

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

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

**December 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 154.6 in December 2012 with a growth rate of 2.6% compared to their growth at 4.9% in December 2011. The decline in growth in December, 2012 was on account of negative growth witnessed in the production of Coal, Natural Gas and Fertilizers.

During April-December 2012-13, the cumulative growth rate of the Core industries was 3.3 % compared to their growth at 4.8% during the corresponding period in 2011-12.

**Coal**

3. Coal production (weight: 4.38%) registered a growth of (-) 0.2% in December 2012 compared to its growth at 5.5% in December 2011. In cumulative terms, Coal production recorded a growth of 5.7% during April-December 2012-13 compared to its growth at (-) 2.7% during the same period of 2011-12.

**Crude Oil**

4. Crude Oil production (weight: 5.22%) registered a growth of 1.0% in December 2012 compared to its (-) 5.6% growth in December 2011. Cumulatively, Crude Oil production recorded a growth of (-) 0.4% during April-December 2012-13 compared to its growth at 1.9% during the same period of 2011-12.

**Natural Gas**

5. The growth rate of Natural Gas production (weight: 1.71%) was negative both in December, 2012 at (-) 14.9% and in December 2011 at (-) 10.8%. Cumulatively also, Natural Gas production registered a negative growth of (-) 13.3% during April-December 2012-13 and (-) 8.8% 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 5.0% in December 2012 compared to its growth at 0.7% in December 2011. In cumulative terms, Petroleum refinery production registered a growth of 6.9% during April-December 2012-13 compared to its 4.0% growth during the same period of 2011-12.

**Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of (-) 3.8% in December 2012 against its growth at 0.8% in December 2011. Cumulatively, Fertilizer production registered a growth of (-) 3.4% during April-December 2012-13 compared to its (-) 0.5% growth during the same period of 2011-12.

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

8. Steel production (weight: 6.68%) had a growth rate of 5.2% in December 2012 against its 10.2% growth in December 2011. Cumulatively, Steel production registered 3.6% growth during April-December 2012-13 compared to its 9.1% growth during the same period of 2011-12.

**Cement**

9. Cement production (weight: 2.41%) registered a growth of 3.9% in December 2012 against its 13.6% growth in December 2011. The cumulative growth of Cement Production was 6.1% during April-December 2012-13 compared to its 5.8% growth during the same period of 2011-12.

**Electricity**

10. Electricity generation (weight: 10.32%) had a 4.4% growth in December 2012 compared to its 8.9% growth in December 2011. The cumulative growth of Electricity generation was 4.6% during April-December 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**

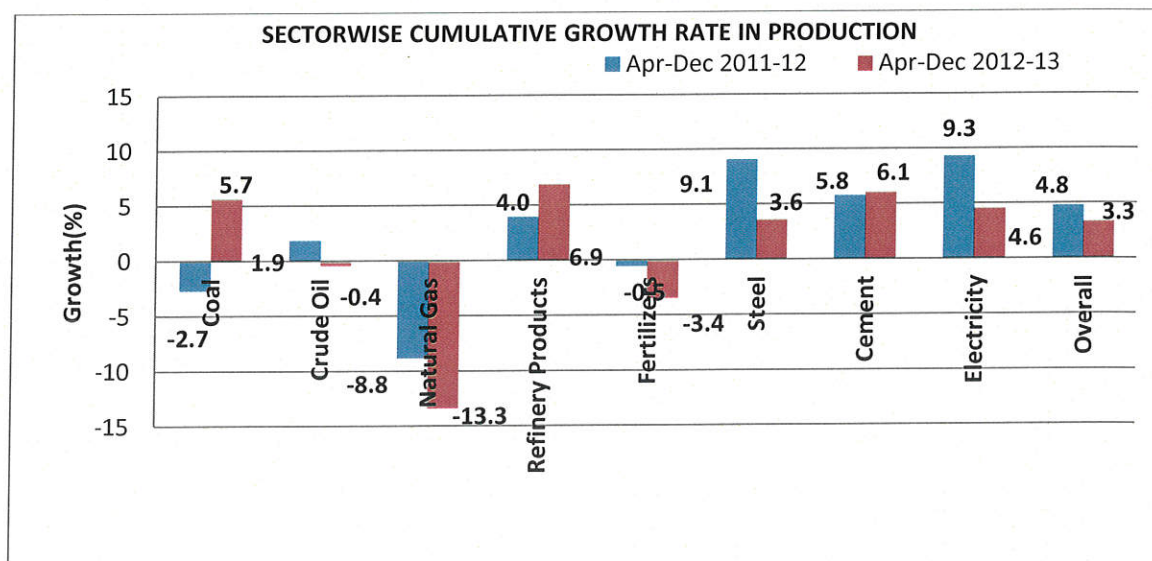
(Weight in IIP: 37.90 %)

