

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

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

November 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 144.9 in November 2012 with a growth rate of 1.8% compared to their 7.8% growth in November 2011. The decline in growth in November, 2012 was on account of negative growth witnessed in the production of Coal, Natural Gas and Cement and deceleration in growth rates of Electricity, Steel and Petroleum Refinery Products.

During April-November 2012-13, the cumulative growth rate of the Core industries was 3.5 % as against their growth at 4.8% during the corresponding period in 2011-12.

Coal

3. Coal production (weight: 4.38%) registered a growth of (-) 4.4% in November 2012 compared to its growth at 4.9% in November 2011. In cumulative terms, Coal production recorded a growth of 6.7% during April-November 2012-13 compared to its negative growth at (-) 4.0% during the same period of 2011-12.

Crude Oil

4. Crude Oil production (weight: 5.22%) registered a growth of 0.8% in November 2012 compared to its (-) 5.7% growth in November 2011. Cumulatively, Crude Oil production recorded a negative growth of (-) 0.5% during April-November 2012-13 compared to its growth at 2.9% during the same period of 2011-12.

Natural Gas

5. The growth rate of Natural Gas production (weight: 1.71%) was negative both in November, 2012 at (-) 15.2% and in November 2011 at (-) 10.1%. Cumulatively also, Natural Gas production registered a negative growth of (-) 13.1% during April-November 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 6.6% in November 2012 compared to its growth at 11.2% in November 2011. In cumulative terms, Petroleum refinery production registered a growth of 7.2% during April-November 2012-13 compared to its 4.4% growth during the same period of 2011-12.

Fertilizers

7. Fertilizer production (weight: 1.25%) registered a growth of 5.0% in November 2012 against its negative growth at (-) 6.7% in November 2011. Cumulatively, Fertilizer production registered a negative growth of (-) 3.3% during April-November 2012-13 compared to (-) 0.7% growth during the same period of 2011-12.

Steel (Alloy + Non-Alloy)

8. Steel production (weight: 6.68%) had a growth rate of 6.0% in November 2012 against its 10.5% growth in November 2011. Cumulatively, Steel production registered 3.4% growth during April-November 2012-13 compared to its 8.9% growth during the same period of 2011-12.

Cement

9. Cement production (weight: 2.41%) registered a negative growth at (-) 0.2% in November 2012 against its 17.0% growth in November 2011. The cumulative growth of Cement Production was 6.7% during April-November 2012-13 compared to its 4.8% growth during the same period of 2011-12.

Electricity

10. Electricity generation (weight: 10.32%) had a 2.3% growth in November 2012 compared to its 14.4% growth in November 2011. The cumulative growth of Electricity generation was 4.6% during April-November 2012-13 compared to its 9.4% 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**

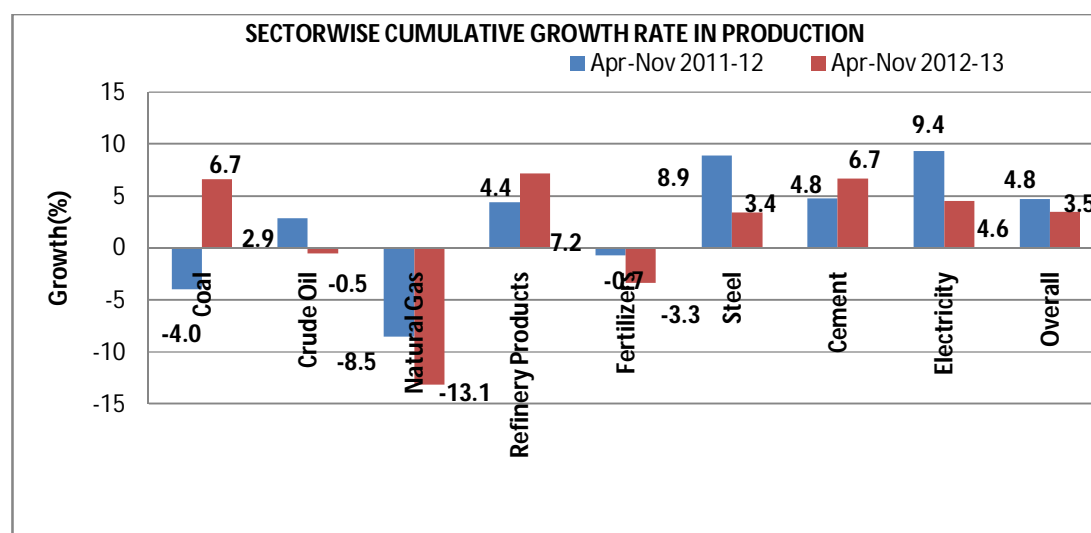
(Weight in IIP: 37.90 %)

INDEX

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Nov 2011-12	Apr-Nov 2012-13
Coal	4.379	119.9	129.5	140.0	139.7	141.4	122.2	130.4
Crude Oil	5.216	100.4	98.6	99.1	111.0	112.1	112.7	112.1
Natural Gas	1.708	102.1	103.4	149.5	164.4	149.7	152.5	132.4
Refinery Products	5.939	122.8	126.5	125.9	129.7	133.8	131.3	140.8
Fertilizers	1.254	95.5	91.8	103.4	103.4	103.8	103.1	99.7
Steel	6.684	128.9	131.4	139.3	157.7	168.7	166.6	172.3
Cement	2.406	132.5	142.1	157.1	164.2	175.2	166.0	177.1
Electricity	10.316	119.9	123.2	130.8	138.1	149.3	148.3	155.0
Overall Index	37.903	118.5	121.8	129.9	138.4	144.4	140.8	145.6

GROWTH RATE (in %)

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	Apr-Nov 2011-12	Apr-Nov 2012-13
Coal	4.379	6.3	8.0	8.1	-0.2	1.2	-4.0	6.7
Crude Oil	5.216	0.4	-1.8	0.5	11.9	1.0	2.9	-0.5
Natural Gas	1.708	2.1	1.3	44.6	10.0	-8.9	-8.5	-13.1
Refinery Products	5.939	6.5	3.0	-0.4	3.0	3.1	4.4	7.2
Fertilizers	1.254	-7.9	-3.9	12.7	0.0	0.4	-0.7	-3.3
Steel	6.684	6.8	1.9	6.0	13.2	7.0	8.9	3.4
Cement	2.406	8.1	7.2	10.5	4.5	6.7	4.8	6.7
Electricity	10.316	6.3	2.7	6.2	5.6	8.1	9.4	4.6
Overall Index	37.903	5.2	2.8	6.6	6.6	4.4	4.8	3.5



**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
Weight	4.38	5.22	1.71	5.94	1.25	6.68	2.41	10.32	37.90
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	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	164.9	148.9	144.9

GROWTH RATE (in %)

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
Weight	4.38	5.22	1.71	5.94	1.25	6.68	2.41	10.32	37.90
Nov-11	4.9	-5.7	-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	0.6	-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	-0.2	2.3	1.8