

## **Indexes of Industrial Production**

[Table 1](#) **Industrial Production Indexes and Comparison - By Major Divisions**

[Table 2](#) **Industrial Production Indexes and Comparison - By Sectors**

Table1 Industrial Production Indexes and Comparison - By Major Divisions

2016 =100

| Period  | Industry | Seasonally Adjusted | Mining & Quarrying | Manu-<br>facturing | By Usage           |                  |                |                | Electricity & Gas Supply | Water Supply | Movement of Manu-<br>facturing<br>Production Index |
|---|----------|---------------------|--------------------|--------------------|--------------------|------------------|----------------|----------------|--------------------------|--------------|--|
|   |          |                     |                    |                    | Final Demand Goods | Investment Goods | Consumer Goods | Producer Goods |                          |              |  |
|   |          |                     |                    |                    |                    |                  |                |                |                          |              |  |
| 2019 Weights (%)  | 1000.00  | 1000.00             | 2.93               | 919.61             | 206.77             | 84.19            | 122.58         | 712.83         | 71.10                    | 6.36         | -  |
| 2014  | 99.34    | 99.34               | 118.44             | 99.28              | 100.32             | 101.53           | 99.52          | 98.99          | 99.08                    | 101.82       | -  |
| 2015  | 98.07    | 98.07               | 110.70             | 98.13              | 100.04             | 102.81           | 98.22          | 97.61          | 96.68                    | 99.50        | -  |
| 2016  | 100.00   | 100.00              | 100.00             | 100.00             | 100.00             | 100.00           | 100.00         | 100.00         | 100.00                   | 100.00       | -  |
| 2017  | 105.00   | 105.00              | 98.00              | 105.27             | 104.10             | 105.15           | 103.41         | 105.60         | 102.22                   | 101.30       | -  |
| 2018  | 108.83   | 108.83              | 94.42              | 109.41             | 108.21             | 113.82           | 104.64         | 109.74         | 102.62                   | 101.39       | -  |
| 2019  | 108.45   | 108.45              | 90.96              | 108.92             | 112.60             | 120.85           | 107.38         | 107.99         | 103.79                   | 101.75       | -  |
| Oct.  | 113.95   | 110.39              | 96.72              | 114.69             | 118.13             | 121.40           | 115.98         | 113.82         | 106.00                   | 103.87       | 48.85  |
| Nov.  | 114.05   | 111.99              | 97.50              | 115.51             | 118.87             | 124.74           | 115.12         | 114.66         | 96.94                    | 101.43       | 48.96  |
| Dec.  | 117.44   | 112.98              | 106.47             | 119.12             | 127.86             | 135.97           | 122.72         | 116.88         | 96.99                    | 106.24       | 41.34  |
| 2020  |          |                     |                    |                    |                    |                  |                |                |                          |              |  |
| Jan.  | 104.94   | 117.09              | 90.06              | 105.97             | 96.85              | 104.34           | 92.12          | 108.60         | 92.74                    | 103.40       | 47.61  |
| Feb.  | 103.30   | 111.32              | 98.91              | 104.28             | 98.59              | 105.15           | 94.43          | 105.95         | 91.83                    | 94.95        | 52.65  |
| Mar.  | 115.88   | 112.13              | 108.44             | 117.31             | 114.34             | 128.67           | 105.41         | 118.24         | 99.46                    | 102.89       | 44.86  |
| Apr.  | 108.03   | 112.68              | 111.18             | 109.17             | 109.08             | 123.39           | 100.17         | 109.28         | 94.22                    | 100.12       | 47.04  |
| May   | 110.36   | 111.83              | 111.59             | 110.61             | 110.91             | 126.22           | 101.38         | 110.62         | 107.49                   | 103.54       | 51.13  |
| June  | 114.31   | 113.34              | 106.57             | 114.43             | 114.68             | 129.69           | 105.34         | 114.46         | 113.98                   | 102.02       | 50.91  |
| July  | 116.82   | 113.17              | 106.21             | 116.52             | 122.14             | 135.22           | 113.96         | 115.04         | 121.85                   | 105.82       | 51.85  |
| Aug.  | 119.73   | 116.13              | 101.61             | 120.07             | 117.60             | 129.35           | 110.24         | 120.85         | 117.40                   | 105.00       | 51.27  |
| Sep.(r)   | 123.73   | 119.40              | 106.18             | 124.93             | 123.67             | 139.69           | 113.69         | 125.38         | 111.45                   | 101.95       | 49.80  |
| Oct.(p)   | 122.00   | 118.73              | 100.10             | 123.44             | 118.04             | 130.82           | 109.99         | 125.00         | 106.66                   | 105.51       | 50.85  |
| Compared with Last Month (%)                                      | -1.40    | -0.56               | -5.73              | -1.19              | -4.55              | -6.35            | -3.25          | -0.30          | -4.30                    | 3.49         | (1.05)   |
| Compared with the same Month of last year (%)                     | 7.06     | 7.56                | 3.49               | 7.63               | -0.08              | 7.76             | -5.16          | 9.82           | 0.62                     | 1.58         | --   |
| Jan.-Current Month Compared with the Same Period of Last Year (%) | 6.47     | 6.44                | 17.28              | 6.93               | 1.95               | 5.31             | -0.38          | 8.37           | 0.53                     | 1.17         | --   |

