



**stats sa**

Department:  
Statistics South Africa  
**REPUBLIC OF SOUTH AFRICA**

Private Bag X44, Pretoria, 0001, South Africa, ISlballo House, Koch Street, Salvokop, Pretoria, 0002  
www.statssa.gov.za, info@statssa.gov.za, Tel +27 12 310 8911

## **STATISTICAL RELEASE**

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# Manufacturing: Utilisation of production capacity by large enterprises (Preliminary)

November 2019

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Nicolai Claassen  
Tel: (012) 310 8007

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The South Africa I know, the home I understand



## Contents

|  |           |
|--|-----------|
| <b>Key results for November 2019</b> .....   | <b>2</b>  |
| Table A – Utilisation and under-utilisation of production capacity in the manufacturing industry ..... | 2         |
| Figure 1 – Utilisation of production capacity in the manufacturing industry .....                      | 2         |
| Table B – Utilisation of production capacity in the manufacturing industry by division .....           | 3         |
| Figure 2 – Annual rate of utilisation of production capacity in the manufacturing industry .....       | 4         |
| <b>Tables</b> .....  | <b>5</b>  |
| Table 1 – Utilisation and reasons for under-utilisation by division and major group .....              | 5         |
| <b>Explanatory notes</b> .....   | <b>18</b> |
| <b>Glossary</b> .....  | <b>20</b> |
| <b>Technical enquiries</b> .....   | <b>21</b> |
| Table C – Weights according to manufacturing major groups .....  | 22        |
| <b>General information</b> .....   | <b>23</b> |

## Key results for November 2019

**Table A – Utilisation and under-utilisation of production capacity in the manufacturing industry**

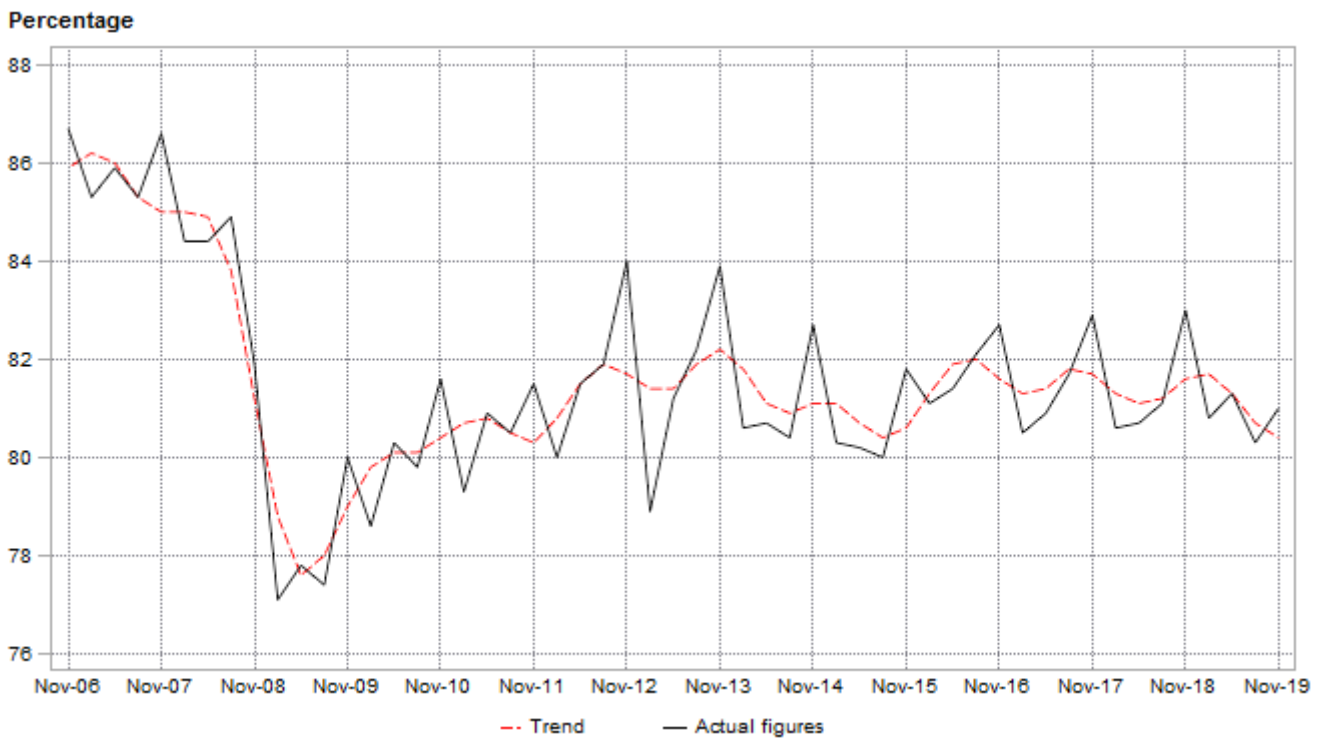
| Estimates                                |                           | November 2018 (%) | August 2019 (%) 1/ | November 2019 (%) 1/ | % point difference between November 2018 and November 2019 |
|--|---------------------------|-------------------|--------------------|----------------------|--|
| Utilisation of production capacity       |                           | 83,0              | 80,3               | 81,0                 | -2,0   |
| Under-utilisation of production capacity |                           | 17,0              | 19,7               | 19,0                 | 2,0  |
| Reasons for under-utilisation:           | Shortage of raw materials | 1,6               | 2,5                | 2,6                  | 1,0  |
|  | Shortage of labour        | 1,1               | 1,2                | 1,2                  | 0,1  |
|  | Insufficient demand       | 10,8              | 12,4               | 11,6                 | 0,8  |
|  | Other reasons             | 3,5               | 3,6                | 3,6                  | 0,1  |

1/ Preliminary

The utilisation of production capacity by large manufacturers was 81,0% in November 2019 compared with 83,0% in November 2018, a decrease of 2,0 percentage points.

Under-utilisation of production capacity increased by 2,0 percentage points between November 2018 and November 2019. Shortage of raw materials increased by 1,0 percentage point and insufficient demand increased by 0,8 of a percentage point – see Table A.

**Figure 1 – Utilisation of production capacity in the manufacturing industry**



**Table B – Utilisation of production capacity in the manufacturing industry by division**

| Manufacturing divisions  | Weights    | November 2018 (%) 2/ | November 2019 (%) 1/ 2/ | % point difference between November 2018 and November 2019 |
|--|------------|----------------------|-------------------------|--|
| Food and beverages   | 26,64      | 84,2                 | 84,3                    | 0,1  |
| Textiles, clothing, leather and footwear                                       | 3,12       | 73,1                 | 71,3                    | -1,8   |
| Wood and wood products, paper, publishing and printing                         | 11,45      | 82,4                 | 82,3                    | -0,1   |
| Petroleum, chemical products, rubber and plastic products                      | 23,07      | 87,1                 | 83,0                    | -4,1   |
| Glass and non-metallic mineral products  | 3,19       | 82,8                 | 78,9                    | -3,9   |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 18,69      | 77,6                 | 75,0                    | -2,6   |
| Electrical machinery   | 1,64       | 77,8                 | 78,4                    | 0,6  |
| Radio, television and communication apparatus and professional equipment       | 1,54       | 83,0                 | 80,5                    | -2,5   |
| Motor vehicles, parts and accessories and other transport equipment            | 7,57       | 85,0                 | 81,3                    | -3,7   |
| Furniture and other manufacturing  | 3,11       | 85,9                 | 82,7                    | -3,2   |
| <b>Total manufacturing</b>   | <b>100</b> | <b>83,0</b>          | <b>81,0</b>             | <b>-2,0</b>  |

1/ Preliminary.

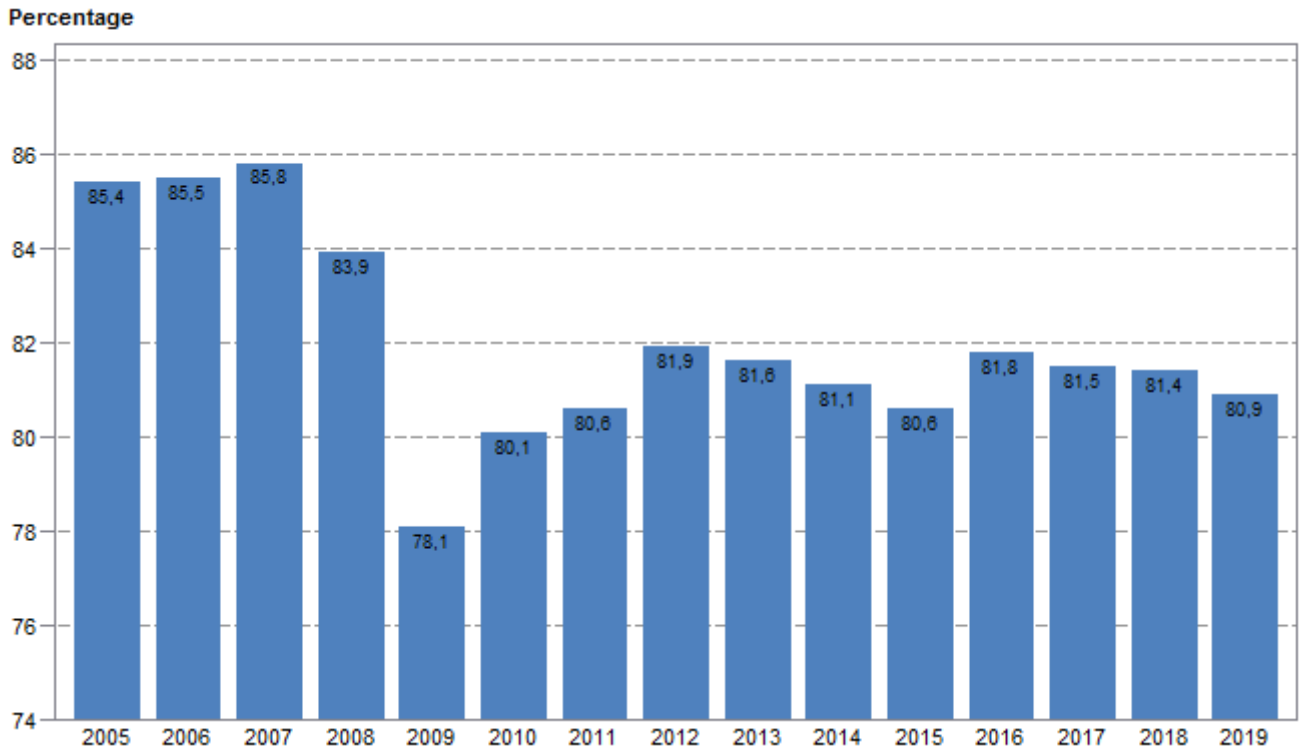
2/ The weighted total of utilisation is the sum of the rate of utilisation per division multiplied by its weight, divided by 100. There might be a slight discrepancy with the total shown in Table B due to rounding off.

