Government of India
Ministry of Commerce & Industry
Office of the Economic Adviser

Index of Eight Core Industries (Base: 2004-05=100)

July, 2013

1. The summary of the Index of Eight Core Industries (base: 2004-05) is given at the Annexure.

2. The Eight Core Industries have a combined weight of 37.90% in the Index of Industrial Production (IIP). The combined Index of Eight Core Industries stands at 156.4 in July, 2013, which was 3.1% higher compared to the index of July, 2012.

Coal

3. Coal production (weight: 4.38%) increased by 1.2% in July, 2013 over July, 2012. However, cumulative index for coal during April to July, 2013-14 is moderated by 0.5% over corresponding period of previous year.

Crude Oil

4. Crude Oil production (weight: 5.22%) moderated by 2.3% in July, 2013 over July, 2012. Its cumulative index during April to July, 2013-14 moderated by 1.6% over the corresponding period of previous year.

Natural Gas

5. The Natural Gas production (weight: 1.71%) declined by 16.1% in July, 2013 over July, 2012. Its cumulative index during April to July, 2013-14 declined by 17.2% over the corresponding period of previous year.
Petroleum Refinery Products (0.93% of Crude Throughput)\textsuperscript{1}

6. Petroleum refinery production (weight: 5.94%) registered a growth of 5.1% in July, 2013 over July, 2012. While, its cumulative growth during April to July, 2013-14 was 4.7% over the corresponding period of previous year.

Fertilizers

7. Fertilizer production (weight: 1.25%) registered a growth of 0.4% in July, 2013 over July, 2012 and it registered a cumulative growth of 1.9% during April to July, 2013-14 over the corresponding period of previous year.

Steel (Alloy + Non-Alloy)

8. Steel production (weight: 6.68%) recorded a growth rate of 7.0% in July, 2013 over July, 2012. The cumulative growth during April to July, 2013-14 was 4.1% over the corresponding period of previous year.

Cement

9. Cement production (weight: 2.41%) increased by 0.8% in July, 2013 over July, 2012 and its cumulative growth during April to July, 2013-14 was 2.7% over the corresponding period of previous year.

Electricity

10. Electricity generation (weight: 10.32%) increased by 5.2% growth in July, 2013 over the period of July, 2012 and it registered a cumulative growth of 3.4% during April to July, 2013-14 over the corresponding period of previous year.

\textit{Note: Data are provisional. Revision has been made based on revised data obtained for corresponding month of previous year.}

\textsuperscript{1}\textit{Note: RIL (SEZ) production figures for July, 2013 are on prorated basis.}
Performance of Eight Core Industries

Yearly Index & Growth Rate

Base Year: 2004-05=100
(Weight in IIP: 37.90 %)

### Index

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>4.379</td>
<td>119.9</td>
<td>129.5</td>
<td>140.0</td>
<td>139.7</td>
<td>141.5</td>
<td>146.6</td>
<td>133.9</td>
<td>133.1</td>
</tr>
<tr>
<td>Crude Oil</td>
<td>5.216</td>
<td>100.4</td>
<td>98.6</td>
<td>99.1</td>
<td>111.0</td>
<td>112.1</td>
<td>111.4</td>
<td>112.9</td>
<td>111.0</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>1.708</td>
<td>102.1</td>
<td>103.4</td>
<td>149.5</td>
<td>164.4</td>
<td>149.7</td>
<td>128.1</td>
<td>136.5</td>
<td>113.0</td>
</tr>
<tr>
<td>Refinery Products</td>
<td>5.939</td>
<td>122.8</td>
<td>126.5</td>
<td>125.9</td>
<td>129.7</td>
<td>133.7</td>
<td>152.3</td>
<td>166.8</td>
<td>174.7</td>
</tr>
<tr>
<td>Fertilizers</td>
<td>1.254</td>
<td>95.5</td>
<td>91.8</td>
<td>103.4</td>
<td>103.4</td>
<td>103.8</td>
<td>100.2</td>
<td>91.2</td>
<td>92.9</td>
</tr>
<tr>
<td>Steel</td>
<td>6.684</td>
<td>128.9</td>
<td>131.4</td>
<td>139.3</td>
<td>157.7</td>
<td>174.0</td>
<td>178.4</td>
<td>174.7</td>
<td>181.9</td>
</tr>
<tr>
<td>Cement</td>
<td>2.406</td>
<td>132.5</td>
<td>142.1</td>
<td>157.1</td>
<td>164.2</td>
<td>175.2</td>
<td>190.4</td>
<td>186.3</td>
<td>191.4</td>
</tr>
<tr>
<td>Electricity</td>
<td>10.316</td>
<td>119.9</td>
<td>123.2</td>
<td>130.8</td>
<td>138.1</td>
<td>149.3</td>
<td>155.3</td>
<td>157.3</td>
<td>162.7</td>
</tr>
<tr>
<td><strong>Overall Index</strong></td>
<td><strong>37.903</strong></td>
<td><strong>118.5</strong></td>
<td><strong>121.8</strong></td>
<td><strong>129.9</strong></td>
<td><strong>138.4</strong></td>
<td><strong>145.3</strong></td>
<td><strong>151.0</strong></td>
<td><strong>151.8</strong></td>
<td><strong>154.7</strong></td>
</tr>
</tbody>
</table>