Table1 Industrial Production Indexes and Comparison - By Major Divisions

Annual Change Rate (%)

| Period  | Industry | Seasonally Adjusted (Monthly Change) | Mining & Quarrying | Manu-<br>facturing | By Usage           |                  |                |                | Electricity & Gas Supply | Water Supply | Movement of Manu-<br>facturing<br>Production Index |
|---------|----------|--------------------------------------|--------------------|--------------------|--------------------|------------------|----------------|----------------|--------------------------|--------------|--|
|         |          |                                      |                    |                    | Final Demand Goods | Investment Goods | Consumer Goods | Producer Goods |                          |              |  |
|         |          |                                      |                    |                    |                    |                  |                |                |                          |              |  |
| 2014    | 6.41     | 6.41                                 | 1.17               | 6.83               | 4.39               | 6.94             | 2.79           | 7.48           | 1.51                     | 0.52         | --   |
| 2015    | -1.28    | -1.28                                | -6.53              | -1.16              | -0.28              | 1.26             | -1.31          | -1.39          | -2.42                    | -2.28        | --   |
| 2016    | 1.97     | 1.97                                 | -9.67              | 1.91               | -0.04              | -2.73            | 1.81           | 2.45           | 3.43                     | 0.50         | --   |
| 2017    | 5.00     | 5.00                                 | -2.00              | 5.27               | 4.10               | 5.15             | 3.41           | 5.60           | 2.22                     | 1.30         | --   |
| 2018    | 3.65     | 3.65                                 | -3.65              | 3.93               | 3.95               | 8.25             | 1.19           | 3.92           | 0.39                     | 0.09         | --   |
| 2019    | -0.35    | -0.35                                | -3.66              | -0.45              | 4.06               | 6.18             | 2.62           | -1.59          | 1.14                     | 0.36         | --   |
| Oct.    | -2.57    | 1.50                                 | -5.28              | -2.98              | 2.03               | -0.10            | 3.44           | -4.25          | 2.99                     | 3.99         | (-1.86)  |
| Nov.    | 1.98     | 1.45                                 | 0.44               | 2.11               | 3.37               | 2.53             | 3.94           | 1.81           | -0.51                    | 5.95         | (0.11)   |
| Dec.    | 6.29     | 0.88                                 | 0.41               | 6.66               | 9.74               | 5.42             | 13.02          | 5.89           | 1.01                     | 2.72         | (-7.62)  |
| 2020    |          |                                      |                    |                    |                    |                  |                |                |                          |              |  |
| Jan.    | -2.11    | 3.64                                 | -8.32              | -1.93              | -18.08             | -16.73           | -18.99         | 3.02           | -4.42                    | 1.27         | (6.27)   |
| Feb.    | 20.69    | -4.93                                | 39.11              | 21.48              | 21.55              | 16.76            | 25.07          | 21.67          | 11.24                    | 3.74         | (5.04)   |
| Mar.    | 11.18    | 0.73                                 | 18.94              | 11.93              | 4.88               | 7.70             | 2.88           | 13.98          | 1.96                     | 1.89         | (-7.79)  |
| Apr.    | 4.22     | 0.49                                 | 25.47              | 4.92               | -1.95              | 0.86             | -3.95          | 6.93           | -5.50                    | -0.18        | (2.18)   |
| May     | 1.68     | -0.75                                | 16.62              | 1.83               | -4.24              | 0.23             | -7.38          | 3.62           | -1.03                    | -0.10        | (4.09)   |
| June    | 7.19     | 1.35                                 | 24.19              | 7.63               | 4.26               | 6.59             | 2.60           | 8.61           | 1.54                     | -0.09        | (-0.22)  |
| July    | 2.75     | -0.15                                | 16.28              | 2.79               | 2.63               | 7.14             | -0.41          | 2.80           | 1.43                     | 1.51         | (0.94)   |
| Aug.    | 3.60     | 2.62                                 | 21.64              | 4.06               | 2.17               | 4.58             | 0.51           | 4.65           | -2.76                    | 1.43         | (-0.58)  |
| Sep.(r) | 11.62    | 2.82                                 | 24.46              | 12.24              | 15.86              | 23.24            | 10.86          | 11.43          | 4.17                     | 0.95         | (-1.47)  |
| Oct.(p) | 7.06     | -0.56                                | 3.49               | 7.63               | -0.08              | 7.76             | -5.16          | 9.82           | 0.62                     | 1.58         | (1.05)   |

Note: 1. Movement of manufacturing production index = (The ratio of firms that expect increasing next month + The ratio of firms that expect unbiased next month × 0.5) × 100

2. ( ) is the monthly percentage point change of movement of manufacturing production index.

Table2 Industrial Production Indexes and Comparison - By Sectors(1/3)

