Ref CPI and Index Ratios for
May 2004

| Security: <br> Description: <br> CUSIP Number: <br> Dated Date: <br> Original Issue Date: <br> Additional Issue Date(s): <br> Maturity Date: <br> Ref CPI on Dated Date: |  |  |  | 3-3/8\% 10-Year Notes <br> Series A-2007 <br> 9128272M3 <br> January 15, 1997 <br> February 6, 1997 <br> April 15, 1997 <br> January 15, 2007 <br> 158.43548 | 3-5/8\% 10-Year Notes <br> Series A-2008 <br> 9128273T7 <br> January 15, 1998 <br> January 15, 1998 <br> October 15, 1998 <br> January 15, 2008 <br> 161.55484 | 3-5/8\% 30-Year Bonds <br> Bonds of April 2028 <br> 912810FD5 <br> April 15, 1998 <br> April 15, 1998 <br> July 15, 1998 <br> April 15, 2028 <br> 161.74000 | 3-7/8\% 10-Year Notes <br> Series A-2009 <br> 9128274Y5 <br> January 15, 1999 <br> January 15, 1999 <br> July 15, 1999 <br> January 15, 2009 <br> 164.00000 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date |  |  | Ref CPI | Index Ratio | Index Ratio | Index Ratio | Index Ratio |  |
| May | 1 | 2004 | 186.20000 | 1.17524 | 1.15255 | 1.15123 | 1.13537 |  |
| May | 2 | 2004 | 186.23871 | 1.17549 | 1.15279 | 1.15147 | 1.13560 |  |
| May | 3 | 2004 | 186.27742 | 1.17573 | 1.15303 | 1.15171 | 1.13584 |  |
| May | 4 | 2004 | 186.31613 | 1.17597 | 1.15327 | 1.15195 | 1.13607 |  |
| May | 5 | 2004 | 186.35484 | 1.17622 | 1.15351 | 1.15219 | 1.13631 |  |
| May | 6 | 2004 | 186.39355 | 1.17646 | 1.15375 | 1.15243 | 1.13655 |  |
| May | 7 | 2004 | 186.43226 | 1.17671 | 1.15399 | 1.15267 | 1.13678 |  |
| May | 8 | 2004 | 186.47097 | 1.17695 | 1.15423 | 1.15291 | 1.13702 |  |
| May | 9 | 2004 | 186.50968 | 1.17720 | 1.15447 | 1.15315 | 1.13725 |  |
| May | 10 | 2004 | 186.54839 | 1.17744 | 1.15471 | 1.15338 | 1.13749 |  |
| May | 11 | 2004 | 186.58710 | 1.17769 | 1.15495 | 1.15362 | 1.13773 |  |
| May | 12 | 2004 | 186.62581 | 1.17793 | 1.15519 | 1.15386 | 1.13796 |  |
| May | 13 | 2004 | 186.66452 | 1.17817 | 1.15543 | 1.15410 | 1.13820 |  |
| May | 14 | 2004 | 186.70323 | 1.17842 | 1.15566 | 1.15434 | 1.13843 |  |
| May | 15 | 2004 | 186.74194 | 1.17866 | 1.15590 | 1.15458 | 1.13867 |  |
| May | 16 | 2004 | 186.78065 | 1.17891 | 1.15614 | 1.15482 | 1.13891 |  |
| May | 17 | 2004 | 186.81935 | 1.17915 | 1.15638 | 1.15506 | 1.13914 |  |
| May | 18 | 2004 | 186.85806 | 1.17940 | 1.15662 | 1.15530 | 1.13938 |  |
| May | 19 | 2004 | 186.89677 | 1.17964 | 1.15686 | 1.15554 | 1.13961 |  |
| May | 20 | 2004 | 186.93548 | 1.17988 | 1.15710 | 1.15578 | 1.13985 |  |
| May | 21 | 2004 | 186.97419 | 1.18013 | 1.15734 | 1.15602 | 1.14009 |  |
