

**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)**

**September, 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 176.1 in September, 2016, which was 5.0 % **higher** compared to the index of September, 2015. Its cumulative growth during April to September, 2016-17 was 4.6 %.

**Coal**

3. Coal production (weight: 4.38 %) declined by 5.8 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 1.2 % over corresponding period of previous year.

**Crude Oil**

4. Crude Oil production (weight: 5.22 %) declined by 4.1 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 declined by 3.3 % over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 1.71 %) declined by 5.5 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 declined by 4.4 % over the corresponding period of previous year.

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

6. Petroleum Refinery production (weight: 5.94%) increased by 9.3 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 7.9 % over the corresponding period of previous year.

### **Fertilizers**

7. Fertilizer production (weight: 1.25%) increased by 2.0 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 5.6 % over the corresponding period of previous year.

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

8. Steel production (weight: 6.68%) increased by 16.3 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 7.2 % over the corresponding period of previous year.

### **Cement**

9. Cement production (weight: 2.41%) increased by 5.5 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 4.5 % over the corresponding period of previous year.

### **Electricity**

10. Electricity generation (weight: 10.32%) increased by 2.2 % in September, 2016 over September, 2015. Its cumulative index during April to September, 2016-17 increased by 5.1 % 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, Fertilizer, Steel, Cement and Electricity. Accordingly, indices for the month of September, 2015 have been revised.*

*Note 2: Release of the index for October, 2016 will be on Wednesday, 30th November, 2016.*

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-Sep 2015-16	Apr-Sep 2016-17
Coal	4.379	141.5	148.1	150.0	162.2	169.6	146.0	147.8
Crude Oil	5.216	112.1	111.4	111.2	110.2	108.7	109.9	106.3
Natural Gas	1.708	149.7	128.1	111.5	106.0	101.5	103.6	99.0
Refinery Products	5.939	133.7	172.5	175.0	175.6	182.3	177.2	191.2
Fertilizers	1.254	103.8	100.2	101.8	101.7	114.0	108.9	115.0
Steel	6.684	174.0	181.1	201.9	211.4	209.1	210.4	225.5
Cement	2.406	175.2	188.7	194.5	205.3	215.0	209.2	218.7
Electricity	10.316	149.3	155.3	164.6	178.5	188.2	189.3	198.9
<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>173.2</b>	<b>169.9</b>	<b>177.7</b>

**GROWTH RATES (in %)**

Sector	Weight	2011-12	2012-13	2013-14	2014-15	2015-16	Apr-Sep 2015-16	Apr-Sep 2016-17
Coal	4.379	1.3	4.6	1.3	8.1	4.6	4.0	1.2
Crude Oil	5.216	1.0	-0.6	-0.2	-0.9	-1.4	0.4	-3.3
Natural Gas	1.708	-8.9	-14.5	-13.0	-4.9	-4.2	-2.1	-4.4
Refinery Products	5.939	3.1	29.0	1.5	0.3	3.8	3.6	7.9
Fertilizers	1.254	0.4	-3.4	1.5	-0.1	12.0	9.5	5.6
Steel	6.684	10.3	4.1	11.5	4.7	-1.1	0.1	7.2
Cement	2.406	6.7	7.7	3.1	5.6	4.7	1.5	4.5
Electricity	10.316	8.1	4.0	6.0	8.4	5.4	4.5	5.1
<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>2.8</b>	<b>2.6</b>	<b>4.6</b>

<sup>#</sup>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>
Sep-15	143.5	107.4	103.9	170.3	119.6	200.6	195.6	195.6	167.7
Oct-15	168.4	111.3	105.6	172.5	122.1	209.4	207.4	201.1	175.4
Nov-15	180.3	107.3	102.6	185.9	118.4	194.6	185.9	174.2	166.8
Dec-15	197.4	108.7	103.4	190.2	122.6	203.6	217.9	182.4	175.7
Jan-16	200.4	107.3	92.5	194.7	118.5	216.7	236.1	187.3	180.7
Feb-16	191.5	102.3	96.9	179.4	113.4	202.6	232.5	181.2	172.2
Mar-16	221.1	108.1	96.0	201.9	119.1	219.7	244.6	196.3	188.0
Apr-16	154.9	104.4	94.0	190.3	94.2	212.3	225.2	203.1	176.4
May-16	164.8	108.7	100.3	188.3	116.9	237.6	227.0	203.9	183.7
Jun-16	164.6	104.8	98.2	190.4	115.6	225.0	237.7	198.6	180.4
Jul-16	140.9	108.7	102.2	200.3	114.1	207.6	212.8	193.2	173.7
Aug-16	126.4	108.3	101.0	191.5	127.1	237.3	203.3	194.6	176.0
Sep-16	135.2	103.0	98.2	186.1	122.0	233.4	206.4	199.8	176.1

**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>
Sep-15	2.1	-0.1	0.9	0.5	18.3	-0.9	-1.6	11.4	3.7
Oct-15	6.3	-2.1	-1.8	-4.4	16.2	-1.2	11.7	8.8	3.2
Nov-15	3.5	-3.3	-3.9	2.5	13.5	-8.4	-1.8	0.0	-1.3
Dec-15	6.1	-4.1	-6.1	2.1	13.1	-4.4	3.2	2.7	0.9
Jan-16	9.1	-4.6	-15.3	4.8	6.2	-2.8	9.0	6.0	2.9
Feb-16	3.9	0.8	1.2	8.1	16.3	-0.5	13.5	9.2	5.7
Mar-16	1.7	-5.1	-10.5	10.8	22.9	3.4	11.9	11.3	6.4
Apr-16	-0.9	-2.3	-6.8	17.9	7.8	6.1	4.4	14.7	8.5
May-16	5.5	-3.3	-6.9	1.2	14.8	3.2	2.4	4.6	2.8
Jun-16	12.0	-4.3	-4.5	3.5	9.8	2.4	10.3	8.1	5.2
Jul-16	5.1	-1.8	3.3	13.7	-4.3	-0.5	1.4	1.6	3.0
Aug-16	-9.2	-3.9	-5.7	3.5	5.7	17.0	3.1	0.1	3.2
Sep-16	-5.8	-4.1	-5.5	9.3	2.0	16.3	5.5	2.2	5.0

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