

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

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

**December, 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 of Eight Core Industries stands at 165.6 in December, 2013, which was 2.1 % higher compared to the index of December, 2012.

**Coal**

3. Coal production (weight: 4.38 %) declined by 0.6 % in December, 2013 over December, 2012. Its cumulative index during April to December, 2013-14 increased by 1.2 % over corresponding period of previous year.

**Crude Oil**

4. Crude Oil production (weight: 5.22 %) increased by 1.6 % in December, 2013 over December, 2012. The cumulative index of Crude Oil during April to December, 2013-14 moderated by 0.6 % over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 1.71 %) declined by 9.9 % in December, 2013 over December, 2012. Its cumulative index during April to December, 2013-14 declined by 15.0 % over the corresponding period of previous year.

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

6. Petroleum refinery production (weight: 5.94%) moderated by 1.7 % in December, 2013 over December, 2012. However, its cumulative index during April to December, 2013-14 increased by 2.1 % over the corresponding period of previous year.

## **Fertilizers**

7. Fertilizer production (weight: 1.25%) registered a growth of 4.1 % in December, 2013 over December, 2012 and it registered a cumulative growth of 2.6 % during April to December, 2013-14 over the corresponding period of previous year.

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

8. Steel production (weight: 6.68%) recorded a growth rate of 3.1 % in December, 2013 over December, 2012. The cumulative growth during April to December, 2013-14 was 4.2 % over the corresponding period of previous year.

## **Cement**

9. Cement production (weight: 2.41%) increased by 1.1 % in December, 2013 over December, 2012 and its cumulative growth during April to December, 2013-14 was 3.7 % over the corresponding period of previous year.

## **Electricity**

10. Electricity generation (weight: 10.32%) increased by 6.7 % in December, 2013 over the period of December, 2012 and it registered a cumulative growth of 5.2 % during April to December, 2013-14 over the corresponding period of previous year.

*Note: Data are provisional. Revision has been made based on revised data obtained for corresponding month of previous year in respect of Coal, Crude Oil, Natural Gas, Refinery Products and Steel.*

---

<sup>1</sup>Note: RIL (SEZ) production figures for December, 2013 are on prorated basis.

**Annexure**

## 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	2012-13	Apr-Dec 2012-13	Apr-Dec 2013-14
Coal	4.379	119.9	129.5	140.0	139.7	141.5	147.3	136.1	137.7
Crude Oil	5.216	100.4	98.6	99.1	111.0	112.1	111.4	112.2	111.5
Natural Gas	1.708	102.1	103.4	149.5	164.4	149.7	128.1	131.7	112.0
Refinery Products	5.939	122.8	126.5	125.9	129.7	133.7	165.3	171.2	174.8
Fertilizers	1.254	95.5	91.8	103.4	103.4	103.8	100.2	100.4	103.0
Steel	6.684	128.9	131.4	139.3	157.7	174.0	179.1	176.9	184.3
Cement	2.406	132.5	142.1	157.1	164.2	175.2	188.7	181.2	187.8
Electricity	10.316	119.9	123.2	130.8	138.1	149.3	155.3	155.3	163.3
<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>145.3</b>	<b>153.2</b>	<b>152.2</b>	<b>156.0</b>

**Growth Rate (in %)**

Sector	Weight	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	Apr-Dec 2012-13	Apr-Dec 2013-14
Coal	4.379	6.3	8.0	8.1	-0.2	1.3	4.1	6.9	1.2
Crude Oil	5.216	0.4	-1.8	0.5	11.9	1.0	-0.6	-0.4	-0.6
Natural Gas	1.708	2.1	1.3	44.6	10.0	-8.9	-14.5	-13.3	-15.0
Refinery Products	5.939	6.5	3.0	-0.4	3.0	3.1	23.6	29.5	2.1
Fertilizers	1.254	-7.9	-3.9	12.7	0.0	0.4	-3.4	-3.4	2.6
Steel	6.684	6.8	1.9	6.0	13.2	10.3	2.9	2.9	4.2
Cement	2.406	8.1	7.2	10.5	4.5	6.7	7.7	7.9	3.7
Electricity	10.316	6.3	2.7	6.2	5.6	8.1	4.0	4.6	5.2
<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>5.0</b>	<b>5.4</b>	<b>6.8</b>	<b>2.5</b>

\*Note: RIL (SEZ) production figures for December, 2013 are on prorated basis.

## 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-12	171.0	113.2	125.9	178.9	105.8	192.9	201.0	157.5	<b>162.2</b>
Jan-13	177.0	111.8	122.5	151.5	102.9	186.4	212.0	160.6	<b>158.5</b>
Feb-13	161.7	101.6	109.0	139.4	98.6	176.3	195.7	140.5	<b>144.4</b>
Mar-13	204.1	113.9	119.9	152.0	98.0	194.3	226.1	164.1	<b>165.0</b>
Apr-13	138.7	109.7	113.4	169.2	78.7	173.1	203.9	159.1	<b>152.1</b>
May-13	137.7	112.0	113.7	176.6	85.5	185.7	198.9	172.3	<b>159.2</b>
Jun-13	128.9	110.3	111.2	172.2	100.6	180.9	184.2	154.9	<b>151.2</b>
Jul-13	127.2	112.3	113.6	180.7	107.1	187.9	178.7	164.4	<b>156.4</b>
Aug-13	121.5	112.3	112.5	182.9	110.5	185.1	170.6	162.3	<b>154.5</b>
Sep-13	129.4	108.8	109.1	174.5	114.4	182.8	190.8	168.5	<b>156.2</b>
Oct-13	135.5	112.3	111.9	173.5	113.0	181.5	188.0	162.5	<b>155.2</b>
Nov-13	150.5	110.9	109.3	168.1	107.4	182.5	172.0	157.8	<b>153.5</b>
Dec-13	170.1	115.0	113.4	175.9	110.2	199.0	203.3	168.1	<b>165.6</b>

#### 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-12	1.8	1.0	-14.9	28.0	-3.8	8.3	9.5	5.2	<b>7.5</b>
Jan-13	2.3	-0.2	-16.8	10.5	-9.1	1.9	10.2	6.3	<b>3.7</b>
Feb-13	-8.0	-4.0	-20.1	4.3	-4.0	0.5	3.1	-3.7	<b>-2.4</b>
Mar-13	0.3	0.2	-17.7	5.6	3.6	6.6	8.3	3.5	<b>3.2</b>
Apr-13	3.1	-1.2	-17.4	6.1	-2.4	1.9	5.2	3.5	<b>2.3</b>
May-13	-3.3	-2.4	-18.7	5.5	-2.0	4.0	2.4	6.2	<b>2.3</b>
Jun-13	-3.0	-0.6	-16.7	2.3	11.3	3.4	2.3	-1.2	<b>0.1</b>
Jul-13	1.2	-2.3	-16.1	5.1	0.4	7.0	0.8	5.2	<b>3.1</b>
Aug-13	5.5	-1.5	-16.1	4.9	1.7	4.3	5.5	6.7	<b>3.7</b>
Sep-13	12.5	0.6	-14.1	8.0	5.3	6.6	11.5	12.6	<b>8.0</b>
Oct-13	-3.9	-0.8	-13.6	-4.8	4.1	3.5	1.0	1.3	<b>-0.6</b>
Nov-13	2.3	1.1	-11.3	-5.0	0.6	3.9	4.2	5.9	<b>1.7</b>
Dec-13	-0.6	1.6	-9.9	-1.7	4.1	3.1	1.1	6.7	<b>2.1</b>

\* Note: RIL (SEZ) production figures for December, 2013 are on prorated basis.

\*\*\*