

**Government of India**  
**Ministry of Commerce & Industry**  
**Department of Industrial Policy & Promotion**  
**Office of the Economic Adviser**

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

**December, 2016**

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

2. The Eight Core Industries comprise nearly 38 % of the weight of items included in the Index of Industrial Production (IIP). The combined Index of Eight Core Industries stands at 189.1 in December, 2016, which was 5.6 % **higher** compared to the index of December, 2015. Its cumulative growth during April to December, 2016-17 was 5.0 %.

**Coal**

3. Coal production (weight: 4.38 %) increased by 4.4 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 2.0 % over corresponding period of previous year.

**Crude Oil**

4. Crude Oil production (weight: 5.22 %) declined by 0.8 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 declined by 3.2 % over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 1.71 %) declined by 0.01 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 declined by 3.3 % over the corresponding period of previous year.

### **Refinery Products (93% of Crude Throughput)**

6. Petroleum Refinery production (weight: 5.94%) increased by 6.4 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 7.8 % over the corresponding period of previous year.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) declined by 4.7 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 3.4 % over the corresponding period of previous year.

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

8. Steel production (weight: 6.68%) increased by 14.9 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 8.9 % over the corresponding period of previous year.

### **Cement**

9. Cement production (weight: 2.41%) declined by 8.7 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 2.8 % over the corresponding period of previous year.

### **Electricity**

10. Electricity generation (weight: 10.32%) increased by 6.0 % in December, 2016 over December, 2015. Its cumulative index during April to December, 2016-17 increased by 5.4 % over the corresponding period of previous year.

*Note 1: Data are provisional. Revision has been made based on revised data received for corresponding month of previous year in respect of Coal, Crude Oil, Refinery Products, Fertilizer, Steel, Cement and Electricity. Accordingly, indices for the month of December, 2015 have been revised.*

*Note 2: Since October, 2016, Electricity generation data from Renewable sources is also included.*

*Note 3: Release of the index for January, 2017 will be on Tuesday, 28<sup>th</sup> February, 2017.*

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

## INDEX

Sector	Weight	2011-12	2012-13	2013-14	2014-15	2015-16	Apr-Dec 2015-16	Apr-Dec 2016-17
Coal	4.379	141.5	148.1	150.0	162.2	169.6	158.0	161.1
Crude Oil	5.216	112.1	111.4	111.2	110.2	108.7	109.7	106.1
Natural Gas	1.708	149.7	128.1	111.5	106.0	101.5	103.7	100.3
Refinery Products	5.939	133.7	172.5	175.0	175.6	182.2	178.9	192.9
Fertilizers	1.254	103.8	100.2	101.8	101.7	114.1	113.1	117.0
Steel	6.684	174.0	181.1	201.9	211.4	208.8	207.5	226.0
Cement	2.406	175.2	188.7	194.5	205.3	215.3	207.8	213.5
Electricity	10.316	149.3	155.3	164.6	178.5	190.7	191.5	201.9
<b>Overall Index</b>	<b>37.903</b>	<b>145.3</b>	<b>154.7</b>	<b>161.2</b>	<b>168.5</b>	<b>173.8</b>	<b>171.7</b>	<b>180.2</b>

## GROWTH RATES (in %)

Sector	Weight	2011-12	2012-13	2013-14	2014-15	2015-16	Apr-Dec 2015-16	Apr-Dec 2016-17
Coal	4.379	1.3	4.6	1.3	8.1	4.5	4.5	2.0
Crude Oil	5.216	1.0	-0.6	-0.2	-0.9	-1.4	-0.8	-3.2
Natural Gas	1.708	-8.9	-14.5	-13.0	-4.9	-4.2	-2.8	-3.3
Refinery Products	5.939	3.1	29.0	1.5	0.3	3.7	2.3	7.8
Fertilizers	1.254	0.4	-3.4	1.5	-0.1	12.2	11.3	3.4
Steel	6.684	10.3	4.1	11.5	4.7	-1.2	-1.6	8.9
Cement	2.406	6.7	7.7	3.1	5.6	4.9	2.6	2.8
Electricity	10.316	8.1	4.0	6.0	8.4	6.8	6.2	5.4
<b>Overall Index</b>	<b>37.903</b>	<b>5.0</b>	<b>6.5</b>	<b>4.2</b>	<b>4.5</b>	<b>3.2</b>	<b>2.6</b>	<b>5.0</b>

\*Refinery Products' yearly growth rate of 2012-13 is not comparable with other years on account of inclusion of RIL (SEZ) production data since April, 2012.

