Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date:		3-5/8% 30-Year TIPS TIPS of April 2028 912810FD5 April 15, 1998 April 15, 1998 July 15, 1998 April 15, 2028 161.74000	3-7/8% 30-Year TIPS TIPS of April 2029 912810FH6 April 15, 1999 April 15, 1999 October 15, 1999 October 16, 2000 April 15, 2029 164.39333	3-3/8% 30-1/2-Year TIPS TIPS of April 2032 912810FQ6 October 15, 2001 October 15, 2001 April 15, 2032 177.50000	2-3/8% 20-1/2-Year TIPS TIPS of January 2025 912810FR4 July 15, 2004 July 30, 2004 January 31, 2005 July 29, 2005 January 15, 2025 188.49677
Da	ate	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio	
July	1 201	7 244.52400	1.51183	1.48743	1.37760	1.29723	
•	2 201		1.51188	1.48747	1.37764	1.29723	
July July	3 201	I	1.51192	1.48751	1.37768	1.29727	
July	4 201	1	1.51192	1.48756	1.37771	1.29734	
July	5 201		1.51200	1.48760	1.37775	1.29737	
July	6 201	I	1.51200	1.48764	1.37779	1.29737	
July	7 201		1.51204	1.48768	1.37783	1.29741	
July	8 201		1.51208	1.48772	1.37787	1.29748	
July	9 201		1.51217	1.48776	1.37790	1.29752	
July	10 201		1.51221	1.48780	1.37794	1.29755	
July	11 201	I	1.51225	1.48784	1.37798	1.29759	
July	12 2017		1.51229	1.48788	1.37802	1.29763	
July	13 201	I	1.51233	1.48792	1.37806	1.29766	
July	14 2017	1	1.51238	1.48797	1.37809	1.29770	
July	15 201	1	1.51242	1.48801	1.37813	1.29773	
July	16 2017	7 244.62513	1.51246	1.48805	1.37817	1.29777	
July	17 2017	7 244.63187	1.51250	1.48809	1.37821	1.29780	
July	18 2017	7 244.63861	1.51254	1.48813	1.37825	1.29784	
July	19 2017	7 244.64535	1.51258	1.48817	1.37828	1.29788	
July	20 2017	7 244.65210	1.51263	1.48821	1.37832	1.29791	
July	21 2017	7 244.65884	1.51267	1.48825	1.37836	1.29795	
July	22 2017	7 244.66558	1.51271	1.48829	1.37840	1.29798	
July	23 2017	7 244.67232	1.51275	1.48833	1.37844	1.29802	
July	24 2017		1.51279	1.48838	1.37847	1.29805	
July	25 2017		1.51283	1.48842	1.37851	1.29809	
July	26 2017		1.51288	1.48846	1.37855	1.29813	
July	27 2017		1.51292	1.48850	1.37859	1.29816	
July	28 2017	ı	1.51296	1.48854	1.37863	1.29820	
July	29 2017		1.51300	1.48858	1.37866	1.29823	
July	30 2017		1.51304	1.48862	1.37870	1.29827	
July	31 2017	7 244.72626	1.51308	1.48866	1.37874	1.29830	
CPI-U ((NSA) for:	March 2017	243.801	April 2017 244.524	May 2017	244.733	

Date Ref CPI Index Ratio Index Ratio	Security: Description: CUSIP Numb Dated Date: Original Issu- Additional Is: Maturity Dat Ref CPI on D	e Date: sue Date(s) te:			2% 20-Year TIPS TIPS of January 2026 912810FS2 January 15, 2006 January 31, 2006 July 31, 2006 January 15, 2026 198.47742	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	2-5/8% 10-Year TIPS Series D-2017 912828GX2 July 15, 2007 July 16, 2007 October 15, 2007 July 15, 2017 207.25639	1-5/8% 10-Year TIPS Series A-2018 912828HN3 January 15, 2008 January 15, 2008 April 15, 2008 January 15, 2018 209.49645