### Growth rate (in %)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal</td>
<td>4.379</td>
<td>6.3</td>
<td>8.0</td>
<td>8.1</td>
<td>-0.2</td>
<td>1.3</td>
<td>3.6</td>
<td>6.5</td>
<td>-0.5</td>
</tr>
<tr>
<td>Crude Oil</td>
<td>5.216</td>
<td>0.4</td>
<td>-1.8</td>
<td>0.5</td>
<td>11.9</td>
<td>1.0</td>
<td>-0.6</td>
<td>-0.6</td>
<td>-1.6</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>1.708</td>
<td>2.1</td>
<td>1.3</td>
<td>44.6</td>
<td>10.0</td>
<td>-8.9</td>
<td>-14.5</td>
<td>-11.7</td>
<td>-17.2</td>
</tr>
<tr>
<td>Refinery Products</td>
<td>5.939</td>
<td>6.5</td>
<td>3.0</td>
<td>-0.4</td>
<td>3.0</td>
<td>3.1</td>
<td>13.9</td>
<td>24.1</td>
<td>4.7</td>
</tr>
<tr>
<td>Fertilizers</td>
<td>1.254</td>
<td>-7.9</td>
<td>-3.9</td>
<td>12.7</td>
<td>0.0</td>
<td>0.4</td>
<td>-3.4</td>
<td>-9.5</td>
<td>1.9</td>
</tr>
<tr>
<td>Steel</td>
<td>6.684</td>
<td>6.8</td>
<td>1.9</td>
<td>6.0</td>
<td>13.2</td>
<td>10.3</td>
<td>2.5</td>
<td>2.8</td>
<td>4.1</td>
</tr>
<tr>
<td>Cement</td>
<td>2.406</td>
<td>8.1</td>
<td>7.2</td>
<td>10.5</td>
<td>4.5</td>
<td>6.7</td>
<td>8.7</td>
<td>10.1</td>
<td>2.7</td>
</tr>
<tr>
<td>Electricity</td>
<td>10.316</td>
<td>6.3</td>
<td>2.7</td>
<td>6.2</td>
<td>5.6</td>
<td>8.1</td>
<td>4.0</td>
<td>5.7</td>
<td>3.4</td>
</tr>
<tr>
<td><strong>Overall Index</strong></td>
<td><strong>37.903</strong></td>
<td><strong>5.2</strong></td>
<td><strong>2.8</strong></td>
<td><strong>6.6</strong></td>
<td><strong>6.6</strong></td>
<td><strong>5.0</strong></td>
<td><strong>3.9</strong></td>
<td><strong>6.3</strong></td>
<td><strong>1.9</strong></td>
</tr>
</tbody>
</table>

*Note: RIL (SEZ) production figures for July, 2013 are on prorated basis.*
Performance of Eight Core Industries

**Monthly Index & Growth Rate**

Base Year: 2004-05=100
(Weight in IIP: 37.90 %)