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

**Index**

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
<b>Weight</b>	<b>4.379</b>	<b>5.216</b>	<b>1.708</b>	<b>5.939</b>	<b>1.254</b>	<b>6.684</b>	<b>2.406</b>	<b>10.316</b>	<b>37.903</b>
<b>Dec-15</b>	195.9	108.8	103.4	190.2	123.1	206.5	219.9	193.3	<b>179.1</b>
<b>Jan-16</b>	200.4	107.3	92.5	194.7	118.5	216.7	236.1	187.3	<b>180.7</b>
<b>Feb-16</b>	191.5	102.3	96.9	179.4	113.4	202.6	232.5	181.2	<b>172.2</b>
<b>Mar-16</b>	221.1	108.1	96.0	201.9	119.1	219.7	244.6	196.3	<b>188.0</b>
<b>Apr-16</b>	154.9	104.4	94.0	190.3	94.2	212.3	225.2	203.1	<b>176.4</b>
<b>May-16</b>	164.8	108.7	100.3	188.3	116.9	237.6	227.0	203.9	<b>183.7</b>
<b>Jun-16</b>	164.6	104.8	98.2	190.4	115.6	225.0	237.7	198.6	<b>180.4</b>
<b>Jul-16</b>	140.9	108.7	102.2	200.3	114.1	207.6	212.8	193.2	<b>173.7</b>
<b>Aug-16</b>	126.4	108.3	101.0	191.5	127.1	237.3	203.3	194.6	<b>176.0</b>
<b>Sep-16</b>	135.2	103.0	98.2	186.1	122.0	233.4	206.4	199.8	<b>176.1</b>
<b>Oct-16</b>	166.3	107.7	104.1	198.5	123.8	234.0	221.3	216.4	<b>188.1</b>
<b>Nov-16</b>	192.4	101.6	100.9	188.0	121.8	209.2	187.1	202.7	<b>178.2</b>
<b>Dec-16</b>	204.6	107.9	103.4	202.4	117.2	237.3	200.7	204.8	<b>189.1</b>

**Growth Rates (in %)**

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
<b>Weight</b>	<b>4.379</b>	<b>5.216</b>	<b>1.708</b>	<b>5.939</b>	<b>1.254</b>	<b>6.684</b>	<b>2.406</b>	<b>10.316</b>	<b>37.903</b>
<b>Dec-15</b>	5.3	-4.1	-6.1	2.1	13.5	-3.1	4.1	8.8	<b>2.9</b>
<b>Jan-16</b>	9.1	-4.6	-15.3	4.8	6.2	-2.8	9.0	6.0	<b>2.9</b>
<b>Feb-16</b>	3.9	0.8	1.2	8.1	16.3	-0.5	13.5	9.2	<b>5.7</b>
<b>Mar-16</b>	1.7	-5.1	-10.5	10.8	22.9	3.4	11.9	11.3	<b>6.4</b>
<b>Apr-16</b>	-0.9	-2.3	-6.8	17.9	7.8	6.1	4.4	14.7	<b>8.5</b>
<b>May-16</b>	5.5	-3.3	-6.9	1.2	14.8	3.2	2.4	4.6	<b>2.8</b>
<b>Jun-16</b>	12.0	-4.3	-4.5	3.5	9.8	2.4	10.3	8.1	<b>5.2</b>
<b>Jul-16</b>	5.1	-1.8	3.3	13.7	-4.3	-0.5	1.4	1.6	<b>3.0</b>
<b>Aug-16</b>	-9.2	-3.9	-5.7	3.5	5.7	17.0	3.1	0.1	<b>3.2</b>
<b>Sep-16</b>	-5.8	-4.1	-5.5	9.3	2.0	16.3	5.5	2.2	<b>5.0</b>
<b>Oct-16</b>	-1.6	-3.2	-1.4	15.1	0.8	16.9	6.2	2.8	<b>6.6</b>
<b>Nov-16</b>	6.4	-5.4	-1.7	2.0	2.4	5.6	0.5	10.2	<b>4.9</b>
<b>Dec-16</b>	4.4	-0.8	-0.01	6.4	-4.7	14.9	-8.7	6.0	<b>5.6</b>

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