July 2 2017 244.53074 1.23203 1.21256 1.17985 1.16723 July 3 2017 244.53748 1.23201 1.21260 1.17988 1.16726 July 4 2017 244.5423 1.23210 1.21263 1.17991 1.16730 July 5 2017 244.55997 1.23213 1.21266 1.17994 1.16733 July 6 2017 244.55771 1.23217 1.21270 1.17998 1.16733 July 7 2017 244.56445 1.23220 1.21273 1.18001 1.16739 July 8 2017 244.57119 1.23224 1.21276 1.18004 1.16742 July 9 2017 244.5794 1.23227 1.21280 1.18007 1.16742 July 10 2017 244.58468 1.23230 1.21283 1.18011 1.16749 July 11 2017 244.59468 1.23230 1.21283 1.18011 1.16749 July 12 2017 244.59468 1.23237 1.21286 1.18014 1.16752 July 12 2017 244.5946 1.23237 1.21290 1.18017 1.16755 July 13 2017 244.60490 1.23241 1.21293 1.18020 1.16758 July 14 2017 244.61165 1.23244 1.21296 1.18024 1.16762 July 15 2017 244.6389 1.23247 1.21300 1.18027 1.16765 July 16 2017 244.62513 1.23251 1.21300 1.18027 1.16765 July 18 2017 244.63187 1.23258 1.21310 1.16775 July 19 2017 244.63187 1.23258 1.21310 1.16781 July 20 2017 244.665210 1.23258 1.21310 1.16781 July 21 2017 244.66584 1.23268 1.21316 1.16781 July 22 2017 244.66588 1.23275 1.21326 1.16781 July 23 2017 244.66588 1.23275 1.21326 1.16791 July 24 2017 244.66588 1.23278 1.21320 1.16791 July 24 2017 244.66588 1.23275 1.21326 1.16791 July 25 2017 244.66588 1.23278 1.21330 1.16791 July 25 2017 244.66588 1.23288 1.21330 1.16791 July 25 2017 244.66592 1.23288 1.21330 1.16800 July 27 2017 244.66929 1.23288 1.21330 1.16800 July 27 2017 244.69255 1.23288 1.21330 1.16800 July 27 2017 244.69255 1.23288 1.21330 1.21360 1.21360	Da	ate		Ref CPI	Index Ratio	Index Ratio	1.17981 1.17985 1.17988 1.17991 1.17994 1.17998 1.18001 1.18004 1.18007 1.18011 1.18014 1.18017 1.18020 1.18024	Index Ratio
July 29 2017 244.71277 1.23295 1.21346 1.16810 July 30 2017 244.71952 1.23298 1.21350 1.16813 July 31 2017 244.72626 1.23302 1.21353 1.16816	July July July July July July July July	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2017 2017 2017 2017 2017 2017 2017 2017	244.53074 244.53748 244.5423 244.55097 244.55771 244.56445 244.57119 244.57794 244.58468 244.59816 244.60490 244.61165 244.61839 244.62513 244.63187 244.63861 244.63861 244.65210 244.65884 244.65210 244.65884 244.67232 244.67906 244.69255 244.69929 244.70603 244.71277 244.71952	1.23203 1.23207 1.23210 1.23213 1.23217 1.23220 1.23224 1.23227 1.23230 1.23234 1.23237 1.23241 1.23244 1.23247 1.23251 1.23254 1.23258 1.23258 1.23268 1.23268 1.23271 1.23275 1.23278 1.23278 1.23288 1.23288 1.23288 1.23292 1.23295 1.23298	1.21256 1.21260 1.21263 1.21266 1.21270 1.21273 1.21276 1.21280 1.21283 1.21286 1.21290 1.21293 1.21296 1.21300 1.21303 1.21306 1.21310 1.21313 1.21316 1.21320 1.21323 1.21326 1.21320 1.21323 1.21326 1.21330 1.21330 1.21346 1.21340 1.21343 1.21346 1.21346		1.16723 1.16726 1.16730 1.16733 1.16736 1.16739 1.16742 1.16746 1.16749 1.16755 1.16758 1.16758 1.16762 1.16768 1.16771 1.16775 1.16778 1.16781 1.16781 1.16784 1.16787 1.16791 1.16794 1.16797 1.16800 1.16804 1.16807 1.16807 1.16810 1.16811

rity: ription: IP Number: d Date: inal Issue Date: tional Issue Date(s): urity Date: CPI on Dated Date:	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	1-3/8% 10-Year TIPS Series D-2018 912828JE1 July 15, 2008 July 15, 2008 October 15, 2008 July 15, 2018 215.63997	2-1/8% 10-Year TIPS Series A-2019 912828JX9 January 15, 2009 January 15, 2009 April 15, 2009 January 15, 2019 214.69971	2-1/2% 20-Year TIPS TIPS of January 202 912810PZ5 January 15, 2009 January 30, 2009 July 31, 2009 January 15, 2029 214.69971
Date	Ref CPI Index Ratio	Index Ratio	tio Index Ratio	Index Ratio
y 1 2017	44.52400 1.16720	1.13395	1.13891	1.13891
y 2 2017	44.53074 1.16723	1.13398	1.13894	1.13894
y 3 2017	44.53748 1.16726	1.13401	1.13897	1.13897
y 4 2017	44.54423 1.16730	1.13404	1.13901	1.13901
y 5 2017	44.55097 1.16733	1.13407	1.13904	1.13904