**INDEX**

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Dec 2011-12	Apr-Dec 2012-13
Coal	4.379	119.9	129.5	140.0	139.7	141.4	127.3	134.5
Crude Oil	5.216	100.4	98.6	99.1	111.0	112.1	112.6	112.2
Natural Gas	1.708	102.1	103.4	149.5	164.4	149.7	152.0	131.7
Refinery Products	5.939	122.8	126.5	125.9	129.7	133.8	132.2	141.4
Fertilizers	1.254	95.5	91.8	103.4	103.4	103.8	103.9	100.4
Steel	6.684	128.9	131.4	139.3	157.7	168.7	167.8	173.8
Cement	2.406	132.5	142.1	157.1	164.2	175.2	167.9	178.1
Electricity	10.316	119.9	123.2	130.8	138.1	149.3	148.4	155.2
Overall Index	37.903	<b>118.5</b>	<b>121.8</b>	<b>129.9</b>	<b>138.4</b>	<b>144.4</b>	<b>141.9</b>	<b>146.6</b>

**GROWTH RATE (in %)**

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Dec 2011-12	Apr-Dec 2012-13
Coal	4.379	6.3	8.0	8.1	-0.2	1.2	-2.7	5.7
Crude Oil	5.216	0.4	-1.8	0.5	11.9	1.0	1.9	-0.4
Natural Gas	1.708	2.1	1.3	44.6	10.0	-8.9	-8.8	-13.3
Refinery Products	5.939	6.5	3.0	-0.4	3.0	3.1	4.0	6.9
Fertilizers	1.254	-7.9	-3.9	12.7	0.0	0.4	-0.5	-3.4
Steel	6.684	6.8	1.9	6.0	13.2	7.0	9.1	3.6
Cement	2.406	8.1	7.2	10.5	4.5	6.7	5.8	6.1
Electricity	10.316	6.3	2.7	6.2	5.6	8.1	9.3	4.6
Overall Index	37.903	5.2	2.8	6.6	6.6	4.4	4.8	3.3



20

**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>
Dec-11	168.0	112.1	147.9	139.8	110.1	176.7	183.6	149.7	150.6
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	187.3	153.7	143.5
May-12	140.3	114.7	139.7	139.7	87.2	175.3	187.5	162.3	150.0
Jun-12	131.5	110.9	133.5	141.4	90.4	171.4	181.0	156.9	146.0
Jul-12	125.9	115.0	135.3	141.4	106.6	172.6	177.2	156.2	146.4
Aug-12	114.4	114.0	134.0	143.5	108.6	174.4	161.8	152.2	143.5
Sep-12	114.2	108.2	127.0	132.1	108.7	168.4	171.1	149.7	139.4
Oct-12	140.2	113.1	129.5	149.7	108.6	176.9	186.2	160.4	151.3
Nov-12	144.8	109.7	123.3	145.2	106.9	171.5	160.4	149.1	144.7
Dec-12	167.7	113.2	125.9	146.7	105.8	185.9	190.8	156.3	154.6

**GROWTH RATE (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>
Dec-11	5.5	-5.6	-10.8	0.7	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	0.6	-9.3	6.8	8.7	5.4	3.1
May-12	8.0	0.5	-10.8	2.9	-15.1	4.9	11.4	5.9	4.0
Jun-12	7.2	-0.8	-11.1	6.1	-11.7	-0.5	10.1	8.8	3.8
Jul-12	2.1	-0.7	-13.5	3.6	-2.2	0.8	3.2	2.7	1.2
Aug-12	11.0	-0.6	-13.5	8.4	-2.1	1.8	0.4	1.9	2.4
Sep-12	21.4	-1.7	-14.8	10.3	5.7	2.0	13.8	3.9	5.0
Oct-12	10.9	-0.4	-14.9	20.3	2.0	5.9	6.8	5.6	6.6
Nov-12	-4.4	0.8	-15.2	6.6	5.0	6.0	-3.0	2.4	1.6
Dec-12	-0.2	1.0	-14.9	5.0	-3.8	5.2	3.9	4.4	2.6