Eight of the ten manufacturing divisions showed decreases in utilisation of production capacity in November 2019 compared with November 2018. The largest decreases were recorded in the following divisions:

- petroleum, chemical products, rubber and plastic products (-4,1 percentage points);
- glass and non-metallic mineral products (-3,9 percentage points);
- motor vehicles, parts and accessories and other transport equipment (-3,7 percentage points);
- furniture and 'other' manufacturing (-3,2 percentage points);
- basic iron and steel, non-ferrous metal products, metal products and machinery (-2,6 percentage points);
- and
- radio, television and communication apparatus and professional equipment (-2,5 percentage points).

The highest rates of utilisation of production capacity in November 2019 were reported in the following divisions:

- food and beverages (84,3%);
- petroleum, chemical products, rubber and plastic products (83,0%);
- furniture and 'other' manufacturing (82,7%);
- wood and wood products, paper, publishing and printing (82,3%); and
- motor vehicles, parts and accessories and other transport equipment (81,3%) – see Table B.

**Figure 2 – Annual rate of utilisation of production capacity in the manufacturing industry**

In 2019 the utilisation of production capacity was 80,9%, a decrease of 0,5 of a percentage point from 81,4% in 2018, mainly due to increases in insufficient demand (contributing 0,6 of a percentage point to the change in under-utilisation) and shortage of raw materials (contributing 0,4 of a percentage point to the change in under-utilisation). 'Other reasons' (such as downtime due to maintenance and changes in productivity) contributed -0,5 of a percentage point to the change in under-utilisation – see Figure 2 and Table 1, page 17.

The largest decreases in 2019 compared with 2018 were recorded in the following divisions:

- glass and non-metallic mineral products (-3,5 percentage points);
- radio, television and communication apparatus and professional equipment (-1,6 percentage points);
- textiles, clothing, leather and footwear (-1,4 percentage points);
- basic iron and steel, non-ferrous metal products, metal products and machinery (-1,0 percentage point);
- motor vehicles, parts and accessories and other transport equipment (-1,0 percentage point); and
- furniture and 'other' manufacturing (-0,9 of a percentage point).

The highest rates of utilisation of production capacity for 2019 were reported in the following divisions:

- petroleum, chemical products, rubber and plastic products (83,8%);
- motor vehicles, parts and accessories and other transport equipment (82,9%);
- food and beverages (82,4%);
- wood and wood products, paper, publishing and printing (82,0%); and
- furniture and 'other' manufacturing (81,4%) – see Table 1, page 5.

**Risenga Maluleke**  
**Statistician-General**

## Tables

Table 1 – Utilisation and reasons for under-utilisation by division and major group

| Manufacturing divisions and major groups 1/ |                |      |      | Utilisation | Reasons for under-utilisation |               |         |                     |                     |       |
|---|----------------|------|------|-------------|-------------------------------|---------------|---------|---------------------|---------------------|-------|
|   |                |      |      |             | Total under-utilisation       | Shortage of   |         |                     | Insufficient demand | Other |
|   |                |      |      |             |                               | Raw materials | Labour  |                     |                     |       |
|   |                |      |      |             |                               |               | Skilled | Semi- and unskilled |                     |       |
| Division: Food and beverages                | Weight = 26,64 | 2017 | Year | 82,5        | 17,5                          | 2,5           | 1,3     | 0,3                 | 10,2                | 3,2   |
|   |                |      | 2018 | Feb         | 81,4                          | 18,6          | 2,5     | 1,3                 | 0,3                 | 10,8  |
|   |                | May  |      | 81,1        | 18,9                          | 2,6           | 1,2     | 0,4                 | 10,5                | 4,2   |
|   |                | Aug  |      | 80,8        | 19,2                          | 2,6           | 1,2     | 0,4                 | 10,9                | 4,1   |
|   |                | Nov  |      | 84,2        | 15,8                          | 1,8           | 0,9     | 0,3                 | 8,9                 | 3,9   |
|   |                | Year |      | 81,9        | 18,1                          | 2,4           | 1,2     | 0,4                 | 10,3                | 4,0   |
|   |                | 2019 |      | Feb         | 81,4                          | 18,6          | 1,9     | 1,0                 | 0,3                 | 10,9  |
|   |                |      | May  | 81,6        | 18,4                          | 2,4           | 1,2     | 0,2                 | 10,9                | 3,7   |
|   |                |      | Aug  | 82,1        | 17,9                          | 2,5           | 1,2     | 0,2                 | 10,4                | 3,6   |
|   |                |      | Nov  | 84,3        | 15,7                          | 2,1           | 1,2     | 0,2                 | 8,9                 | 3,3   |
|   |                |      | Year | 82,4        | 17,7                          | 2,2           | 1,2     | 0,2                 | 10,3                | 3,8   |