y 6 2017	44.55771 1.16736	1.13410	1.13907	1.13907
y 7 2017	44.56445 1.16739	1.13413	1.13910	1.13910
y 8 2017	44.57119 1.16742	1.13416	1.13913	1.13913
y 9 2017	44.57794 1.16746	1.13420	1.13916	1.13916
y 10 2017	44.58468 1.16749	1.13423	1.13919	1.13919
y 11 2017	44.59142 1.16752	1.13426	1.13923	1.13923
y 12 2017	44.59816 1.16755	1.13429	1.13926	1.13926
y 13 2017	44.60490 1.16758	1.13432	1.13929	1.13929
y 14 2017	44.61165 1.16762	1.13435	1.13932	1.13932
y 15 2017	44.61839 1.16765	1.13438	1.13935	1.13935
y 16 2017	44.62513 1.16768	1.13441	1.13938	1.13938
y 17 2017	44.63187 1.16771	1.13445	1.13941	1.13941
y 18 2017	44.63861 1.16775	1.13448	1.13945	1.13945
y 19 2017	44.64535 1.16778	1.13451	1.13948	1.13948
y 20 2017	44.65210 1.16781	1.13454	1.13951	1.13951
y 21 2017	44.65884 1.16784	1.13457	1.13954	1.13954
y 22 2017	44.66558 1.16787	1.13460	1.13957	1.13957
y 23 2017	44.67232 1.16791	1.13463	1.13960	1.13960
y 24 2017	44.67906 1.16794	1.13466	1.13963	1.13963
y 25 2017	44.68581 1.16797	1.13470	1.13967	1.13967
y 26 2017	44.69255 1.16800	1.13473	1.13970	1.13970
y 27 2017	44.69929 1.16804	1.13476	1.13973	1.13973
y 28 2017	44.70603 1.16807	1.13479	1.13976	1.13976
y 29 2017	44.71277 1.16810	1.13482	1.13979	1.13979
y 30 2017	44.71952 1.16813	1.13485	1.13982	1.13982
y 31 2017	44.72626 1.16816	1.13488	1.13985	1.13985
,			1.13985	244.733

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		1-7/8% 10-Year TIPS Series D-2019 912828LA6 July 15, 2009 July 15, 2009 October 15, 2009 July 15, 2019 213.51819	1-3/8% 10-Year TIPS Series A-2020 912828MF4 January 15, 2010 January 15, 2010 April 15, 2010 January 15, 2020 216.24610	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	1-1/4% 10-Year TIP Series D-2020 912828NM8 July 15, 2010 July 15, 2010 September 15, 2010 November 15, 2010 July 15, 2020 218.08532		
Da	ite	Ref CPI	Index Ratio Index Ratio		Index Ratio	Index Ratio	
July	1 2017	244.52400	1.14521	1.13077	1.13132	1.12123	
July	2 2017	244.53074	1.14525	1.13080	1.13136	1.12126	
July	3 2017	244.53748	1.14528	1.13083	1.13139	1.12129	
July	4 2017	244.54423	1.14531	1.13086	1.13142	1.12132	
July	5 2017	244.55097	1.14534	1.13089	1.13145	1.12135	
July	6 2017	244.55771	1.14537	1.13092	1.13148	1.12139	
July	7 2017	244.56445	1.14540	1.13095	1.13151	1.12142	
July	8 2017	244.57119	1.14543	1.13099	1.13154	1.12145	
July	9 2017	244.57794	1.14547	1.13102	1.13157	1.12148	
July	10 2017	244.58468	1.14550	1.13105	1.13161	1.12151	
July	11 2017	244.59142	1.14553	1.13108	1.13164	1.12154	
July	12 2017	244.59816	1.14556	1.13111	1.13167	1.12157	
July	13 2017	244.60490	1.14559	1.13114	1.13170	1.12160	
July	14 2017	244.61165	1.14562	1.13117	1.13173	1.12163	
July	15 2017	244.61839	1.14566	1.13120	1.13176	1.12166	
July	16 2017	244.62513	1.14569	1.13123	1.13179	1.12169	
July	17 2017	244.63187	1.14572	1.13127	1.13182	1.12173	
July	18 2017	244.63861	1.14575	1.13130	1.13186	1.12176	
July	19 2017	244.64535	1.14578	1.13133	1.13189	1.12179	
July	20 2017	244.65210	1.14581	1.13136	1.13192	1.12182	
July	21 2017	244.65884	1.14585	1.13139	1.13195	1.12185	
July	22 2017	244.66558	1.14588	1.13142	1.13198	1.12188	
July	23 2017	244.67232	1.14591	1.13145	1.13201	1.12191	
July	24 2017	244.67906	1.14594	1.13148	1.13204	1.12194	
July	25 2017	244.68581	1.14597	1.13152	1.13207	1.12197	
July	26 2017	244.69255	1.14600	1.13155	1.13210	1.12200	
