

**Government of India**  
**Ministry of Commerce & Industry**  
**Department of Industrial Policy & Promotion**  
**Office of the Economic Adviser**

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

**May, 2016**

1. The summary of the Index of Eight Core Industries (base: 2004-05) is given at the **Annexure**.
2. The Eight Core Industries comprise nearly 38 % of the weight of items included in the Index of Industrial Production (IIP). The combined Index of Eight Core Industries stands at 183.7 in May, 2016, which was 2.8 % **higher** compared to the index of May, 2015. Its cumulative growth during April to May, 2016-17 was 5.5 %.

**Coal**

3. Coal production (weight: 4.38 %) increased by 5.5 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 2.3 % over corresponding period of previous year.

**Crude Oil**

4. Crude Oil production (weight: 5.22 %) decreased by 3.3 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 decreased by 2.8 % over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 1.71 %) decreased by 6.9 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 declined by 6.9 % over the corresponding period of previous year.

### **Refinery Products (93% of Crude Throughput)**

6. Petroleum Refinery production (weight: 5.94%) increased by 1.2 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 9.0 % over the corresponding period of previous year.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) increased by 14.8 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 11.6 % over the corresponding period of previous year.

### **Steel (Alloy + Non-Alloy)**

8. Steel production (weight: 6.68%) increased by 3.2 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 4.6 % over the corresponding period of previous year.

### **Cement**

9. Cement production (weight: 2.41%) increased by 2.4 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 3.4 % over the corresponding period of previous year.

### **Electricity**

10. Electricity generation (weight: 10.32%) increased by 4.6 % in May, 2016 over May, 2015. Its cumulative index during April to May, 2016-17 increased by 9.4 % over the corresponding period of previous year.

*Note 1: Data are provisional. Revision has been made based on revised data received for corresponding month of previous year in respect of Coal, Crude Oil, Natural Gas, Refinery Product, Steel, Cement and Electricity. Accordingly, indices for the month May, 2015 have been revised.*

*Note 2: Release of the index for June, 2016 will be on Monday, 1<sup>st</sup> August, 2016.*

Annexure

Performance of Eight Core Industries  
**Yearly Index & Growth Rate**  
 Base Year: 2004-05=100

**INDEX**

| Sector                   | Weight        | 2011-12      | 2012-13      | 2013-14      | 2014-15      | 2015-16      | Apr-May<br>2015-16 | Apr-May<br>2016-17 |
|--------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------------|
| Coal                     | 4.379         | 141.5        | 148.1        | 150.0        | 162.2        | 169.7        | 156.2              | 159.8              |
| Crude Oil                | 5.216         | 112.1        | 111.4        | 111.2        | 110.2        | 108.7        | 109.6              | 106.6              |
| Natural Gas              | 1.708         | 149.7        | 128.1        | 111.5        | 106.0        | 101.5        | 104.3              | 97.2               |
| Refinery<br>Products     | 5.939         | 133.7        | 172.5        | 175.0        | 175.6        | 182.3        | 173.7              | 189.3              |
| Fertilizers              | 1.254         | 103.8        | 100.2        | 101.8        | 101.7        | 113.2        | 94.6               | 105.6              |
| Steel                    | 6.684         | 174.0        | 181.1        | 201.9        | 211.4        | 208.3        | 215.2              | 225.0              |
| Cement                   | 2.406         | 175.2        | 188.7        | 194.5        | 205.3        | 215.0        | 218.7              | 226.1              |
| Electricity              | 10.316        | 149.3        | 155.3        | 164.6        | 178.5        | 187.9        | 186.0              | 203.5              |
| <b>Overall<br/>Index</b> | <b>37.903</b> | <b>145.3</b> | <b>154.7</b> | <b>161.2</b> | <b>168.5</b> | <b>173.0</b> | <b>170.6</b>       | <b>180.1</b>       |

**GROWTH RATES (in %)**

| Sector                            | Weight        | 2011-12    | 2012-13    | 2013-14    | 2014-15    | 2015-16    | Apr-May<br>2015-16 | Apr-May<br>2016-17 |
|-----------------------------------|---------------|------------|------------|------------|------------|------------|--------------------|--------------------|
| Coal                              | 4.379         | 1.3        | 4.6        | 1.3        | 8.1        | 4.6        | 7.8                | 2.3                |
| Crude Oil                         | 5.216         | 1.0        | -0.6       | -0.2       | -0.9       | -1.4       | -0.9               | -2.8               |
| Natural Gas                       | 1.708         | -8.9       | -14.5      | -13.0      | -4.9       | -4.2       | -3.3               | -6.9               |
| Refinery<br>Products <sup>#</sup> | 5.939         | 3.1        | 29.0       | 1.5        | 0.3        | 3.8        | 2.6                | 9.0                |
| Fertilizers                       | 1.254         | 0.4        | -3.4       | 1.5        | -0.1       | 11.3       | 0.7                | 11.6               |
| Steel                             | 6.684         | 10.3       | 4.1        | 11.5       | 4.7        | -1.5       | 1.1                | 4.6                |
| Cement                            | 2.406         | 6.7        | 7.7        | 3.1        | 5.6        | 4.7        | 0.7                | 3.4                |
| Electricity                       | 10.316        | 8.1        | 4.0        | 6.0        | 8.4        | 5.3        | 2.8                | 9.4                |
| <b>Overall<br/>Index</b>          | <b>37.903</b> | <b>5.0</b> | <b>6.5</b> | <b>4.2</b> | <b>4.5</b> | <b>2.7</b> | <b>2.1</b>         | <b>5.5</b>         |

<sup>#</sup>Refinery Products' yearly growth rate of 2012-13 is not comparable with other years on account of inclusion of RIL (SEZ) production data since April, 2012.

