

**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<br>Adjusted | Mining &<br>Quarrying | Manu-<br>facturing | By Usage                 |                     |                   |                   | Electricity<br>& Gas<br>Supply | Water<br>Supply | Movement<br>of Manu-<br>facturing<br>Production<br>Index |
|----------------------------------------------------------------------------|----------|------------------------|-----------------------|--------------------|--------------------------|---------------------|-------------------|-------------------|--------------------------------|-----------------|----------------------------------------------------------|
|                                                                            |          |                        |                       |                    |                          |                     |                   | Producer<br>Goods |                                |                 |                                                          |
|                                                                            |          |                        |                       |                    | Final<br>Demand<br>Goods | Investment<br>Goods | Consumer<br>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          | -                                                        |
| July                                                                       | 113.69   | 110.48                 | 91.34                 | 113.36             | 119.01                   | 126.21              | 114.43            | 111.91            | 120.13                         | 104.25          | 49.96                                                    |
| Aug.                                                                       | 115.57   | 111.37                 | 83.53                 | 115.39             | 115.10                   | 123.69              | 109.68            | 115.48            | 120.73                         | 103.52          | 48.86                                                    |
| Sep.                                                                       | 110.85   | 108.76                 | 85.31                 | 111.31             | 106.74                   | 113.35              | 102.55            | 112.52            | 106.99                         | 100.99          | 50.71                                                    |
| 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(r)                                                                    | 114.31   | 113.34                 | 106.57                | 114.43             | 114.68                   | 129.69              | 105.34            | 114.46            | 113.98                         | 102.02          | 50.91                                                    |
| July(p)                                                                    | 116.70   | 113.06                 | 101.80                | 116.35             | 122.30                   | 136.82              | 113.23            | 114.86            | 121.98                         | 105.81          | 51.85                                                    |
| Compared with<br>Last Month (%)                                            | 2.09     | -0.25                  | -4.48                 | 1.68               | 6.64                     | 5.50                | 7.49              | 0.35              | 7.02                           | 3.71            | (0.94)                                                   |
| Compared with<br>the same Month<br>of last year (%)                        | 2.65     | 2.34                   | 11.45                 | 2.64               | 2.76                     | 8.41                | -1.05             | 2.64              | 1.54                           | 1.50            | --                                                       |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | 6.03     | 6.10                   | 17.14                 | 6.43               | 0.31                     | 2.81                | -1.44             | 8.25              | 0.54                           | 1.11            | --                                                       |

Table1 Industrial Production Indexes and Comparison - By Major Divisions

Annual Change Rate (%)

| Period  | Industry | Seasonally<br>Adjusted<br>(Monthly<br>Change) | Mining &<br>Quarrying | Manu-<br>facturing | By Usage                 |                     |                   |                   | Electricity<br>& Gas<br>Supply | Water<br>Supply | Movement<br>of Manu-<br>facturing<br>Production<br>Index |
|---------|----------|-----------------------------------------------|-----------------------|--------------------|--------------------------|---------------------|-------------------|-------------------|--------------------------------|-----------------|----------------------------------------------------------|
|         |          |                                               |                       |                    |                          |                     |                   | Producer<br>Goods |                                |                 |                                                          |
|         |          |                                               |                       |                    | Final<br>Demand<br>Goods | Investment<br>Goods | Consumer<br>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            | --                                                       |
| July    | 4.05     | 2.36                                          | -4.20                 | 4.13               | 8.27                     | 11.57               | 6.08              | 3.06              | 3.82                           | 0.27            | (-1.88)                                                  |
| Aug.    | 2.53     | 0.81                                          | -7.70                 | 2.43               | 1.99                     | 6.49                | -0.96             | 2.55              | 4.67                           | -0.84           | (-1.10)                                                  |
| Sep.    | -0.63    | -2.34                                         | -10.52                | -0.46              | 2.15                     | 3.31                | 1.38              | -1.14             | -2.51                          | 0.40            | (1.85)                                                   |
| 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(r) | 7.19     | 1.35                                          | 24.19                 | 7.63               | 4.26                     | 6.59                | 2.60              | 8.61              | 1.54                           | -0.09           | (-0.22)                                                  |
| July(p) | 2.65     | -0.25                                         | 11.45                 | 2.64               | 2.76                     | 8.41                | -1.05             | 2.64              | 1.54                           | 1.50            | (0.94)                                                   |