July	27 2017	244.69929	1.14603	1.13158	1.13214	1.12203	
July	28 2017	244.70603	1.14607	1.13161	1.13217	1.12207	
July	29 2017	244.71277	1.14610	1.13164	1.13220	1.12210	
July	30 2017	244.71952	1.14613	1.13167	1.13223	1.12213	
July	31 2017	244.72626	1.14616	1.13170	1.13226	1.12216	
CDLIL	NSA) for:	March 2017	243.801	April 2017 244.524	May 2017 2	44.733	

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		1-1/8% 10-Year TIPS Series A-2021 912828PP9 January 15, 2011 January 31, 2011 March 31, 2011 May 31, 2011 January 15, 2021 218.75255	2-1/8% 30-Year TIPS TIPS of February 2041 912810QP6 February 15, 2011 February 28, 2011 June 30, 2011 October 31, 2011 February 15, 2041 218.99100	0-5/8% 10-Year TIPS Series D-2021 912828QV5 July 15, 2011 July 29, 2011 September 30, 2011 November 30, 2011 July 15, 2021 225.38381	0-1/8% 10-Year TIP Series A-2022 912828SA9 January 15, 2012 January 31, 2012 March 30, 2012 May 31, 2012 January 15, 2022 226.33474	
Da	ate	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2017	244.52400	1.11781		1.08492	
July	2 2017	244.53074	1.11784	1.11662	1.08495	1.08039
July	3 2017	244.53748	1.11787	1.11666	1.08498	1.08042
July	4 2017	244.54423	1.11790	1.11669	1.08501	1.08045
July	5 2017	244.55097	1.11793	1.11672	1.08504	1.08048
July	6 2017	244.55771	1.11797	1.11675	1.08507	1.08051
July	7 2017	244.56445	1.11800	1.11678	1.08510	1.08054
July	8 2017	244.57119	1.11803	1.11681	1.08513	1.08057
July	9 2017	244.57794	1.11806	1.11684	1.08516	1.08060
July	10 2017	244.58468	1.11809	1.11687	1.08519	1.08063
July	11 2017	244.59142	1.11812	1.11690	1.08522	1.08066
July	12 2017	244.59816	1.11815	1.11693	1.08525	1.08069
July	13 2017	244.60490	1.11818	1.11696	1.08528	1.08072
July	14 2017	244.61165	1.11821	1.11699	1.08531	1.08075
July	15 2017	244.61839	1.11824	1.11702	1.08534	1.08078
July	16 2017	244.62513	1.11827	1.11706	1.08537	1.08081
July	17 2017	244.63187	1.11830	1.11709	1.08540	1.08084
July	18 2017	244.63861	1.11833	1.11712	1.08543	1.08087
July	19 2017	244.64535	1.11837	1.11715	1.08546	1.08090
July	20 2017	244.65210	1.11840	1.11718	1.08549	1.08093
July	21 2017	244.65884	1.11843	1.11721	1.08552	1.08096
July	22 2017	244.66558	1.11846	1.11724	1.08555	1.08099
July	23 2017	244.67232	1.11849	1.11727	1.08558	1.08102
July	24 2017	244.67906	1.11852	1.11730	1.08561	1.08105
July	25 2017	244.68581	1.11855	1.11733	1.08564	1.08108
July	26 2017	244.69255	1.11858	1.11736	1.08567	1.08111
July	27 2017	244.69929	1.11861	1.11739	1.08570	1.08114
July	28 2017	244.70603	1.11864	1.11743	1.08573	1.08117
July	29 2017	244.71277	1.11867	1.11746	1.08576	1.08120
July	30 2017	244.71952	1.11870	1.11749	1.08579	1.08123
July	31 2017	244.72626	1.11874	1.11752	1.08582	1.08126
CPI-U ((NSA) for:	March 2017	243.801	April 2017 244.524	May 2017	244.733

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		0-3/4% 30-Year TIPS TIPS of February 2042 912810QV3 February 15, 2012 February 29, 2012 June 29, 2012 October 31, 2012 February 15, 2042 225.96062	0-1/8% 10-Year TIPS Series D-2022 912828TE0 July 15, 2012 July 31, 2012 September 28, 2012 November 30, 2012 July 15, 2022 229.96306	0-1/8% 10-Year TIPS Series A-2023 912828UH1 January 15, 2013 January 31, 2013 March 28, 2013 May 31, 2013 January 15, 2023 230.82203	0-5/8% 30-Year TIPS TIPS of February 204: 912810RA8 February 15, 2013 February 28, 2013 June 28, 2013 October 31, 2013 February 15, 2043 229.91100	