| Manufacturing divisions and major groups 1/ |                |      |      | Utilisation | Reasons for under-utilisation |               |         |                     |                     |       |
|---|----------------|------|------|-------------|-------------------------------|---------------|---------|---------------------|---------------------|-------|
|   |                |      |      |             | Total under-utilisation       | Shortage of   |         |                     | Insufficient demand | Other |
|   |                |      |      |             |                               | Raw materials | Labour  |                     |                     |       |
|   |                |      |      |             |                               |               | Skilled | Semi- and unskilled |                     |       |
| Food and food products                      | Weight = 20,35 | 2017 | Year | 81,8        | 18,3                          | 2,2           | 1,4     | 0,4                 | 11,0                | 3,4   |
|   |                |      | 2018 | Feb         | 80,7                          | 19,3          | 1,9     | 1,4                 | 0,3                 | 11,5  |
|   |                | May  |      | 80,2        | 19,8                          | 2,2           | 1,3     | 0,5                 | 11,3                | 4,6   |
|   |                | Aug  |      | 80,7        | 19,3                          | 1,9           | 1,3     | 0,4                 | 11,5                | 4,2   |
|   |                | Nov  |      | 83,0        | 17,0                          | 1,6           | 0,9     | 0,3                 | 10,0                | 4,2   |
|   |                | Year |      | 81,2        | 18,9                          | 1,9           | 1,2     | 0,4                 | 11,1                | 4,3   |
|   |                | 2019 |      | Feb         | 80,5                          | 19,5          | 1,5     | 1,2                 | 0,3                 | 11,4  |
|   |                |      | May  | 81,1        | 18,9                          | 2,2           | 1,4     | 0,3                 | 11,0                | 4,1   |
|   |                |      | Aug  | 81,4        | 18,6                          | 2,0           | 1,3     | 0,3                 | 11,0                | 4,2   |
|   |                |      | Nov  | 82,8        | 17,2                          | 2,3           | 1,2     | 0,2                 | 9,9                 | 3,7   |
|   |                |      | Year | 81,5        | 18,6                          | 2,0           | 1,3     | 0,3                 | 10,8                | 4,3   |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |         |                     |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|---------|---------------------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |         |                     | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour  |                     |                     |       |
|   |               |      |      |             |                               |               | Skilled | Semi- and unskilled |                     |       |
| Beverages                                   | Weight = 6,29 | 2017 | Year | 84,9        | 15,1                          | 3,4           | 0,9     | 0,3                 | 7,8                 | 2,8   |
|   |               |      | 2018 | Feb         | 83,4                          | 16,6          | 4,4     | 0,9                 | 0,3                 | 8,5   |
|   |               | May  |      | 83,8        | 16,2                          | 3,7           | 0,9     | 0,3                 | 8,3                 | 3,0   |
|   |               | Aug  |      | 81,4        | 18,6                          | 4,6           | 0,7     | 0,3                 | 9,3                 | 3,7   |
|   |               | Nov  |      | 88,5        | 11,5                          | 2,5           | 0,7     | 0,2                 | 5,5                 | 2,7   |
|   |               | Year |      | 84,3        | 15,7                          | 3,8           | 0,8     | 0,3                 | 7,9                 | 3,0   |
|   |               | 2019 |      | Feb         | 84,2                          | 15,8          | 3,0     | 0,7                 | 0,2                 | 9,6   |
|   |               |      | May  | 83,1        | 16,9                          | 3,0           | 0,7     | 0,2                 | 10,8                | 2,2   |
|   |               |      | Aug  | 84,3        | 15,7                          | 4,1           | 1,1     | 0,2                 | 8,6                 | 1,7   |
|   |               |      | Nov  | 89,3        | 10,7                          | 1,8           | 1,2     | 0,2                 | 5,7                 | 1,9   |
|   |               |      | Year | 85,2        | 14,8                          | 3,0           | 0,9     | 0,2                 | 8,7                 | 2,0   |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/        |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|--|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|  |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|  |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|  |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Division: Textiles, clothing, leather and footwear | Weight = 3,12 | 2017 | Year | 72,5        | 27,5                          | 1,7           | 0,9    | 0,3  | 21,8                | 2,8   |
|  |               | 2018 | Feb  | 72,7        | 27,3                          | 1,8           | 0,9    | 0,4  | 21,3                | 2,9   |
|  |               |      | May  | 72,4        | 27,6                          | 1,8           | 1,0    | 0,3  | 21,8                | 2,7   |
|  |               |      | Aug  | 72,5        | 27,5                          | 1,7           | 0,9    | 0,3  | 21,9                | 2,7   |
|  |               |      | Nov  | 73,1        | 26,9                          | 1,3           | 0,8    | 0,3  | 21,8                | 2,7   |
|  |               |      | Year | 72,7        | 27,3                          | 1,7           | 0,9    | 0,3  | 21,7                | 2,8   |
|  | 2019          | Feb  | 72,1 | 27,9        | 1,2                           | 0,9           | 0,3    | 22,6 | 2,9                 |       |
|  |               | May  | 71,1 | 28,9        | 1,7                           | 1,0           | 0,3    | 22,9 | 3,0                 |       |
|  |               | Aug  | 70,8 | 29,2        | 1,5                           | 0,9           | 0,3    | 23,4 | 3,1                 |       |
|  |               | Nov  | 71,3 | 28,7        | 1,4                           | 0,9           | 0,3    | 22,8 | 3,3                 |       |
|  |               | Year | 71,3 | 28,7        | 1,5                           | 0,9           | 0,3    | 22,9 | 3,1                 |       |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Textiles                                    | Weight = 1,18 | 2017 | Year | 65,6        | 34,4                          | 1,7           | 0,5    | 0,0  | 28,8                | 3,3   |
|   |               | 2018 | Feb  | 65,2        | 34,8                          | 1,6           | 0,6    | 0,1  | 28,9                | 3,5   |
|   |               |      | May  | 65,8        | 34,2                          | 1,8           | 0,6    | 0,0  | 28,5                | 3,4   |
|   |               |      | Aug  | 66,2        | 33,8                          | 1,9           | 0,8    | 0,0  | 27,6                | 3,5   |
|   |               |      | Nov  | 68,2        | 31,8                          | 1,2           | 0,5    | 0,0  | 27,2                | 2,9   |
|   |               |      | Year | 66,4        | 33,7                          | 1,6           | 0,6    | 0,0  | 28,1                | 3,3   |
|   | 2019          | Feb  | 67,4 | 32,6        | 1,1                           | 0,8           | 0,0    | 27,9 | 2,9                 |       |
|   |               | May  | 65,8 | 34,2        | 1,6                           | 0,5           | 0,0    | 28,9 | 3,1                 |       |
|   |               | Aug  | 65,9 | 34,1        | 1,7                           | 0,6           | 0,0    | 28,8 | 2,9                 |       |
|   |               | Nov  | 66,4 | 33,6        | 1,7                           | 0,6           | 0,0    | 28,5 | 2,8                 |       |
|   |               | Year | 66,4 | 33,6        | 1,5                           | 0,6           | 0,0    | 28,5 | 2,9                 |       |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Wearing apparel                             | Weight = 1,13 | 2017 | Year | 75,8        | 24,2                          | 0,6           | 1,4    | 0,4  | 18,4                | 3,6   |
|   |               | 2018 | Feb  | 75,9        | 24,1                          | 0,6           | 1,5    | 0,4  | 18,1                | 3,6   |
|   |               |      | May  | 75,2        | 24,8                          | 0,5           | 1,6    | 0,4  | 18,9                | 3,5   |
|   |               |      | Aug  | 75,0        | 25,0                          | 0,6           | 1,3    | 0,4  | 19,2                | 3,5   |
|   |               |      | Nov  | 75,4        | 24,6                          | 0,6           | 1,3    | 0,4  | 18,9                | 3,5   |
|   |               |      | Year | 75,4        | 24,6                          | 0,6           | 1,4    | 0,4  | 18,8                | 3,5   |
|   | 2019          | Feb  | 76,0 | 24,0        | 0,5                           | 1,4           | 0,4    | 18,3 | 3,5                 |       |
|   |               | May  | 75,5 | 24,5        | 0,6                           | 1,6           | 0,4    | 18,4 | 3,5                 |       |
|   |               | Aug  | 75,2 | 24,8        | 0,6                           | 1,3           | 0,4    | 19,0 | 3,5                 |       |
|   |               | Nov  | 75,6 | 24,4        | 0,6                           | 1,3           | 0,4    | 18,7 | 3,5                 |       |
|   |               | Year | 75,6 | 24,4        | 0,6                           | 1,4           | 0,4    | 18,6 | 3,5                 |       |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Leather and leather products                | Weight = 0,46 | 2017 | Year | 72,8        | 27,2                          | 4,7           | 0,7    | 1,3  | 18,8                | 1,9   |
|   |               |      | 2018 | Feb         | 74,2                          | 25,8          | 5,2    | 0,6  | 1,2                 | 17,3  |
|   |               | May  |      | 72,9        | 27,1                          | 5,4           | 0,6    | 1,2  | 18,6                | 1,3   |
|   |               | Aug  |      | 69,7        | 30,3                          | 4,8           | 0,6    | 1,2  | 22,8                | 1,0   |
|   |               | Nov  |      | 68,1        | 31,9                          | 3,9           | 0,6    | 1,2  | 23,9                | 2,4   |
|   |               | Year |      | 71,2        | 28,8                          | 4,8           | 0,6    | 1,2  | 20,7                | 1,6   |
|   |               | 2019 | Feb  | 61,1        | 38,9                          | 3,4           | 0,6    | 1,2  | 29,8                | 4,1   |
|   | May           |      | 63,4 | 36,6        | 3,7                           | 0,6           | 1,2    | 27,4 | 3,8                 |       |
|   | Aug           |      | 61,6 | 38,4        | 3,7                           | 0,6           | 1,2    | 29,2 | 3,8                 |       |
|   | Nov           |      | 61,3 | 38,7        | 2,7                           | 0,6           | 1,2    | 29,4 | 4,8                 |       |
|   | Year          |      | 61,9 | 38,2        | 3,4                           | 0,6           | 1,2    | 29,0 | 4,1                 |       |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Footwear                                    | Weight = 0,35 | 2017 | Year | 84,3        | 15,7                          | 2,0           | 0,9    | 0,0  | 12,6                | 0,3   |
|   |               |      | 2018 | Feb         | 86,0                          | 14,0          | 1,9    | 0,7  | 0,0                 | 11,4  |
|   |               | May  |      | 85,3        | 14,7                          | 1,5           | 0,7    | 0,0  | 12,5                | 0,0   |
|   |               | Aug  |      | 88,3        | 11,7                          | 0,9           | 0,3    | 0,0  | 10,5                | 0,0   |
|   |               | Nov  |      | 88,6        | 11,4                          | 0,8           | 0,3    | 0,0  | 10,3                | 0,0   |
|   |               | Year |      | 87,1        | 13,0                          | 1,3           | 0,5    | 0,0  | 11,2                | 0,0   |
|   |               | 2019 | Feb  | 88,7        | 11,3                          | 1,1           | 0,5    | 0,0  | 9,7                 | 0,0   |
|   | May           |      | 84,3 | 15,7        | 3,5                           | 0,7           | 0,0    | 11,4 | 0,0                 |       |
|   | Aug           |      | 86,1 | 13,9        | 0,7                           | 0,7           | 0,0    | 11,4 | 1,1                 |       |
|   | Nov           |      | 87,7 | 12,3        | 1,1                           | 1,5           | 0,0    | 7,6  | 2,2                 |       |
|   | Year          |      | 86,7 | 13,3        | 1,6                           | 0,9           | 0,0    | 10,0 | 0,8                 |       |

| Manufacturing divisions and major groups 1/    |                |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|--|----------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|  |                |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|  |                |      |      |             |                               | Raw materials | Labour |      |                     |       |
|  |                |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Division: Wood, paper, publishing and printing | Weight = 11,45 | 2017 | Year | 83,1        | 17,0                          | 1,1           | 1,1    | 0,2  | 10,7                | 3,9   |
|  |                |      | 2018 | Feb         | 82,4                          | 17,6          | 1,1    | 1,1  | 0,2                 | 11,2  |
|  |                | May  |      | 82,6        | 17,4                          | 1,2           | 1,1    | 0,2  | 10,8                | 4,1   |
|  |                | Aug  |      | 82,6        | 17,4                          | 1,2           | 1,1    | 0,1  | 10,8                | 4,2   |
|  |                | Nov  |      | 82,4        | 17,6                          | 1,3           | 1,2    | 0,1  | 10,1                | 4,9   |
|  |                | Year |      | 82,5        | 17,5                          | 1,2           | 1,1    | 0,2  | 10,7                | 4,3   |
|  |                | 2019 | Feb  | 82,3        | 17,7                          | 1,2           | 1,0    | 0,1  | 11,1                | 4,3   |
|  | May            |      | 81,8 | 18,2        | 1,1                           | 1,0           | 0,1    | 11,5 | 4,5                 |       |
|  | Aug            |      | 81,7 | 18,3        | 1,5                           | 1,1           | 0,1    | 11,8 | 3,8                 |       |
|  | Nov            |      | 82,3 | 17,7        | 1,3                           | 1,1           | 0,1    | 11,5 | 3,7                 |       |
|  | Year           |      | 82,0 | 18,0        | 1,3                           | 1,1           | 0,1    | 11,5 | 4,1                 |       |

1/ Data for the latest two months are preliminary.



| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Wood and products of wood                   | Weight = 4,30 | 2017 | Year    | 84,2                | 15,9                          | 1,5           | 0,9    | 0,0  | 8,9                 | 4,6   |
|   |               | 2018 | Feb     | 84,0                | 16,0                          | 1,5           | 0,8    | 0,0  | 9,3                 | 4,4   |
|   |               |      | May     | 83,8                | 16,2                          | 1,6           | 0,8    | 0,1  | 8,7                 | 5,0   |
|   |               |      | Aug     | 82,8                | 17,2                          | 1,6           | 0,9    | 0,0  | 9,1                 | 5,7   |
|   |               |      | Nov     | 80,3                | 19,7                          | 1,6           | 0,8    | 0,0  | 9,3                 | 7,9   |
|   |               |      | Year    | 82,7                | 17,3                          | 1,6           | 0,8    | 0,0  | 9,1                 | 5,8   |
|   | 2019          | Feb  | 83,3    | 16,7                | 1,7                           | 0,7           | 0,0    | 9,4  | 4,9                 |       |
|   |               | May  | 82,9    | 17,1                | 1,9                           | 0,7           | 0,0    | 9,3  | 5,3                 |       |
|   |               | Aug  | 82,4    | 17,6                | 2,7                           | 0,8           | 0,0    | 10,5 | 3,6                 |       |
|   |               | Nov  | 81,9    | 18,1                | 2,3                           | 0,9           | 0,0    | 10,8 | 4,1                 |       |
|   |               | Year | 82,6    | 17,4                | 2,2                           | 0,8           | 0,0    | 10,0 | 4,5                 |       |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Paper and paper products                    | Weight = 4,14 | 2017 | Year    | 87,1                | 12,9                          | 0,6           | 1,3    | 0,0 | 6,0                 | 5,1   |
|   |               | 2018 | Feb     | 85,4                | 14,6                          | 0,9           | 1,3    | 0,0 | 6,9                 | 5,5   |
|   |               |      | May     | 87,0                | 13,0                          | 0,8           | 1,2    | 0,0 | 5,9                 | 5,1   |
|   |               |      | Aug     | 86,2                | 13,8                          | 0,6           | 1,4    | 0,0 | 7,1                 | 4,8   |
|   |               |      | Nov     | 87,2                | 12,8                          | 1,3           | 1,5    | 0,0 | 5,3                 | 4,7   |
|   |               |      | Year    | 86,5                | 13,6                          | 0,9           | 1,4    | 0,0 | 6,3                 | 5,0   |
|   | 2019          | Feb  | 85,5    | 14,5                | 0,8                           | 1,1           | 0,0    | 7,5 | 5,1                 |       |
|   |               | May  | 86,1    | 13,9                | 0,3                           | 1,4           | 0,0    | 7,2 | 4,9                 |       |
|   |               | Aug  | 85,6    | 14,4                | 0,6                           | 1,3           | 0,0    | 7,1 | 5,4                 |       |
|   |               | Nov  | 85,9    | 14,1                | 0,6                           | 1,4           | 0,0    | 7,0 | 5,1                 |       |
|   |               | Year | 85,8    | 14,2                | 0,6                           | 1,3           | 0,0    | 7,2 | 5,1                 |       |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Publishing, printing and recording media    | Weight = 3,01 | 2017 | Year    | 75,7                | 24,3                          | 1,2           | 1,4    | 0,7  | 20,0                | 1,3   |
|   |               | 2018 | Feb     | 75,9                | 24,1                          | 1,0           | 1,3    | 0,7  | 20,0                | 1,2   |
|   |               |      | May     | 74,5                | 25,5                          | 1,4           | 1,4    | 0,5  | 20,7                | 1,5   |
|   |               |      | Aug     | 76,9                | 23,1                          | 1,4           | 1,2    | 0,5  | 18,6                | 1,4   |
|   |               |      | Nov     | 78,8                | 21,2                          | 0,8           | 1,1    | 0,5  | 17,7                | 1,1   |
|   |               |      | Year    | 76,5                | 23,5                          | 1,2           | 1,3    | 0,6  | 19,3                | 1,3   |
|   | 2019          | Feb  | 76,7    | 23,3                | 1,2                           | 1,1           | 0,5    | 18,5 | 2,1                 |       |
|   |               | May  | 74,3    | 25,7                | 1,0                           | 0,8           | 0,5    | 20,7 | 2,7                 |       |
|   |               | Aug  | 75,4    | 24,6                | 1,1                           | 1,2           | 0,5    | 20,0 | 1,8                 |       |
|   |               | Nov  | 77,7    | 22,3                | 0,8                           | 1,0           | 0,5    | 18,8 | 1,2                 |       |
|   |               | Year | 76,0    | 24,0                | 1,0                           | 1,0           | 0,5    | 19,5 | 2,0                 |       |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/                         |                |      |      | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|----------------|------|------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |                |      |      |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |                |      |      |             |                               | Raw materials | Labour |     |                     |       |
|   |                |      |      | Skilled     | Semi- and unskilled           |               |        |     |                     |       |
| Division: Petroleum, chemical products, rubber and plastic products | Weight = 23,07 | 2017 | Year | 83,5        | 16,5                          | 1,7           | 0,6    | 0,1 | 7,0                 | 7,2   |
|   |                | 2018 | Feb  | 82,1        | 17,9                          | 1,6           | 0,5    | 0,1 | 6,4                 | 9,3   |
|   |                |      | May  | 82,6        | 17,4                          | 2,0           | 0,5    | 0,1 | 6,8                 | 8,0   |
|   |                |      | Aug  | 83,9        | 16,1                          | 1,9           | 0,5    | 0,1 | 7,0                 | 6,6   |
|   |                |      | Nov  | 87,1        | 12,9                          | 1,3           | 0,6    | 0,1 | 6,3                 | 4,6   |
|   |                |      | Year | 83,9        | 16,1                          | 1,7           | 0,5    | 0,1 | 6,6                 | 7,1   |
|   |                | 2019 | Feb  | 84,4        | 15,6                          | 2,1           | 0,6    | 0,1 | 7,0                 | 5,8   |
|   |                |      | May  | 84,4        | 15,6                          | 2,6           | 0,5    | 0,1 | 7,0                 | 5,4   |
|   |                |      | Aug  | 83,2        | 16,8                          | 3,7           | 0,5    | 0,1 | 7,3                 | 5,2   |
|   |                |      | Nov  | 83,0        | 17,0                          | 4,2           | 0,6    | 0,1 | 7,0                 | 5,1   |
|   |                |      | Year | 83,8        | 16,3                          | 3,2           | 0,6    | 0,1 | 7,1                 | 5,4   |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |     |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |     |                     |       |
| Coke, petroleum products and nuclear fuel   | Weight = 8,67 | 2017 | Year | 80,8        | 19,2                          | 1,7           | 0,0    | 0,0 | 2,9                 | 14,5  |
|   |               | 2018 | Feb  | 77,1        | 22,9                          | 1,9           | 0,0    | 0,0 | 1,6                 | 19,4  |
|   |               |      | May  | 79,2        | 20,8                          | 2,4           | 0,0    | 0,0 | 2,4                 | 16,0  |
|   |               |      | Aug  | 83,4        | 16,6                          | 1,8           | 0,0    | 0,0 | 2,9                 | 12,0  |
|   |               |      | Nov  | 87,1        | 12,9                          | 1,6           | 0,0    | 0,0 | 2,9                 | 8,5   |
|   |               |      | Year | 81,7        | 18,3                          | 1,9           | 0,0    | 0,0 | 2,5                 | 14,0  |
|   |               | 2019 | Feb  | 83,7        | 16,3                          | 2,7           | 0,0    | 0,0 | 1,5                 | 12,0  |
|   |               |      | May  | 84,4        | 15,6                          | 4,8           | 0,0    | 0,0 | 1,5                 | 9,4   |
|   |               |      | Aug  | 82,4        | 17,6                          | 7,0           | 0,0    | 0,0 | 1,5                 | 9,1   |
|   |               |      | Nov  | 81,3        | 18,7                          | 7,9           | 0,0    | 0,0 | 1,5                 | 9,3   |
|   |               |      | Year | 83,0        | 17,1                          | 5,6           | 0,0    | 0,0 | 1,5                 | 10,0  |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |     |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |     |                     |       |
| Basic chemicals                             | Weight = 4,29 | 2017 | Year | 86,1        | 13,9                          | 1,9           | 0,3    | 0,0 | 7,5                 | 4,3   |
|   |               | 2018 | Feb  | 85,1        | 14,9                          | 1,0           | 0,3    | 0,0 | 7,3                 | 6,3   |
|   |               |      | May  | 85,1        | 14,9                          | 1,8           | 0,3    | 0,0 | 6,6                 | 6,2   |
|   |               |      | Aug  | 83,0        | 17,0                          | 2,6           | 0,2    | 0,1 | 7,7                 | 6,5   |
|   |               |      | Nov  | 89,4        | 10,6                          | 0,9           | 0,4    | 0,0 | 6,3                 | 3,0   |
|   |               |      | Year | 85,7        | 14,4                          | 1,6           | 0,3    | 0,0 | 7,0                 | 5,5   |
|   |               | 2019 | Feb  | 84,8        | 15,2                          | 1,9           | 0,4    | 0,0 | 8,9                 | 4,0   |
|   |               |      | May  | 83,4        | 16,6                          | 1,6           | 0,4    | 0,0 | 8,7                 | 5,9   |
|   |               |      | Aug  | 83,1        | 16,9                          | 2,0           | 0,3    | 0,0 | 9,5                 | 5,1   |
|   |               |      | Nov  | 85,2        | 14,8                          | 1,6           | 0,3    | 0,0 | 9,2                 | 3,7   |
|   |               |      | Year | 84,1        | 15,9                          | 1,8           | 0,4    | 0,0 | 9,1                 | 4,7   |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Other chemical products                     | Weight = 6,19 | 2017 | Year    | 85,4                | 14,6                          | 2,4           | 0,9    | 0,2 | 8,9                 | 2,3   |
|   |               |      | 2018    | Feb                 | 86,5                          | 13,5          | 2,2    | 0,8 | 0,1                 | 8,5   |
|   |               | May  |         | 84,4                | 15,6                          | 2,6           | 0,8    | 0,2 | 9,8                 | 2,2   |
|   |               | Aug  |         | 84,7                | 15,3                          | 2,3           | 0,8    | 0,2 | 9,9                 | 2,2   |
|   |               | Nov  |         | 87,0                | 13,0                          | 1,6           | 0,9    | 0,1 | 8,6                 | 1,8   |
|   |               | Year |         | 85,7                | 14,4                          | 2,2           | 0,8    | 0,2 | 9,2                 | 2,0   |
|   |               | 2019 | Feb     | 85,9                | 14,1                          | 2,2           | 0,9    | 0,1 | 9,7                 | 1,2   |
|   |               |      | May     | 85,3                | 14,7                          | 1,7           | 0,7    | 0,4 | 9,9                 | 2,0   |
|   |               |      | Aug     | 84,0                | 16,0                          | 2,1           | 0,5    | 0,4 | 10,9                | 2,2   |
|   |               |      | Nov     | 84,2                | 15,8                          | 2,3           | 0,5    | 0,4 | 10,2                | 2,4   |
|   |               |      | Year    | 84,9                | 15,2                          | 2,1           | 0,7    | 0,3 | 10,2                | 2,0   |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Rubber products                             | Weight = 1,24 | 2017 | Year    | 83,8                | 16,2                          | 0,4           | 2,8    | 0,0 | 11,2                | 2,0   |
|   |               |      | 2018    | Feb                 | 81,4                          | 18,6          | 0,4    | 1,7 | 0,0                 | 13,7  |
|   |               | May  |         | 84,1                | 15,9                          | 0,4           | 2,4    | 0,0 | 10,5                | 2,6   |
|   |               | Aug  |         | 85,5                | 14,5                          | 0,4           | 2,4    | 0,0 | 9,0                 | 2,7   |
|   |               | Nov  |         | 85,2                | 14,8                          | 0,3           | 3,7    | 0,0 | 9,4                 | 1,4   |
|   |               | Year |         | 84,1                | 16,0                          | 0,4           | 2,6    | 0,0 | 10,7                | 2,4   |
|   |               | 2019 | Feb     | 84,8                | 15,2                          | 0,4           | 3,7    | 0,0 | 9,7                 | 1,4   |
|   |               |      | May     | 84,9                | 15,1                          | 0,5           | 3,7    | 0,0 | 9,6                 | 1,4   |
|   |               |      | Aug     | 83,6                | 16,4                          | 0,5           | 3,7    | 0,0 | 10,3                | 1,9   |
|   |               |      | Nov     | 80,7                | 19,3                          | 3,4           | 5,5    | 0,0 | 9,1                 | 1,4   |
|   |               |      | Year    | 83,5                | 16,5                          | 1,2           | 4,2    | 0,0 | 9,7                 | 1,5   |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Plastic products                            | Weight = 2,68 | 2017 | Year    | 83,6                | 16,4                          | 0,7           | 1,1    | 0,3 | 12,8                | 1,5   |
|   |               |      | 2018    | Feb                 | 83,4                          | 16,6          | 1,0    | 1,4 | 0,2                 | 12,5  |
|   |               | May  |         | 84,2                | 15,8                          | 0,6           | 1,1    | 0,2 | 12,5                | 1,4   |
|   |               | Aug  |         | 84,3                | 15,7                          | 0,9           | 1,1    | 0,2 | 12,0                | 1,6   |
|   |               | Nov  |         | 84,9                | 15,1                          | 0,9           | 0,7    | 0,2 | 11,0                | 2,3   |
|   |               | Year |         | 84,2                | 15,8                          | 0,9           | 1,1    | 0,2 | 12,0                | 1,7   |
|   |               | 2019 | Feb     | 82,7                | 17,3                          | 0,9           | 0,8    | 0,2 | 14,2                | 1,3   |
|   |               |      | May     | 82,7                | 17,3                          | 0,9           | 0,6    | 0,2 | 14,0                | 1,6   |
|   |               |      | Aug     | 83,1                | 16,9                          | 1,1           | 1,0    | 0,4 | 13,0                | 1,4   |
|   |               |      | Nov     | 83,3                | 16,7                          | 1,0           | 0,9    | 0,3 | 13,1                | 1,5   |
|   |               |      | Year    | 83,0                | 17,1                          | 1,0           | 0,8    | 0,3 | 13,6                | 1,5   |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/       |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Division: Glass and non-metallic mineral products | Weight = 3,18 | 2017 | Year    | 81,0                | 19,0                          | 0,2           | 0,2    | 0,0  | 14,5                | 4,1   |
|   |               |      | 2018    | Feb                 | 80,4                          | 19,6          | 0,2    | 0,2  | 0,0                 | 15,0  |
|   |               | May  |         | 80,5                | 19,5                          | 0,3           | 0,1    | 0,0  | 14,3                | 4,8   |
|   |               | Aug  |         | 82,2                | 17,8                          | 1,0           | 0,1    | 0,0  | 13,2                | 3,5   |
|   |               | Nov  |         | 82,8                | 17,2                          | 0,0           | 0,0    | 0,0  | 14,0                | 3,2   |
|   |               | Year |         | 81,5                | 18,5                          | 0,4           | 0,1    | 0,0  | 14,1                | 3,9   |
|   | 2019          | Feb  | 78,1    | 21,9                | 0,7                           | 0,3           | 0,0    | 15,8 | 5,1                 |       |
|   |               | May  | 78,6    | 21,4                | 0,2                           | 0,3           | 0,0    | 16,2 | 4,7                 |       |
|   |               | Aug  | 76,2    | 23,8                | 1,9                           | 0,0           | 0,0    | 16,9 | 5,0                 |       |
|   |               | Nov  | 78,9    | 21,1                | 1,7                           | 0,0           | 0,0    | 13,8 | 5,6                 |       |
|   |               | Year | 78,0    | 22,1                | 1,1                           | 0,2           | 0,0    | 15,7 | 5,1                 |       |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Glass and glass products                    | Weight = 0,66 | 2017 | Year    | 83,6                | 16,5                          | 0,0           | 0,0    | 0,0  | 15,4                | 1,1   |
|   |               |      | 2018    | Feb                 | 82,3                          | 17,7          | 0,0    | 0,0  | 0,0                 | 16,6  |
|   |               | May  |         | 84,9                | 15,1                          | 0,0           | 0,0    | 0,0  | 14,0                | 1,1   |
|   |               | Aug  |         | 87,2                | 12,8                          | 0,0           | 0,0    | 0,0  | 11,7                | 1,1   |
|   |               | Nov  |         | 88,6                | 11,4                          | 0,0           | 0,0    | 0,0  | 10,3                | 1,1   |
|   |               | Year |         | 85,8                | 14,3                          | 0,0           | 0,0    | 0,0  | 13,2                | 1,1   |
|   | 2019          | Feb  | 86,2    | 13,8                | 0,0                           | 0,0           | 0,0    | 12,7 | 1,1                 |       |
|   |               | May  | 89,9    | 10,1                | 0,0                           | 0,0           | 0,0    | 9,0  | 1,1                 |       |
|   |               | Aug  | 88,5    | 11,5                | 0,7                           | 0,0           | 0,0    | 9,8  | 1,1                 |       |
|   |               | Nov  | 89,9    | 10,1                | 0,7                           | 0,0           | 0,0    | 8,4  | 1,1                 |       |
|   |               | Year | 88,6    | 11,4                | 0,4                           | 0,0           | 0,0    | 10,0 | 1,1                 |       |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Other non-metallic mineral products         | Weight = 2,52 | 2017 | Year    | 80,3                | 19,7                          | 0,3           | 0,2    | 0,1  | 14,3                | 4,9   |
|   |               |      | 2018    | Feb                 | 79,9                          | 20,1          | 0,2    | 0,3  | 0,0                 | 14,6  |
|   |               | May  |         | 79,3                | 20,7                          | 0,4           | 0,1    | 0,0  | 14,4                | 5,7   |
|   |               | Aug  |         | 81,0                | 19,0                          | 1,2           | 0,1    | 0,0  | 13,6                | 4,1   |
|   |               | Nov  |         | 81,2                | 18,8                          | 0,0           | 0,0    | 0,0  | 15,0                | 3,8   |
|   |               | Year |         | 80,4                | 19,7                          | 0,5           | 0,1    | 0,0  | 14,4                | 4,7   |
|   | 2019          | Feb  | 76,0    | 24,0                | 0,9                           | 0,4           | 0,0    | 16,6 | 6,2                 |       |
|   |               | May  | 75,6    | 24,4                | 0,2                           | 0,4           | 0,0    | 18,1 | 5,7                 |       |
|   |               | Aug  | 73,0    | 27,0                | 2,3                           | 0,1           | 0,0    | 18,7 | 6,0                 |       |
|   |               | Nov  | 75,9    | 24,1                | 2,0                           | 0,0           | 0,0    | 15,2 | 6,8                 |       |
|   |               | Year | 75,1    | 24,9                | 1,4                           | 0,2           | 0,0    | 17,2 | 6,2                 |       |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/  |                |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|--|----------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|  |                |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|  |                |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|  |                | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Division: Basic iron and steel, non-ferrous metal products, metal products and machinery | Weight = 18,69 | 2017    | Year                | 77,8        | 22,2                          | 2,8           | 1,5    | 0,1 | 15,2                | 2,6   |
|  |                |         | 2018                | Feb         | 76,3                          | 23,7          | 2,8    | 1,5 | 0,1                 | 16,1  |
|  |                | May     |                     | 76,9        | 23,1                          | 3,4           | 1,5    | 0,1 | 15,6                | 2,5   |
|  |                | Aug     |                     | 77,2        | 22,8                          | 2,9           | 1,5    | 0,0 | 15,8                | 2,6   |
|  |                | Nov     |                     | 77,6        | 22,4                          | 2,9           | 1,4    | 0,0 | 15,9                | 2,2   |
|  |                | Year    |                     | 77,0        | 23,0                          | 3,0           | 1,5    | 0,1 | 15,9                | 2,6   |
|  |                | 2019    | Feb                 | 76,6        | 23,4                          | 3,0           | 1,4    | 0,0 | 16,7                | 2,3   |
|  |                |         | May                 | 77,9        | 22,1                          | 3,1           | 1,6    | 0,1 | 15,1                | 2,2   |
|  |                |         | Aug                 | 74,5        | 25,5                          | 3,1           | 1,5    | 0,1 | 18,0                | 2,8   |
|  |                |         | Nov                 | 75,0        | 25,0                          | 3,5           | 1,7    | 0,0 | 16,3                | 3,5   |
|  |                |         | Year                | 76,0        | 24,0                          | 3,2           | 1,6    | 0,1 | 16,5                | 2,7   |

