

# Index Ratio

August 2017

|      |                   |                          |                       |
|------|-------------------|--------------------------|-----------------------|
| CPI: | May 2017<br>130.5 | Jun 2017<br>130.4        | CPI base year<br>2002 |
|      | 4.25% 1 Dec. 2021 | Ref CPI <sub>Base:</sub> | 83.07713              |
|      | 4.25% 1 Dec. 2026 | Ref CPI <sub>Base:</sub> | 87.82571              |
|      | 4.00% 1 Dec. 2031 | Ref CPI <sub>Base:</sub> | 91.38249              |
|      | 3.00% 1 Dec. 2036 | Ref CPI <sub>Base:</sub> | 102.99160             |
|      | 2.00% 1 Dec. 2041 | Ref CPI <sub>Base:</sub> | 111.21849             |
|      | 1.50% 1 Dec. 2044 | Ref CPI <sub>Base:</sub> | 115.60000             |
|      | 1.25% 1 Dec. 2047 | Ref CPI <sub>Base:</sub> | 123.29032             |
|      | 0.50% 1 Dec. 2050 | Ref CPI <sub>Base:</sub> | 129.96667             |

| Date              | Ref CPI <sub>Date</sub> | Index Ratio <sub>Date</sub> |                       |                       |                       |                       |                       |                       |                       |
|-------------------|-------------------------|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                   |                         | Dec. 1, 2021<br>4.25%       | Dec. 1, 2026<br>4.25% | Dec. 1, 2031<br>4.00% | Dec. 1, 2036<br>3.00% | Dec. 1, 2041<br>2.00% | Dec. 1, 2044<br>1.50% | Dec. 1, 2047<br>1.25% | Dec. 1, 2050<br>0.50% |
| Aug. 01, 2017     | 130.50000               | 1.57083                     | 1.48590               | 1.42806               | 1.26709               | 1.17337               | 1.12889               | 1.05848               | 1.00410               |
| Aug. 02, 2017     | 130.49677               | 1.57079                     | 1.48586               | 1.42803               | 1.26706               | 1.17334               | 1.12886               | 1.05845               | 1.00408               |
| Aug. 03, 2017     | 130.49355               | 1.57075                     | 1.48582               | 1.42799               | 1.26703               | 1.17331               | 1.12884               | 1.05842               | 1.00405               |
| Aug. 04, 2017     | 130.49032               | 1.57071                     | 1.48579               | 1.42796               | 1.26700               | 1.17328               | 1.12881               | 1.05840               | 1.00403               |
| Aug. 05, 2017     | 130.48710               | 1.57067                     | 1.48575               | 1.42792               | 1.26697               | 1.17325               | 1.12878               | 1.05837               | 1.00400               |
| Aug. 06, 2017     | 130.48387               | 1.57064                     | 1.48571               | 1.42789               | 1.26694               | 1.17322               | 1.12875               | 1.05835               | 1.00398               |
| Aug. 07, 2017     | 130.48065               | 1.57060                     | 1.48568               | 1.42785               | 1.26691               | 1.17319               | 1.12873               | 1.05832               | 1.00395               |
| Aug. 08, 2017     | 130.47742               | 1.57056                     | 1.48564               | 1.42782               | 1.26687               | 1.17316               | 1.12870               | 1.05829               | 1.00393               |
| Aug. 09, 2017     | 130.47419               | 1.57052                     | 1.48560               | 1.42778               | 1.26684               | 1.17313               | 1.12867               | 1.05827               | 1.00391               |
| Aug. 10, 2017     | 130.47097               | 1.57048                     | 1.48557               | 1.42775               | 1.26681               | 1.17311               | 1.12864               | 1.05824               | 1.00388               |
| Aug. 11, 2017     | 130.46774               | 1.57044                     | 1.48553               | 1.42771               | 1.26678               | 1.17308               | 1.12861               | 1.05822               | 1.00386               |
| Aug. 12, 2017     | 130.46452               | 1.57040                     | 1.48549               | 1.42768               | 1.26675               | 1.17305               | 1.12859               | 1.05819               | 1.00383               |
| Aug. 13, 2017     | 130.46129               | 1.57036                     | 1.48546               | 1.42764               | 1.26672               | 1.17302               | 1.12856               | 1.05816               | 1.00381               |
