



Index of Eight Core Industries (Base: 2011-12=100) September, 2017

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The summary of the Index of Eight Core Industries (base: 2011-12) is given at the **Annexure**.

The Eight Core Industries comprise 40.27 per cent of the weight of items included in the Index of Industrial Production (IIP). The combined Index of Eight Core Industries stands at 122.5 in September, 2017, which was 5.2 per cent higher as compared to the index of September, 2016. Its cumulative growth during April to September, 2017-18 was 3.3 per cent.

Coal

Coal production (weight: 10.33 per cent) increased by 10.6 per cent in September, 2017 over September, 2016. Its cumulative index increased by 1.5 per cent during April to September, 2017-18 over corresponding period of the previous year.

Crude Oil

Crude Oil production (weight: 8.98 per cent) increased by 0.1 per cent in September, 2017 over September, 2016. Its cumulative index declined by 0.2 per cent during April to September, 2017-18 over the corresponding period of previous year.

Natural Gas

The Natural Gas production (weight: 6.88 per cent) increased by 6.3 per cent in September, 2017 over September, 2016. Its cumulative index increased by 5.0 per cent during April to September, 2017-18 over the corresponding period of previous year.

Refinery Products

Petroleum Refinery production (weight: 28.04 per cent) increased by 8.1 per cent in September, 2017 over September, 2016. Its cumulative index increased by 2.1 per cent during April to September, 2017-18 over the corresponding period of previous year.

Fertilizers

Fertilizer production (weight: 2.63 per cent) declined by 7.7 per cent in September, 2017 over September, 2016. Its cumulative index declined by 2.1 per cent during April to September, 2017-18 over the corresponding period of previous year.

Steel

Steel production (weight: 17.92 per cent) increased by 3.7 per cent in September, 2017 over September, 2016. Its cumulative index increased by 5.5 per cent during April to September, 2017-18 over the corresponding period of previous year.

Cement

Cement production (weight: 5.37 per cent) increased by 0.1 per cent in September, 2017 over September, 2016. Its cumulative index declined by 1.9 per cent during April to September, 2017-18 over the corresponding period of previous year.

Electricity

Electricity generation (weight: 19.85 per cent) increased by 5.2 per cent in September, 2017 over September, 2016. Its cumulative index increased by 6.0 per cent during April to September, 2017-18 over the corresponding period of previous year.

Note 1: Data for July, 2017, August, 2017 and September, 2017 are provisional.

Note 2: Since April, 2014, Electricity generation data from Renewable sources are also included.

Note 3: The industry-wise weights indicated above are individual industry weight derived from IIP and blown up on pro rata basis to a combined weight of ICI equal to 100.

Note 4: Release of the index for October, 2017 will be on Thursday, 30th November, 2017.

Annexure

Performance of Eight Core Industries

Yearly Index & Growth Rate

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Index

Sector	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	Apr-Sep 2016-17	Apr-Sep 2017-18
Coal	10.3335	103.2	104.2	112.6	118.0	121.8	102.8	104.3
Crude Oil	8.9833	99.4	99.2	98.4	97.0	94.5	94.8	94.6
Natural Gas	6.8768	85.6	74.5	70.5	67.2	66.5	65.5	68.8
Refinery Products	28.0376	107.2	108.6	108.8	114.1	119.7	118.2	120.7
Fertilizers	2.6276	96.7	98.1	99.4	106.4	106.6	106.2	104.0
Steel	17.9166	107.9	115.8	121.7	120.2	133.1	130.1	137.3
Cement	5.3720	107.5	111.5	118.1	123.5	122.0	125.5	123.1
Electricity	19.8530	104.0	110.3	126.6	133.8	141.6	144.2	152.7
Overall Index	100.0000	103.8	106.5	111.7	115.1	120.5	118.3	122.1

Growth Rates (in per cent)

