

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

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

September 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 131.50 in September 2011 with a growth rate of 2.3% compared to its growth at 3.3% in September 2010. During April-September 2011-12, the cumulative growth rate of the Core industries was 4.9% 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 (-) 17.8% in September 2011 compared to its growth at (-) 1.8% in September 2010. Coal production grew by (-) 4.8% during April-September 2011-12 compared to its growth at 0.2% during the same period of 2010-11.

**Crude Oil**

4. Crude Oil production (weight: 5.22%) registered a growth of 0.1 % in September 2011 compared to its growth at 12.5% in September 2010. Crude Oil production registered a growth of 5.1% during April-September 2011-12 compared to its growth at 10.2% during the same period of 2010-11.

**Natural Gas**

5. Natural Gas production (weight: 1.71%) registered a growth of (-) 6.4% in September 2011 compared to its growth at 12.6% in September 2010. Natural Gas production registered a growth of (-) 8.5% during April-September 2011-12 compared to its growth at 25.2% during the same period of 2010-11.

## **Petroleum Refinery Products**

6. Petroleum refinery production (weight: 5.94%) had a growth of 4.4% in September 2011 compared to its growth at (-) 10.2% in September 2010. Petroleum refinery production registered a growth of 4.7% during April-September 2011-12 compared to its 2.6% growth during the same period of 2010-11.

## **Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of (-) 2.1% in September 2011 against its growth at 0.3% in September 2010. Fertilizer production grew by 0.6% during April-September 2011-12 compared to its growth at (-) 2.3% during the same period of 2010-11.

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

8. Steel production (weight: 6.68%) had a growth rate of 6.6% in September 2011 against its 11.7% growth in September 2010. Steel production grew by 9.5% during April-September 2011-12 compared to its growth at 7.4% during the same period of 2010-11.

## **Cement**

9. Cement production (weight: 2.41%) registered a growth of 0.9% in September 2011 against its 5.2% growth in September 2010. Cement Production grew by 2.5% during April-September 2011-12 compared to its growth at 4.7% during the same period of 2010-11.

## **Electricity**

10. Electricity generation (weight: 10.32%) had a 8.9% growth in September 2011 compared to its 2.1% growth in September 2010. Electricity generation grew by 9.3% during April-September 2011-12 as against its 4.1% growth during the same period of 2010-11.

*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**

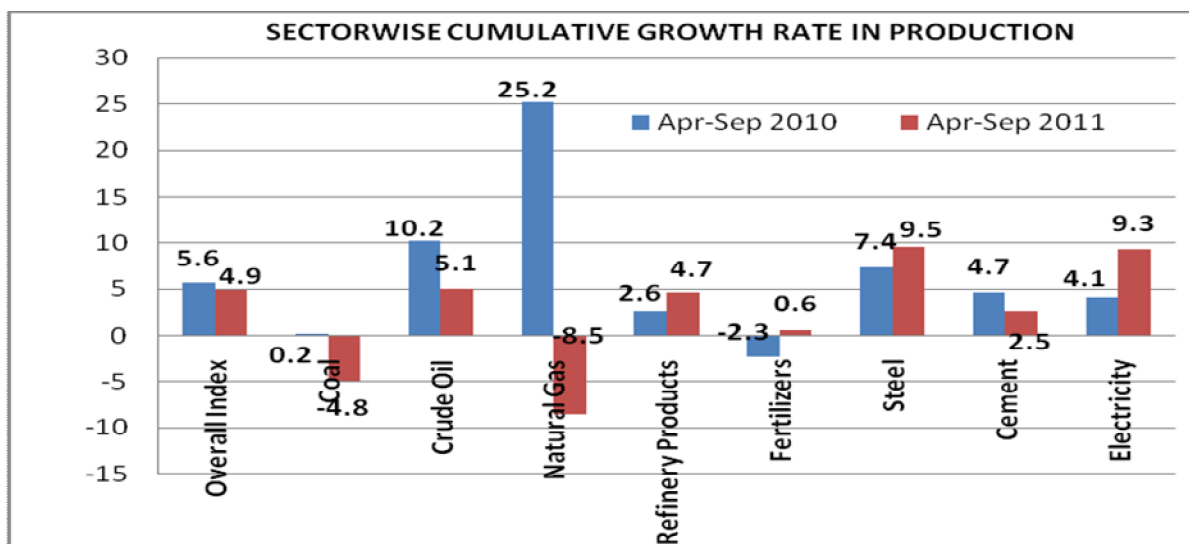
(Weight in IIP: 37.90 %)