| Manufacturing divisions and major groups 1/ |               |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|   |               | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Basic iron and steel products               | Weight = 3,57 | 2017    | Year                | 77,1        | 23,0                          | 6,0           | 3,9    | 0,0 | 8,7                 | 4,4   |
|   |               |         | 2018                | Feb         | 74,7                          | 25,3          | 6,2    | 3,9 | 0,0                 | 10,4  |
|   |               | May     |                     | 76,3        | 23,7                          | 6,8           | 3,9    | 0,0 | 9,9                 | 3,1   |
|   |               | Aug     |                     | 75,3        | 24,7                          | 5,2           | 3,8    | 0,0 | 10,0                | 5,7   |
|   |               | Nov     |                     | 78,1        | 21,9                          | 5,0           | 3,6    | 0,0 | 11,1                | 2,2   |
|   |               | Year    |                     | 76,1        | 23,9                          | 5,8           | 3,8    | 0,0 | 10,4                | 3,9   |
|   |               | 2019    | Feb                 | 77,9        | 22,1                          | 5,2           | 3,3    | 0,1 | 11,0                | 2,6   |
|   |               |         | May                 | 76,6        | 23,4                          | 6,4           | 4,4    | 0,0 | 9,8                 | 2,8   |
|   |               |         | Aug                 | 69,4        | 30,6                          | 6,8           | 4,3    | 0,0 | 16,2                | 3,3   |
|   |               |         | Nov                 | 69,0        | 31,0                          | 6,4           | 4,0    | 0,1 | 14,5                | 6,0   |
|   |               |         | Year                | 73,2        | 26,8                          | 6,2           | 4,0    | 0,1 | 12,9                | 3,7   |