### Index

<table>
<thead>
<tr>
<th>Sector</th>
<th>Coal</th>
<th>Crude Oil</th>
<th>Natural Gas</th>
<th>Refinery Products</th>
<th>Fertilizers</th>
<th>Steel</th>
<th>Cement</th>
<th>Electricity</th>
<th>Overall Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>4.38</td>
<td>5.22</td>
<td>1.71</td>
<td>5.94</td>
<td>1.25</td>
<td>6.68</td>
<td>2.41</td>
<td>10.32</td>
<td>37.90</td>
</tr>
<tr>
<td>Jul-12</td>
<td>125.8</td>
<td>115.0</td>
<td>135.3</td>
<td>172.0</td>
<td>106.6</td>
<td>175.5</td>
<td>177.2</td>
<td>156.2</td>
<td>151.6</td>
</tr>
<tr>
<td>Aug-12</td>
<td>114.4</td>
<td>114.0</td>
<td>134.0</td>
<td>143.5</td>
<td>108.6</td>
<td>177.5</td>
<td>168.7</td>
<td>152.2</td>
<td>144.5</td>
</tr>
<tr>
<td>Sep-12</td>
<td>114.2</td>
<td>108.2</td>
<td>127.0</td>
<td>132.1</td>
<td>108.7</td>
<td>171.5</td>
<td>177.9</td>
<td>149.7</td>
<td>140.4</td>
</tr>
<tr>
<td>Oct-12</td>
<td>140.2</td>
<td>113.1</td>
<td>129.5</td>
<td>149.7</td>
<td>108.6</td>
<td>175.4</td>
<td>193.7</td>
<td>160.4</td>
<td>151.5</td>
</tr>
<tr>
<td>Nov-12</td>
<td>144.8</td>
<td>109.7</td>
<td>123.3</td>
<td>145.2</td>
<td>106.9</td>
<td>175.6</td>
<td>164.5</td>
<td>149.1</td>
<td>145.7</td>
</tr>
<tr>
<td>Dec-12</td>
<td>167.7</td>
<td>113.2</td>
<td>125.9</td>
<td>146.7</td>
<td>105.8</td>
<td>184.6</td>
<td>201.0</td>
<td>157.5</td>
<td>155.3</td>
</tr>
<tr>
<td>Jan-13</td>
<td>177.0</td>
<td>111.8</td>
<td>122.5</td>
<td>151.5</td>
<td>102.9</td>
<td>186.4</td>
<td>212.0</td>
<td>160.6</td>
<td>158.5</td>
</tr>
<tr>
<td>Feb-13</td>
<td>161.7</td>
<td>101.6</td>
<td>109.0</td>
<td>139.4</td>
<td>98.6</td>
<td>176.3</td>
<td>195.7</td>
<td>140.5</td>
<td>144.4</td>
</tr>
<tr>
<td>Mar-13</td>
<td>204.1</td>
<td>113.9</td>
<td>119.9</td>
<td>152.0</td>
<td>98.0</td>
<td>194.3</td>
<td>226.1</td>
<td>164.1</td>
<td>165.0</td>
</tr>
<tr>
<td>Apr-13</td>
<td>138.7</td>
<td>109.7</td>
<td>113.4</td>
<td>169.2</td>
<td>78.7</td>
<td>173.1</td>
<td>203.9</td>
<td>159.1</td>
<td>152.1</td>
</tr>
<tr>
<td>May-13</td>
<td>137.7</td>
<td>112.0</td>
<td>113.7</td>
<td>176.6</td>
<td>85.5</td>
<td>185.7</td>
<td>198.9</td>
<td>172.3</td>
<td>159.2</td>
</tr>
<tr>
<td>Jun-13</td>
<td>128.9</td>
<td>110.3</td>
<td>111.2</td>
<td>172.2</td>
<td>100.6</td>
<td>180.9</td>
<td>184.2</td>
<td>154.9</td>
<td>151.2</td>
</tr>
<tr>
<td>Jul-13</td>
<td>127.2</td>
<td>112.3</td>
<td>113.6</td>
<td>180.7</td>
<td>107.1</td>
<td>187.9</td>
<td>178.7</td>
<td>164.4</td>
<td>156.4</td>
</tr>
</tbody>
</table>

