

GOVERNMENT OF INDIA  
MINISTRY OF COMMERCE INDUSTRY  
OFFICE OF THE ECONOMIC ADVISER

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

November 2011

1. The summarized Index of Eight Core Industries with 2004-05 base is given at the **Annexure**.

2. The Index of Eight core industries having a combined weight of 37.90 per cent in the Index of Industrial Production (IIP) stood at 141.1 in November 2011 with a growth rate of 6.8% compared to its growth at 3.7% in November 2010. During April-November 2011-12, the cumulative growth rate of the Core industries was 4.6% as against their growth at 5.6% during the corresponding period in 2010-11.

**Coal**

3. Coal production (weight: 4.38%) registered a growth of 4.9% in November 2011 compared to its growth at 0.7% in November 2010. Coal production grew by (-) 4.0% during April-November 2011-12 compared to its growth at 0.4% during the same period of 2010-11.

**Crude Oil**

4. Crude Oil production (weight: 5.22%) registered a growth of (-)5.6% in November 2011 compared to its growth at 17.0% in November 2010. Crude Oil production registered a growth of 2.9% during April-November 2011-12 compared to its growth at 11.5% during the same period of 2010-11.

**Natural Gas**

5. Natural Gas production (weight: 1.71%) registered a growth of (-) 10.1% in November 2011 compared to its growth at 5.5% in November 2010. Natural Gas production registered a growth of (-) 8.5% during April-November 2011-12 compared to its growth at 19.9% during the same period of 2010-11.

### **Petroleum Refinery Products (0.93% of Crude Throughput)\***

6. Petroleum refinery production (weight: 5.94%) had a growth of 11.2% in November 2011 compared to its growth at (-) 3.5% in November 2010. Petroleum refinery production registered a growth of 4.5% during April-November 2011-12 compared to its 0.8% growth during the same period of 2010-11.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of (-) 2.4% in November 2011 against its growth at 0.0% in November 2010. Fertilizer production grew by (-)0.1% during April-November 2011-12 compared to its growth at (-) 1.7% during the same period of 2010-11.

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

8. Steel production (weight: 6.68%) had a growth rate of 5.1% in November 2011 against its 7.6% growth in November 2010. Steel production grew at a same rate of 8.2% during April-November 2010-11 and 2011-12.

### **Cement**

9. Cement production (weight: 2.41%) registered a growth of 16.6% in November 2011 against its (-) 4.3% growth in November 2010. Cement Production grew by 4.3% during April-November 2011-12 compared to its growth at 5.3% during the same period of 2010-11.

### **Electricity**

10. Electricity generation (weight: 10.32%) had a 14.1% growth in November 2011 compared to its 3.5% growth in November 2010. Electricity generation grew by 9.3% during April-November 2011-12 as against its 4.6% growth during the same period of 2010-11.

*\* RPL (SEZ) with refining capacity 29MMT was commissioned on 25.12.2008 but crude throughput not reported by the refinery and not included in production for entire period.*

*N.B: Data are provisional. Revision has been made based on revised data obtained.*

## PERFORMANCE OF EIGHT CORE INDUSTRIES YEARLY INDEX & GROWTH RATE

BASE YEAR 2004-05=100

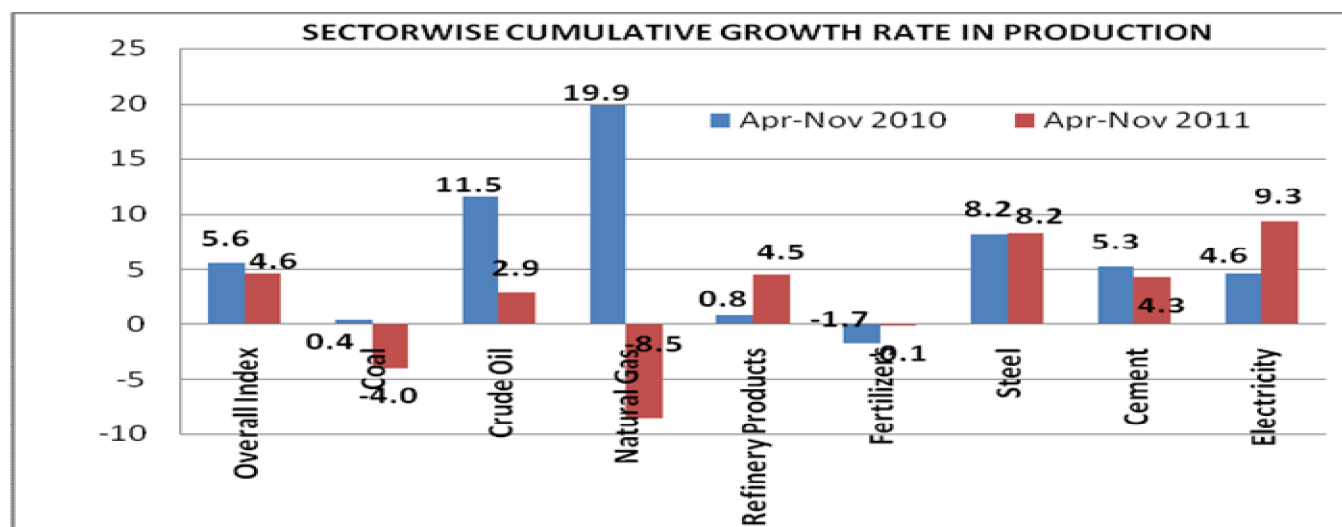
(Weight in IIP: 37.90 %)

