

**Government of India**  
**Ministry of Commerce & Industry**  
**Department for Promotion of Industry & Internal Trade**  
**Office of the Economic Adviser**

**Index of Eight Core Industries (Base: 2011-12=100)**

**September, 2019**

1. The summary of the Index of Eight Core Industries (base: 2011-12) is given at the **Annexure**.
2. 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 stood at 120.6 in September, 2019, which declined by 5.2 per cent as compared to the index of September, 2018. Its cumulative growth during April to September, 2019-20 was 1.3 per cent.

**Coal**

3. Coal production (weight: 10.33 per cent) declined by 20.5 per cent in September, 2019 over September, 2018. Its cumulative index declined by 3.5 per cent during April to September, 2019-20 over corresponding period of the previous year.

**Crude Oil**

4. Crude Oil production (weight: 8.98 per cent) declined by 5.4 per cent in September, 2019 over September, 2018. Its cumulative index declined by 6.0 per cent during April to September, 2019-20 over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 6.88 per cent) declined by 4.9 per cent in September, 2019 over September, 2018. Its cumulative index declined by 2.0 per cent during April to September, 2019-20 over the corresponding period of previous year.

## **Refinery Products**

6. Petroleum Refinery production (weight: 28.04 per cent) declined by 6.7 per cent in September, 2019 over September, 2018. Its cumulative index declined by 2.0 per cent during April to September, 2019-20 over the corresponding period of previous year.

## **Fertilizers**

7. Fertilizers production (weight: 2.63 per cent) increased by 5.4 per cent in September, 2019 over September, 2018. Its cumulative index increased by 1.1 per cent during April to September, 2019-20 over the corresponding period of previous year.

## **Steel**

8. Steel production (weight: 17.92 per cent) declined by 0.3 per cent in September, 2019 over September, 2018. Its cumulative index increased by 8.5 per cent during April to September, 2019-20 over the corresponding period of previous year.

## **Cement**

9. Cement production (weight: 5.37 per cent) declined by 2.1 per cent in September, 2019 over September, 2018. Its cumulative index increased by 0.7 per cent during April to September, 2019-20 over the corresponding period of previous year.

## **Electricity**

10. Electricity generation (weight: 19.85 per cent) declined by 3.7 per cent in September, 2019 over September, 2018. Its cumulative index increased by 3.6 per cent during April to September, 2019-20 over the corresponding period of previous year.

*Note 1: Data for July, 2019, August, 2019 and September, 2019 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: Since March 2019, a new steel product called Hot Rolled Pickled and Oiled (HRPO) under the item 'Cold Rolled (CR) coils' within the production of finished steel has also been included.*

*Note 5: Release of the index for October, 2019 will be on Friday, 29<sup>th</sup> November, 2019.*

**Performance of Eight Core Industries**  
**Yearly Index & Growth Rate**  
 Base Year: 2011-12=100

**Index**

Sector	Weight	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Apr-Sep 2018-19	Apr-Sep 2019-20
Coal	10.3335	104.2	112.6	118.0	121.8	124.9	134.1	114.3	110.3
Crude Oil	8.9833	99.2	98.4	97.0	94.5	93.7	89.8	91.4	86.0
Natural Gas	6.8768	74.5	70.5	67.2	66.5	68.4	69.0	68.3	66.9
Refinery Products	28.0376	108.6	108.8	114.1	119.7	125.2	129.1	128.7	126.1
Fertilizers	2.6276	98.1	99.4	106.4	106.6	106.6	107.0	105.9	107.1
Steel	17.9166	115.8	121.7	120.2	133.1	140.5	147.7	142.1	154.2
Cement	5.3720	111.5	118.1	123.5	122.0	129.7	147.0	141.6	142.6
Electricity	19.8530	110.3	126.6	133.8	141.6	149.2	156.9	161.7	167.6
<b>Overall Index</b>	<b>100.0000</b>	<b>106.5</b>	<b>111.7</b>	<b>115.1</b>	<b>120.5</b>	<b>125.7</b>	<b>131.2</b>	<b>128.8</b>	<b>130.4</b>

**Growth Rates (in per cent)**

Sector	Weight	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	Apr-Sep 2018-19	Apr-Sep 2019-20
Coal	10.3335	1.0	8.0	4.8	3.2	2.6	7.4	9.6	-3.5
Crude Oil	8.9833	-0.2	-0.9	-1.4	-2.5	-0.9	-4.1	-3.4	-6.0
Natural Gas	6.8768	-12.9	-5.3	-4.7	-1.0	2.9	0.8	-0.8	-2.0
Refinery Products	28.0376	1.4	0.2	4.9	4.9	4.6	3.1	6.6	-2.0
Fertilizers	2.6276	1.5	1.3	7.0	0.2	0.03	0.3	1.8	1.1
Steel	17.9166	7.3	5.1	-1.3	10.7	5.6	5.1	3.5	8.5
Cement	5.3720	3.7	5.9	4.6	-1.2	6.3	13.3	14.4	0.7
Electricity	19.8530	6.1	14.8	5.7	5.8	5.3	5.2	6.2	3.6
<b>Overall Growth</b>	<b>100.0000</b>	<b>2.6</b>	<b>4.9</b>	<b>3.0</b>	<b>4.8</b>	<b>4.3</b>	<b>4.4</b>	<b>5.5</b>	<b>1.3</b>