### Growth rates

<table>
<thead>
<tr>
<th>Sector</th>
<th>Coal</th>
<th>Crude Oil</th>
<th>Natural Gas</th>
<th>Refinery Products</th>
<th>Fertilizers</th>
<th>Steel</th>
<th>Cement</th>
<th>Electricity</th>
<th>Overall Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>4.38</td>
<td>5.22</td>
<td>1.71</td>
<td>5.94</td>
<td>1.25</td>
<td>6.68</td>
<td>2.41</td>
<td>10.32</td>
<td>37.90</td>
</tr>
<tr>
<td>Jul-12</td>
<td>2.0</td>
<td>-0.7</td>
<td>-13.5</td>
<td>26.0</td>
<td>-2.2</td>
<td>1.1</td>
<td>3.2</td>
<td>2.7</td>
<td>4.5</td>
</tr>
<tr>
<td>Aug-12</td>
<td>11.0</td>
<td>-0.6</td>
<td>-13.5</td>
<td>8.4</td>
<td>-2.1</td>
<td>2.9</td>
<td>4.7</td>
<td>1.9</td>
<td>2.9</td>
</tr>
<tr>
<td>Sep-12</td>
<td>21.4</td>
<td>-1.7</td>
<td>-14.8</td>
<td>10.3</td>
<td>5.7</td>
<td>1.3</td>
<td>18.3</td>
<td>5.1</td>
<td>5.1</td>
</tr>
<tr>
<td>Oct-12</td>
<td>10.9</td>
<td>-0.4</td>
<td>-14.9</td>
<td>20.3</td>
<td>2.0</td>
<td>4.7</td>
<td>11.1</td>
<td>5.6</td>
<td>4.5</td>
</tr>
<tr>
<td>Nov-12</td>
<td>-4.4</td>
<td>0.8</td>
<td>-15.2</td>
<td>6.6</td>
<td>5.0</td>
<td>7.8</td>
<td>-0.4</td>
<td>2.4</td>
<td>2.2</td>
</tr>
<tr>
<td>Dec-12</td>
<td>-0.2</td>
<td>1.0</td>
<td>-14.9</td>
<td>5.0</td>
<td>-3.8</td>
<td>3.6</td>
<td>9.5</td>
<td>5.2</td>
<td>2.9</td>
</tr>
<tr>
<td>Jan-13</td>
<td>2.3</td>
<td>-0.2</td>
<td>-16.8</td>
<td>10.5</td>
<td>-9.1</td>
<td>1.9</td>
<td>10.2</td>
<td>6.3</td>
<td>3.7</td>
</tr>
<tr>
<td>Feb-13</td>
<td>-8.0</td>
<td>-4.0</td>
<td>-20.1</td>
<td>4.3</td>
<td>4.0</td>
<td>0.5</td>
<td>3.1</td>
<td>-3.7</td>
<td>-2.4</td>
</tr>
<tr>
<td>Mar-13</td>
<td>0.3</td>
<td>0.2</td>
<td>-17.7</td>
<td>5.6</td>
<td>3.6</td>
<td>6.6</td>
<td>8.3</td>
<td>3.5</td>
<td>3.2</td>
</tr>
<tr>
<td>Apr-13</td>
<td>3.1</td>
<td>-1.2</td>
<td>-17.4</td>
<td>6.1</td>
<td>-2.4</td>
<td>1.9</td>
<td>5.2</td>
<td>3.5</td>
<td>2.3</td>
</tr>
<tr>
<td>May-13</td>
<td>-3.3</td>
<td>-2.4</td>
<td>-18.7</td>
<td>5.5</td>
<td>-2.0</td>
<td>4.0</td>
<td>2.4</td>
<td>6.2</td>
<td>2.3</td>
</tr>
<tr>
<td>Jun-13</td>
<td>-3.0</td>
<td>-0.6</td>
<td>-16.7</td>
<td>2.3</td>
<td>11.3</td>
<td>3.4</td>
<td>2.3</td>
<td>-1.2</td>
<td>0.1</td>
</tr>
<tr>
<td>Jul-13</td>
<td>1.2</td>
<td>-2.3</td>
<td>-16.1</td>
<td>5.1</td>
<td>0.4</td>
<td>7.0</td>
<td>0.8</td>
<td>5.2</td>
<td>3.1</td>
</tr>
</tbody>
</table>

*Note: RIL (SEZ) production figures for July, 2013 are on prorated basis.

***