

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

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

**September 2012**

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

2. The Eight core industries have a combined weight of 37.90 per cent in the Index of Industrial Production (IIP). The combined Index was 139.5 in September 2012 with a growth rate of 5.1% compared to their 2.5% growth in September 2011. The modest growth in September, 2012 was on account of double digit growth witnessed in the production of Coal, Petroleum Refinery Products and Cement.

During April-September 2012-13, the cumulative growth rate of the Core industries was 3.2 % as against their growth at 5.0% during the corresponding period in 2011-12.

**Coal**

3. Coal production (weight: 4.38%) registered a growth of 21.4% in September 2012 compared to its negative growth at (-) 18.2% in September 2011. In cumulative terms also Coal production recorded a growth of 8.3% during April-September 2012-13 compared to its negative growth at (-) 4.8% during the same period of 2011-12.

**Crude Oil**

4. Crude Oil production (weight: 5.22%) had a negative growth of (-) 1.7% in September 2012 compared to its 0.1% growth in September 2011. Cumulatively, Crude Oil production recorded a negative growth of (-) 0.8% during April-September 2012-13 compared to its growth at 5.1% during the same period of 2011-12.

**Natural Gas**

5. The growth rate of Natural Gas production (weight: 1.71%) was negative both in September, 2012 at (-) 14.8% and in September 2011 at (-) 6.4%. Cumulatively also, Natural Gas production registered a negative growth of (-) 12.5% during April-September 2012-13 and (-) 8.5% during the same period of 2011-12.

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

6. Petroleum refinery production (weight: 5.94%) had a growth of 11.4% in September 2012 compared to its growth at 4.3% in September 2011. In cumulative terms, Petroleum refinery production registered a growth of 5.4% during April-September 2012-13 compared to its 4.6% growth during the same period of 2011-12.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of 5.7% in September 2012 against its growth at (-) 2.1% in September 2011. Cumulatively, Fertilizer production registered a negative growth of (-) 5.6% during April-September 2012-13 compared to 0.6% growth during the same period of 2011-12.

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

8. Steel production (weight: 6.68%) had a growth rate of 2.0% in September 2012 against its 7.5% growth in September 2011. Cumulatively, Steel production registered 2.6% growth during April-September 2012-13 compared to its 9.5% growth during the same period of 2011-12.

### **Cement**

9. Cement production (weight: 2.41%) registered a growth of 13.4% in September 2012 against its 2.2% growth in September 2011. The cumulative growth of Cement Production was 7.4% during April-September 2012-13 compared to its 3.8% growth during the same period of 2011-12.

### **Electricity**

10. Electricity generation (weight: 10.32%) had a 3.7% growth in September 2012 compared to its 8.8% growth in September 2011. The cumulative growth of Electricity generation was 4.7% during April-September 2012-13 compared to its 9.3% growth during the same period of 2011-12.

*\* 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**

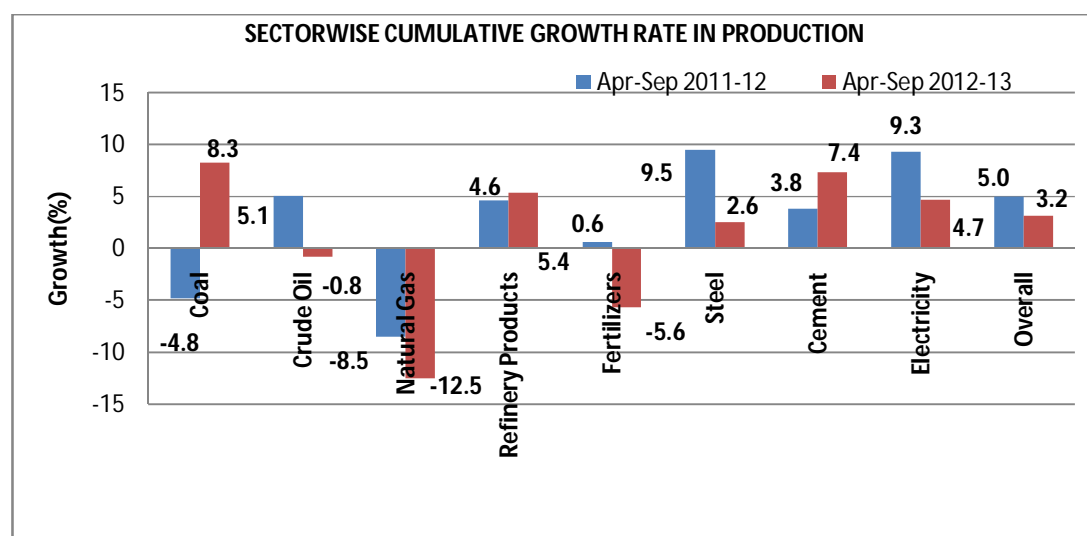
(Weight in IIP: 37.90 %)