Sector	Weight	2012-13	2013-14	2014-15	2015-16	2016-17	Apr-Sep 2016-17	Apr-Sep 2017-18
Coal	10.3335	3.2	1.0	8.0	4.8	3.2	0.8	1.5
Crude Oil	8.9833	-0.6	-0.2	-0.9	-1.4	-2.5	-3.3	-0.2
Natural Gas	6.8768	-14.4	-12.9	-5.3	-4.7	-1.0	-4.3	5.0
Refinery Products	28.0376	7.2	1.4	0.2	4.9	4.9	7.3	2.1
Fertilizers	2.6276	-3.3	1.5	1.3	7.0	0.2	1.5	-2.1
Steel	17.9166	7.9	7.3	5.1	-1.3	10.7	9.9	5.5
Cement	5.3720	7.5	3.7	5.9	4.6	-1.2	4.7	-1.9
Electricity	19.8530	4.0	6.1	14.8	5.7	5.8	6.5	6.0
Overall Index	100.0000	3.8	2.6	4.9	3.0	4.8	5.4	3.3

Performance of Eight Core Industries

Monthly Index & Growth Rate

Base Year: 2011-12=100

Index

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
Weight	10.3335	8.9833	6.8768	28.0376	2.6276	17.9166	5.3720	19.8530	100.0000
Sep-16	93.4	91.9	64.7	113.5	114.1	133.8	119.7	145.6	116.5
Oct-16	114.9	96.1	69.0	122.9	113.4	135.1	126.9	145.1	122.5
Nov-16	132.5	90.6	66.9	116.5	111.5	120.1	107.3	134.9	116.1
Dec-16	142.0	96.2	68.4	124.9	108.8	137.5	115.0	137.8	124.1
Jan-17	144.1	96.9	68.4	122.0	107.2	142.6	117.6	138.9	124.8
Feb-17	141.4	88.1	63.2	112.1	97.2	134.9	112.2	130.2	116.9
Mar-17	169.5	97.4	69.1	128.9	103.6	146.2	131.8	147.9	132.5
Apr-17	103.1	92.6	63.5	116.0	89.0	134.1	122.3	150.6	118.7
May-17	111.8	97.6	69.7	125.4	98.3	142.9	128.6	158.1	126.8
Jun-17	107.6	94.1	69.3	119.4	107.3	138.0	132.0	147.4	121.7
Jul-17	98.5	96.4	72.2	119.3	108.6	131.0	118.7	151.8	120.1
Aug-17	101.2	95.1	69.5	121.6	115.4	139.0	117.3	155.4	123.0
Sep-17	103.3	92.0	68.8	122.7	105.3	138.7	119.8	153.1	122.5

Growth Rates (in per cent)

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Index
Weight	10.3335	8.9833	6.8768	28.0376	2.6276	17.9166	5.3720	19.8530	100.0000
Sep-16	-6.7	-4.1	-5.9	6.9	0.3	16.1	6.7	5.1	5.3
Oct-16	-1.9	-3.2	-1.5	12.6	0.7	17.4	6.2	3.0	7.1
Nov-16	6.1	-5.4	-2.1	-0.7	4.2	5.4	0.5	9.5	3.2
Dec-16	3.6	-0.8	-0.4	5.4	-2.9	15.9	-8.7	6.4	5.6
Jan-17	3.5	1.3	11.6	0.0	-1.2	11.3	-13.3	5.2	3.4
Feb-17	6.6	-3.4	-2.1	-2.8	-4.0	8.7	-15.8	1.2	0.6
Mar-17	10.6	0.9	9.6	2.0	-3.0	11.0	-6.8	6.2	5.2
Apr-17	-3.3	-0.6	2.0	0.2	6.2	9.0	-5.2	5.3	2.6
May-17	-3.2	0.7	4.5	5.4	-5.9	3.8	-1.4	8.2	3.9
Jun-17	-6.7	0.6	6.4	-0.2	-2.7	6.0	-3.3	2.2	1.0
Jul-17	0.6	-0.5	6.6	-2.7	0.2	9.2	-2.0	6.5	2.6
Aug-17	15.3	-1.6	4.2	2.4	-0.7	2.2	0.7	8.3	4.4
Sep-17	10.6	0.1	6.3	8.1	-7.7	3.7	0.1	5.2	5.2

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