TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
October 2004

| Security: <br> Description: <br> CUSIP Number: <br> Dated Date: <br> Original Issue Date: <br> Additional Issue Date(s): |  |  |  | 3-3/8\% 10-Year TIPS <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 TIPS <br> Series A-2008 <br> 9128273 T7 <br> January 15, 1998 <br> January 15, 1998 <br> October 15, 1998 <br> January 15, 2008 <br> 161.55484 | 3-5/8\% 30-Year TIPS <br> TIPS 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 TIPS <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 |  |
| Oct. | 1 | 2004 | 189.40000 | 1.19544 | 1.17236 | 1.17102 | 1.15488 |  |
| Oct. | 2 | 2004 | 189.40323 | 1.19546 | 1.17238 | 1.17104 | 1.15490 |  |
| Oct. | 3 | 2004 | 189.40645 | 1.19548 | 1.17240 | 1.17106 | 1.15492 |  |
| Oct. | 4 | 2004 | 189.40968 | 1.19550 | 1.17242 | 1.17108 | 1.15494 |  |
| Oct. | 5 | 2004 | 189.41290 | 1.19552 | 1.17244 | 1.17109 | 1.15496 |  |
| Oct. | 6 | 2004 | 189.41613 | 1.19554 | 1.17246 | 1.17111 | 1.15498 |  |
| Oct. | 7 | 2004 | 189.41935 | 1.19556 | 1.17248 | 1.17113 | 1.15500 |  |
| Oct. | 8 | 2004 | 189.42258 | 1.19558 | 1.17250 | 1.17115 | 1.15502 |  |
| Oct. | 9 | 2004 | 189.42581 | 1.19560 | 1.17252 | 1.17117 | 1.15504 |  |
| Oct. | 10 | 2004 | 189.42903 | 1.19562 | 1.17254 | 1.17119 | 1.15506 |  |
| Oct. | 11 | 2004 | 189.43226 | 1.19564 | 1.17256 | 1.17121 | 1.15507 |  |
| Oct. | 12 | 2004 | 189.43548 | 1.19566 | 1.17258 | 1.17123 | 1.15509 |  |
| Oct. | 13 | 2004 | 189.43871 | 1.19568 | 1.17260 | 1.17125 | 1.15511 |  |
| Oct. | 14 | 2004 | 189.44194 | 1.19570 | 1.17262 | 1.17127 | 1.15513 |  |
| Oct. | 15 | 2004 | 189.44516 | 1.19572 | 1.17264 | 1.17129 | 1.15515 |  |
| Oct. | 16 | 2004 | 189.44839 | 1.19574 | 1.17266 | 1.17131 | 1.15517 |  |
| Oct. | 17 | 2004 | 189.45161 | 1.19577 | 1.17268 | 1.17133 | 1.15519 |  |
| Oct. | 18 | 2004 | 189.45484 | 1.19579 | 1.17270 | 1.17135 | 1.15521 |  |
| Oct. | 19 | 2004 | 189.45806 | 1.19581 | 1.17272 | 1.17137 | 1.15523 |  |
| Oct. | 20 | 2004 | 189.46129 | 1.19583 | 1.17274 | 1.17139 | 1.15525 |  |
| Oct. | 21 | 2004 | 189.46452 | 1.19585 | 1.17276 | 1.17141 | 1.15527 |  |
| Oct. | 22 | 2004 | 189.46774 | 1.19587 | 1.17278 | 1.17143 | 1.15529 |  |
| Oct. | 23 | 2004 | 189.47097 | 1.19589 | 1.17280 | 1.17145 | 1.15531 |  |
| Oct. | 24 | 2004 | 189.47419 | 1.19591 | 1.17282 | 1.17147 | 1.15533 |  |
| Oct. | 25 | 2004 | 189.47742 | 1.19593 | 1.17284 | 1.17149 | 1.15535 |  |
| Oct. | 26 | 2004 | 189.48065 | 1.19595 | 1.17286 | 1.17151 | 1.15537 |  |
| Oct. | 27 | 2004 | 189.48387 | 1.19597 | 1.17288 | 1.17153 | 1.15539 |  |
| Oct. | 28 | 2004 | 189.48710 | 1.19599 | 1.17290 | 1.17155 | 1.15541 |  |
| Oct. | 29 | 2004 | 189.49032 | 1.19601 | 1.17292 | 1.17157 | 1.15543 |  |
| Oct. | 30 | 2004 | 189.49355 | 1.19603 | 1.17294 | 1.17159 | 1.15545 |  |
| Oct. | 31 | 2004 | 189.49677 | 1.19605 | 1.17296 | 1.17161 | 1.15547 |  |