| Manufacturing divisions and major groups 1/ |               |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|   |               | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Non-ferrous metal products                  | Weight = 2,58 | 2017    | Year                | 78,4        | 21,6                          | 1,2           | 0,3    | 0,1 | 14,9                | 5,0   |
|   |               |         | 2018                | Feb         | 77,8                          | 22,2          | 0,5    | 0,7 | 0,2                 | 13,9  |
|   |               | May     |                     | 80,3        | 19,7                          | 0,7           | 0,2    | 0,0 | 15,5                | 3,3   |
|   |               | Aug     |                     | 81,3        | 18,7                          | 0,8           | 0,2    | 0,0 | 15,2                | 2,5   |
|   |               | Nov     |                     | 80,9        | 19,1                          | 0,5           | 0,2    | 0,0 | 16,1                | 2,3   |
|   |               | Year    |                     | 80,1        | 19,9                          | 0,6           | 0,3    | 0,1 | 15,2                | 3,8   |
|   |               | 2019    | Feb                 | 77,8        | 22,2                          | 1,1           | 0,3    | 0,0 | 17,5                | 3,4   |
|   |               |         | May                 | 80,5        | 19,5                          | 0,8           | 0,3    | 0,0 | 16,1                | 2,4   |
|   |               |         | Aug                 | 76,2        | 23,8                          | 0,8           | 0,2    | 0,0 | 17,9                | 4,9   |
|   |               |         | Nov                 | 76,9        | 23,1                          | 0,7           | 0,2    | 0,0 | 16,9                | 5,3   |
|   |               |         | Year                | 77,9        | 22,2                          | 0,9           | 0,3    | 0,0 | 17,1                | 4,0   |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/ |               |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|   |               | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Fabricated metal products                   | Weight = 5,78 | 2017    | Year                | 74,1        | 25,9                          | 2,3           | 1,6    | 0,2 | 19,0                | 2,9   |
|   |               |         | 2018                | Feb         | 72,9                          | 27,1          | 2,4    | 1,0 | 0,2                 | 19,9  |
|   |               | May     |                     | 74,1        | 25,9                          | 2,0           | 1,2    | 0,4 | 18,8                | 3,6   |
|   |               | Aug     |                     | 73,9        | 26,1                          | 2,2           | 1,4    | 0,1 | 19,4                | 3,0   |
|   |               | Nov     |                     | 73,7        | 26,3                          | 2,8           | 1,6    | 0,0 | 18,2                | 3,7   |
|   |               | Year    |                     | 73,7        | 26,4                          | 2,4           | 1,3    | 0,2 | 19,1                | 3,5   |
|   |               | 2019    |                     | Feb         | 72,7                          | 27,3          | 3,4    | 1,5 | 0,0                 | 19,0  |
|   |               |         | May                 | 74,6        | 25,4                          | 2,6           | 1,4    | 0,1 | 17,9                | 3,4   |
|   |               |         | Aug                 | 72,7        | 27,3                          | 2,1           | 1,4    | 0,2 | 19,3                | 4,3   |
|   |               |         | Nov                 | 72,2        | 27,8                          | 3,2           | 2,1    | 0,1 | 18,0                | 4,4   |
|   |               |         | Year                | 73,1        | 27,0                          | 2,8           | 1,6    | 0,1 | 18,6                | 3,9   |

| Manufacturing divisions and major groups 1/ |               |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|   |               | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Machinery and equipment                     | Weight = 6,76 | 2017    | Year                | 81,2        | 18,8                          | 2,1           | 0,7    | 0,1 | 15,6                | 0,5   |
|   |               |         | 2018                | Feb         | 79,4                          | 20,6          | 2,2    | 0,9 | 0,0                 | 16,7  |
|   |               | May     |                     | 78,3        | 21,7                          | 3,8           | 1,0    | 0,0 | 16,0                | 0,9   |
|   |               | Aug     |                     | 79,1        | 20,9                          | 3,2           | 0,9    | 0,1 | 16,0                | 0,7   |
|   |               | Nov     |                     | 79,1        | 20,9                          | 2,9           | 0,7    | 0,0 | 16,5                | 0,8   |
|   |               | Year    |                     | 79,0        | 21,0                          | 3,0           | 0,9    | 0,0 | 16,3                | 0,8   |
|   |               | 2019    |                     | Feb         | 78,9                          | 21,1          | 2,3    | 0,7 | 0,0                 | 17,4  |
|   |               |         | May                 | 80,6        | 19,4                          | 2,6           | 0,9    | 0,1 | 15,1                | 0,7   |
|   |               |         | Aug                 | 77,8        | 22,2                          | 2,9           | 0,7    | 0,1 | 18,0                | 0,6   |
|   |               |         | Nov                 | 79,9        | 20,1                          | 3,2           | 0,7    | 0,0 | 15,5                | 0,6   |
|   |               |         | Year                | 79,3        | 20,7                          | 2,8           | 0,8    | 0,1 | 16,5                | 0,7   |

| Manufacturing divisions and major groups 1/ |               |         |                     | Utilisation | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|---------|---------------------|-------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |         |                     |             | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |         |                     |             |                               | Raw materials | Labour |     |                     |       |
|   |               | Skilled | Semi- and unskilled |             |                               |               |        |     |                     |       |
| Division: Electrical machinery              | Weight = 1,64 | 2017    | Year                | 79,9        | 20,1                          | 1,2           | 1,0    | 0,4 | 16,7                | 0,9   |
|   |               |         | 2018                | Feb         | 79,1                          | 20,9          | 0,9    | 0,6 | 0,4                 | 18,6  |
|   |               | May     |                     | 78,1        | 21,9                          | 1,0           | 0,7    | 0,6 | 19,1                | 0,5   |
|   |               | Aug     |                     | 78,5        | 21,5                          | 1,2           | 1,0    | 0,7 | 18,3                | 0,2   |
|   |               | Nov     |                     | 77,8        | 22,2                          | 1,4           | 1,4    | 0,6 | 18,7                | 0,1   |
|   |               | Year    |                     | 78,4        | 21,6                          | 1,1           | 0,9    | 0,6 | 18,7                | 0,3   |
|   |               | 2019    |                     | Feb         | 78,7                          | 21,3          | 1,1    | 1,6 | 0,7                 | 17,5  |
|   |               |         | May                 | 79,8        | 20,3                          | 1,5           | 1,0    | 0,7 | 16,8                | 0,3   |
|   |               |         | Aug                 | 78,7        | 21,3                          | 1,0           | 1,1    | 0,2 | 18,8                | 0,2   |
|   |               |         | Nov                 | 78,4        | 21,6                          | 1,8           | 1,1    | 0,1 | 18,4                | 0,2   |
|   |               |         | Year                | 78,9        | 21,1                          | 1,4           | 1,2    | 0,4 | 17,9                | 0,3   |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/  |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|--|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|  |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|  |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|  |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Division: Radio, television and communication apparatus and professional equipment | Weight = 1,54 | 2017 | Year    | 85,2                | 14,8                          | 0,9           | 0,0    | 0,0  | 13,5                | 0,4   |
|  |               | 2018 | Feb     | 84,5                | 15,5                          | 0,8           | 0,0    | 0,0  | 14,1                | 0,6   |
|  |               |      | May     | 81,9                | 18,1                          | 1,1           | 0,0    | 0,0  | 16,4                | 0,6   |
|  |               |      | Aug     | 80,4                | 19,6                          | 1,3           | 0,0    | 0,0  | 17,2                | 1,1   |
|  |               |      | Nov     | 83,0                | 17,0                          | 1,1           | 0,0    | 0,0  | 14,8                | 1,1   |
|  |               |      | Year    | 82,5                | 17,6                          | 1,1           | 0,0    | 0,0  | 15,6                | 0,9   |
|  | 2019          | Feb  | 81,2    | 18,8                | 1,4                           | 0,0           | 0,0    | 16,3 | 1,1                 |       |
|  |               | May  | 81,7    | 18,3                | 1,5                           | 0,0           | 0,0    | 16,4 | 0,4                 |       |
|  |               | Aug  | 80,3    | 19,7                | 1,9                           | 0,0           | 0,0    | 17,4 | 0,4                 |       |
|  |               | Nov  | 80,5    | 19,5                | 1,9                           | 0,0           | 0,0    | 17,2 | 0,4                 |       |
|  |               | Year | 80,9    | 19,1                | 1,7                           | 0,0           | 0,0    | 16,8 | 0,6                 |       |