Dat	te	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2017	244.52400	1.08215	1.06332	1.05936	1.06356
July	2 2017	244.53074	1.08218	1.06335	1.05939	1.06359
July	3 2017	244.53748	1.08221	1.06338	1.05942	1.06362
July	4 2017	244.54423	1.08224	1.06341	1.05945	1.06365
July	5 2017	244.55097	1.08227	1.06344	1.05948	1.06368
July	6 2017	244.55771	1.08230	1.06347	1.05951	1.06371
July	7 2017	244.56445	1.08233	1.06349	1.05954	1.06374
July	8 2017	244.57119	1.08236	1.06352	1.05957	1.06376
July	9 2017	244.57794	1.08239	1.06355	1.05960	1.06379
July	10 2017	244.58468	1.08242	1.06358	1.05962	1.06382
July	11 2017	244.59142	1.08245	1.06361	1.05965	1.06385
July	12 2017	244.59816	1.08248	1.06364	1.05968	1.06388
July	13 2017	244.60490	1.08251	1.06367	1.05971	1.06391
July	14 2017	244.61165	1.08254	1.06370	1.05974	1.06394
July	15 2017	244.61839	1.08257	1.06373	1.05977	1.06397
July	16 2017	244.62513	1.08260	1.06376	1.05980	1.06400
July	17 2017	244.63187	1.08263	1.06379	1.05983	1.06403
July	18 2017	244.63861	1.08266	1.06382	1.05986	1.06406
July	19 2017	244.64535	1.08269	1.06385	1.05989	1.06409
July	20 2017	244.65210	1.08272	1.06388	1.05992	1.06412
July	21 2017	244.65884	1.08275	1.06390	1.05995	1.06415
July	22 2017	244.66558	1.08278	1.06393	1.05997	1.06418
July	23 2017	244.67232	1.08281	1.06396	1.06000	1.06420
July	24 2017	244.67906	1.08284	1.06399	1.06003	1.06423
July	25 2017	244.68581	1.08287	1.06402	1.06006	1.06426
July	26 2017	244.69255	1.08290	1.06405	1.06009	1.06429
July	27 2017	244.69929	1.08293	1.06408	1.06012	1.06432
July	28 2017	244.70603	1.08296	1.06411	1.06015	1.06435
July	29 2017	244.71277	1.08299	1.06414	1.06018	1.06438
July	30 2017	244.71952	1.08302	1.06417	1.06021	1.06441
July	31 2017	244.72626	1.08305	1.06420	1.06024	1.06444
CPI-U (N	77.7.1	March 2017	243.801	April 2017 244.524	May 2017	244.733

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		0-1/8% 5-Year TIPS Series X-2018 912828UX6 April 15, 2013 April 30, 2013 August 30, 2013 December 31, 2013 April 15, 2018 231.16013	0-3/8% 10-Year TIPS Series D-2023 912828VM9 July 15, 2013 July 31, 2013 September 30, 2013 November 29, 2013 July 15, 2023 232.71797	0-5/8% 10-Year TIPS Series A-2024 912828B25 January 15, 2014 January 31, 2014 March 31, 2014 May 30, 2014 January 15, 2024 233.33058	1-3/8% 30-Year TIPS TIPS of February 204- 912810RF7 February 15, 2014 February 28, 2014 June 30, 2014 October 31, 2014 February 15, 2044 233.05900	
Da	te	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2017	244.52400	1.05781	1.05073	1.04797	1.04919
July July	2 2017	244.53074	1.05784	1.05075	1.04800	1.04919
July	3 2017	244.53748	1.05787	1.05076	1.04803	1.04922
July	4 2017	244.54423	1.05790	1.05079	1.04806	1.04928
July	5 2017	244.55097	1.05790	1.05082	1.04809	1.04928
July	6 2017	244.55771	1.05796	1.05088	1.04812	1.04934
July	7 2017	244.56445	1.05799	1.05090	1.04815	1.04937
July	8 2017	244.57119	1.05802	1.05093	1.04817	1.04940
July	9 2017	244.57794	1.05805	1.05096	1.04820	1.04942
July	10 2017	244.58468	1.05807	1.05099	1.04823	1.04945
July	11 2017	244.59142	1.05810	1.05102	1.04826	1.04948
July	12 2017	244.59816	1.05813	1.05105	1.04829	1.04951
July	13 2017	244.60490	1.05816	1.05108	1.04832	1.04954
July	14 2017	244.61165	1.05819	1.05111	1.04835	1.04957