2016 =100

| Period   | C<br>Manu-<br>facturing | 08<br>Food &<br>Prepared<br>Animal Feeds | 09<br>Beverages | 10<br>Tobacco<br>Products | 11<br>Textiles | 12<br>Wearing<br>Apparel<br>& Clothing<br>Accessories | 13<br>Leather,<br>Fur &<br>Related<br>Products | 14<br>Wood &<br>Bamboo<br>Products | 15<br>Pulp,<br>Paper &<br>Paper<br>Products | 16<br>Printing &<br>Reproduction<br>of Recorded<br>Media |
|--|-------------------------|--|-----------------|---------------------------|----------------|---|--|------------------------------------|---|--|
| 2019 Weights (%)   | 919.61                  | 26.17                                    | 9.08            | 16.68                     | 14.42          | 1.10  | 0.56   | 0.78                               | 9.10  | 5.36   |
| 2014   | <b>99.28</b>            | <b>95.47</b>                             | <b>102.60</b>   | <b>81.37</b>              | <b>103.59</b>  | <b>114.11</b>   | <b>159.60</b>                                  | <b>103.61</b>                      | <b>100.83</b>                               | <b>104.16</b>  |
| 2015   | <b>98.13</b>            | <b>96.36</b>                             | <b>101.57</b>   | <b>81.04</b>              | <b>104.74</b>  | <b>105.97</b>   | <b>122.11</b>                                  | <b>100.88</b>                      | <b>98.91</b>                                | <b>101.74</b>  |
| 2016   | <b>100.00</b>           | <b>100.00</b>                            | <b>100.00</b>   | <b>100.00</b>             | <b>100.00</b>  | <b>100.00</b>   | <b>100.00</b>                                  | <b>100.00</b>                      | <b>100.00</b>                               | <b>100.00</b>  |
| 2017   | <b>105.27</b>           | <b>100.57</b>                            | <b>102.81</b>   | <b>119.06</b>             | <b>97.84</b>   | <b>89.27</b>  | <b>103.83</b>                                  | <b>103.34</b>                      | <b>100.22</b>                               | <b>96.97</b>   |
| 2018   | <b>109.41</b>           | <b>102.15</b>                            | <b>99.27</b>    | <b>116.03</b>             | <b>94.79</b>   | <b>81.29</b>  | <b>97.44</b>                                   | <b>107.43</b>                      | <b>101.32</b>                               | <b>95.28</b>   |
| 2019   | <b>108.92</b>           | <b>105.95</b>                            | <b>94.15</b>    | <b>114.52</b>             | <b>90.02</b>   | <b>79.47</b>  | <b>99.20</b>                                   | <b>99.87</b>                       | <b>100.74</b>                               | <b>84.73</b>   |
| Oct.   | 114.69                  | 108.25                                   | 93.88           | 123.30                    | 92.47          | 77.09   | 100.88   | 107.15                             | 104.63                                      | 93.66  |
| Nov.   | 115.51                  | 106.12                                   | 86.47           | 140.05                    | 86.96          | 77.60   | 100.05   | 104.73                             | 102.39                                      | 99.15  |
| Dec.   | 119.12                  | 113.82                                   | 101.82          | 153.63                    | 87.92          | 92.95   | 96.67  | 107.51                             | 108.53                                      | 104.73   |
| 2020   |                         |  |                 |                           |                |   |  |                                    |   |  |
| Jan.   | 105.97                  | 104.73                                   | 78.35           | 73.62                     | 75.22          | 64.13   | 83.64  | 88.70                              | 92.42                                       | 74.22  |
| Feb.   | 104.28                  | 94.95                                    | 73.62           | 99.45                     | 86.56          | 61.93   | 81.07  | 99.97                              | 98.34                                       | 71.27  |
| Mar.   | 117.31                  | 107.32                                   | 92.25           | 93.81                     | 93.39          | 65.15   | 91.80  | 104.52                             | 110.61                                      | 79.60  |
| Apr.   | 109.17                  | 102.45                                   | 92.21           | 100.33                    | 63.59          | 57.48   | 63.81  | 93.37                              | 102.44                                      | 77.86  |
| May  | 110.61                  | 100.86                                   | 103.99          | 115.10                    | 60.08          | 63.88   | 61.08  | 87.44                              | 92.70                                       | 71.85  |
| June   | 114.43                  | 101.29                                   | 108.19          | 109.50                    | 64.50          | 70.82   | 69.47  | 90.83                              | 91.62                                       | 70.55  |
| July   | 116.52                  | 112.85                                   | 120.63          | 113.38                    | 70.27          | 71.13   | 68.50  | 102.57                             | 101.65                                      | 88.62  |
| Aug.   | 120.07                  | 111.84                                   | 106.52          | 122.24                    | 80.20          | 68.16   | 66.32  | 92.95                              | 98.81                                       | 83.93  |
| Sep.(r)  | 124.93                  | 106.30                                   | 111.97          | 106.46                    | 84.13          | 64.63   | 86.07  | 99.94                              | 103.84                                      | 85.62  |
| Oct.(p)  | 123.44                  | 101.51                                   | 97.80           | 113.51                    | 84.54          | 71.59   | 72.17  | 94.77                              | 99.33                                       | 88.28  |
| Compared with<br>Last Month (%)  | -1.19                   | -4.51                                    | -12.66          | 6.62                      | 0.49           | 10.77   | -16.15   | -5.17                              | -4.34                                       | 3.11   |
| Compared with<br>the same Month<br>of last year (%)                        | 7.63                    | -6.23                                    | 4.18            | -7.94                     | -8.58          | -7.13   | -28.46   | -11.55                             | -5.07                                       | -5.74  |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | 6.93                    | -0.70                                    | 4.67            | -3.06                     | -15.78         | -15.86  | -25.14   | -3.15                              | -0.61                                       | -2.58  |

Table2 Industrial Production Indexes and Comparison - By Sectors(1/3)