### INDEX

| Sector            | Weight | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | Apr-Nov 2010 | Apr-Nov 2011 |
|-------------------|--------|---------|---------|---------|---------|---------|---------|--------------|--------------|
| Overall Index     | 37.903 | 103.9   | 112.6   | 118.5   | 121.8   | 129.9   | 137.3   | 133.4        | 139.5        |
| Coal              | 4.379  | 106.6   | 112.9   | 119.9   | 129.5   | 140.0   | 139.6   | 127.3        | 122.2        |
| Crude Oil         | 5.216  | 94.8    | 100.0   | 100.4   | 98.6    | 99.1    | 111.0   | 109.5        | 112.7        |
| Natural Gas       | 1.708  | 101.4   | 99.9    | 102.1   | 103.4   | 149.5   | 164.4   | 166.7        | 152.4        |
| Refinery Products | 5.939  | 102.1   | 115.3   | 122.8   | 126.5   | 125.9   | 129.7   | 125.7        | 131.4        |
| Fertilizers       | 1.254  | 100.6   | 103.8   | 95.5    | 91.8    | 103.4   | 103.4   | 103.9        | 103.7        |
| Steel             | 6.684  | 107.0   | 120.7   | 128.9   | 131.4   | 139.3   | 151.7   | 147.4        | 159.5        |
| Cement            | 2.406  | 112.4   | 122.6   | 132.5   | 142.1   | 157.1   | 164.2   | 158.4        | 165.3        |
| Electricity       | 10.316 | 105.1   | 112.8   | 119.9   | 123.2   | 130.8   | 138.1   | 135.6        | 148.2        |

### GROWTH RATE (in %)

| Sector            | Weight | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | Apr-Nov 2010 | Apr-Nov 2011 |
|-------------------|--------|---------|---------|---------|---------|---------|---------|--------------|--------------|
| Overall Index     | 37.903 | 3.9     | 8.4     | 5.2     | 2.8     | 6.6     | 5.7     | 5.6          | 4.6          |
| Coal              | 4.379  | 6.6     | 5.9     | 6.3     | 8.0     | 8.1     | -0.3    | 0.4          | -4.0         |
| Crude Oil         | 5.216  | -5.2    | 5.6     | 0.4     | -1.8    | 0.5     | 11.9    | 11.5         | 2.9          |
| Natural Gas       | 1.708  | 1.4     | -1.4    | 2.1     | 1.3     | 44.6    | 10.0    | 19.9         | -8.5         |
| Refinery Products | 5.939  | 2.1     | 12.9    | 6.5     | 3.0     | -0.4    | 3.0     | 0.8          | 4.5          |
| Fertilizers       | 1.254  | 0.6     | 3.1     | -7.9    | -3.9    | 12.7    | 0.0     | -1.7         | -0.1         |
| Steel             | 6.684  | 7.0     | 12.8    | 6.8     | 1.9     | 6.0     | 8.9     | 8.2          | 8.2          |
| Cement            | 2.406  | 12.4    | 9.1     | 8.1     | 7.2     | 10.5    | 4.5     | 5.3          | 4.3          |
| Electricity       | 10.316 | 5.1     | 7.3     | 6.3     | 2.7     | 6.2     | 5.5     | 4.6          | 9.3          |



**PERFORMANCE OF EIGHT CORE INDUSTRIES  
MONTHLY INDEX & GROWTH RATE  
BASE YEAR 2004-05=100**

(Weight in IIP: 37.90 %)