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                                                                       | 99.28                   | 95.47                                    | 102.60          | 81.37                     | 103.59         | 114.11                                                | 159.60                                         | 103.61                             | 100.83                                      | 104.16                                                   |
| 2015                                                                       | 98.13                   | 96.36                                    | 101.57          | 81.04                     | 104.74         | 105.97                                                | 122.11                                         | 100.88                             | 98.91                                       | 101.74                                                   |
| 2016                                                                       | 100.00                  | 100.00                                   | 100.00          | 100.00                    | 100.00         | 100.00                                                | 100.00                                         | 100.00                             | 100.00                                      | 100.00                                                   |
| 2017                                                                       | 105.27                  | 100.57                                   | 102.81          | 119.06                    | 97.84          | 89.27                                                 | 103.83                                         | 103.34                             | 100.22                                      | 96.97                                                    |
| 2018                                                                       | 109.41                  | 102.15                                   | 99.27           | 116.03                    | 94.79          | 81.29                                                 | 97.44                                          | 107.43                             | 101.32                                      | 95.28                                                    |
| 2019                                                                       | 108.92                  | 105.95                                   | 94.15           | 114.52                    | 90.02          | 79.47                                                 | 99.20                                          | 99.87                              | 100.74                                      | 84.73                                                    |
| July                                                                       | 113.36                  | 115.66                                   | 109.97          | 121.27                    | 91.01          | 85.95                                                 | 96.52                                          | 103.62                             | 105.59                                      | 84.68                                                    |
| Aug.                                                                       | 115.39                  | 110.91                                   | 102.78          | 110.56                    | 93.10          | 79.57                                                 | 94.40                                          | 102.12                             | 101.39                                      | 83.28                                                    |
| Sep.                                                                       | 111.31                  | 100.18                                   | 96.45           | 91.74                     | 87.42          | 69.12                                                 | 86.62                                          | 100.95                             | 96.27                                       | 78.51                                                    |
| 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(r)                                                                    | 114.43                  | 101.29                                   | 108.19          | 109.50                    | 64.50          | 70.82                                                 | 69.47                                          | 90.83                              | 91.62                                       | 70.55                                                    |
| July(p)                                                                    | 116.35                  | 112.72                                   | 120.25          | 113.38                    | 70.90          | 75.75                                                 | 67.04                                          | 98.14                              | 101.78                                      | 84.47                                                    |
| Compared with<br>Last Month (%)                                            | 1.68                    | 11.28                                    | 11.15           | 3.54                      | 9.92           | 6.96                                                  | -3.50                                          | 8.05                               | 11.09                                       | 19.73                                                    |
| Compared with<br>the same Month<br>of last year (%)                        | 2.64                    | -2.54                                    | 9.35            | -6.51                     | -22.10         | -11.87                                                | -30.54                                         | -5.29                              | -3.61                                       | -0.25                                                    |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | 6.43                    | -1.08                                    | 3.15            | -6.59                     | -18.68         | -17.61                                                | -27.23                                         | -1.92                              | -0.83                                       | -4.95                                                    |

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    | 6.83                    | 0.28                                     | 1.09            | -0.90                     | 1.68           | -1.49                                                 | -0.37                                          | 7.59                               | 2.55                                        | -1.74                                                    |
| 2015    | -1.16                   | 0.93                                     | -1.00           | -0.41                     | 1.11           | -7.13                                                 | -23.49                                         | -2.63                              | -1.90                                       | -2.32                                                    |
| 2016    | 1.91                    | 3.78                                     | -1.55           | 23.40                     | -4.53          | -5.63                                                 | -18.11                                         | -0.87                              | 1.10                                        | -1.71                                                    |
| 2017    | 5.27                    | 0.57                                     | 2.81            | 19.06                     | -2.16          | -10.73                                                | 3.83                                           | 3.34                               | 0.22                                        | -3.03                                                    |
| 2018    | 3.93                    | 1.57                                     | -3.44           | -2.54                     | -3.12          | -8.94                                                 | -6.15                                          | 3.96                               | 1.10                                        | -1.74                                                    |
| 2019    | -0.45                   | 3.72                                     | -5.16           | -1.30                     | -5.03          | -2.24                                                 | 1.81                                           | -7.04                              | -0.57                                       | -11.07                                                   |
| July    | 4.13                    | 6.66                                     | 2.99            | 2.27                      | -3.54          | 7.56                                                  | -2.36                                          | -8.80                              | 2.30                                        | -12.54                                                   |
| Aug.    | 2.43                    | 1.17                                     | -11.63          | -10.40                    | -7.12          | -16.00                                                | -6.18                                          | -12.73                             | -3.60                                       | -11.98                                                   |
| Sep.    | -0.46                   | 3.25                                     | -2.35           | -18.90                    | -3.00          | 0.82                                                  | -7.38                                          | -2.94                              | 0.46                                        | -11.86                                                   |
| 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(r) | 7.63                    | 0.49                                     | 17.53           | 1.17                      | -21.78         | -20.64                                                | -29.38                                         | -4.13                              | -3.92                                       | -7.54                                                    |
| July(p) | 2.64                    | -2.54                                    | 9.35            | -6.51                     | -22.10         | -11.87                                                | -30.54                                         | -5.29                              | -3.61                                       | -0.25                                                    |