Annual Change Rate (%)

| Period  | C<br>Manu-<br>facturing | 08<br>Food &<br>Prepared<br>Animal Feeds | 09<br>Beverages | 10<br>Tobacco<br>Products | 11<br>Textiles | 12<br>Wearing<br>Apparel<br>& Clothing<br>Accessories | 13<br>Leather,<br>Fur &<br>Related<br>Products | 14<br>Wood &<br>Bamboo<br>Products | 15<br>Pulp,<br>Paper &<br>Paper<br>Products | 16<br>Printing &<br>Reproduction<br>of Recorded<br>Media |
|---------|-------------------------|--|-----------------|---------------------------|----------------|---|--|------------------------------------|---|--|
| 2014    | <b>6.83</b>             | <b>0.28</b>                              | <b>1.09</b>     | <b>-0.90</b>              | <b>1.68</b>    | <b>-1.49</b>  | <b>-0.37</b>                                   | <b>7.59</b>                        | <b>2.55</b>                                 | <b>-1.74</b>   |
| 2015    | <b>-1.16</b>            | <b>0.93</b>                              | <b>-1.00</b>    | <b>-0.41</b>              | <b>1.11</b>    | <b>-7.13</b>  | <b>-23.49</b>                                  | <b>-2.63</b>                       | <b>-1.90</b>                                | <b>-2.32</b>   |
| 2016    | <b>1.91</b>             | <b>3.78</b>                              | <b>-1.55</b>    | <b>23.40</b>              | <b>-4.53</b>   | <b>-5.63</b>  | <b>-18.11</b>                                  | <b>-0.87</b>                       | <b>1.10</b>                                 | <b>-1.71</b>   |
| 2017    | <b>5.27</b>             | <b>0.57</b>                              | <b>2.81</b>     | <b>19.06</b>              | <b>-2.16</b>   | <b>-10.73</b>   | <b>3.83</b>                                    | <b>3.34</b>                        | <b>0.22</b>                                 | <b>-3.03</b>   |
| 2018    | <b>3.93</b>             | <b>1.57</b>                              | <b>-3.44</b>    | <b>-2.54</b>              | <b>-3.12</b>   | <b>-8.94</b>  | <b>-6.15</b>                                   | <b>3.96</b>                        | <b>1.10</b>                                 | <b>-1.74</b>   |
| 2019    | <b>-0.45</b>            | <b>3.72</b>                              | <b>-5.16</b>    | <b>-1.30</b>              | <b>-5.03</b>   | <b>-2.24</b>  | <b>1.81</b>                                    | <b>-7.04</b>                       | <b>-0.57</b>                                | <b>-11.07</b>  |
| Oct.    | -2.98                   | 4.20                                     | -12.09          | -1.00                     | -4.36          | -10.36  | 2.62   | -5.66                              | -0.64                                       | -15.28   |
| Nov.    | 2.11                    | 2.84                                     | -16.02          | 4.51                      | -7.35          | -0.21   | 15.58  | -4.59                              | -0.57                                       | -10.07   |
| Dec.    | 6.66                    | 4.32                                     | 16.07           | 14.83                     | -1.50          | 9.55  | -2.40  | 2.11                               | 6.69  | -0.67  |
| 2020    |                         |  |                 |                           |                |   |  |                                    |   |  |
| Jan.    | -1.93                   | -14.06                                   | -24.04          | -33.86                    | -25.88         | -19.41  | -26.37   | -22.74                             | -16.91                                      | -17.09   |
| Feb.    | 21.48                   | 19.21                                    | 13.72           | 14.34                     | 19.66          | 6.46  | 14.30  | 38.62                              | 23.98                                       | 23.99  |
| Mar.    | 11.93                   | 4.05                                     | 9.59            | -16.15                    | -2.88          | -6.37   | -14.49   | 7.62                               | 8.07  | -4.46  |
| Apr.    | 4.92                    | 0.63                                     | 1.22            | -11.72                    | -32.00         | -27.04  | -44.67   | -4.44                              | 5.72  | -7.68  |
| May     | 1.83                    | -7.68                                    | 0.76            | 13.28                     | -37.02         | -33.46  | -44.31   | -8.74                              | -11.61                                      | -12.11   |
| June    | 7.63                    | 0.49                                     | 17.53           | 1.17                      | -21.78         | -20.64  | -29.38   | -4.13                              | -3.92                                       | -7.54  |
| July    | 2.79                    | -2.43                                    | 9.69            | -6.51                     | -22.79         | -17.24  | -29.03   | -1.01                              | -3.73                                       | 4.65   |
| Aug.    | 4.06                    | 0.84                                     | 3.64            | 10.56                     | -13.86         | -14.34  | -29.75   | -8.98                              | -2.54                                       | 0.78   |
| Sep.(r) | 12.24                   | 6.11                                     | 16.09           | 16.05                     | -3.76          | -6.50   | -0.63  | -1.00                              | 7.86  | 9.06   |
| Oct.(p) | 7.63                    | -6.23                                    | 4.18            | -7.94                     | -8.58          | -7.13   | -28.46   | -11.55                             | -5.07                                       | -5.74  |

Table2 Industrial Production Indexes and Comparison - By Sectors(2/3)