| CPI-U (NSA) for : |  |  | June 2004 | 189.7 | July 2004 | 189.4 | August 2004 | 189.5 |

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
October 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: |  |  |  | 3-7/8\% 30-Year TIPS <br> TIPS 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 TIPS <br> Series A-2010 <br> 9128275W8 <br> January 15, 2000 <br> January 18, 2000 <br> July 17, 2000 <br> January 15, 2010 <br> 168.24516 | 3-1/2\% 10-Year TIPS <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 | $\begin{aligned} & \text { 3-3/8\% 30-1/2-Year TIPS } \\ & \text { TIPS of April } 2032 \\ & \text { 912810FQ6 } \\ & \text { October 15, } 2001 \\ & \text { October 15, } 2001 \\ & \\ & \text { April 15, } 2032 \\ & \text { 177.50000 } \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date |  |  | Ref CPI | Index Ratio | Index Ratio | Index Ratio | Index Ratio |  |
| Oct. | 1 | 2004 | 189.40000 | 1.15211 | 1.12574 | 1.08822 | 1.06704 |  |
| Oct. | 2 | 2004 | 189.40323 | 1.15213 | 1.12576 | 1.08824 | 1.06706 |  |
| Oct. | 3 | 2004 | 189.40645 | 1.15215 | 1.12578 | 1.08826 | 1.06708 |  |
| Oct. | 4 | 2004 | 189.40968 | 1.15217 | 1.12580 | 1.08828 | 1.06710 |  |
| Oct. | 5 | 2004 | 189.41290 | 1.15219 | 1.12581 | 1.08830 | 1.06711 |  |
| Oct. | 6 | 2004 | 189.41613 | 1.15221 | 1.12583 | 1.08832 | 1.06713 |  |
| Oct. | 7 | 2004 | 189.41935 | 1.15223 | 1.12585 | 1.08833 | 1.06715 |  |
| Oct. | 8 | 2004 | 189.42258 | 1.15225 | 1.12587 | 1.08835 | 1.06717 |  |
| Oct. | 9 | 2004 | 189.42581 | 1.15227 | 1.12589 | 1.08837 | 1.06719 |  |
| Oct. | 10 | 2004 | 189.42903 | 1.15229 | 1.12591 | 1.08839 | 1.06721 |  |
| Oct. | 11 | 2004 | 189.43226 | 1.15231 | 1.12593 | 1.08841 | 1.06722 |  |
| Oct. | 12 | 2004 | 189.43548 | 1.15233 | 1.12595 | 1.08843 | 1.06724 |  |
| Oct. | 13 | 2004 | 189.43871 | 1.15235 | 1.12597 | 1.08845 | 1.06726 |  |
| Oct. | 14 | 2004 | 189.44194 | 1.15237 | 1.12599 | 1.08846 | 1.06728 |  |
| Oct. | 15 | 2004 | 189.44516 | 1.15239 | 1.12601 | 1.08848 | 1.06730 |  |
| Oct. | 16 | 2004 | 189.44839 | 1.15241 | 1.12603 | 1.08850 | 1.06731 |  |
| Oct. | 17 | 2004 | 189.45161 | 1.15243 | 1.12604 | 1.08852 | 1.06733 |  |
| Oct. | 18 | 2004 | 189.45484 | 1.15245 | 1.12606 | 1.08854 | 1.06735 |  |
| Oct. | 19 | 2004 | 189.45806 | 1.15247 | 1.12608 | 1.08856 | 1.06737 |  |
| Oct. | 20 | 2004 | 189.46129 | 1.15249 | 1.12610 | 1.08858 | 1.06739 |  |
| Oct. | 21 | 2004 | 189.46452 | 1.15251 | 1.12612 | 1.08859 | 1.06741 |  |
| Oct. | 22 | 2004 | 189.46774 | 1.15253 | 1.12614 | 1.08861 | 1.06742 |  |
| Oct. | 23 | 2004 | 189.47097 | 1.15255 | 1.12616 | 1.08863 | 1.06744 |  |
| Oct. | 24 | 2004 | 189.47419 | 1.15257 | 1.12618 | 1.08865 | 1.06746 |  |
| Oct. | 25 | 2004 | 189.47742 | 1.15259 | 1.12620 | 1.08867 | 1.06748 |  |
| Oct. | 26 | 2004 | 189.48065 | 1.15261 | 1.12622 | 1.08869 | 1.06750 |  |
| Oct. | 27 | 2004 | 189.48387 | 1.15263 | 1.12624 | 1.08871 | 1.06751 |  |