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                                                                       | 98.77                                 | 100.41                                                                                      | 99.65                               | 92.03                                                        | 106.97                   | 105.15                    | 112.12                                             | 102.75               | 105.99                                | 96.75                                     |
| 2015                                                                       | 98.99                                 | 99.80                                                                                       | 101.52                              | 95.51                                                        | 106.41                   | 101.96                    | 108.57                                             | 96.01                | 101.40                                | 95.55                                     |
| 2016                                                                       | 100.00                                | 100.00                                                                                      | 100.00                              | 100.00                                                       | 100.00                   | 100.00                    | 100.00                                             | 100.00               | 100.00                                | 100.00                                    |
| 2017                                                                       | 95.20                                 | 102.67                                                                                      | 107.98                              | 99.12                                                        | 102.79                   | 101.95                    | 97.49                                              | 102.73               | 100.03                                | 108.20                                    |
| 2018                                                                       | 97.95                                 | 104.56                                                                                      | 110.94                              | 102.40                                                       | 99.38                    | 104.01                    | 100.52                                             | 105.08               | 100.43                                | 113.97                                    |
| 2019                                                                       | 96.86                                 | 99.97                                                                                       | 109.79                              | 109.84                                                       | 102.72                   | 102.05                    | 97.17                                              | 96.74                | 93.85                                 | 114.10                                    |
| July                                                                       | 109.68                                | 104.07                                                                                      | 115.23                              | 115.14                                                       | 108.30                   | 109.09                    | 96.57                                              | 98.63                | 97.84                                 | 116.06                                    |
| Aug.                                                                       | 100.17                                | 102.36                                                                                      | 111.32                              | 114.04                                                       | 102.75                   | 108.30                    | 93.04                                              | 98.16                | 94.29                                 | 126.33                                    |
| Sep.                                                                       | 90.60                                 | 90.54                                                                                       | 109.16                              | 101.40                                                       | 96.33                    | 97.84                     | 96.67                                              | 92.05                | 87.96                                 | 127.42                                    |
| 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(r)                                                                    | 80.85                                 | 95.44                                                                                       | 94.74                               | 116.82                                                       | 87.82                    | 96.41                     | 96.90                                              | 91.62                | 84.82                                 | 136.30                                    |
| July(p)                                                                    | 80.59                                 | 102.25                                                                                      | 103.81                              | 125.16                                                       | 100.04                   | 107.37                    | 97.77                                              | 84.79                | 92.03                                 | 132.80                                    |
| Compared with<br>Last Month (%)                                            | -0.32                                 | 7.14                                                                                        | 9.57                                | 7.14                                                         | 13.91                    | 11.37                     | 0.90                                               | -7.45                | 8.50                                  | -2.57                                     |
| Compared with<br>the same Month<br>of last year (%)                        | -26.52                                | -1.75                                                                                       | -9.91                               | 8.70                                                         | -7.63                    | -1.58                     | 1.24                                               | -14.03               | -5.94                                 | 14.42                                     |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | -16.57                                | -3.31                                                                                       | -4.96                               | 7.84                                                         | -10.47                   | -2.33                     | 0.89                                               | -5.43                | -6.82                                 | 22.69                                     |

