

**Government of India**  
**Ministry of Commerce & Industry**  
**Office of the Economic Adviser**

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

**April, 2013**

1. The summary of the Index of Eight Core Industries (base: 2004-05) is given at the **Annexure**.

2. The eight core industries have a combined weight of 37.90% in the Index of Industrial Production (IIP). The combined Index was 152.2 in April, 2013 with a growth rate of 2.3% compared to 5.7% growth in April, 2012. The decline in the growth rate in April, 2013 was mainly on account of negative growth witnessed in the production of Crude Oil, Natural Gas and Fertilizer.

**Coal**

3. Coal production (weight: 4.38%) registered a growth of 3.1% in April, 2013 compared to its growth at 5.9% in April, 2012. However, during 2012-13 Coal production recorded a growth of 3.4% compared to its 1.3% growth during 2011-12.

**Crude Oil**

4. Crude Oil production (weight: 5.22%) registered a growth of (-) 1.2% in April, 2013 compared to its (-) 1.4% growth in April, 2012. During 2012-13 growth of Crude Oil production was negative at (-) 0.6% compared to its 1.0% growth during 2011-12.

**Natural Gas**

5. The growth rate of Natural Gas production (weight: 1.71%) was negative both in April, 2013 at (-) 17.4% and in April, 2012 at (-) 11.3%. The growth of Natural Gas production was similarly negative at (-) 14.5% during 2012-13 and (-) 8.9% during 2011-12.

### **Petroleum Refinery Products (0.93% of Crude Throughput)<sup>1</sup>**

6. Petroleum refinery production (weight: 5.94%) grew at 5.6% in April, 2013 compared to 20.8% in April 2012. The growth of Petroleum refinery production during 2012-13 was 8.6% compared to its 3.1% growth during 2011-12.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of (-) 2.4% in April, 2013 compared to (-) 9.3% in April, 2012. Fertilizer production registered a growth of (-) 3.4% during 2012-13 compared to 0.4% during 2011-12.

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

8. Steel production (weight: 6.68%) had a growth rate of 1.9% in April, 2013 against 2.3% in April, 2012. Steel production registered a growth of 2.5% during 2012-13 compared to 10.3% growth during 2011-12.

### **Cement**

9. Cement production (weight: 2.41%) registered a growth of 8.3% in April, 2013 against 12.5% growth in April, 2012. The Cement Production growth was 9.3% during 2012-13 compared to its 6.7% growth during 2011-12.

### **Electricity**

10. Electricity generation (weight: 10.32%) had a 3.1% growth in April, 2013 compared to 5.4% growth in April, 2012. Electricity generation grew at 4.0% during 2012-13 compared to its 8.1% growth during 2011-12.

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

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<sup>1</sup>The refinery production data for the month of April, 2013 and April, 2012 for RIL (SEZ) has been furnished by the Ministry of Petroleum & Natural Gas on prorated basis. The indices and growth rates for the respective months have been revised accordingly.

Performance of Eight Core Industries  
Yearly Index & Growth Rate  
Base Year: 2004-05=100

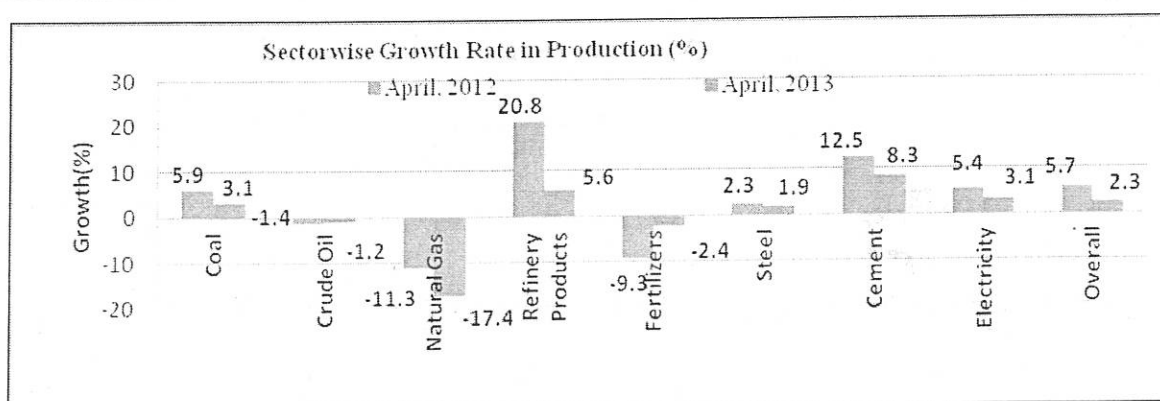
(Weight in IIP: 37.90 %)