| Aug. 14, 2017     | 130.45806               | 1.57032                     | 1.48542               | 1.42760               | 1.26669               | 1.17299               | 1.12853               | 1.05814               | 1.00378               |
| Aug. 15, 2017     | 130.45484               | 1.57029                     | 1.48538               | 1.42757               | 1.26666               | 1.17296               | 1.12850               | 1.05811               | 1.00376               |
| Aug. 16, 2017     | 130.45161               | 1.57025                     | 1.48535               | 1.42753               | 1.26662               | 1.17293               | 1.12847               | 1.05808               | 1.00373               |
| Aug. 17, 2017     | 130.44839               | 1.57021                     | 1.48531               | 1.42750               | 1.26659               | 1.17290               | 1.12845               | 1.05806               | 1.00371               |
| Aug. 18, 2017     | 130.44516               | 1.57017                     | 1.48527               | 1.42746               | 1.26656               | 1.17287               | 1.12842               | 1.05803               | 1.00368               |
| Aug. 19, 2017     | 130.44194               | 1.57013                     | 1.48524               | 1.42743               | 1.26653               | 1.17284               | 1.12839               | 1.05801               | 1.00366               |
| Aug. 20, 2017     | 130.43871               | 1.57009                     | 1.48520               | 1.42739               | 1.26650               | 1.17281               | 1.12836               | 1.05798               | 1.00363               |
| Aug. 21, 2017     | 130.43548               | 1.57005                     | 1.48516               | 1.42736               | 1.26647               | 1.17279               | 1.12833               | 1.05795               | 1.00361               |
| Aug. 22, 2017     | 130.43226               | 1.57001                     | 1.48513               | 1.42732               | 1.26644               | 1.17276               | 1.12831               | 1.05793               | 1.00358               |
| Aug. 23, 2017     | 130.42903               | 1.56998                     | 1.48509               | 1.42729               | 1.26640               | 1.17273               | 1.12828               | 1.05790               | 1.00356               |
| Aug. 24, 2017     | 130.42581               | 1.56994                     | 1.48505               | 1.42725               | 1.26637               | 1.17270               | 1.12825               | 1.05788               | 1.00353               |
| Aug. 25, 2017     | 130.42258               | 1.56990                     | 1.48502               | 1.42722               | 1.26634               | 1.17267               | 1.12822               | 1.05785               | 1.00351               |
| Aug. 26, 2017     | 130.41935               | 1.56986                     | 1.48498               | 1.42718               | 1.26631               | 1.17264               | 1.12820               | 1.05782               | 1.00348               |
| Aug. 27, 2017     | 130.41613               | 1.56982                     | 1.48494               | 1.42715               | 1.26628               | 1.17261               | 1.12817               | 1.05780               | 1.00346               |
| Aug. 28, 2017     | 130.41290               | 1.56978                     | 1.48491               | 1.42711               | 1.26625               | 1.17258               | 1.12814               | 1.05777               | 1.00343               |
| Aug. 29, 2017     | 130.40968               | 1.56974                     | 1.48487               | 1.42708               | 1.26622               | 1.17255               | 1.12811               | 1.05774               | 1.00341               |
| Aug. 30, 2017     | 130.40645               | 1.56970                     | 1.48483               | 1.42704               | 1.26619               | 1.17252               | 1.12808               | 1.05772               | 1.00338               |
| Aug. 31, 2017     | 130.40323               | 1.56966                     | 1.48480               | 1.42700               | 1.26615               | 1.17250               | 1.12806               | 1.05769               | 1.00336               |
| September 1, 2017 | 130.40000               | 1.56963                     | 1.48476               | 1.42697               | 1.26612               | 1.17247               | 1.12803               | 1.05767               | 1.00333               |