July	15 2017	244.61839	1.05822	1.05114	1.04838	1.04960
July	16 2017	244.62513	1.05825	1.05117	1.04841	1.04963
July	17 2017	244.63187	1.05828	1.05119	1.04843	1.04966
July	18 2017	244.63861	1.05831	1.05122	1.04846	1.04969
July	19 2017	244.64535	1.05834	1.05125	1.04849	1.04971
July	20 2017	244.65210	1.05837	1.05128	1.04852	1.04974
July	21 2017	244.65884	1.05840	1.05131	1.04855	1.04977
July	22 2017	244.66558	1.05842	1.05134	1.04858	1.04980
July	23 2017	244.67232	1.05845	1.05137	1.04861	1.04983
July	24 2017	244.67906	1.05848	1.05140	1.04864	1.04986
July	25 2017	244.68581	1.05851	1.05143	1.04867	1.04989
July	26 2017	244.69255	1.05854	1.05146	1.04869	1.04992
July	27 2017	244.69929	1.05857	1.05148	1.04872	1.04995
July	28 2017	244.70603	1.05860	1.05151	1.04875	1.04997
July	29 2017	244.71277	1.05863	1.05154	1.04878	1.05000
July	30 2017	244.71952	1.05866	1.05157	1.04881	1.05003
July	31 2017	244.72626	1.05869	1.05160	1.04884	1.05006
CPI-U (I	MGA) e	March 2017	243.801	April 2017 244.524	May 2017 2	244.733

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		0-1/8% 5-Year TIPS Series X-2019 912828C99 April 15, 2014 April 30, 2014 August 29, 2014 December 31, 2014 April 15, 2019 234.31967	0-1/8% 10-Year TIPS Series D-2024 912828WU0 July 15, 2014 July 31, 2014 September 30, 2014 November 28, 2014 July 15, 2024 237.44594	0-1/4% 10-Year TIPS Series A-2025 912828H45 January 15, 2015 January 30, 2015 March 31, 2015 May 29, 2015 January 15, 2025 236.85403	0-3/4% 30-Year TIPS TIPS of February 2045 912810RL4 February 15, 2015 February 27, 2015 June 30, 2015 October 30, 2015 February 15, 2045 235.48150	
Dat	te	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1 2017	244.52400	1.04355	1.02981	1.03238	1.03840
July	2 2017	244.53074	1.04358	1.02984	1.03241	1.03843
July	3 2017	244.53748	1.04361	1.02987	1.03244	1.03846
July	4 2017	244.54423	1.04364	1.02989	1.03247	1.03849
July	5 2017	244.55097	1.04366	1.02992	1.03250	1.03851
July	6 2017	244.55771	1.04369	1.02995	1.03253	1.03854
July	7 2017	244.56445	1.04372	1.02998	1.03255	1.03857
July	8 2017	244.57119	1.04375	1.03001	1.03258	1.03860
July	9 2017	244.57794	1.04378	1.03004	1.03261	1.03863
July	10 2017	244.58468	1.04381	1.03006	1.03264	1.03866
July	11 2017	244.59142	1.04384	1.03009	1.03267	1.03869
July	12 2017	244.59816	1.04387	1.03012	1.03270	1.03871
July	13 2017	244.60490	1.04389	1.03015	1.03272	1.03874
July	14 2017	244.61165	1.04392	1.03018	1.03275	1.03877
July	15 2017	244.61839	1.04395	1.03021	1.03278	1.03880
July	16 2017	244.62513	1.04398	1.03024	1.03281	1.03883
July	17 2017	244.63187	1.04401	1.03026	1.03284	1.03886
July	18 2017	244.63861	1.04404	1.03029	1.03287	1.03889
July	19 2017	244.64535	1.04407	1.03032	1.03290	1.03892
July	20 2017	244.65210	1.04410	1.03035	1.03292	1.03894
July	21 2017	244.65884	1.04412	1.03038	1.03295	1.03897
July	22 2017	244.66558	1.04415	1.03041	1.03298	1.03900
July	23 2017	244.67232	1.04418	1.03043	1.03301	1.03903
July	24 2017	244.67906	1.04421	1.03046	1.03304	1.03906
July	25 2017	244.68581	1.04424	1.03049	1.03307	1.03909
July	26 2017	244.69255	1.04427	1.03052	1.03309	1.03912
July	27 2017	244.69929	1.04430	1.03055	1.03312	1.03914
July	28 2017	244.70603	1.04433	1.03058	1.03315	1.03917
July	29 2017	244.71277	1.04435	1.03060	1.03318	1.03920
July	30 2017	244.71952	1.04438	1.03063	1.03321	1.03923