**Index**

| Sector        | Overall Index | Coal        | Crude Oil   | Natural Gas | Refinery Products | Fertilizers | Steel       | Cement      | Electricity  |
|---------------|---------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|--------------|
| <b>Weight</b> | <b>37.90</b>  | <b>4.38</b> | <b>5.22</b> | <b>1.71</b> | <b>5.94</b>       | <b>1.25</b> | <b>6.68</b> | <b>2.41</b> | <b>10.32</b> |
| Nov-10        | 132.2         | 144.5       | 115.4       | 161.8       | 122.5             | 109.2       | 147.1       | 141.3       | 127.2        |
| Dec-10        | 142.6         | 158.0       | 118.7       | 165.8       | 138.8             | 109.2       | 156.3       | 161.6       | 137.3        |
| Jan-11        | 148.3         | 160.7       | 114.3       | 164.4       | 143.7             | 108.8       | 168.1       | 173.5       | 146.4        |
| Feb-11        | 134.9         | 149.0       | 105.4       | 147.6       | 126.1             | 98.7        | 147.3       | 172.9       | 134.2        |
| Mar-11        | 154.9         | 189.7       | 117.1       | 161.8       | 141.6             | 93.2        | 169.9       | 194.9       | 154.3        |
| Apr-11        | 138.0         | 127.1       | 112.5       | 154.8       | 132.2             | 88.8        | 150.6       | 171.7       | 145.9        |
| May-11        | 142.9         | 129.5       | 114.0       | 156.6       | 135.7             | 102.7       | 160.0       | 167.7       | 153.2        |
| Jun-11        | 139.4         | 122.3       | 111.8       | 150.2       | 133.5             | 102.4       | 165.6       | 163.8       | 144.2        |
| Jul-11        | 143.3         | 123.2       | 115.7       | 156.5       | 136.7             | 109.1       | 164.1       | 170.0       | 152.0        |
| Aug-11        | 138.7         | 103.0       | 114.7       | 155.0       | 132.5             | 111.0       | 163.4       | 160.5       | 149.3        |
| Sep-11        | 131.5         | 94.5        | 110.1       | 149.1       | 119.9             | 102.8       | 158.0       | 149.8       | 144.0        |
| Oct-11        | 140.7         | 126.1       | 113.6       | 152.1       | 124.6             | 106.5       | 159.9       | 173.8       | 152.1        |
| Nov-11        | 141.1         | 151.5       | 108.9       | 145.4       | 136.2             | 106.5       | 154.6       | 164.7       | 145.1        |

**Growth rates**

| Sector        | Overall Index | Coal        | Crude Oil   | Natural Gas | Refinery Products | Fertilizers | Steel       | Cement      | Electricity  |
|---------------|---------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|--------------|
| <b>Weight</b> | <b>37.90</b>  | <b>4.38</b> | <b>5.22</b> | <b>1.71</b> | <b>5.94</b>       | <b>1.25</b> | <b>6.68</b> | <b>2.41</b> | <b>10.32</b> |
| Nov-10        | 3.7           | 0.7         | 17.0        | 5.5         | -3.5              | 0.0         | 7.6         | -4.3        | 3.5          |
| Dec-10        | 6.2           | 3.0         | 15.8        | -0.2        | 8.3               | 0.3         | 9.4         | -2.2        | 4.8          |
| Jan-11        | 6.4           | -1.2        | 10.8        | -6.3        | 8.7               | 5.9         | 8.7         | 1.8         | 9.7          |
| Feb-11        | 5.2           | -5.7        | 12.2        | -7.3        | 3.2               | 4.8         | 12.1        | 6.5         | 7.2          |
| Mar-11        | 6.3           | -1.2        | 12.1        | -10.6       | 8.5               | 3.9         | 10.9        | 6.5         | 7.6          |
| Apr-11        | 4.7           | 2.8         | 11.0        | -9.3        | 6.6               | -1.3        | 5.3         | -0.3        | 6.4          |
| May-11        | 5.7           | 1.1         | 9.7         | -9.6        | 4.5               | 7.3         | 7.7         | -1.6        | 10.3         |
| Jun-11        | 5.5           | -3.3        | 7.7         | -11.7       | 4.7               | -2.4        | 14.5        | 1.4         | 7.9          |
| Jul-11        | 7.8           | 2.4         | 1.4         | -8.2        | 3.9               | -1.6        | 15.5        | 11.8        | 13.0         |
| Aug-11        | 3.7           | -15.3       | 1.6         | -5.3        | 3.9               | 4.3         | 8.0         | 8.0         | 9.4          |
| Sep-11        | 2.3           | -17.8       | 0.1         | -6.4        | 4.4               | -2.1        | 6.6         | 1.8         | 8.8          |
| Oct-11        | 0.3           | -9.0        | -0.9        | -7.4        | -2.8              | -2.1        | 3.8         | 0.0         | 5.4          |
| Nov-11        | 6.8           | 4.9         | -5.6        | -10.1       | 11.2              | -2.4        | 5.1         | 16.6        | 14.1         |