.03978	1.03591	1.04001	1.03439	
June 28 2016	239.14810	1.03994	1.03607	1.04018	1.03456	
June 29 2016	239.18573	1.04011	1.03623	1.04034	1.03472	
June 30 2016	239.22337	1.04027	1.03640	1.04050	1.03488	
<b>CPI-U (NSA) for:</b>			<b>February 2016 237.111</b>	<b>March 2016 238.132</b>	<b>April 2016 239.261</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			July 15, 2023 232.71797	January 15, 2024 233.33058	February 15, 2044 233.05900	April 15, 2019 234.31967
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.02326	1.02058	1.02177	1.01627	
June 2 2016	238.16963	1.02343	1.02074	1.02193	1.01643	
June 3 2016	238.20727	1.02359	1.02090	1.02209	1.01659	
June 4 2016	238.24490	1.02375	1.02106	1.02225	1.01675	
June 5 2016	238.28253	1.02391	1.02122	1.02241	1.01691	
June 6 2016	238.32017	1.02407	1.02138	1.02257	1.01707	
June 7 2016	238.35780	1.02423	1.02155	1.02274	1.01723	
June 8 2016	238.39543	1.02440	1.02171	1.02290	1.01739	
June 9 2016	238.43307	1.02456	1.02187	1.02306	1.01755	
June 10 2016	238.47070	1.02472	1.02203	1.02322	1.01772	
June 11 2016	238.50833	1.02488	1.02219	1.02338	1.01788	
June 12 2016	238.54597	1.02504	1.02235	1.02354	1.01804	
June 13 2016	238.58360	1.02520	1.02251	1.02370	1.01820	
June 14 2016	238.62123	1.02537	1.02267	1.02387	1.01836	
June 15 2016	238.65887	1.02553	1.02284	1.02403	1.01852	
June 16 2016	238.69650	1.02569	1.02300	1.02419	1.01868	
June 17 2016	238.73413	1.02585	1.02316	1.02435	1.01884	
June 18 2016	238.77177	1.02601	1.02332	1.02451	1.01900	
June 19 2016	238.80940	1.02618	1.02348	1.02467	1.01916	
June 20 2016	238.84703	1.02634	1.02364	1.02484	1.01932	
June 21 2016	238.88467	1.02650	1.02380	1.02500	1.01948	
June 22 2016	238.92230	1.02666	1.02396	1.02516	1.01964	
June 23 2016	238.95993	1.02682	1.02413	1.02532	1.01980	
June 24 2016	238.99757	1.02698	1.02429	1.02548	1.01996	
June 25 2016	239.03520	1.02715	1.02445	1.02564	1.02012	
June 26 2016	239.07283	1.02731	1.02461	1.02580	1.02028	
June 27 2016	239.11047	1.02747	1.02477	1.02597	1.02045	
June 28 2016	239.14810	1.02763	1.02493	1.02613	1.02061	
June 29 2016	239.18573	1.02779	1.02509	1.02629	1.02077	
June 30 2016	239.22337	1.02795	1.02526	1.02645	1.02093	
<b>CPI-U (NSA) for:</b>	<b>February 2016</b>	<b>237.111</b>	<b>March 2016</b>	<b>238.132</b>	<b>April 2016</b>	<b>239.261</b>