2016=100

| Period   | 17<br>Petroleum<br>& Coal<br>Products | 18<br>Chemical, Fertilizers,<br>Nitrogen Compounds,<br>Plastic & Rubber,<br>Man-made Fibres | 19<br>Other<br>Chemical<br>Products | 20<br>Pharmaceuticals<br>& Medicinal<br>Chemical<br>Products | 21<br>Rubber<br>Products | 22<br>Plastic<br>Products | 23<br>Other<br>Non-metallic<br>Mineral<br>Products | 24<br>Basic<br>Metal | 25<br>Fabricated<br>Metal<br>Products | 26<br>Electronic<br>Parts &<br>Components |
|--|---------------------------------------|---|-------------------------------------|--|--------------------------|---------------------------|--|----------------------|---------------------------------------|---|
| 2019 Weights (%)   | 52.99                                 | 62.20   | 16.07                               | 8.41   | 7.93                     | 15.67                     | 10.92  | 53.26                | 40.33                                 | 395.21                                    |
| 2014   | <b>98.77</b>                          | <b>100.41</b>   | <b>99.65</b>                        | <b>92.03</b>   | <b>106.97</b>            | <b>105.15</b>             | <b>112.12</b>                                      | <b>102.75</b>        | <b>105.99</b>                         | <b>96.75</b>                              |
| 2015   | <b>98.99</b>                          | <b>99.80</b>  | <b>101.52</b>                       | <b>95.51</b>   | <b>106.41</b>            | <b>101.96</b>             | <b>108.57</b>                                      | <b>96.01</b>         | <b>101.40</b>                         | <b>95.55</b>                              |
| 2016   | <b>100.00</b>                         | <b>100.00</b>   | <b>100.00</b>                       | <b>100.00</b>  | <b>100.00</b>            | <b>100.00</b>             | <b>100.00</b>                                      | <b>100.00</b>        | <b>100.00</b>                         | <b>100.00</b>                             |
| 2017   | <b>95.20</b>                          | <b>102.67</b>   | <b>107.98</b>                       | <b>99.12</b>   | <b>102.79</b>            | <b>101.95</b>             | <b>97.49</b>                                       | <b>102.73</b>        | <b>100.03</b>                         | <b>108.20</b>                             |
| 2018   | <b>97.95</b>                          | <b>104.56</b>   | <b>110.94</b>                       | <b>102.40</b>  | <b>99.38</b>             | <b>104.01</b>             | <b>100.52</b>                                      | <b>105.08</b>        | <b>100.43</b>                         | <b>113.97</b>                             |
| 2019   | <b>96.86</b>                          | <b>99.97</b>  | <b>109.79</b>                       | <b>109.84</b>  | <b>102.72</b>            | <b>102.05</b>             | <b>97.17</b>                                       | <b>96.74</b>         | <b>93.85</b>                          | <b>114.10</b>                             |
| Oct.   | 82.29                                 | 100.57  | 118.26                              | 118.96   | 103.10                   | 106.79                    | 100.97   | 93.03                | 92.42                                 | 126.20                                    |
| Nov.   | 90.94                                 | 96.94   | 108.30                              | 118.28   | 104.55                   | 101.42                    | 102.96   | 91.99                | 88.75                                 | 129.08                                    |
| Dec.   | 93.36                                 | 101.21  | 115.65                              | 127.43   | 105.24                   | 105.84                    | 105.48   | 94.65                | 98.31                                 | 130.19                                    |
| 2020   |                                       |   |                                     |  |                          |                           |  |                      |                                       |   |
| Jan.   | 100.01                                | 101.30  | 96.82                               | 95.78  | 86.42                    | 86.97                     | 90.76  | 93.18                | 79.85                                 | 121.76                                    |
| Feb.   | 87.14                                 | 97.01   | 104.79                              | 111.74   | 103.71                   | 96.38                     | 90.41  | 96.57                | 91.56                                 | 114.94                                    |
| Mar.   | 81.48                                 | 99.58   | 116.94                              | 122.79   | 109.22                   | 108.15                    | 104.23   | 104.88               | 99.89                                 | 133.44                                    |
| Apr.   | 77.12                                 | 94.98   | 103.56                              | 108.43   | 80.47                    | 97.81                     | 97.31  | 92.68                | 88.89                                 | 125.64                                    |
| May  | 80.93                                 | 94.07   | 96.69                               | 115.12   | 77.51                    | 94.92                     | 95.53  | 89.73                | 82.21                                 | 130.69                                    |
| June   | 80.85                                 | 95.44   | 94.74                               | 116.82   | 87.82                    | 96.41                     | 96.90  | 91.62                | 84.82                                 | 136.30                                    |
| July   | 80.61                                 | 101.51  | 102.92                              | 124.56   | 102.04                   | 106.90                    | 96.63  | 86.00                | 92.03                                 | 133.28                                    |
| Aug.   | 75.52                                 | 96.16   | 102.07                              | 115.03   | 102.12                   | 105.32                    | 93.23  | 93.70                | 90.00                                 | 144.96                                    |
| Sep.(r)  | 77.83                                 | 98.00   | 107.67                              | 126.73   | 111.94                   | 111.37                    | 99.44  | 96.50                | 98.58                                 | 149.58                                    |
| Oct.(p)  | 74.89                                 | 109.57  | 108.44                              | 115.44   | 105.22                   | 101.80                    | 98.42  | 100.03               | 94.95                                 | 147.56                                    |
| Compared with<br>Last Month (%)  | -3.78                                 | 11.81   | 0.72                                | -8.91  | -6.00                    | -8.59                     | -1.03  | 3.66                 | -3.68                                 | -1.35                                     |
| Compared with<br>the same Month<br>of last year (%)                        | -8.99                                 | 8.95  | -8.30                               | -2.96  | 2.06                     | -4.67                     | -2.53  | 7.52                 | 2.74                                  | 16.93                                     |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | -16.52                                | -1.39   | -5.40                               | 7.46   | -5.50                    | -1.12                     | 0.55   | -3.01                | -3.88                                 | 20.57                                     |