| Manufacturing divisions and major groups 1/   |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Radio, television and communication apparatus | Weight = 0,90 | 2017 | Year    | 84,7                | 15,3                          | 0,2           | 0,0    | 0,0  | 14,8                | 0,3   |
|   |               | 2018 | Feb     | 82,5                | 17,5                          | 0,3           | 0,0    | 0,0  | 16,5                | 0,7   |
|   |               |      | May     | 81,6                | 18,4                          | 0,3           | 0,0    | 0,0  | 17,4                | 0,7   |
|   |               |      | Aug     | 81,1                | 18,9                          | 0,7           | 0,0    | 0,0  | 16,6                | 1,6   |
|   |               |      | Nov     | 83,4                | 16,6                          | 0,7           | 0,0    | 0,0  | 14,4                | 1,6   |
|   |               |      | Year    | 82,2                | 17,9                          | 0,5           | 0,0    | 0,0  | 16,2                | 1,2   |
|   | 2019          | Feb  | 82,2    | 17,8                | 1,2                           | 0,0           | 0,0    | 14,9 | 1,6                 |       |
|   |               | May  | 82,5    | 17,5                | 1,4                           | 0,0           | 0,0    | 15,7 | 0,4                 |       |
|   |               | Aug  | 79,7    | 20,3                | 2,0                           | 0,0           | 0,0    | 17,9 | 0,4                 |       |
|   |               | Nov  | 79,4    | 20,6                | 2,1                           | 0,0           | 0,0    | 18,1 | 0,4                 |       |
|   |               | Year | 81,0    | 19,1                | 1,7                           | 0,0           | 0,0    | 16,7 | 0,7                 |       |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |      |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |      |                     |       |
| Professional equipment                      | Weight = 0,64 | 2017 | Year    | 85,8                | 14,2                          | 2,0           | 0,0    | 0,0  | 11,8                | 0,4   |
|   |               | 2018 | Feb     | 87,2                | 12,8                          | 1,6           | 0,0    | 0,0  | 10,8                | 0,4   |
|   |               |      | May     | 82,2                | 17,8                          | 2,3           | 0,0    | 0,0  | 15,1                | 0,4   |
|   |               |      | Aug     | 79,2                | 20,8                          | 2,3           | 0,0    | 0,0  | 18,1                | 0,4   |
|   |               |      | Nov     | 82,6                | 17,4                          | 1,6           | 0,0    | 0,0  | 15,4                | 0,4   |
|   |               |      | Year    | 82,8                | 17,2                          | 2,0           | 0,0    | 0,0  | 14,9                | 0,4   |
|   | 2019          | Feb  | 79,7    | 20,3                | 1,6                           | 0,0           | 0,0    | 18,3 | 0,4                 |       |
|   |               | May  | 80,6    | 19,4                | 1,6                           | 0,0           | 0,0    | 17,4 | 0,4                 |       |
|   |               | Aug  | 81,2    | 18,8                | 1,6                           | 0,0           | 0,0    | 16,8 | 0,4                 |       |
|   |               | Nov  | 81,9    | 18,1                | 1,6                           | 0,0           | 0,0    | 16,1 | 0,4                 |       |
|   |               | Year | 80,9    | 19,2                | 1,6                           | 0,0           | 0,0    | 17,2 | 0,4                 |       |

1/ Data for the latest two months are preliminary.

| Manufacturing divisions and major groups 1/                                   |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Division: Motor vehicles, parts and accessories and other transport equipment | Weight = 7,56 | 2017 | Year | 82,6        | 17,4                          | 0,9           | 1,2    | 0,2  | 13,2                | 2,0   |
|   |               | 2018 | Feb  | 82,6        | 17,4                          | 1,4           | 1,2    | 0,1  | 12,3                | 2,4   |
|   |               |      | May  | 84,5        | 15,5                          | 0,9           | 1,0    | 0,2  | 11,3                | 2,1   |
|   |               |      | Aug  | 83,5        | 16,5                          | 0,9           | 1,3    | 0,2  | 11,7                | 2,4   |
|   |               |      | Nov  | 85,0        | 15,0                          | 0,7           | 1,0    | 0,2  | 10,8                | 2,3   |
|   |               |      | Year | 83,9        | 16,1                          | 1,0           | 1,1    | 0,2  | 11,5                | 2,3   |
|   | 2019          | Feb  | 83,0 | 17,0        | 1,0                           | 1,2           | 0,2    | 11,8 | 2,8                 |       |
|   |               | May  | 83,9 | 16,1        | 0,7                           | 1,2           | 0,1    | 11,3 | 2,8                 |       |
|   |               | Aug  | 83,3 | 16,7        | 0,8                           | 1,2           | 0,2    | 12,1 | 2,4                 |       |
|   |               | Nov  | 81,3 | 18,7        | 0,8                           | 1,2           | 0,1    | 14,0 | 2,6                 |       |
|   |               | Year | 82,9 | 17,1        | 0,8                           | 1,2           | 0,2    | 12,3 | 2,7                 |       |

| Manufacturing divisions and major groups 1/        |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|--|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|  |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|  |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|  |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Motor vehicles, trailers and parts and accessories | Weight = 6,33 | 2017 | Year | 83,8        | 16,3                          | 1,0           | 0,3    | 0,2  | 12,5                | 2,3   |
|  |               | 2018 | Feb  | 83,7        | 16,3                          | 1,6           | 0,4    | 0,0  | 11,5                | 2,8   |
|  |               |      | May  | 85,1        | 14,9                          | 1,1           | 0,2    | 0,0  | 11,2                | 2,4   |
|  |               |      | Aug  | 85,6        | 14,4                          | 1,0           | 0,2    | 0,0  | 10,9                | 2,3   |
|  |               |      | Nov  | 86,6        | 13,4                          | 0,7           | 0,2    | 0,0  | 10,3                | 2,1   |
|  |               |      | Year | 85,3        | 14,8                          | 1,1           | 0,3    | 0,0  | 11,0                | 2,4   |
|  | 2019          | Feb  | 85,2 | 14,8        | 1,1                           | 0,2           | 0,0    | 10,8 | 2,7                 |       |
|  |               | May  | 86,3 | 13,7        | 0,7                           | 0,2           | 0,0    | 10,2 | 2,7                 |       |
|  |               | Aug  | 85,7 | 14,3        | 0,9                           | 0,2           | 0,0    | 11,1 | 2,1                 |       |
|  |               | Nov  | 83,1 | 16,9        | 0,9                           | 0,2           | 0,0    | 13,4 | 2,4                 |       |
|  |               | Year | 85,1 | 14,9        | 0,9                           | 0,2           | 0,0    | 11,4 | 2,5                 |       |

| Manufacturing divisions and major groups 1/ |               |      |      | Utilisation | Reasons for under-utilisation |               |        |      |                     |       |
|---|---------------|------|------|-------------|-------------------------------|---------------|--------|------|---------------------|-------|
|   |               |      |      |             | Total under-utilisation       | Shortage of   |        |      | Insufficient demand | Other |
|   |               |      |      |             |                               | Raw materials | Labour |      |                     |       |
|   |               |      |      | Skilled     | Semi- and unskilled           |               |        |      |                     |       |
| Other transport equipment                   | Weight = 1,23 | 2017 | Year | 76,8        | 23,2                          | 0,2           | 5,4    | 0,4  | 16,6                | 0,6   |
|   |               | 2018 | Feb  | 77,3        | 22,7                          | 0,4           | 5,5    | 0,2  | 16,1                | 0,6   |
|   |               |      | May  | 81,5        | 18,5                          | 0,4           | 4,7    | 0,8  | 12,1                | 0,6   |
|   |               |      | Aug  | 73,0        | 27,0                          | 0,5           | 6,6    | 1,1  | 15,8                | 3,0   |
|   |               |      | Nov  | 76,5        | 23,5                          | 0,5           | 5,1    | 1,1  | 13,5                | 3,2   |
|   |               |      | Year | 77,1        | 22,9                          | 0,5           | 5,5    | 0,8  | 14,4                | 1,9   |
|   | 2019          | Feb  | 71,7 | 28,3        | 0,5                           | 6,6           | 1,1    | 17,0 | 3,2                 |       |
|   |               | May  | 72,0 | 28,0        | 0,8                           | 6,1           | 0,4    | 17,2 | 3,5                 |       |
|   |               | Aug  | 71,3 | 28,7        | 0,5                           | 6,6           | 1,1    | 17,0 | 3,5                 |       |
|   |               | Nov  | 72,2 | 27,8        | 0,4                           | 6,1           | 0,8    | 17,0 | 3,5                 |       |
|   |               | Year | 71,8 | 28,2        | 0,6                           | 6,4           | 0,9    | 17,1 | 3,4                 |       |

1/ Data for the latest two months are preliminary.



| Manufacturing divisions and major groups 1/            |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|--|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|  |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|  |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|  |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Division: Furniture and other manufacturing industries | Weight = 3,11 | 2017 | Year    | 81,8                | 18,2                          | 1,5           | 0,3    | 1,1 | 14,3                | 1,0   |
|  |               | 2018 | Feb     | 81,1                | 18,9                          | 1,7           | 0,6    | 0,8 | 14,9                | 0,9   |
|  |               |      | May     | 79,2                | 20,8                          | 1,6           | 0,6    | 0,6 | 11,9                | 6,1   |
|  |               |      | Aug     | 83,0                | 17,0                          | 1,4           | 0,7    | 0,4 | 13,9                | 0,6   |
|  |               |      | Nov     | 85,9                | 14,1                          | 1,4           | 0,7    | 0,4 | 11,0                | 0,6   |
|  |               |      | Year    | 82,3                | 17,7                          | 1,5           | 0,7    | 0,6 | 12,9                | 2,1   |
|  |               | 2019 | Feb     | 78,4                | 21,6                          | 1,3           | 0,4    | 0,7 | 18,6                | 0,6   |
|  |               |      | May     | 82,3                | 17,7                          | 1,6           | 0,7    | 0,6 | 14,2                | 0,6   |
|  |               |      | Aug     | 82,2                | 17,8                          | 1,5           | 0,7    | 1,0 | 14,0                | 0,6   |
|  |               |      | Nov     | 82,7                | 17,3                          | 1,4           | 0,7    | 0,7 | 13,9                | 0,6   |
|  |               |      | Year    | 81,4                | 18,6                          | 1,5           | 0,6    | 0,8 | 15,2                | 0,6   |

| Manufacturing divisions and major groups 1/ |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Furniture                                   | Weight = 1,07 | 2017 | Year    | 85,4                | 14,6                          | 0,9           | 0,0    | 1,6 | 11,9                | 0,3   |
|   |               | 2018 | Feb     | 83,9                | 16,1                          | 1,0           | 0,0    | 2,0 | 13,1                | 0,0   |
|   |               |      | May     | 86,0                | 14,0                          | 0,8           | 0,0    | 1,5 | 11,7                | 0,0   |
|   |               |      | Aug     | 87,3                | 12,7                          | 0,5           | 0,0    | 1,1 | 11,1                | 0,0   |
|   |               |      | Nov     | 87,3                | 12,7                          | 0,5           | 0,0    | 1,1 | 11,1                | 0,0   |
|   |               |      | Year    | 86,1                | 13,9                          | 0,7           | 0,0    | 1,4 | 11,8                | 0,0   |
|   |               | 2019 | Feb     | 79,1                | 20,9                          | 1,0           | 0,0    | 2,0 | 18,0                | 0,0   |
|   |               |      | May     | 85,7                | 14,3                          | 0,8           | 0,0    | 1,5 | 12,1                | 0,0   |
|   |               |      | Aug     | 81,0                | 19,0                          | 1,0           | 0,0    | 2,0 | 16,0                | 0,0   |
|   |               |      | Nov     | 83,6                | 16,4                          | 0,5           | 0,0    | 1,1 | 14,7                | 0,0   |
|   |               |      | Year    | 82,4                | 17,7                          | 0,8           | 0,0    | 1,7 | 15,2                | 0,0   |