| May | 22 | 2004 | 187.01290 | 1.18037 | 1.15758 | 1.15626 | 1.14032 |  |
| May | 23 | 2004 | 187.05161 | 1.18062 | 1.15782 | 1.15650 | 1.14056 |  |
| May | 24 | 2004 | 187.09032 | 1.18086 | 1.15806 | 1.15674 | 1.14079 |  |
| May | 25 | 2004 | 187.12903 | 1.18111 | 1.15830 | 1.15697 | 1.14103 |  |
| May | 26 | 2004 | 187.16774 | 1.18135 | 1.15854 | 1.15721 | 1.14127 |  |
| May | 27 | 2004 | 187.20645 | 1.18159 | 1.15878 | 1.15745 | 1.14150 |  |
| May | 28 | 2004 | 187.24516 | 1.18184 | 1.15902 | 1.15769 | 1.14174 |  |
| May | 29 | 2004 | 187.28387 | 1.18208 | 1.15926 | 1.15793 | 1.14197 |  |
| May | 30 | 2004 | 187.32258 | 1.18233 | 1.15950 | 1.15817 | 1.14221 |  |
| May | 31 | 2004 | 187.36129 | 1.18257 | 1.15974 | 1.15841 | 1.14245 |  |
| CPI-U (NSA) for : |  |  | January 2004 | 185.2 | February 2004 | 186.2 | March 2004 | 187.4 |

TREASURY INFLATION-INDEXED SECURITIES
Ref CPI and Index Ratios for
May 2004

| Secu <br> Desc <br> CUSI <br> Dated <br> Origi <br> Addit <br> Matu <br> Ref | on: umb te: Issue al Is Date on D | r: <br> Date: ue Dat |  | 3-7/8\% 30-Year Bonds <br> Bonds of April 2029 <br> 912810FH6 <br> April 15, 1999 <br> April 15, 1999 <br> October 15, 1999 <br> October 16, 2000 <br> April 15, 2029 <br> 164.39333 | 4-1/4\% 10-Year Notes <br> Series A-2010 <br> 9128275W8 <br> January 15, 2000 <br> January 18, 2000 <br> July 17, 2000 <br> January 15, 2010 168.24516 | 3-1/2\% 10-Year Notes <br> Series A-2011 <br> 9128276R8 <br> January 15, 2001 <br> January 16, 2001 <br> July 16, 2001 <br> January 15, 2011 <br> 174.04516 | 3-3/8\% 30-1/2-Year Bonds <br> Bonds of April 2032 <br> 912810FQ6 <br> October 15, 2001 <br> October 15, 2001 <br> April 15, 2032 <br> 177.50000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Dat |  | Ref CPI | Index Ratio | Index Ratio | Index Ratio | Index Ratio |
| May | 1 | 2004 | 186.20000 | 1.13265 | 1.10672 | 1.06984 | 1.04901 |
| May | 2 | 2004 | 186.23871 | 1.13288 | 1.10695 | 1.07006 | 1.04923 |
| May | 3 | 2004 | 186.27742 | 1.13312 | 1.10718 | 1.07028 | 1.04945 |
| May | 4 | 2004 | 186.31613 | 1.13336 | 1.10741 | 1.07050 | 1.04967 |
| May | 5 | 2004 | 186.35484 | 1.13359 | 1.10764 | 1.07073 | 1.04989 |
| May | 6 | 2004 | 186.39355 | 1.13383 | 1.10787 | 1.07095 | 1.05010 |
| May | 7 | 2004 | 186.43226 | 1.13406 | 1.10810 | 1.07117 | 1.05032 |
| May | 8 | 2004 | 186.47097 | 1.13430 | 1.10833 | 1.07139 | 1.05054 |
| May | 9 | 2004 | 186.50968 | 1.13453 | 1.10856 | 1.07162 | 1.05076 |
| May | 10 | 2004 | 186.54839 | 1.13477 | 1.10879 | 1.07184 | 1.05098 |
| May | 11 | 2004 | 186.58710 | 1.13500 | 1.10902 | 1.07206 | 1.05119 |