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	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
Maturity Date: Ref CPI on Dated Date:			July 15, 2024 237.44594	January 15, 2025 236.85403	February 15, 2045 235.48150	April 15, 2020 234.18067
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.00289	1.00540	1.01126	1.01687	
June 2 2016	238.16963	1.00305	1.00555	1.01142	1.01703	
June 3 2016	238.20727	1.00321	1.00571	1.01158	1.01719	
June 4 2016	238.24490	1.00336	1.00587	1.01174	1.01736	
June 5 2016	238.28253	1.00352	1.00603	1.01189	1.01752	
June 6 2016	238.32017	1.00368	1.00619	1.01205	1.01768	
June 7 2016	238.35780	1.00384	1.00635	1.01221	1.01784	
June 8 2016	238.39543	1.00400	1.00651	1.01237	1.01800	
June 9 2016	238.43307	1.00416	1.00667	1.01253	1.01816	
June 10 2016	238.47070	1.00432	1.00683	1.01269	1.01832	
June 11 2016	238.50833	1.00447	1.00698	1.01285	1.01848	
June 12 2016	238.54597	1.00463	1.00714	1.01301	1.01864	
June 13 2016	238.58360	1.00479	1.00730	1.01317	1.01880	
June 14 2016	238.62123	1.00495	1.00746	1.01333	1.01896	
June 15 2016	238.65887	1.00511	1.00762	1.01349	1.01912	
June 16 2016	238.69650	1.00527	1.00778	1.01365	1.01928	
June 17 2016	238.73413	1.00543	1.00794	1.01381	1.01944	
June 18 2016	238.77177	1.00558	1.00810	1.01397	1.01960	
June 19 2016	238.80940	1.00574	1.00826	1.01413	1.01977	
June 20 2016	238.84703	1.00590	1.00841	1.01429	1.01993	
June 21 2016	238.88467	1.00606	1.00857	1.01445	1.02009	
June 22 2016	238.92230	1.00622	1.00873	1.01461	1.02025	
June 23 2016	238.95993	1.00638	1.00889	1.01477	1.02041	
June 24 2016	238.99757	1.00653	1.00905	1.01493	1.02057	
June 25 2016	239.03520	1.00669	1.00921	1.01509	1.02073	
June 26 2016	239.07283	1.00685	1.00937	1.01525	1.02089	
June 27 2016	239.11047	1.00701	1.00953	1.01541	1.02105	
June 28 2016	239.14810	1.00717	1.00969	1.01557	1.02121	
June 29 2016	239.18573	1.00733	1.00984	1.01573	1.02137	
June 30 2016	239.22337	1.00749	1.01000	1.01589	1.02153	
<b>CPI-U (NSA) for:</b>			<b>February 2016 237.111</b>	<b>March 2016 238.132</b>	<b>April 2016 239.261</b>	

**TREASURY INFLATION-PROTECTED SECURITIES (TIPS)**  
**Ref CPI and Index Ratios for**  
**June 2016**

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s):			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	0-1/8% 5-Year TIPS Series X-2021 912828Q60 April 15, 2016 April 29, 2016
Maturity Date: Ref CPI on Dated Date:			July 15, 2025 237.14365	January 15, 2026 237.61129	February 15, 2046 236.94448	April 15, 2021 237.00700
Date	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
June 1 2016	238.13200	1.00417	1.00219	1.00501	1.00475	
June 2 2016	238.16963	1.00433	1.00235	1.00517	1.00491	
June 3 2016	238.20727	1.00449	1.00251	1.00533	1.00506	
June 4 2016	238.24490	1.00464	1.00267	1.00549	1.00522	
June 5 2016	238.28253	1.00480	1.00282	1.00565	1.00538	
June 6 2016	238.32017	1.00496	1.00298	1.00581	1.00554	
June 7 2016	238.35780	1.00512	1.00314	1.00596	1.00570	
June 8 2016	238.39543	1.00528	1.00330	1.00612	1.00586	
June 9 2016	238.43307	1.00544	1.00346	1.00628	1.00602	
June 10 2016	238.47070	1.00560	1.00362	1.00644	1.00618	
June 11 2016	238.50833	1.00575	1.00378	1.00660	1.00633	
June 12 2016	238.54597	1.00591	1.00393	1.00676	1.00649	
June 13 2016	238.58360	1.00607	1.00409	1.00692	1.00665	
June 14 2016	238.62123	1.00623	1.00425	1.00708	1.00681	
June 15 2016	238.65887	1.00639	1.00441	1.00724	1.00697	
June 16 2016	238.69650	1.00655	1.00457	1.00739	1.00713	
June 17 2016	238.73413	1.00671	1.00473	1.00755	1.00729	
June 18 2016	238.77177	1.00687	1.00488	1.00771	1.00745	
June 19 2016	238.80940	1.00702	1.00504	1.00787	1.00760	
June 20 2016	238.84703	1.00718	1.00520	1.00803	1.00776	
June 21 2016	238.88467	1.00734	1.00536	1.00819	1.00792	
June 22 2016	238.92230	1.00750	1.00552	1.00835	1.00808	
June 23 2016	238.95993	1.00766	1.00568	1.00851	1.00824	
June 24 2016	238.99757	1.00782	1.00583	1.00866	1.00840	
June 25 2016	239.03520	1.00798	1.00599	1.00882	1.00856	
June 26 2016	239.07283	1.00814	1.00615	1.00898	1.00872	
June 27 2016	239.11047	1.00829	1.00631	1.00914	1.00888	
June 28 2016	239.14810	1.00845	1.00647	1.00930	1.00903	
June 29 2016	239.18573	1.00861	1.00663	1.00946	1.00919	
June 30 2016	239.22337	1.00877	1.00678	1.00962	1.00935	
<b>CPI-U (NSA) for:</b>			<b>February 2016 237.111</b>	<b>March 2016 238.132</b>	<b>April 2016 239.261</b>	