INDEX

Sector	Weight	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Coal	4.379	106.6	112.9	119.9	129.5	140.0	139.7	141.5	146.4
Crude Oil	5.216	94.8	100.0	100.4	98.6	99.1	111.0	112.1	111.4
Natural Gas	1.708	101.4	99.9	102.1	103.4	149.5	164.4	149.7	128.1
Refinery Products*	5.939	102.1	115.3	122.8	126.5	125.9	129.7	133.7	145.2
Fertilizers	1.254	100.6	103.8	95.5	91.8	103.4	103.4	103.8	100.2
Steel	6.684	107.0	120.7	128.9	131.4	139.3	157.7	174.0	178.4
Cement	2.406	112.4	122.6	132.5	142.1	157.1	164.2	175.2	191.5
Electricity	10.316	105.1	112.8	119.9	123.2	130.8	138.1	149.3	155.3
Overall Index	37.903	103.9	112.6	118.5	121.8	129.9	138.4	145.3	150.0

Growth Rate (in %)

Sector	Weight	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Coal	4.379	6.6	5.9	6.3	8.0	8.1	-0.2	1.3	3.4
Crude Oil	5.216	-5.2	5.6	0.4	-1.8	0.5	11.9	1.0	-0.6
Natural Gas	1.708	1.4	-1.4	2.1	1.3	44.6	10.0	-8.9	-14.5
Refinery Products*	5.939	2.1	12.9	6.5	3.0	-0.4	3.0	3.1	8.6
Fertilizers	1.254	0.6	3.1	-7.9	-3.9	12.7	0.0	0.4	-3.4
Steel	6.684	7.0	12.8	6.8	1.9	6.0	13.2	10.3	2.5
Cement	2.406	12.4	9.1	8.1	7.2	10.5	4.5	6.7	9.3
Electricity	10.316	5.1	7.3	6.3	2.7	6.2	5.6	8.1	4.0
Overall Index	37.903	3.9	8.4	5.2	2.8	6.6	6.6	5.0	3.2



\*The refinery production data for the month of April, 2013 and April, 2012 for RIL (SEZ) has been furnished by the Ministry of Petroleum & Natural Gas on prorated basis. The indices and growth rates for the respective months have been revised accordingly.

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
Apr-12	134.4	111.0	137.3	159.6	80.6	169.9	193.8	153.7	148.8
May-12	140.3	114.7	139.7	139.7	87.2	178.6	194.2	162.3	151.0
Jun-12	131.5	110.9	133.5	141.4	90.4	175.0	187.6	156.9	147.1
Jul-12	125.9	115.0	135.3	141.4	106.6	175.5	182.8	156.2	147.2
Aug-12	114.4	114.0	134.0	143.5	108.6	177.5	168.7	152.2	144.5
Sep-12	114.2	108.2	127.0	132.1	108.7	171.5	177.9	149.7	140.4
Oct-12	140.2	113.1	129.5	149.7	108.6	175.4	193.7	160.4	151.5
Nov-12	144.8	109.7	123.3	145.2	106.9	175.6	164.5	149.1	145.7
Dec-12	167.7	113.2	125.9	146.7	105.8	184.6	201.0	157.5	155.3
Jan-13	177.0	111.8	122.5	151.5	102.9	186.4	212.0	160.6	158.5
Feb-13	161.7	101.6	109.0	139.4	98.6	176.3	195.7	140.5	144.4
Mar-13	204.1	113.9	119.9	152.0	98.0	194.3	226.2	164.1	165.0
Apr-13	138.7	109.7	113.4	168.5	78.7	173.1	209.9	158.5	152.2

**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
Apr-12	5.9	-1.4	-11.3	20.8	-9.3	2.3	12.5	5.4	5.7
May-12	8.0	0.5	-10.8	2.9	-15.1	3.8	15.4	5.9	4.1
Jun-12	7.2	-0.8	-11.1	6.1	-11.7	4.1	14.1	8.8	5.1
Jul-12	2.1	-0.7	-13.5	3.6	-2.2	1.1	6.5	2.7	1.5
Aug-12	11.0	-0.6	-13.5	8.4	-2.1	2.9	4.7	1.9	2.9
Sep-12	21.4	-1.7	-14.8	10.3	5.7	1.3	18.3	3.9	5.1
Oct-12	10.9	-0.4	-14.9	20.3	2.0	-4.7	11.1	5.6	4.5
Nov-12	-4.4	0.8	-15.2	6.6	5.0	7.8	-0.4	2.4	2.2
Dec-12	-0.2	1.0	-14.9	5.0	-3.8	3.6	9.5	5.2	2.9
Jan-13	2.3	-0.2	-16.8	10.5	-9.1	1.9	10.2	6.3	3.7
Feb-13	-8.0	-4.0	-20.1	4.3	-4.0	0.5	3.1	-3.7	-2.4
Mar-13	0.3	0.2	-17.7	5.6	3.6	6.6	8.3	3.5	3.2
Apr-13	3.1	-1.2	-17.4	5.6	-2.4	1.9	8.3	3.1	2.3

\* The refinery production data for the month of April, 2013 and April, 2012 for RIL (SEZ) has been furnished by the Ministry of Petroleum & Natural Gas on prorated basis. The indices and growth rates for the respective months have been revised accordingly.