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    | 0.04                                  | 0.28                                                                                        | 5.02                                | -4.28                                                        | 4.58                     | 5.00                      | 1.96                                               | 3.59                 | 4.43                                  | 11.35                                     |
| 2015    | 0.22                                  | -0.61                                                                                       | 1.88                                | 3.78                                                         | -0.52                    | -3.03                     | -3.17                                              | -6.56                | -4.33                                 | -1.24                                     |
| 2016    | 1.02                                  | 0.20                                                                                        | -1.50                               | 4.70                                                         | -6.02                    | -1.92                     | -7.89                                              | 4.16                 | -1.38                                 | 4.66                                      |
| 2017    | -4.80                                 | 2.67                                                                                        | 7.98                                | -0.88                                                        | 2.79                     | 1.95                      | -2.51                                              | 2.73                 | 0.03                                  | 8.20                                      |
| 2018    | 2.89                                  | 1.84                                                                                        | 2.74                                | 3.31                                                         | -3.32                    | 2.02                      | 3.11                                               | 2.29                 | 0.40                                  | 5.33                                      |
| 2019    | -1.11                                 | -4.39                                                                                       | -1.04                               | 7.27                                                         | 3.36                     | -1.88                     | -3.33                                              | -7.94                | -6.55                                 | 0.11                                      |
| July    | 3.42                                  | -1.11                                                                                       | 3.35                                | 6.61                                                         | 7.85                     | 0.02                      | -4.14                                              | -8.60                | -5.07                                 | 6.81                                      |
| Aug.    | -5.42                                 | -5.01                                                                                       | -3.11                               | 7.14                                                         | 0.23                     | -1.70                     | -7.80                                              | -10.86               | -10.25                                | 10.27                                     |
| Sep.    | -9.00                                 | -10.24                                                                                      | 4.93                                | 0.42                                                         | 3.69                     | -0.91                     | 0.51                                               | -12.11               | -7.21                                 | 3.42                                      |
| 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(r) | -23.23                                | -3.08                                                                                       | -9.66                               | 16.31                                                        | -13.72                   | -1.57                     | 4.14                                               | -2.45                | -7.18                                 | 23.36                                     |
| July(p) | -26.52                                | -1.75                                                                                       | -9.91                               | 8.70                                                         | -7.63                    | -1.58                     | 1.24                                               | -14.03               | -5.94                                 | 14.42                                     |

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

2016 =100

| Period                                                                     |                                |                                                 | 27<br>Computers,<br>Electronic<br>& Optical<br>Products | 28<br>Electrical<br>Equipment | 29<br>Machinery<br>&<br>Equipment | 30<br>Motor<br>Vehicles<br>& Parts | 31<br>Other<br>Transport<br>Equipment<br>& Parts | 32<br>Furniture | 33<br>Other<br>Manufacturing | 34<br>Repair &<br>Installation<br>of Industrial<br>Mach. & Eq. |
|----------------------------------------------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------|-------------------------------|-----------------------------------|------------------------------------|--------------------------------------------------|-----------------|------------------------------|----------------------------------------------------------------|
|                                                                            | 2611<br>Integrated<br>Circuits | 2641<br>Liquid Crystal<br>Panel &<br>Components |                                                         |                               |                                   |                                    |                                                  |                 |                              |                                                                |
| 2019 Weights (%)                                                           | 230.36                         | 46.44                                           | 57.07                                                   | 17.06                         | 38.56                             | 21.41                              | 15.40                                            | 2.21            | 14.07                        | 7.59                                                           |
| 2014                                                                       | 84.00                          | 124.79                                          | 101.83                                                  | 96.33                         | 107.52                            | 107.16                             | 105.76                                           | 98.34           | 91.06                        | 78.43                                                          |
| 2015                                                                       | 88.09                          | 110.72                                          | 104.13                                                  | 98.19                         | 106.11                            | 103.91                             | 105.76                                           | 100.28          | 94.56                        | 86.83                                                          |
| 2016                                                                       | 100.00                         | 100.00                                          | 100.00                                                  | 100.00                        | 100.00                            | 100.00                             | 100.00                                           | 100.00          | 100.00                       | 100.00                                                         |
| 2017                                                                       | 109.36                         | 117.69                                          | 104.49                                                  | 97.94                         | 110.86                            | 100.38                             | 105.72                                           | 99.96           | 112.04                       | 116.28                                                         |
| 2018                                                                       | 119.00                         | 113.52                                          | 116.50                                                  | 100.47                        | 119.98                            | 94.60                              | 107.30                                           | 100.24          | 126.64                       | 129.13                                                         |
| 2019                                                                       | 120.69                         | 102.54                                          | 149.71                                                  | 97.54                         | 103.49                            | 93.64                              | 115.24                                           | 100.07          | 130.46                       | 128.44                                                         |
| July                                                                       | 119.84                         | 105.47                                          | 159.24                                                  | 105.41                        | 106.03                            | 104.78                             | 126.28                                           | 106.35          | 129.95                       | 135.55                                                         |
| Aug.                                                                       | 139.13                         | 106.62                                          | 166.63                                                  | 95.34                         | 102.93                            | 78.27                              | 121.39                                           | 103.30          | 135.41                       | 125.59                                                         |
| Sep.                                                                       | 141.04                         | 105.65                                          | 153.29                                                  | 90.43                         | 95.81                             | 84.69                              | 121.31                                           | 98.25           | 126.88                       | 119.20                                                         |
| 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(r)                                                                    | 157.55                         | 108.04                                          | 168.04                                                  | 96.27                         | 100.42                            | 78.76                              | 105.76                                           | 91.07           | 113.62                       | 118.03                                                         |
| July(p)                                                                    | 146.22                         | 112.93                                          | 179.63                                                  | 107.43                        | 102.33                            | 91.29                              | 120.08                                           | 107.80          | 128.46                       | 109.40                                                         |
| Compared with<br>Last Month (%)                                            | -7.19                          | 4.53                                            | 6.90                                                    | 11.59                         | 1.90                              | 15.91                              | 13.54                                            | 18.37           | 13.06                        | -7.31                                                          |
| Compared with<br>the same Month<br>of last year (%)                        | 22.01                          | 7.07                                            | 12.80                                                   | 1.92                          | -3.49                             | -12.87                             | -4.91                                            | 1.36            | -1.15                        | -19.29                                                         |
| Jan.-Current Month<br>Compared with<br>the Same Period<br>of Last Year (%) | 34.66                          | 0.88                                            | 11.77                                                   | 2.14                          | -9.61                             | -12.94                             | -4.42                                            | -5.12           | -8.20                        | -15.08                                                         |