Table2 Industrial Production Indexes and Comparison - By Sectors(2/3)

Annual Change Rate (%)

| Period  | 17<br>Petroleum<br>& Coal<br>Products | 18<br>Chemical, Fertilizers,<br>Nitrogen Compounds,<br>Plastic & Rubber,<br>Man-made Fibres | 19<br>Other<br>Chemical<br>Products | 20<br>Pharmaceuticals<br>& Medicinal<br>Chemical<br>Products | 21<br>Rubber<br>Products | 22<br>Plastic<br>Products | 23<br>Other<br>Non-metallic<br>Mineral<br>Products | 24<br>Basic<br>Metal | 25<br>Fabricated<br>Metal<br>Products | 26<br>Electronic<br>Parts &<br>Components |
|---------|---------------------------------------|---|-------------------------------------|--|--------------------------|---------------------------|--|----------------------|---------------------------------------|---|
| 2014    | <b>0.04</b>                           | <b>0.28</b>   | <b>5.02</b>                         | <b>-4.28</b>   | <b>4.58</b>              | <b>5.00</b>               | <b>1.96</b>  | <b>3.59</b>          | <b>4.43</b>                           | <b>11.35</b>                              |
| 2015    | <b>0.22</b>                           | <b>-0.61</b>  | <b>1.88</b>                         | <b>3.78</b>  | <b>-0.52</b>             | <b>-3.03</b>              | <b>-3.17</b>                                       | <b>-6.56</b>         | <b>-4.33</b>                          | <b>-1.24</b>                              |
| 2016    | <b>1.02</b>                           | <b>0.20</b>   | <b>-1.50</b>                        | <b>4.70</b>  | <b>-6.02</b>             | <b>-1.92</b>              | <b>-7.89</b>                                       | <b>4.16</b>          | <b>-1.38</b>                          | <b>4.66</b>                               |
| 2017    | <b>-4.80</b>                          | <b>2.67</b>   | <b>7.98</b>                         | <b>-0.88</b>   | <b>2.79</b>              | <b>1.95</b>               | <b>-2.51</b>                                       | <b>2.73</b>          | <b>0.03</b>                           | <b>8.20</b>                               |
| 2018    | <b>2.89</b>                           | <b>1.84</b>   | <b>2.74</b>                         | <b>3.31</b>  | <b>-3.32</b>             | <b>2.02</b>               | <b>3.11</b>  | <b>2.29</b>          | <b>0.40</b>                           | <b>5.33</b>                               |
| 2019    | <b>-1.11</b>                          | <b>-4.39</b>  | <b>-1.04</b>                        | <b>7.27</b>  | <b>3.36</b>              | <b>-1.88</b>              | <b>-3.33</b>                                       | <b>-7.94</b>         | <b>-6.55</b>                          | <b>0.11</b>                               |
| Oct.    | -14.57                                | -4.75   | -0.56                               | 8.90   | 3.14                     | -0.12                     | -6.03  | -14.12               | -10.65                                | -1.45                                     |
| Nov.    | -10.24                                | -7.06   | -4.43                               | 14.97  | 6.34                     | -2.87                     | -2.40  | -11.18               | -12.56                                | 8.70                                      |
| Dec.    | 0.54                                  | -1.08   | 6.51                                | 15.71  | 10.49                    | 3.74                      | -0.64  | -8.78                | -1.20                                 | 10.65                                     |
| 2020    |                                       |   |                                     |  |                          |                           |  |                      |                                       |   |
| Jan.    | 1.84                                  | -3.84   | -18.29                              | -19.20   | -20.77                   | -22.36                    | -16.13   | -9.88                | -24.23                                | 17.68                                     |
| Feb.    | -11.34                                | 6.05  | 30.21                               | 38.48  | 36.12                    | 30.51                     | 22.87  | 6.97                 | 23.63                                 | 32.34                                     |
| Mar.    | -7.80                                 | -4.81   | 7.74                                | 21.13  | 2.61                     | 5.28                      | 1.49   | -1.36                | 1.33                                  | 27.54                                     |
| Apr.    | -16.94                                | -5.84   | -8.25                               | 8.42   | -25.24                   | -3.18                     | 1.84   | -5.28                | -8.66                                 | 22.92                                     |
| May     | -27.91                                | -8.84   | -15.44                              | -5.45  | -30.31                   | -11.92                    | -1.79  | -10.75               | -17.73                                | 22.98                                     |
| June    | -23.23                                | -3.08   | -9.66                               | 16.31  | -13.72                   | -1.57                     | 4.14   | -2.45                | -7.18                                 | 23.36                                     |
| July    | -26.50                                | -2.46   | -10.68                              | 8.18   | -5.78                    | -2.01                     | 0.06   | -12.81               | -5.94                                 | 14.84                                     |
| Aug.    | -24.61                                | -6.06   | -8.31                               | 0.87   | -0.61                    | -2.75                     | 0.20   | -4.54                | -4.55                                 | 14.75                                     |
| Sep.(r) | -14.09                                | 8.24  | -1.36                               | 24.98  | 16.20                    | 13.83                     | 2.87   | 4.83                 | 12.07                                 | 17.39                                     |
| Oct.(p) | -8.99                                 | 8.95  | -8.30                               | -2.96  | 2.06                     | -4.67                     | -2.53  | 7.52                 | 2.74                                  | 16.93                                     |