| May | 12 | 2004 | 186.62581 | 1.13524 | 1.10925 | 1.07228 | 1.05141 |
| May | 13 | 2004 | 186.66452 | 1.13548 | 1.10948 | 1.07251 | 1.05163 |
| May | 14 | 2004 | 186.70323 | 1.13571 | 1.10971 | 1.07273 | 1.05185 |
| May | 15 | 2004 | 186.74194 | 1.13595 | 1.10994 | 1.07295 | 1.05207 |
| May | 16 | 2004 | 186.78065 | 1.13618 | 1.11017 | 1.07317 | 1.05229 |
| May | 17 | 2004 | 186.81935 | 1.13642 | 1.11040 | 1.07340 | 1.05250 |
| May | 18 | 2004 | 186.85806 | 1.13665 | 1.11063 | 1.07362 | 1.05272 |
| May | 19 | 2004 | 186.89677 | 1.13689 | 1.11086 | 1.07384 | 1.05294 |
| May | 20 | 2004 | 186.93548 | 1.13712 | 1.11109 | 1.07406 | 1.05316 |
| May | 21 | 2004 | 186.97419 | 1.13736 | 1.11132 | 1.07429 | 1.05338 |
| May | 22 | 2004 | 187.01290 | 1.13759 | 1.11155 | 1.07451 | 1.05359 |
| May | 23 | 2004 | 187.05161 | 1.13783 | 1.11178 | 1.07473 | 1.05381 |
| May | 24 | 2004 | 187.09032 | 1.13807 | 1.11201 | 1.07495 | 1.05403 |
| May | 25 | 2004 | 187.12903 | 1.13830 | 1.11224 | 1.07518 | 1.05425 |
| May | 26 | 2004 | 187.16774 | 1.13854 | 1.11247 | 1.07540 | 1.05447 |
| May | 27 | 2004 | 187.20645 | 1.13877 | 1.11270 | 1.07562 | 1.05468 |
| May | 28 | 2004 | 187.24516 | 1.13901 | 1.11293 | 1.07584 | 1.05490 |
| May | 29 | 2004 | 187.28387 | 1.13924 | 1.11316 | 1.07606 | 1.05512 |
| May | 30 | 2004 | 187.32258 | 1.13948 | 1.11339 | 1.07629 | 1.05534 |
| May | 31 | 2004 | 187.36129 | 1.13971 | 1.11362 | 1.07651 | 1.05556 |
| CPI-U (NSA) for : |  |  | January 2004 | 185.2 | February 2004 | 186.2 | March 2004 |

TREASURY INFLATION-INDEXED SECURITIES
Ref CPI and Index Ratios for
May 2004

| Security: <br> Description: <br> CUSIP Number: <br> Dated Date: <br> Original Issue Date: <br> Additional Issue Date(s): <br> Maturity Date: <br> Ref CPI on Dated Date: |  |  |  | 3-3/8\% 10-Year Notes <br> Series A-2012 <br> 9128277J5 <br> January 15, 2002 <br> January 15, 2002 <br> January 15, 2012 <br> 177.56452 | 3\% 10-Year Notes <br> Series C-2012 <br> 912828AF7 <br> July 15, 2002 <br> July 15, 2002 <br> October 15, 2002 <br> January 15, 2003 <br> July 15, 2012 <br> 179.80000 | 1-7/8\% 10-Year Notes <br> Series C-2013 <br> 912828BD1 <br> July 15, 2003 <br> July 15, 2003 <br> October 15, 2003 <br> July 15, 2013 <br> 183.66452 | 2\% 10-Year Notes <br> Series A-2014 <br> 912828BW9 <br> January 15, 2004 <br> January 15, 2004 <br> April 15, 2004 <br> January 15, 2014 <br> 184.77419 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date |  |  | Ref CPI | Index Ratio | Index Ratio | Index Ratio | Index Ratio |  |