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

Annual Change Rate (%)

| Period  |                                |                                                 | 27<br>Computers,<br>Electronic<br>& Optical<br>Products | 28<br>Electrical<br>Equipment | 29<br>Machinery<br>&<br>Equipment | 30<br>Motor<br>Vehicles<br>& Parts | 31<br>Other<br>Transport<br>Equipment<br>& Parts | 32<br>Furniture | 33<br>Other<br>Manufacturing | 34<br>Repair &<br>Installation<br>of Industrial<br>Mach. & Eq. |
|---------|--------------------------------|-------------------------------------------------|---------------------------------------------------------|-------------------------------|-----------------------------------|------------------------------------|--------------------------------------------------|-----------------|------------------------------|----------------------------------------------------------------|
|         | 2611<br>Integrated<br>Circuits | 2641<br>Liquid Crystal<br>Panel &<br>Components |                                                         |                               |                                   |                                    |                                                  |                 |                              |                                                                |
| 2014    | 22.04                          | -1.52                                           | 10.54                                                   | 5.11                          | 8.57                              | 12.79                              | 7.63                                             | 4.85            | 9.88                         | 7.54                                                           |
| 2015    | 4.87                           | -11.27                                          | 2.26                                                    | 1.93                          | -1.31                             | -3.03                              | 0.00                                             | 1.97            | 3.84                         | 10.71                                                          |
| 2016    | 13.52                          | -9.68                                           | -3.97                                                   | 1.84                          | -5.76                             | -3.76                              | -5.45                                            | -0.28           | 5.75                         | 15.17                                                          |
| 2017    | 9.36                           | 17.69                                           | 4.49                                                    | -2.06                         | 10.86                             | 0.38                               | 5.72                                             | -0.04           | 12.04                        | 16.28                                                          |
| 2018    | 8.81                           | -3.54                                           | 11.49                                                   | 2.58                          | 8.23                              | -5.76                              | 1.49                                             | 0.28            | 13.03                        | 11.05                                                          |
| 2019    | 1.42                           | -9.67                                           | 28.51                                                   | -2.92                         | -13.74                            | -1.01                              | 7.40                                             | -0.17           | 3.02                         | -0.53                                                          |
| July    | 15.12                          | -13.58                                          | 36.31                                                   | 2.61                          | -14.43                            | 0.62                               | 13.83                                            | 9.57            | 5.52                         | 6.09                                                           |
| Aug.    | 21.80                          | -12.41                                          | 30.77                                                   | -10.23                        | -17.94                            | -9.25                              | 9.37                                             | -6.17           | -1.28                        | -1.19                                                          |
| Sep.    | 5.87                           | -10.78                                          | 25.33                                                   | -3.30                         | -16.18                            | -1.19                              | 14.54                                            | -2.60           | 1.37                         | -6.04                                                          |
| 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(r) | 34.31                          | 8.22                                            | 19.28                                                   | 5.88                          | -5.33                             | -18.26                             | -6.91                                            | -1.39           | -9.53                        | -12.86                                                         |
| July(p) | 22.01                          | 7.07                                            | 12.80                                                   | 1.92                          | -3.49                             | -12.87                             | -4.91                                            | 1.36            | -1.15                        | -19.29                                                         |