Table2 Industrial Production Indexes and Comparison - By Sectors(3/3)

2016 =100

| Period  | 2611                |                                   | 27                                       | 28                   | 29                    | 30                     | 31                                | 32            | 33                  | 34  |
|---|---------------------|-----------------------------------|--|----------------------|-----------------------|------------------------|-----------------------------------|---------------|---------------------|---|
|   | Integrated Circuits | Liquid Crystal Panel & Components | Computers, Electronic & Optical Products | Electrical Equipment | Machinery & Equipment | Motor Vehicles & Parts | Other Transport Equipment & Parts | Furniture     | Other Manufacturing | Repair & Installation of Industrial Mach. & Eq. |
| 2019 Weights (%)  | 230.36              | 46.44                             | 57.07                                    | 17.06                | 38.56                 | 21.41                  | 15.40                             | 2.21          | 14.07               | 7.59  |
| 2014  | <b>84.00</b>        | <b>124.79</b>                     | <b>101.83</b>                            | <b>96.33</b>         | <b>107.52</b>         | <b>107.16</b>          | <b>105.76</b>                     | <b>98.34</b>  | <b>91.06</b>        | <b>78.43</b>                                    |
| 2015  | <b>88.09</b>        | <b>110.72</b>                     | <b>104.13</b>                            | <b>98.19</b>         | <b>106.11</b>         | <b>103.91</b>          | <b>105.76</b>                     | <b>100.28</b> | <b>94.56</b>        | <b>86.83</b>                                    |
| 2016  | <b>100.00</b>       | <b>100.00</b>                     | <b>100.00</b>                            | <b>100.00</b>        | <b>100.00</b>         | <b>100.00</b>          | <b>100.00</b>                     | <b>100.00</b> | <b>100.00</b>       | <b>100.00</b>                                   |
| 2017  | <b>109.36</b>       | <b>117.69</b>                     | <b>104.49</b>                            | <b>97.94</b>         | <b>110.86</b>         | <b>100.38</b>          | <b>105.72</b>                     | <b>99.96</b>  | <b>112.04</b>       | <b>116.28</b>                                   |
| 2018  | <b>119.00</b>       | <b>113.52</b>                     | <b>116.50</b>                            | <b>100.47</b>        | <b>119.98</b>         | <b>94.60</b>           | <b>107.30</b>                     | <b>100.24</b> | <b>126.64</b>       | <b>129.13</b>                                   |
| 2019  | <b>120.69</b>       | <b>102.54</b>                     | <b>149.71</b>                            | <b>97.54</b>         | <b>103.49</b>         | <b>93.64</b>           | <b>115.24</b>                     | <b>100.07</b> | <b>130.46</b>       | <b>128.44</b>                                   |
| Oct.  | 136.05              | 106.54                            | 165.22                                   | 103.55               | 101.85                | 98.12                  | 126.88                            | 110.77        | 140.75              | 127.06  |
| Nov.  | 143.65              | 104.62                            | 169.51                                   | 100.89               | 98.19                 | 98.49                  | 116.31                            | 101.68        | 129.31              | 144.18  |
| Dec.  | 144.19              | 101.24                            | 169.85                                   | 109.86               | 110.32                | 101.86                 | 118.39                            | 116.39        | 136.45              | 147.75  |
| 2020  |                     |                                   |  |                      |                       |                        |                                   |               |                     |   |
| Jan.  | 135.00              | 98.68                             | 135.98                                   | 84.50                | 79.84                 | 81.11                  | 99.34                             | 83.91         | 108.45              | 81.99   |
| Feb.  | 130.09              | 75.79                             | 128.19                                   | 91.82                | 88.26                 | 80.25                  | 103.03                            | 85.41         | 115.85              | 105.70  |
| Mar.  | 149.68              | 105.32                            | 160.55                                   | 103.40               | 101.88                | 94.09                  | 116.74                            | 97.44         | 131.25              | 98.63   |
| Apr.  | 136.45              | 104.03                            | 153.66                                   | 105.24               | 95.29                 | 78.01                  | 99.44                             | 83.22         | 114.00              | 127.66  |
| May   | 147.20              | 107.22                            | 160.38                                   | 96.07                | 94.34                 | 73.09                  | 99.81                             | 87.31         | 111.54              | 103.76  |
| June  | 157.55              | 108.04                            | 168.04                                   | 96.27                | 100.42                | 78.76                  | 105.76                            | 91.07         | 113.62              | 118.03  |
| July  | 146.40              | 111.90                            | 179.70                                   | 103.00               | 101.28                | 91.05                  | 120.41                            | 108.35        | 128.29              | 110.28  |
| Aug.  | 166.39              | 113.82                            | 173.00                                   | 99.46                | 100.98                | 73.14                  | 124.33                            | 109.38        | 129.54              | 108.08  |
| Sep.(r)   | 172.52              | 118.19                            | 186.20                                   | 102.90               | 106.47                | 90.53                  | 133.51                            | 118.24        | 147.58              | 110.06  |
| Oct.(p)   | 167.38              | 116.57                            | 175.47                                   | 101.34               | 101.64                | 99.15                  | 134.13                            | 103.25        | 127.55              | 105.79  |
| Compared with Last Month (%)                                      | -2.98               | -1.37                             | -5.76                                    | -1.52                | -4.54                 | 9.52                   | 0.46                              | -12.68        | -13.57              | -3.88   |
| Compared with the same Month of last year (%)                     | 23.03               | 9.41                              | 6.20                                     | -2.13                | -0.21                 | 1.05                   | 5.71                              | -6.79         | -9.38               | -16.74  |
| Jan.-Current Month Compared with the Same Period of Last Year (%) | 30.00               | 3.42                              | 11.25                                    | 2.53                 | -6.10                 | -9.12                  | -1.02                             | -1.55         | -5.54               | -14.36  |