July	31 2017	244.72626	1.04441	1.03066	1.03324	1.03926
CPI-U (I	MGA) e	March 2017	243.801	April 2017 244.524	May 2017	244.733

Security: Description: CUSIP Numb Dated Date: Original Issue Additional Issue Maturity Dat Ref CPI on D	e Date: sue Date(s): e:	:		0-1/8% 5-Year TIPS Series X-2020 912828K33 April 15, 2015 April 30, 2015 August 31, 2015 December 31, 2015 April 15, 2020 234.18067	0-3/8% 10-Year TIPS Series D-2025 912828XL9 July 15, 2015 July 31, 2015 September 30, 2015 November 30, 2015 July 15, 2025 237.14365	0-5/8% 10-Year TIPS Series A-2026 912828N71 January 15, 2016 January 29, 2016 March 31, 2016 May 31, 2016 January 15, 2026 237.61129	1% 30-Year TIPS TIPS of February 2040 912810RR1 February 15, 2016 February 29, 2016 June 30, 2016 October 31, 2016 February 15, 2046 236.94448
Da	ate		Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio
July	1	2017	244.52400	1.04417	1.03112	1.02909	1.03199
July	2	2017	244.53074	1.04420	1.03115	1.02912	1.03202
July	3	2017	244.53748	1.04423	1.03118	1.02915	1.03205
July	4	2017	244.54423	1.04425	1.03121	1.02918	1.03207
July	5	2017	244.55097	1.04428	1.03124	1.02921	1.03210
July	6	2017	244.55771	1.04431	1.03126	1.02923	1.03213
July	7	2017	244.56445	1.04434	1.03129	1.02926	1.03216
July	8	2017	244.57119	1.04437	1.03132	1.02929	1.03219
July	9	2017	244.57794	1.04440	1.03135	1.02932	1.03222
July	10	2017	244.58468	1.04443	1.03138	1.02935	1.03224
July	11	2017	244.59142	1.04446	1.03141	1.02938	1.03227
July	12	2017	244.59816	1.04448	1.03143	1.02940	1.03230
July	13	2017	244.60490	1.04451	1.03146	1.02943	1.03233
July	14	2017	244.61165	1.04454	1.03149	1.02946	1.03236
July	15	2017	244.61839	1.04457	1.03152	1.02949	1.03239
July	16	2017	244.62513	1.04460	1.03155	1.02952	1.03242
July	17	2017	244.63187	1.04463	1.03158	1.02955	1.03244
July	18	2017	244.63861	1.04466	1.03161	1.02957	1.03247
July	19	2017	244.64535	1.04469	1.03163	1.02960	1.03250
July	20	2017	244.65210	1.04472	1.03166	1.02963	1.03253
July	21	2017	244.65884	1.04474	1.03169	1.02966	1.03256
July	22	2017	244.66558	1.04477	1.03172	1.02969	1.03259
July	23	2017	244.67232	1.04480	1.03175	1.02972	1.03261
July	24	2017	244.67906	1.04483	1.03178	1.02975	1.03264
July	25	2017	244.68581	1.04486	1.03180	1.02977	1.03267
July	26	2017	244.69255	1.04489	1.03183	1.02980	1.03270
July	27	2017	244.69929	1.04492	1.03186	1.02983	1.03273
July	28	2017	244.70603	1.04495	1.03189	1.02986	1.03276
July	29	2017	244.71277	1.04497	1.03192	1.02989	1.03279
July	30	2017	244.71952	1.04500	1.03195	1.02992	1.03281
July	31	2017	244.72626	1.04503	1.03197	1.02994	1.03284
CPLU ((NSA) for:		March 2017	243.801	April 2017 244.524	May 2017 2	244.733

Security: Description: CUSIP Number: Dated Date: Original Issue Date: Additional Issue Date(s): Maturity Date: Ref CPI on Dated Date:		Description: CUSIP Number: 912828Q60 Dated Date: April 15, 2016 April 29, 2016 Additional Issue Date(s): Additional Issue Date(s): April 29, 2016 August 31, 2016 December 30, 2016 Maturity Date: April 15, 2021		912828Q60 April 15, 2016 April 29, 2016 August 31, 2016 December 30, 2016 April 15, 2021	0-1/8% 10-Year TIPS Series D-2026 912828S50 July 15, 2016 July 29, 2016 September 30, 2016 November 30, 2016 July 15, 2026 239,70132	0-3/8% 10-Year TIPS Series A-2027 912828V49 January 15, 2017 January 31, 2017 May 31, 2017 May 31, 2017 January 15, 2027 241.55919 0-7/8% 30-Year TIPS of Februar 912810RW0 February 15, 20 February 15, 20 241.39250		
