

**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)**

**July, 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 131.9 in July, 2019, which was 2.1 per cent **higher** as compared to the index of July, 2018. Its cumulative growth during April to July, 2019-20 was 3.0 per cent.

**Coal**

3. Coal production (weight: 10.33 per cent) declined by 1.4 per cent in July, 2019 over July, 2018. Its cumulative index increased by 1.8 per cent during April to July, 2019-20 over corresponding period of the previous year.

**Crude Oil**

4. Crude Oil production (weight: 8.98 per cent) declined by 4.4 per cent in July, 2019 over July, 2018. Its cumulative index declined by 6.2 per cent during April to July, 2019-20 over the corresponding period of previous year.

**Natural Gas**

5. The Natural Gas production (weight: 6.88 per cent) declined by 0.5 per cent in July, 2019 over July, 2018. Its cumulative index declined by 0.8 per cent during April to July, 2019-20 over the corresponding period of previous year.

## **Refinery Products**

6. Petroleum Refinery production (weight: 28.04 per cent) declined by 0.9 per cent in July, 2019 over July, 2018. Its cumulative index declined by 2.0 per cent during April to July, 2019-20 over the corresponding period of previous year.

## **Fertilizers**

7. Fertilizers production (weight: 2.63 per cent) increased by 1.5 per cent in July, 2019 over July, 2018. Its cumulative index declined by 0.4 per cent during April to July, 2019-20 over the corresponding period of previous year.

## **Steel**

8. Steel production (weight: 17.92 per cent) increased by 6.6 per cent in July, 2019 over July, 2018. Its cumulative index increased by 10.9 per cent during April to July, 2019-20 over the corresponding period of previous year.

## **Cement**

9. Cement production (weight: 5.37 per cent) increased by 7.9 per cent in July, 2019 over July, 2018. Its cumulative index increased by 2.7 per cent during April to July, 2019-20 over the corresponding period of previous year.

## **Electricity**

10. Electricity generation (weight: 19.85 per cent) increased by 4.2 per cent in July, 2019 over July, 2018. Its cumulative index increased by 6.4 per cent during April to July, 2019-20 over the corresponding period of previous year.

*Note 1: Data for May, 2019, June, 2019 and July, 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 August, 2019 will be on Monday, 30<sup>th</sup> September, 2019.*

## Annexure

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

#### **Index**

| <b>Sector</b>        | <b>Weight</b>   | <b>2013-14</b> | <b>2014-15</b> | <b>2015-16</b> | <b>2016-17</b> | <b>2017-18</b> | <b>2018-19</b> | <b>Apr-Jul 2018-19</b> | <b>Apr-Jul 2019-20</b> |
|----------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|
| Coal                 | 10.3335         | 104.2          | 112.6          | 118.0          | 121.8          | 124.9          | 134.1          | 118.0                  | 120.2                  |
| Crude Oil            | 8.9833          | 99.2           | 98.4           | 97.0           | 94.5           | 93.7           | 89.8           | 92.2                   | 86.4                   |
| Natural Gas          | 6.8768          | 74.5           | 70.5           | 67.2           | 66.5           | 68.4           | 69.0           | 67.9                   | 67.4                   |
| Refinery Products    | 28.0376         | 108.6          | 108.8          | 114.1          | 119.7          | 125.2          | 129.1          | 129.7                  | 127.0                  |
| Fertilizers          | 2.6276          | 98.1           | 99.4           | 106.4          | 106.6          | 106.6          | 107.0          | 104.5                  | 104.0                  |
| Steel                | 17.9166         | 115.8          | 121.7          | 120.2          | 133.1          | 140.5          | 147.7          | 141.2                  | 156.6                  |
| Cement               | 5.3720          | 111.5          | 118.1          | 123.5          | 122.0          | 129.7          | 147.0          | 145.3                  | 149.2                  |
| Electricity          | 19.8530         | 110.3          | 126.6          | 133.8          | 141.6          | 149.2          | 156.9          | 160.1                  | 170.4                  |
| <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>129.1</b>           | <b>133.1</b>           |

#### **Growth Rates (in per cent)**

| <b>Sector</b>        | <b>Weight</b>   | <b>2013-14</b> | <b>2014-15</b> | <b>2015-16</b> | <b>2016-17</b> | <b>2017-18</b> | <b>2018-19</b> | <b>Apr-Jul 2018-19</b> | <b>Apr-Jul 2019-20</b> |
|----------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------------|------------------------|
| Coal                 | 10.3335         | 1.0            | 8.0            | 4.8            | 3.2            | 2.6            | 7.4            | 12.1                   | 1.8                    |
| Crude Oil            | 8.9833          | -0.2           | -0.9           | -1.4           | -2.5           | -0.9           | -4.1           | -3.2                   | -6.2                   |
| Natural Gas          | 6.8768          | -12.9          | -5.3           | -4.7           | -1.0           | 2.9            | 0.8            | -1.1                   | -0.8                   |
| Refinery Products    | 28.0376         | 1.4            | 0.2            | 4.9            | 4.9            | 4.6            | 3.1            | 8.0                    | -2.0                   |
| Fertilizers          | 2.6276          | 1.5            | 1.3            | 7.0            | 0.2            | 0.03           | 0.3            | 3.7                    | -0.4                   |
| Steel                | 17.9166         | 7.3            | 5.1            | -1.3           | 10.7           | 5.6            | 5.1            | 3.4                    | 10.9                   |
| Cement               | 5.3720          | 3.7            | 5.9            | 4.6            | -1.2           | 6.3            | 13.3           | 15.0                   | 2.7                    |
| Electricity          | 19.8530         | 6.1            | 14.8           | 5.7            | 5.8            | 5.3            | 5.2            | 5.3                    | 6.4                    |
| <b>Overall Index</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>5.9</b>             | <b>3.0</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>Jul-18</b> | 108.1   | 91.2      | 68.5        | 134.1             | 110.0       | 140.3   | 136.0  | 162.1       | <b>129.2</b>    |
| <b>Aug-18</b> | 103.8   | 91.6      | 70.2        | 127.7             | 109.4       | 144.5   | 134.5  | 167.2       | <b>128.8</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> | 127.6   | 88.2      | 68.7        | 129.6             | 105.5       | 164.7   | 149.3  | 176.9       | <b>137.6</b>    |
| <b>Jun-19</b> | 123.8   | 84.7      | 66.0        | 121.4             | 110.0       | 155.8   | 148.2  | 172.9       | <b>132.1</b>    |
| <b>Jul-19</b> | 106.7   | 87.2      | 68.1        | 132.9             | 111.7       | 149.5   | 146.8  | 168.9       | <b>131.9</b>    |

**Growth Rates (in per cent)**

| 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>Jul-18</b> | 9.8     | -5.4      | -5.2        | 12.3              | 1.3         | 6.9     | 11.2   | 6.7         | <b>7.3</b>      |
| <b>Aug-18</b> | 2.4     | -3.7      | 1.0         | 5.1               | -5.3        | 4.0     | 14.6   | 7.6         | <b>4.7</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> | 1.9     | -6.9      | 0.0         | -1.5              | -1.0        | 15.3    | 2.8    | 7.4         | <b>4.3</b>      |
| <b>Jun-19</b> | 3.2     | -6.8      | -2.1        | -9.3              | 1.5         | 8.4     | -1.7   | 8.1         | <b>0.7</b>      |
| <b>Jul-19</b> | -1.4    | -4.4      | -0.5        | -0.9              | 1.5         | 6.6     | 7.9    | 4.2         | <b>2.1</b>      |

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