Table2 Industrial Production Indexes and Comparison - By Sectors(3/3)

Annual Change Rate (%)

| Period  | 2611                |                                   | 27                                       | 28                   | 29                    | 30                     | 31                                | 32           | 33                  | 34  |
|---------|---------------------|-----------------------------------|--|----------------------|-----------------------|------------------------|-----------------------------------|--------------|---------------------|---|
|         | Integrated Circuits | Liquid Crystal Panel & Components | Computers, Electronic & Optical Products | Electrical Equipment | Machinery & Equipment | Motor Vehicles & Parts | Other Transport Equipment & Parts | Furniture    | Other Manufacturing | Repair & Installation of Industrial Mach. & Eq. |
| 2014    | <b>22.04</b>        | <b>-1.52</b>                      | <b>10.54</b>                             | <b>5.11</b>          | <b>8.57</b>           | <b>12.79</b>           | <b>7.63</b>                       | <b>4.85</b>  | <b>9.88</b>         | <b>7.54</b>                                     |
| 2015    | <b>4.87</b>         | <b>-11.27</b>                     | <b>2.26</b>                              | <b>1.93</b>          | <b>-1.31</b>          | <b>-3.03</b>           | <b>0.00</b>                       | <b>1.97</b>  | <b>3.84</b>         | <b>10.71</b>                                    |
| 2016    | <b>13.52</b>        | <b>-9.68</b>                      | <b>-3.97</b>                             | <b>1.84</b>          | <b>-5.76</b>          | <b>-3.76</b>           | <b>-5.45</b>                      | <b>-0.28</b> | <b>5.75</b>         | <b>15.17</b>                                    |
| 2017    | <b>9.36</b>         | <b>17.69</b>                      | <b>4.49</b>                              | <b>-2.06</b>         | <b>10.86</b>          | <b>0.38</b>            | <b>5.72</b>                       | <b>-0.04</b> | <b>12.04</b>        | <b>16.28</b>                                    |
| 2018    | <b>8.81</b>         | <b>-3.54</b>                      | <b>11.49</b>                             | <b>2.58</b>          | <b>8.23</b>           | <b>-5.76</b>           | <b>1.49</b>                       | <b>0.28</b>  | <b>13.03</b>        | <b>11.05</b>                                    |
| 2019    | <b>1.42</b>         | <b>-9.67</b>                      | <b>28.51</b>                             | <b>-2.92</b>         | <b>-13.74</b>         | <b>-1.01</b>           | <b>7.40</b>                       | <b>-0.17</b> | <b>3.02</b>         | <b>-0.53</b>                                    |
| Oct.    | -2.16               | -9.76                             | 19.07                                    | -1.22                | -18.11                | 2.03                   | 18.41                             | 3.55         | -0.41               | 0.04  |
| Nov.    | 13.11               | -9.20                             | 29.95                                    | -2.90                | -19.58                | 5.77                   | 5.08                              | -6.48        | -7.80               | 18.56   |
| Dec.    | 11.19               | -7.07                             | 29.12                                    | 5.14                 | -9.03                 | 16.46                  | 12.63                             | 5.37         | -1.07               | 2.34  |
| 2020    |                     |                                   |  |                      |                       |                        |                                   |              |                     |   |
| Jan.    | 30.55               | -5.31                             | -3.26                                    | -19.47               | -30.12                | -19.04                 | -16.30                            | -27.05       | -27.44              | -34.98  |
| Feb.    | 46.60               | -14.64                            | 26.87                                    | 26.11                | 9.76                  | 23.59                  | 29.89                             | 29.04        | 25.35               | 10.53   |
| Mar.    | 42.48               | -1.01                             | 19.23                                    | 5.27                 | -3.85                 | 0.87                   | 7.21                              | 4.15         | 2.34                | -23.10  |
| Apr.    | 32.98               | 3.46                              | 4.72                                     | 7.06                 | -12.09                | -21.17                 | -10.68                            | -9.76        | -14.30              | -8.08   |
| May     | 37.19               | 6.60                              | 7.71                                     | -3.71                | -15.50                | -29.58                 | -17.14                            | -16.67       | -19.16              | -11.82  |
| June    | 34.31               | 8.22                              | 19.28                                    | 5.88                 | -5.33                 | -18.26                 | -6.91                             | -1.39        | -9.53               | -12.86  |
| July    | 22.16               | 6.10                              | 12.85                                    | -2.29                | -4.48                 | -13.10                 | -4.65                             | 1.88         | -1.28               | -18.64  |
| Aug.    | 19.59               | 6.75                              | 3.82                                     | 4.32                 | -1.89                 | -6.55                  | 2.42                              | 5.89         | -4.33               | -13.94  |
| Sep.(r) | 22.32               | 11.87                             | 21.47                                    | 13.79                | 11.13                 | 6.90                   | 10.06                             | 20.35        | 16.31               | -7.67   |
| Oct.(p) | 23.03               | 9.41                              | 6.20                                     | -2.13                | -0.21                 | 1.05                   | 5.71                              | -6.79        | -9.38               | -16.74  |