| Oct. | 28 | 2004 | 189.48710 | 1.15264 | 1.12626 | 1.08872 | 1.06753 |  |
| Oct. | 29 | 2004 | 189.49032 | 1.15266 | 1.12628 | 1.08874 | 1.06755 |  |
| Oct. | 30 | 2004 | 189.49355 | 1.15268 | 1.12629 | 1.08876 | 1.06757 |  |
| Oct. | 31 | 2004 | 189.49677 | 1.15270 | 1.12631 | 1.08878 | 1.06759 |  |
| CPI-U (NSA) for : |  |  | June 2004 | 189.7 | July 2004 | 189.4 | August 2004 | 189.5 |

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
October 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 TIPS <br> Series A-2012 <br> 9128277J5 <br> January 15, 2002 <br> January 15, 2002 <br> January 15, 2012 <br> 177.56452 | 3\% 10-Year TIPS <br> Series C-2012 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 TIPS <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 TIPS <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 |  |
| Oct. | 1 | 2004 | 189.40000 | 1.06665 | 1.05339 | 1.03123 | 1.02503 |  |
| Oct. | 2 | 2004 | 189.40323 | 1.06667 | 1.05341 | 1.03125 | 1.02505 |  |
| Oct. | 3 | 2004 | 189.40645 | 1.06669 | 1.05343 | 1.03126 | 1.02507 |  |
| Oct. | 4 | 2004 | 189.40968 | 1.06671 | 1.05345 | 1.03128 | 1.02509 |  |
| Oct. | 5 | 2004 | 189.41290 | 1.06673 | 1.05346 | 1.03130 | 1.02510 |  |
| Oct. | 6 | 2004 | 189.41613 | 1.06675 | 1.05348 | 1.03132 | 1.02512 |  |
| Oct. | 7 | 2004 | 189.41935 | 1.06676 | 1.05350 | 1.03133 | 1.02514 |  |
| Oct. | 8 | 2004 | 189.42258 | 1.06678 | 1.05352 | 1.03135 | 1.02516 |  |
| Oct. | 9 | 2004 | 189.42581 | 1.06680 | 1.05354 | 1.03137 | 1.02517 |  |
| Oct. | 10 | 2004 | 189.42903 | 1.06682 | 1.05355 | 1.03139 | 1.02519 |  |
| Oct. | 11 | 2004 | 189.43226 | 1.06684 | 1.05357 | 1.03140 | 1.02521 |  |
| Oct. | 12 | 2004 | 189.43548 | 1.06685 | 1.05359 | 1.03142 | 1.02523 |  |
| Oct. | 13 | 2004 | 189.43871 | 1.06687 | 1.05361 | 1.03144 | 1.02524 |  |
| Oct. | 14 | 2004 | 189.44194 | 1.06689 | 1.05363 | 1.03146 | 1.02526 |  |
| Oct. | 15 | 2004 | 189.44516 | 1.06691 | 1.05364 | 1.03147 | 1.02528 |  |
| Oct. | 16 | 2004 | 189.44839 | 1.06693 | 1.05366 | 1.03149 | 1.02530 |  |
| Oct. | 17 | 2004 | 189.45161 | 1.06695 | 1.05368 | 1.03151 | 1.02531 |  |
| Oct. | 18 | 2004 | 189.45484 | 1.06696 | 1.05370 | 1.03153 | 1.02533 |  |
| Oct. | 19 | 2004 | 189.45806 | 1.06698 | 1.05372 | 1.03154 | 1.02535 |  |
| Oct. | 20 | 2004 | 189.46129 | 1.06700 | 1.05373 | 1.03156 | 1.02537 |  |
| Oct. | 21 | 2004 | 189.46452 | 1.06702 | 1.05375 | 1.03158 | 1.02538 |  |
| Oct. | 22 | 2004 | 189.46774 | 1.06704 | 1.05377 | 1.03160 | 1.02540 |  |
| Oct. | 23 | 2004 | 189.47097 | 1.06705 | 1.05379 | 1.03161 | 1.02542 |  |
| Oct. | 24 | 2004 | 189.47419 | 1.06707 | 1.05381 | 1.03163 | 1.02544 |  |
| Oct. | 25 | 2004 | 189.47742 | 1.06709 | 1.05382 | 1.03165 | 1.02545 |  |
| Oct. | 26 | 2004 | 189.48065 | 1.06711 | 1.05384 | 1.03167 | 1.02547 |  |
| Oct. | 27 | 2004 | 189.48387 | 1.06713 | 1.05386 | 1.03168 | 1.02549 |  |
| Oct. | 28 | 2004 | 189.48710 | 1.06715 | 1.05388 | 1.03170 | 1.02551 |  |