Dat	re	Ref CPI	Index Ratio	Index Ratio	Index Ratio	Index Ratio		
Dat		1101 011	IIIIII IIIIII	Inuca muno	IIIIII IIIII	Index muno		
July	1 2017	244.52400	1.03172	1.02012	1.01227	1.01297		
July	2 2017	244.53074	1.03174	1.02015	1.01230	1.01300		
July	3 2017	244.53748	1.03177	1.02018	1.01233	1.01303		
July	4 2017	244.54423	1.03180	1.02020	1.01236	1.01306		
July	5 2017	244.55097	1.03183	1.02023	1.01239	1.01308		
July	6 2017	244.55771	1.03186	1.02026	1.01241	1.01311		
July	7 2017	244.56445	1.03189	1.02029	1.01244	1.01314		
July	8 2017	244.57119	1.03192	1.02032	1.01247	1.01317		
July	9 2017	244.57794	1.03194	1.02034	1.01250	1.01320		
July	10 2017	244.58468	1.03197	1.02037	1.01252	1.01322		
July	11 2017	244.59142	1.03200	1.02040	1.01255	1.01325		
July	12 2017	244.59816	1.03203	1.02043	1.01258	1.01328		
July	13 2017	244.60490	1.03206	1.02046	1.01261	1.01331		
July	14 2017	244.61165	1.03209	1.02049	1.01264	1.01334		
July	15 2017	244.61839	1.03211	1.02051	1.01266	1.01336		
July	16 2017	244.62513	1.03214	1.02054	1.01269	1.01339		
July	17 2017	244.63187	1.03217	1.02057	1.01272	1.01342		
July	18 2017	244.63861	1.03220	1.02060	1.01275	1.01345		
July	19 2017	244.64535	1.03223	1.02063	1.01278	1.01348		
July	20 2017	244.65210	1.03226	1.02065	1.01280	1.01350		
July	21 2017	244.65884	1.03229	1.02068	1.01283	1.01353		
July	22 2017	244.66558	1.03231	1.02071	1.01286	1.01356		
July	23 2017	244.67232	1.03234	1.02074	1.01289	1.01359		
July	24 2017	244.67906	1.03237	1.02077	1.01292	1.01362		
July	25 2017	244.68581	1.03240	1.02079	1.01294	1.01364		
July	26 2017	244.69255	1.03243	1.02082	1.01297	1.01367		
July	27 2017	244.69929	1.03246	1.02085	1.01300	1.01370		
July	28 2017	244.70603	1.03248	1.02088	1.01303	1.01373		
July	29 2017	244.71277	1.03251	1.02091	1.01306	1.01375		
July	30 2017	244.71952	1.03254	1.02094	1.01308	1.01378		
July	31 2017	244.72626	1.03257	1.02096	1.01311	1.01381		
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Security: Description: CUSIP Numb Dated Date: Original Issu Additional Iss Maturity Dat Ref CPI on D	e Date: sue Date(s) e:			0-1/8% 5-Year TIPS Series X-2022 912828X39 April 15, 2017 April 28, 2017 April 15, 2022 243.19553			
Date Ref CPI		Ref CPI	Index Ratio				
July	1	2017	244.52400	1.00546			
July	2	2017	244.53074	1.00549			
July	3	2017	244.53748	1.00552			
July	4	2017	244.54423	1.00555			
July	5	2017	244.55097	1.00557			
July	6	2017	244.55771	1.00560			
July	7	2017	244.56445	1.00563			
July	8	2017	244.57119	1.00566			
July	9	2017	244.57794	1.00568			
July	10	2017	244.58468	1.00571			
July	11	2017	244.59142	1.00574			
July	12	2017	244.59816	1.00577			
July	13	2017	244.60490	1.00580			
July	14	2017	244.61165	1.00582			
July	15	2017	244.61839	1.00585			
July	16	2017	244.62513	1.00588			
July	17	2017	244.63187	1.00591			
July	18	2017	244.63861	1.00593			
July	19	2017	244.64535	1.00596			
July	20	2017	244.65210	1.00599			
July	21	2017	244.65884	1.00602			
July	22	2017	244.66558	1.00604			
July	23	2017	244.67232	1.00607			
July	24	2017	244.67906	1.00610			
July	25	2017	244.68581	1.00613			
July	26	2017	244.69255	1.00616			
July	27	2017	244.69929	1.00618			
July	28	2017	244.70603	1.00621			
July	29	2017	244.71277	1.00624			
July	30	2017	244.71952	1.00627			
July	31	2017	244.72626	1.00629	İ		