**APPENDIX 1:**  **RESEARCH DATA**

|  |  |  |  |
| --- | --- | --- | --- |
| YEAR | SPI | CPI | NCR |
| 1996 | 5,955.14 | 0.7 | 54 |
| 1997 | 7,638.59 | 1.8 | 52 |
| 1998 | 5,961.87 | 1.9 | 81 |
| 1999 | 5,264.19 | 1.6 | 98 |
| 2000 | 6,701.17 | 1.2 | 90 |
| 2001 | 10,185.08 | 1.0 | 90 |
| 2002 | 11,631.87 | 1.6 | 101 |
| 2003 | 15,559.89 | 1.4 | 132 |
| 2004 | 24,738.65 | 1.6 | 144 |
| 2005 | 22,876.72 | 1.9 | 152 |
| 2006 | 25,343.55 | 2.2 | 142 |
| 2007 | 48,773.31 | 2.2 | 147 |
| 2008 | 50,424.71 | 2.7 | 121 |
| 2009 | 23,091.55 | 2.5 | 130 |
| 2010 | 24,775.52 | 2.4 | 134 |
| 2011 | 23,393.65 | 2.4 | 143 |
| 2012 | 23,432.62 | 2.7 | 139 |
| 2013 | 36,207.08 | 2.5 | 144 |
| 2014 | 39,409.83 | 2.7 | 136 |
| 2015 | 30,867.20 | 2.6 | 136 |
| 2016 | 26,624.08 | 2.8 | 136 |

Source: CBN Statistical Bulletin and Transparency International.

 **APPENDIX 11: LOG OF RESEARCH DATA**

|  |  |  |  |
| --- | --- | --- | --- |
|  YEAR |  SPI |  CPI |  NCR |
|  |  LOG |  LOG |  LOG |
|  1996 | 3.774892 | 1.845098 | 1.732394 |
|  1997 | 3.883013 | 2.255272 | 1.716003 |
| 1998 | 3.775383 | 2.278754 | 1.908485 |
| 1999 | 3.721332 | 2.204120 | 1.991226 |
| 2000 | 3.826151 | 2.079181 | 1.954243 |
| 2001 | 4.007964 | 2.000000 | 1.954243 |
| 2002 | 4.065650 | 2.204120 | 2.004321 |
| 2003 | 4.192007 | 2.146128 | 2.120574 |
| 2004 | 4.393376 | 2.204120 | 2.158362 |
| 2005 | 4.359394 | 2.278754 | 2.181844 |
| 2006 | 4.403867 | 2.342423 | 2.152288 |
| 2007 | 4.688182 | 2.342423 | 2.167317 |
| 2008 | 4.702643 | 2.431364 | 2.082785 |
| 2009 | 4.363453 | 2.397940 | 2.113943 |
| 2010 | 4.394023 | 2.380211 | 2.127105 |
| 2011 | 4.369098 | 2.380211 | 2.155336 |
| 2012 | 4.369821 | 2.431364 | 2.143015 |
| 2013 | 4.558794 | 2.397940 | 2.158362 |
| 2014 | 4.595605 | 2.431364 | 2.133539 |
| 2015 | 4.489497 | 2.414973 | 2.133539 |
| 2016 | 4.425275 | 2.447158 | 2.133539 |

 Source: CBN Statistical Bulletin and Transparency International.