| Oct. | 29 | 2004 | 189.49032 | 1.06716 | 1.05389 | 1.03172 | 1.02552 |  |
| Oct. | 30 | 2004 | 189.49355 | 1.06718 | 1.05391 | 1.03174 | 1.02554 |  |
| Oct. | 31 | 2004 | 189.49677 | 1.06720 | 1.05393 | 1.03175 | 1.02556 |  |
| CPI-U (NSA) for : |  |  | June 2004 | 189.7 | July 2004 | 189.4 | August 2004 | 189.5 |

TREASURY INFLATION-PROTECTED SECURITIES (TIPS)
Ref CPI and Index Ratios for
October 2004

| Secur Descrip CUSI Dated Origin Addit <br> Matur <br> Ref C | ion: umb te: Issue al Iss <br> Date on D | r: <br> Date: <br> ue Da |  | 2\% 10-Year TIPS <br> Series D-2014 <br> 912828CP3 <br> July 15, 2004 <br> July 15, 2004 <br> July 15, 2014 <br> 188.49677 | 2-3/8\% 20-1/2-Year TIPS <br> TIPS of January 2025 912810FR4 <br> July 15, 2004 <br> July 30, 2004 <br> January 15, 2025 <br> 188.49677 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Date |  | Ref CPI | Index Ratio | Index Ratio |  |  |  |
| Oct. | 1 | 2004 | 189.40000 | 1.00479 | 1.00479 |  |  |  |
| Oct. | 2 | 2004 | 189.40323 | 1.00481 | 1.00481 |  |  |  |
| Oct. | 3 | 2004 | 189.40645 | 1.00483 | 1.00483 |  |  |  |
| Oct. | 4 | 2004 | 189.40968 | 1.00484 | 1.00484 |  |  |  |
| Oct. | 5 | 2004 | 189.41290 | 1.00486 | 1.00486 |  |  |  |
| Oct. | 6 | 2004 | 189.41613 | 1.00488 | 1.00488 |  |  |  |
| Oct. | 7 | 2004 | 189.41935 | 1.00489 | 1.00489 |  |  |  |
| Oct. | 8 | 2004 | 189.42258 | 1.00491 | 1.00491 |  |  |  |
| Oct. | 9 | 2004 | 189.42581 | 1.00493 | 1.00493 |  |  |  |
| Oct. | 10 | 2004 | 189.42903 | 1.00495 | 1.00495 |  |  |  |
| Oct. | 11 | 2004 | 189.43226 | 1.00496 | 1.00496 |  |  |  |
| Oct. | 12 | 2004 | 189.43548 | 1.00498 | 1.00498 |  |  |  |
| Oct. | 13 | 2004 | 189.43871 | 1.00500 | 1.00500 |  |  |  |
| Oct. | 14 | 2004 | 189.44194 | 1.00501 | 1.00501 |  |  |  |
| Oct. | 15 | 2004 | 189.44516 | 1.00503 | 1.00503 |  |  |  |
| Oct. | 16 | 2004 | 189.44839 | 1.00505 | 1.00505 |  |  |  |
| Oct. | 17 | 2004 | 189.45161 | 1.00507 | 1.00507 |  |  |  |
| Oct. | 18 | 2004 | 189.45484 | 1.00508 | 1.00508 |  |  |  |
| Oct. | 19 | 2004 | 189.45806 | 1.00510 | 1.00510 |  |  |  |
| Oct. | 20 | 2004 | 189.46129 | 1.00512 | 1.00512 |  |  |  |
| Oct. | 21 | 2004 | 189.46452 | 1.00513 | 1.00513 |  |  |  |
| Oct. | 22 | 2004 | 189.46774 | 1.00515 | 1.00515 |  |  |  |
| Oct. | 23 | 2004 | 189.47097 | 1.00517 | 1.00517 |  |  |  |
| Oct. | 24 | 2004 | 189.47419 | 1.00519 | 1.00519 |  |  |  |
| Oct. | 25 | 2004 | 189.47742 | 1.00520 | 1.00520 |  |  |  |
| Oct. | 26 | 2004 | 189.48065 | 1.00522 | 1.00522 |  |  |  |
| Oct. | 27 | 2004 | 189.48387 | 1.00524 | 1.00524 |  |  |  |
| Oct. | 28 | 2004 | 189.48710 | 1.00525 | 1.00525 |  |  |  |
| Oct. | 29 | 2004 | 189.49032 | 1.00527 | 1.00527 |  |  |  |
| Oct. | 30 | 2004 | 189.49355 | 1.00529 | 1.00529 |  |  |  |
| Oct. |  | 2004 | 189.49677 | 1.00531 | 1.00531 |  |  |  |
| CPI-U (NSA) for : |  |  | June 2004 | 189.7 | July 2004 | 189.4 | August 2004 | 189.5 |