**INDEX**

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Sep 2011-12	Apr-Sep 2012-13
Coal	4.379	119.9	129.5	140.0	139.7	141.4	116.7	126.3
Crude Oil	5.216	100.4	98.6	99.1	111.0	112.1	113.2	112.3
Natural Gas	1.708	102.1	103.4	149.5	164.4	149.7	153.7	134.5
Refinery Products	5.939	122.8	126.5	125.9	129.7	133.8	131.7	138.7
Fertilizers	1.254	95.5	91.8	103.4	103.4	103.8	102.8	97.0
Steel	6.684	128.9	131.4	139.3	157.7	168.7	167.4	171.7
Cement	2.406	132.5	142.1	157.1	164.2	175.2	164.7	176.9
Electricity	10.316	119.9	123.2	130.8	138.1	149.3	148.1	155.1
<b>Overall Index</b>	<b>37.903</b>	<b>118.5</b>	<b>121.8</b>	<b>129.9</b>	<b>138.4</b>	<b>144.4</b>	<b>140.3</b>	<b>144.8</b>

**GROWTH RATE (in %)**

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Sep 2011-12	Apr-Sep 2012-13
Coal	4.379	6.3	8.0	8.1	-0.2	1.2	-4.8	8.3
Crude Oil	5.216	0.4	-1.8	0.5	11.9	1.0	5.1	-0.8
Natural Gas	1.708	2.1	1.3	44.6	10.0	-8.9	-8.5	-12.5
Refinery Products	5.939	6.5	3.0	-0.4	3.0	3.2	4.6	5.4
Fertilizers	1.254	-7.9	-3.9	12.7	0.0	0.4	0.6	-5.6
Steel	6.684	6.8	1.9	6.0	13.2	7.0	9.5	2.6
Cement	2.406	8.1	7.2	10.5	4.5	6.7	3.8	7.4
Electricity	10.316	6.3	2.7	6.2	5.6	8.1	9.3	4.7
<b>Overall Index</b>	<b>37.903</b>	<b>5.2</b>	<b>2.8</b>	<b>6.6</b>	<b>6.6</b>	<b>4.4</b>	<b>5.0</b>	<b>3.2</b>



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

**(Weight in IIP: 37.90 %)  
INDEX**

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
<b>Weight</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>	<b>37.90</b>
Sep-11	94.1	110.1	149.2	119.8	102.8	165.0	150.3	144.0	132.8
Oct-11	126.1	113.6	152.1	124.6	106.5	167.1	174.3	152.1	142.0
Nov-11	151.5	108.9	145.4	136.2	101.8	161.8	165.3	145.5	142.4
Dec-11	168.1	112.1	147.9	139.9	110.1	176.7	183.6	149.7	150.7
Jan-12	172.7	112.0	147.2	137.2	113.2	170.3	192.4	151.0	150.6
Feb-12	175.5	105.8	136.4	133.9	102.7	169.2	189.8	145.8	146.9
Mar-12	202.7	113.6	145.4	143.8	94.7	175.6	208.8	158.6	158.7
Apr-12	131.7	111.0	137.2	132.9	80.6	167.9	186.3	153.7	143.5
May-12	140.3	114.7	139.7	139.7	87.2	175.3	186.7	162.3	150.0
Jun-12	131.5	110.9	133.5	141.4	90.4	171.4	180.1	156.9	146.0
Jul-12	125.9	115.0	135.3	141.4	106.6	172.6	176.5	156.2	146.3
Aug-12	114.4	114.0	134.0	143.5	108.6	174.4	161.1	152.2	143.4
Sep-12	114.2	108.3	127.0	133.4	108.7	168.4	170.5	149.3	139.5

**Growth rates (in %)**

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
<b>Weight</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>	<b>37.90</b>
Sep-11	-18.2	0.1	-6.4	4.3	-2.1	7.5	2.2	8.8	2.5
Oct-11	-9.0	-0.9	-7.4	-2.8	-2.1	4.2	0.3	5.4	0.4
Nov-11	4.9	-5.6	-10.1	11.2	-6.7	10.5	17.0	14.4	7.8
Dec-11	5.6	-5.6	-10.8	0.8	0.8	10.2	13.6	8.9	4.9
Jan-12	7.5	-2.0	-10.4	-4.6	4.0	-2.8	10.9	3.2	0.7
Feb-12	17.8	0.3	-7.6	6.2	4.1	4.7	9.8	8.6	6.9
Mar-12	6.8	-2.9	-10.1	1.6	1.5	2.3	7.1	2.8	2.2
Apr-12	3.8	-1.4	-11.3	0.5	-9.3	6.8	8.2	5.4	3.1
May-12	8.0	0.5	-10.8	2.9	-15.1	4.9	10.9	5.9	3.9
Jun-12	7.2	-0.8	-11.1	6.0	-11.7	-0.5	9.5	8.8	3.8
Jul-12	2.1	-0.7	-13.5	3.5	-2.2	0.8	2.8	2.7	1.1
Aug-12	11.0	-0.6	-13.5	8.4	-2.1	1.8	-0.1	1.9	2.3
Sep-12	21.4	-1.7	-14.8	11.4	5.7	2.0	13.4	3.7	5.1