

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

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

November, 2017

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 stands at 123.9 in November, 2017, which was 6.8 per cent **higher** as compared to the index of November, 2016. Its cumulative growth during April to November, 2017-18 was 3.9 per cent.

Coal

3. Coal production (weight: 10.33 per cent) declined by 0.2 per cent in November, 2017 over November, 2016. Its cumulative index increased by 1.5 per cent during April to November, 2017-18 over corresponding period of the previous year.

Crude Oil

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

Natural Gas

5. The Natural Gas production (weight: 6.88 per cent) increased by 2.4 per cent in November, 2017 over November, 2016. Its cumulative index increased by 4.4 per cent during April to November, 2017-18 over the corresponding period of previous year.

Refinery Products

6. Petroleum Refinery production (weight: 28.04 per cent) increased by 8.2 per cent in November, 2017 over November, 2016. Its cumulative index increased by 3.6 per cent during April to November, 2017-18 over the corresponding period of previous year.

Fertilizers

7. Fertilizer production (weight: 2.63 per cent) increased by 0.3 per cent in November, 2017 over November, 2016. Its cumulative index declined by 1.1 per cent during April to November, 2017-18 over the corresponding period of previous year.

Steel

8. Steel production (weight: 17.92 per cent) increased by 16.6 per cent in November, 2017 over November, 2016. Its cumulative index increased by 7.2 per cent during April to November, 2017-18 over the corresponding period of previous year.

Cement

9. Cement production (weight: 5.37 per cent) increased by 17.3 per cent in November, 2017 over November, 2016. Its cumulative index increased by 0.6 per cent during April to November, 2017-18 over the corresponding period of previous year.

Electricity

10. Electricity generation (weight: 19.85 per cent) increased by 1.9 per cent in November, 2017 over November, 2016. Its cumulative index increased by 4.9 per cent during April to November, 2017-18 over the corresponding period of previous year.

Note 1: Data for September, 2017, October, 2017 and November, 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 December, 2017 will be on Wednesday, 31st January, 2018.

Annexure

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

Index

| Sector | Weight | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | Apr-Nov 2016-17 | Apr-Nov 2017-18 |
|----------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------------------|----------------------------|
| Coal | 10.3335 | 103.2 | 104.2 | 112.6 | 118.0 | 121.8 | 108.0 | 109.6 |
| Crude Oil | 8.9833 | 99.4 | 99.2 | 98.4 | 97.0 | 94.5 | 94.5 | 94.3 |
| Natural Gas | 6.8768 | 85.6 | 74.5 | 70.5 | 67.2 | 66.5 | 66.1 | 69.1 |
| Refinery Products | 28.0376 | 107.2 | 108.6 | 108.8 | 114.1 | 119.7 | 118.6 | 122.8 |
| Fertilizers | 2.6276 | 96.7 | 98.1 | 99.4 | 106.4 | 106.6 | 107.8 | 106.6 |
| Steel | 17.9166 | 107.9 | 115.8 | 121.7 | 120.2 | 133.1 | 129.5 | 138.8 |
| Cement | 5.3720 | 107.5 | 111.5 | 118.1 | 123.5 | 122.0 | 123.4 | 124.2 |
| Electricity | 19.8530 | 104.0 | 110.3 | 126.6 | 133.8 | 141.6 | 143.1 | 150.1 |
| Overall Index | 100.0000 | 103.8 | 106.5 | 111.7 | 115.1 | 120.5 | 118.5 | 123.1 |

Growth Rates (in per cent)

| Sector | Weight | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | Apr-Nov 2016-17 | Apr-Nov 2017-18 |
|----------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------------------|----------------------------|
| Coal | 10.3335 | 3.2 | 1.0 | 8.0 | 4.8 | 3.2 | 1.2 | 1.5 |
| Crude Oil | 8.9833 | -0.6 | -0.2 | -0.9 | -1.4 | -2.5 | -3.5 | -0.2 |
| Natural Gas | 6.8768 | -14.4 | -12.9 | -5.3 | -4.7 | -1.0 | -3.6 | 4.4 |
| Refinery Products | 28.0376 | 7.2 | 1.4 | 0.2 | 4.9 | 4.9 | 6.9 | 3.6 |
| Fertilizers | 2.6276 | -3.3 | 1.5 | 1.3 | 7.0 | 0.2 | 1.7 | -1.1 |
| Steel | 17.9166 | 7.9 | 7.3 | 5.1 | -1.3 | 10.7 | 10.2 | 7.2 |
| Cement | 5.3720 | 7.5 | 3.7 | 5.9 | 4.6 | -1.2 | 4.4 | 0.6 |
| Electricity | 19.8530 | 4.0 | 6.1 | 14.8 | 5.7 | 5.8 | 6.4 | 4.9 |
| Overall Index | 100.0000 | 3.8 | 2.6 | 4.9 | 3.0 | 4.8 | 5.3 | 3.9 |

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 |
| 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 | 119.4 | 108.6 | 131.3 | 122.4 | 151.9 | 120.4 |
| Aug-17 | 101.3 | 95.1 | 69.5 | 121.6 | 115.4 | 139.0 | 117.3 | 155.4 | 123.0 |
| Sep-17 | 103.1 | 92.0 | 68.8 | 122.7 | 105.3 | 138.7 | 119.8 | 150.5 | 122.0 |
| Oct-17 | 119.4 | 95.7 | 71.0 | 132.1 | 116.8 | 146.5 | 125.2 | 149.8 | 128.6 |
| Nov-17 | 132.2 | 90.8 | 68.5 | 126.0 | 111.8 | 140.1 | 125.9 | 137.4 | 123.9 |

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 |
| 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 | 9.4 | 1.0 | 6.6 | 2.9 |
| Aug-17 | 15.4 | -1.6 | 4.2 | 2.4 | -0.6 | 2.2 | 0.7 | 8.3 | 4.4 |
| Sep-17 | 10.4 | 0.1 | 6.3 | 8.1 | -7.7 | 3.7 | 0.1 | 3.4 | 4.7 |
| Oct-17 | 3.9 | -0.4 | 2.8 | 7.5 | 3.0 | 8.4 | -1.3 | 3.2 | 5.0 |
| Nov-17 | -0.2 | 0.2 | 2.4 | 8.2 | 0.3 | 16.6 | 17.3 | 1.9 | 6.8 |
