

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)

October, 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 188.1 in October, 2016, which was 6.6 % **higher** compared to the index of October, 2015. Its cumulative growth during April to October, 2016-17 was 4.9 %.

Coal

3. Coal production (weight: 4.38 %) declined by 1.6 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 0.7 % over corresponding period of previous year.

Crude Oil

4. Crude Oil production (weight: 5.22 %) declined by 3.2 % in October, 2016 over October, 2015. Its cumulative index during April to October, 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 1.4 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 declined by 4.0 % over the corresponding period of previous year.

Refinery Products (93% of Crude Throughput)

6. Petroleum Refinery production (weight: 5.94%) increased by 15.1 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 8.9 % over the corresponding period of previous year.

Fertilizers

7. Fertilizer production (weight: 1.25%) increased by 0.8 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 4.8 % over the corresponding period of previous year.

Steel (Alloy + Non-Alloy)

8. Steel production (weight: 6.68%) increased by 16.9 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 8.5 % over the corresponding period of previous year.

Cement

9. Cement production (weight: 2.41%) increased by 6.2 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 4.8 % over the corresponding period of previous year.

Electricity

10. Electricity generation (weight: 10.32%) increased by 2.8 % in October, 2016 over October, 2015. Its cumulative index during April to October, 2016-17 increased by 4.7 % 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, Natural Gas, Fertilizer, Steel, Cement and Electricity. Accordingly, indices for the month of October, 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 November, 2016 will be on Monday, 2nd January, 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-Oct 2015-16	Apr-Oct 2016-17
Coal	4.379	141.5	148.1	150.0	162.2	169.7	149.3	150.4
Crude Oil	5.216	112.1	111.4	111.2	110.2	108.7	110.1	106.5
Natural Gas	1.708	149.7	128.1	111.5	106.0	101.5	103.9	99.7
Refinery Products	5.939	133.7	172.5	175.0	175.6	182.3	176.5	192.2
Fertilizers	1.254	103.8	100.2	101.8	101.7	114.0	110.9	116.2
Steel	6.684	174.0	181.1	201.9	211.4	208.3	208.9	226.8
Cement	2.406	175.2	188.7	194.5	205.3	215.1	209.1	219.1
Electricity	10.316	149.3	155.3	164.6	178.5	189.0	192.3	201.4
Overall Index	37.903	145.3	154.7	161.2	168.5	173.3	170.9	179.2

GROWTH RATES (in %)

Sector	Weight	2011-12	2012-13	2013-14	2014-15	2015-16	Apr-Oct 2015-16	Apr-Oct 2016-17
Coal	4.379	1.3	4.6	1.3	8.1	4.6	4.4	0.7
Crude Oil	5.216	1.0	-0.6	-0.2	-0.9	-1.4	0.1	-3.3
Natural Gas	1.708	-8.9	-14.5	-13.0	-4.9	-4.2	-2.1	-4.0
Refinery Products#	5.939	3.1	29.0	1.5	0.3	3.8	2.4	8.9
Fertilizers	1.254	0.4	-3.4	1.5	-0.1	12.1	10.6	4.8
Steel	6.684	10.3	4.1	11.5	4.7	-1.5	-0.7	8.5
Cement	2.406	6.7	7.7	3.1	5.6	4.8	2.9	4.8
Electricity	10.316	8.1	4.0	6.0	8.4	5.9	5.9	4.7
Overall Index	37.903	5.0	6.5	4.2	4.5	2.9	2.8	4.9

#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
Weight	4.379	5.216	1.708	5.939	1.254	6.684	2.406	10.316	37.903
Oct-15	168.9	111.3	105.6	172.5	122.8	200.2	208.3	210.4	176.5
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
Oct-16	166.3	107.7	104.1	198.5	123.8	234.0	221.3	216.4	188.1

Growth Rates (in %)

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
Weight	4.379	5.216	1.708	5.939	1.254	6.684	2.406	10.316	37.903
Oct-15	6.6	-2.1	-1.8	-4.4	16.8	-5.5	12.2	13.8	3.8
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
Oct-16	-1.6	-3.2	-1.4	15.1	0.8	16.9	6.2	2.8	6.6