**INDEX**

Sector	Weight	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	Apr-Sep 2010	Apr-Sep 2011
Overall Index	<b>37.903</b>	<b>103.9</b>	<b>112.6</b>	<b>118.5</b>	<b>121.8</b>	<b>129.9</b>	<b>137.3</b>	<b>132.4</b>	<b>138.9</b>
Coal	<b>4.379</b>	106.6	112.9	119.9	129.5	140.0	139.6	122.5	116.6
Crude Oil	<b>5.216</b>	94.8	100.0	100.4	98.6	99.1	111.0	107.7	113.1
Natural Gas	<b>1.708</b>	101.4	99.9	102.1	103.4	149.5	164.4	167.9	153.7
Refinery Products	<b>5.939</b>	102.1	115.3	122.8	126.5	125.9	129.7	125.9	131.7
Fertilizers	<b>1.254</b>	100.6	103.8	95.5	91.8	103.4	103.4	102.2	102.8
Steel	<b>6.684</b>	107.0	120.7	128.9	131.4	139.3	151.7	146.3	160.3
Cement	<b>2.406</b>	112.4	122.6	132.5	142.1	157.1	164.2	158.7	162.7
Electricity	<b>10.316</b>	105.1	112.8	119.9	123.2	130.8	138.0	135.5	148.1

**GROWTH RATE (in %)**

Sector	Weight	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	Apr-Sep 2010	Apr-Sep 2011
Overall Index	<b>37.903</b>	3.9	8.4	5.2	2.8	6.6	5.7	5.6	4.9
Coal	<b>4.379</b>	6.6	5.9	6.3	8.0	8.1	-0.3	0.2	-4.8
Crude Oil	<b>5.216</b>	-5.2	5.6	0.4	-1.8	0.5	11.9	10.2	5.1
Natural Gas	<b>1.708</b>	1.4	-1.4	2.1	1.3	44.6	10.0	25.2	-8.5
Refinery Products	<b>5.939</b>	2.1	12.9	6.5	3.0	-0.4	3.0	2.6	4.7
Fertilizers	<b>1.254</b>	0.6	3.1	-7.9	-3.9	12.7	0.0	-2.3	0.6
Steel	<b>6.684</b>	7.0	12.8	6.8	1.9	6.0	8.9	7.4	9.5
Cement	<b>2.406</b>	12.4	9.1	8.1	7.2	10.5	4.5	4.7	2.5
Electricity	<b>10.316</b>	5.1	7.3	6.3	2.7	6.2	5.5	4.1	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>
Sep-10	128.56	114.95	110.01	159.40	114.82	105.01	148.15	147.13	132.36
Oct-10	140.29	138.69	114.64	164.27	128.19	108.80	154.11	173.76	144.00
Nov-10	132.10	144.46	115.42	161.80	122.25	109.15	147.07	141.29	126.97
Dec-10	142.62	158.04	118.74	165.78	138.83	109.21	156.28	161.63	137.28
Jan-11	148.33	160.74	114.29	164.38	143.74	108.78	168.14	173.49	146.38
Feb-11	134.89	149.04	105.45	147.63	126.09	98.67	147.27	172.85	134.24
Mar-11	154.92	189.70	117.05	161.76	141.61	93.23	169.91	194.92	154.30
Apr-11	137.88	127.11	112.50	154.76	132.22	88.78	150.58	170.39	145.91
May-11	142.88	129.53	114.04	156.55	135.74	102.73	159.95	166.74	153.23
Jun-11	139.37	122.28	111.79	150.18	133.45	102.40	165.55	162.91	144.22
Jul-11	143.24	123.23	115.73	156.46	136.65	109.09	164.06	168.47	152.04
Aug-11	138.67	102.96	114.68	154.95	132.53	111.01	163.37	159.35	149.33
Sep-11	131.50	94.48	110.12	149.14	119.91	102.77	157.99	148.40	144.16

**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>
Sep-10	3.3	-1.8	12.5	12.6	-10.2	0.3	11.7	5.2	2.1
Oct-10	7.2	0.8	13.7	6.5	-4.8	-0.2	13.4	18.5	8.3
Nov-10	3.6	0.7	17.0	5.5	-3.7	0.0	7.6	-4.3	3.3
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	4.6	2.8	11.0	-9.3	6.6	-1.3	5.3	-1.1	6.4
May-11	5.6	1.1	9.7	-9.6	4.5	7.3	7.7	-2.1	10.3
Jun-11	5.5	-3.3	7.7	-11.7	4.7	-2.4	14.5	0.8	7.9
Jul-11	7.8	2.4	1.4	-8.2	3.9	-1.6	15.5	10.8	13.0
Aug-11	3.7	-15.3	1.6	-5.3	3.9	4.3	8.0	7.2	9.4
Sep-11	2.3	-17.8	0.1	-6.4	4.4	-2.1	6.6	0.9	8.9