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
<b>Weight</b>	10.3335	8.9833	6.8768	28.0376	2.6276	17.9166	5.3720	19.8530	<b>100.0000</b>
<b>Sep-18</b>	109.8	88.1	67.6	125.8	108.0	143.2	133.9	162.9	<b>127.2</b>
<b>Oct-18</b>	132.9	90.9	70.3	133.8	103.3	150.2	148.4	166.0	<b>134.8</b>
<b>Nov-18</b>	138.4	87.6	68.9	128.9	102.7	144.8	136.5	147.2	<b>128.3</b>
<b>Dec-18</b>	144.1	90.2	72.2	126.6	109.4	152.0	151.0	150.3	<b>131.5</b>
<b>Jan-19</b>	152.5	89.7	71.8	131.9	116.6	153.0	156.1	150.7	<b>134.5</b>
<b>Feb-19</b>	153.8	80.8	64.4	120.0	104.8	148.6	149.1	137.7	<b>125.9</b>
<b>Mar-19</b>	201.7	89.9	70.7	135.9	111.5	170.7	173.2	160.1	<b>146.5</b>
<b>Apr-19</b>	122.6	85.6	66.6	124.3	89.0	156.4	152.5	162.8	<b>130.7</b>
<b>May-19</b>	127.3	88.2	68.7	129.6	105.5	161.8	149.3	176.8	<b>137.0</b>
<b>Jun-19</b>	123.5	84.7	66.0	121.4	110.0	159.3	147.9	173.6	<b>132.8</b>
<b>Jul-19</b>	106.4	87.2	68.1	132.9	111.7	152.8	146.8	169.7	<b>132.7</b>
<b>Aug-19</b>	94.8	86.6	67.4	131.0	112.6	151.9	127.7	165.7	<b>128.9</b>
<b>Sep-19</b>	87.3	83.4	64.3	117.5	113.9	142.8	131.2	156.9	<b>120.6</b>

**Growth Rates (in per cent)**

Sector	Coal	Crude Oil	Natural Gas	Refinery Products	Fertilizers	Steel	Cement	Electricity	Overall Growth
<b>Weight</b>	10.3335	8.9833	6.8768	28.0376	2.6276	17.9166	5.3720	19.8530	<b>100.0000</b>
<b>Sep-18</b>	6.4	-4.2	-1.7	2.5	2.5	3.2	11.8	8.2	<b>4.3</b>
<b>Oct-18</b>	11.3	-5.0	-0.9	1.3	-11.5	2.4	18.4	10.9	<b>4.8</b>
<b>Nov-18</b>	3.7	-3.5	0.5	2.3	-8.1	5.3	8.8	5.1	<b>3.3</b>
<b>Dec-18</b>	1.1	-4.3	4.2	-4.8	-2.4	10.1	11.6	4.4	<b>2.1</b>
<b>Jan-19</b>	2.0	-4.3	6.2	-2.6	10.5	5.5	11.0	0.8	<b>1.5</b>
<b>Feb-19</b>	7.4	-6.1	3.8	-0.8	2.5	4.9	8.0	1.2	<b>2.2</b>
<b>Mar-19</b>	9.1	-6.2	1.4	4.3	4.3	11.5	15.7	2.1	<b>5.8</b>
<b>Apr-19</b>	3.2	-6.7	-0.8	4.3	-4.4	13.3	2.3	5.9	<b>5.2</b>
<b>May-19</b>	1.7	-6.9	-0.1	-1.5	-1.0	13.3	2.8	7.4	<b>3.8</b>
<b>Jun-19</b>	2.9	-6.8	-2.1	-9.3	1.5	10.8	-1.9	8.6	<b>1.2</b>
<b>Jul-19</b>	-1.6	-4.4	-0.5	-0.9	1.5	8.9	7.9	4.7	<b>2.7</b>
<b>Aug-19</b>	-8.6	-5.4	-3.9	2.6	2.9	5.1	-5.1	-0.9	<b>0.1</b>
<b>Sep-19</b>	-20.5	-5.4	-4.9	-6.7	5.4	-0.3	-2.1	-3.7	<b>-5.2</b>

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