| May | 1 | 2004 | 186.20000 |  | 1.03560 | 1.01380 | 1.00772 |  |
| May | 2 | 2004 | 186.23871 | $\begin{aligned} & 1.04863 \\ & 1.04885 \end{aligned}$ | 1.03581 | 1.01402 | 1.00793 |  |
| May | 3 | 2004 | 186.27742 | 1.04907 | 1.03603 | 1.01423 | 1.00814 |  |
| May | 4 | 2004 | 186.31613 | 1.04929 | 1.03624 | 1.01444 | 1.00834 |  |
| May | 5 | 2004 | 186.35484 | 1.04950 | 1.03646 | 1.01465 | 1.00855 |  |
| May | 6 | 2004 | 186.39355 | 1.04972 | 1.03667 | 1.01486 | 1.00876 |  |
| May | 7 | 2004 | 186.43226 | 1.04994 | 1.03689 | 1.01507 | 1.00897 |  |
| May | 8 | 2004 | 186.47097 | 1.05016 | 1.03710 | 1.01528 | 1.00918 |  |
| May | 9 | 2004 | 186.50968 | 1.05038 | 1.03732 | 1.01549 | 1.00939 |  |
| May | 10 | 2004 | 186.54839 | 1.05059 | 1.03753 |  | 1.00960 |  |
| May | 11 | 2004 | 186.58710 | 1.05081 |  | 1.01591 | 1.00981 |  |
| May | 12 | 2004 | 186.62581 | 1.05103 | 1.03775 | 1.01612 | 1.01002 |  |
| May | 13 | 2004 | 186.66452 | 1.05125 | 1.03796 |  | 1.01023 |  |
| May | 14 | 2004 | 186.70323 | 1.05147 | 1.03839 | 1.01633 1.01654 | 1.01044 |  |
| May | 15 | 2004 | 186.74194 | 1.05168 | 1.03861 | 1.01654 | 1.01065 |  |
| May | 16 | 2004 | 186.78065 | 1.05190 |  | 1.01676 | 1.01086 |  |
| May | 17 | 2004 | 186.81935 | 1.05212 | 1.03882 | 1.01697 | 1.01107 |  |
| May | 18 | 2004 | 186.85806 | 1.05234 | 1.03904 | $1.01739$ | 1.01128 |  |
| May | 19 | 2004 | 186.89677 | 1.05256 | 1.03926 | $1.01760$ | 1.01149 |  |
| May | 20 | 2004 | 186.93548 | 1.05277 | 1.03947 | 1.01781 | 1.01191 |  |
| May | 21 | 2004 | 186.97419 | 1.05299 | 1.03969 1.03990 | 1.01802 |  |  |
| May | 22 | 2004 | 187.01290 | 1.05321 | 1.03990 1.04012 | 1.01823 | 1.01212 |  |
| May | 23 | 2004 | 187.05161 | 1.05343 | $1.04033$ | 1.01844 | 1.01233 |  |
| May | 24 | 2004 | 187.09032 | 1.05365 | $\begin{aligned} & 1.04033 \\ & 1.04055 \end{aligned}$ | 1.01865 | 1.01253 |  |
| May | 25 | 2004 | 187.12903 | 1.05386 | $1.04076$ | 1.01886 | 1.01274 |  |
| May | 26 | 2004 | 187.16774 | 1.05408 | $\begin{aligned} & 1.040 / 6 \\ & 1.04098 \end{aligned}$ | 1.01907 | 1.01295 |  |
| May | 27 | 2004 | 187.20645 | 1.05430 | 1.04119 | 1.01928 | 1.01316 |  |
| May | 28 | 2004 | 187.24516 |  | 1.04141 | 1.01950 | 1.01337 |  |
| May | 29 | 2004 | 187.28387 | 1.05474 | 1.04162 | 1.01971 | 1.01358 |  |
| May | 30 | 2004 | 187.32258 | 1.05496 |  | $\begin{aligned} & 1.01992 \\ & 1.02013 \end{aligned}$ | 1.01379 |  |
| May | 31 | 2004 | 187.36129 | 1.05517 | 1.04184 |  | 1.01400 |  |
| CPI-U (NSA) for : |  |  | January 2004 | 185.2 | February 2004 | 186.2 | March 2004 | 187.4 |