Performance of Eight Core Industries  
**Monthly Index & Growth Rate**  
 Base Year: 2004-05=100

**INDEX**

| Sector        | Coal         | Crude Oil    | Natural Gas  | Refinery Products | Fertilizers  | Steel        | Cement       | Electricity   | Overall Index |
|---------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|---------------|---------------|
| <b>Weight</b> | <b>4.379</b> | <b>5.216</b> | <b>1.708</b> | <b>5.939</b>      | <b>1.254</b> | <b>6.684</b> | <b>2.406</b> | <b>10.316</b> | <b>37.903</b> |
| May-15        | 156.2        | 112.5        | 107.8        | 186.0             | 101.8        | 230.3        | 221.6        | 194.9         | 178.6         |
| Jun-15        | 148.1        | 109.5        | 102.9        | 183.9             | 105.3        | 221.1        | 215.0        | 181.8         | 171.2         |
| Jul-15        | 134.7        | 110.7        | 99.0         | 176.2             | 111.3        | 206.3        | 209.7        | 190.3         | 168.0         |
| Aug-15        | 139.0        | 112.8        | 107.2        | 185.1             | 119.0        | 197.5        | 197.2        | 194.3         | 169.6         |
| Sep-15        | 143.2        | 107.4        | 103.9        | 170.3             | 119.4        | 197.5        | 195.8        | 194.4         | 166.8         |
| Oct-15        | 168.4        | 111.3        | 105.6        | 172.5             | 122.1        | 209.4        | 207.4        | 201.1         | 175.4         |
| Nov-15        | 180.3        | 107.3        | 102.6        | 185.9             | 118.4        | 194.6        | 185.9        | 174.2         | 166.8         |
| Dec-15        | 197.4        | 108.7        | 103.4        | 190.2             | 122.6        | 203.6        | 217.9        | 182.4         | 175.7         |
| Jan-16        | 200.4        | 107.3        | 92.5         | 194.7             | 118.5        | 216.7        | 236.1        | 187.3         | 180.7         |
| Feb-16        | 191.5        | 102.3        | 96.9         | 179.4             | 113.4        | 202.6        | 232.5        | 181.2         | 172.2         |
| Mar-16        | 221.1        | 108.1        | 96.0         | 201.9             | 119.1        | 219.7        | 244.6        | 196.3         | 188.0         |
| Apr-16        | 154.9        | 104.4        | 94.0         | 190.3             | 94.2         | 212.3        | 225.2        | 203.1         | 176.4         |
| May-16        | 164.8        | 108.7        | 100.3        | 188.3             | 116.9        | 237.6        | 227.0        | 203.9         | 183.7         |

**GROWTH RATES (in %)**

| Sector        | Coal         | Crude Oil    | Natural Gas  | Refinery Products | Fertilizers  | Steel        | Cement       | Electricity   | Overall Index |
|---------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|---------------|---------------|
| <b>Weight</b> | <b>4.379</b> | <b>5.216</b> | <b>1.708</b> | <b>5.939</b>      | <b>1.254</b> | <b>6.684</b> | <b>2.406</b> | <b>10.316</b> | <b>37.903</b> |
| May-15        | 7.6          | 0.8          | -3.0         | 7.8               | 1.3          | 2.0          | 2.7          | 6.0           | 4.4           |
| Jun-15        | 6.3          | -0.7         | -5.9         | 7.5               | 5.8          | 4.9          | 2.6          | 0.2           | 3.0           |
| Jul-15        | 0.3          | -0.4         | -4.4         | 2.9               | 8.6          | -2.6         | 1.3          | 3.5           | 1.1           |
| Aug-15        | 0.4          | 5.6          | 3.7          | 5.8               | 12.6         | -5.9         | 5.4          | 5.6           | 2.6           |
| Sep-15        | 1.9          | -0.1         | 0.9          | 0.5               | 18.1         | -2.5         | -1.5         | 10.8          | 3.2           |
| Oct-15        | 6.3          | -2.1         | -1.8         | -4.4              | 16.2         | -1.2         | 11.7         | 8.8           | 3.2           |
| Nov-15        | 3.5          | -3.3         | -3.9         | 2.5               | 13.5         | -8.4         | -1.8         | 0.0           | -1.3          |
| Dec-15        | 6.1          | -4.1         | -6.1         | 2.1               | 13.1         | -4.4         | 3.2          | 2.7           | 0.9           |
| Jan-16        | 9.1          | -4.6         | -15.3        | 4.8               | 6.2          | -2.8         | 9.0          | 6.0           | 2.9           |
| Feb-16        | 3.9          | 0.8          | 1.2          | 8.1               | 16.3         | -0.5         | 13.5         | 9.2           | 5.7           |
| Mar-16        | 1.7          | -5.1         | -10.5        | 10.8              | 22.9         | 3.4          | 11.9         | 11.3          | 6.4           |
| Apr-16        | -0.9         | -2.3         | -6.8         | 17.9              | 7.8          | 6.1          | 4.4          | 14.7          | 8.5           |
| May-16        | 5.5          | -3.3         | -6.9         | 1.2               | 14.8         | 3.2          | 2.4          | 4.6           | 2.8           |

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