| Manufacturing divisions and major groups 1/           |               |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|---|---------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|   |               |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|   |               |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|   |               |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Other manufacturing groups including tobacco products | Weight = 2,04 | 2017 | Year    | 79,9                | 20,1                          | 1,9           | 0,5    | 0,8 | 15,6                | 1,4   |
|   |               | 2018 | Feb     | 79,6                | 20,4                          | 2,1           | 0,9    | 0,1 | 15,8                | 1,4   |
|   |               |      | May     | 75,6                | 24,4                          | 2,1           | 0,9    | 0,1 | 12,0                | 9,3   |
|   |               |      | Aug     | 80,7                | 19,3                          | 1,9           | 1,1    | 0,0 | 15,4                | 0,9   |
|   |               |      | Nov     | 85,2                | 14,8                          | 1,8           | 1,1    | 0,0 | 11,0                | 0,9   |
|   |               |      | Year    | 80,3                | 19,7                          | 2,0           | 1,0    | 0,1 | 13,6                | 3,1   |
|   |               | 2019 | Feb     | 78,0                | 22,0                          | 1,4           | 0,7    | 0,0 | 18,9                | 0,9   |
|   |               |      | May     | 80,5                | 19,5                          | 2,1           | 1,1    | 0,1 | 15,3                | 0,9   |
|   |               |      | Aug     | 82,7                | 17,3                          | 1,9           | 1,1    | 0,5 | 12,9                | 1,0   |
|   |               |      | Nov     | 82,2                | 17,8                          | 1,8           | 1,1    | 0,5 | 13,5                | 0,9   |
|   |               |      | Year    | 80,9                | 19,2                          | 1,8           | 1,0    | 0,3 | 15,2                | 0,9   |

1/ Data for the latest two months are preliminary.

| Total manufacturing 1/ |              |      |         | Utilisation         | Reasons for under-utilisation |               |        |     |                     |       |
|------------------------|--------------|------|---------|---------------------|-------------------------------|---------------|--------|-----|---------------------|-------|
|                        |              |      |         |                     | Total under-utilisation       | Shortage of   |        |     | Insufficient demand | Other |
|                        |              |      |         |                     |                               | Raw materials | Labour |     |                     |       |
|                        |              |      | Skilled | Semi- and unskilled |                               |               |        |     |                     |       |
| Total manufacturing    | Weight = 100 | 2017 | Year    | 81,5                | 18,5                          | 1,9           | 1,0    | 0,2 | 11,5                | 3,9   |
|                        |              | 2018 | Feb     | 80,6                | 19,4                          | 1,9           | 1,0    | 0,2 | 11,7                | 4,6   |
|                        |              |      | May     | 80,7                | 19,3                          | 2,1           | 1,0    | 0,2 | 11,5                | 4,5   |
|                        |              |      | Aug     | 81,1                | 18,9                          | 2,0           | 1,0    | 0,2 | 11,7                | 4,0   |
|                        |              |      | Nov     | 83,0                | 17,0                          | 1,6           | 0,9    | 0,2 | 10,8                | 3,5   |
|                        |              |      | Year    | 81,4                | 18,7                          | 1,9           | 1,0    | 0,2 | 11,4                | 4,2   |
|                        |              |      | 2019    | Feb                 | 80,8                          | 19,2          | 1,9    | 1,0 | 0,2                 | 12,1  |
|                        |              | May  |         | 81,3                | 18,7                          | 2,2           | 1,0    | 0,2 | 11,7                | 3,6   |
|                        |              | Aug  |         | 80,3                | 19,7                          | 2,5           | 1,0    | 0,2 | 12,4                | 3,6   |
|                        |              | Nov  |         | 81,0                | 19,0                          | 2,6           | 1,0    | 0,2 | 11,6                | 3,6   |
|                        |              | Year |         | 80,9                | 19,2                          | 2,3           | 1,0    | 0,2 | 12,0                | 3,7   |

1/ Data for the latest two months are preliminary.

## Explanatory notes

|                                      |          |  |
|--------------------------------------|----------|--|
| <b>Introduction</b>                  | <b>1</b> | <p>This statistical release contains information regarding utilisation of production capacity, total under-utilisation and reasons for under-utilisation by division and major group within manufacturing, on a three-monthly basis. Statistics South Africa (Stats SA) conducts the survey of utilisation of production capacity by large enterprises mainly engaged in the manufacturing industry.</p>   |
|                                      | <b>2</b> | <p>Stats SA is continuously updating its Business Register, based on the value added tax (VAT) database obtained from the South African Revenue Service (SARS).</p>  |
| <b>Purpose of the survey</b>         | <b>3</b> | <p>The results of the quarterly manufacturing utilisation of production capacity survey are used to assess the degree of capacity constraint experienced in the manufacturing industry. The information in this release is a key component in the Composite Coincident Business Cycle Indicator and is used to analyse movements in gross fixed capital formation in the national accounts.</p>  |
| <b>Scope of the survey</b>           | <b>4</b> | <p>This survey covers large manufacturing enterprises, i.e. those with turnover greater than R100 million per annum and conducting activities in -</p> <ul style="list-style-type: none"> <li>• the manufacturing, processing, making or packing of products;</li> <li>• the slaughtering of animals, including poultry; and</li> <li>• installation, assembly, completion, repair and related work.</li> </ul>  |
| <b>Classification</b>                | <b>5</b> | <p>The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities</i> (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of all Economic Activities</i> (ISIC) with suitable adaptations for local conditions. Each enterprise is classified to an industry which reflects its predominant activity.</p>  |
| <b>Collection rate</b>               | <b>6</b> | <p>The preliminary collection rate for the survey on manufacturing: utilisation of production capacity by large enterprises for November 2019 was 77,2%. The improved collection rate for August 2019 was 78,5%.</p>   |
| <b>Survey methodology and design</b> | <b>7</b> | <p>The survey is collected by email and telephone for four months per year, namely February, May, August and November. Questionnaires are sent to a sample of approximately 980 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.</p>  |
| <b>Sample design</b>                 | <b>8</b> | <p>There is no probability sampling involved in this survey. The rate of utilisation of production capacity is obtained three-monthly from a population of approximately 980 large enterprises (those with VAT turnover greater than R100 million per annum), which is a subset of a population of approximately 45 130 manufacturing enterprises. The population is classified to major group at the SIC three-digit level.</p>   |
| <b>Weighting methodology</b>         | <b>9</b> | <p>The weights for aggregating the utilisation rate of manufacturing major groups to divisions and divisions to total manufacturing were calculated based on the results of the most recent census of manufacturing, large sample survey (LSS) of the manufacturing industry or national accounts (NA) value added data. The under-utilisation of each major group in a division is multiplied by the applicable weight and aggregated to reflect the under-utilisation of the division. The under-utilisation of total manufacturing is calculated by weighting the under-utilisation of the divisions. The reasons for under-utilisation are weighted according to the relative importance of the reasons furnished by the respondents. If the respondent gives three reasons for under-utilisation, the weight of the most important reason is 0,5; the weight of the second-most important reason is 0,33 and the weight of the least important reason is 0,17.</p> <p>The percentage under-utilisation of the most important reason is 0,5 multiplied by the total under-utilisation reported by the respective respondent. The percentage under-utilisation of the second-most important reason and least important reason are calculated in the same way.</p> |

The total under-utilisation per reason within a major group is calculated by adding the weighted under-utilisation reported by each respondent per reason per major group. The total under-utilisation per reason per division is calculated by weighting the under-utilisation per group in the division. The under-utilisation per reason of total manufacturing is calculated by weighting the under-utilisation rate of the divisions. The weighting factors for aggregating the under-utilisation rate per reason of manufacturing major groups to divisions and divisions to total manufacturing were calculated per reason based on the results of the most recent census of manufacturing, large sample survey (LSS) of the manufacturing industry or national accounts (NA) value added data. Weights between census/LSS/NA years are fixed. The table below reflects the period and the census/LSS/NA which were used as base year for the given period.

| Period       | Source                       |
|--------------|------------------------------|
| 1998 to 2000 | 1996 Census of manufacturing |
| 2001 to 2004 | 2001 LSS                     |
| 2005 to 2009 | 2005 LSS                     |
| 2010 to 2019 | National accounts            |

A weight is calculated for each enterprise based on the total sales of the enterprise compared with the total sales of enterprises classified in the major group.

|                                  |   |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
|----------------------------------|---|---|------|--|-----|---|------|-------------------------------|----------|-------------------------|-----|-----------------|-----|-----------------------------|---|-----------------|
| <b>Trend cycle</b>               | <b>10</b>   | The trend is the long-term pattern or movement of a time series. The X-12 Seasonal Adjustment Programme is used for smoothing seasonally adjusted estimates to estimates of the underlying trend.   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Reliability of estimates</b>  | <b>11</b>   | Data presented in this publication are based on information obtained from a partial coverage collection of only the large enterprises in manufacturing, and therefore may differ from the figures that would have been produced if the data had also been obtained from a representative sample of smaller enterprises in manufacturing.  |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
|                                  | <b>12</b>   | Within the defined coverage, inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive observations as a result of seasonal and economic factors. |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Revised figures</b>           | <b>13</b>   | Revised figures in this issue are due to late submissions of data to Stats SA, or to respondents reporting revisions or corrections to their figures. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level.  |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Related publications</b>      | <b>14</b>   | Users may also wish to refer to <i>Stats in Brief</i> available from Stats SA.  |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Reference period</b>          | <b>15</b>   | The reference period is one month, and the survey is collected for the months of February, May, August and November.  |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Rounding-off of figures</b>   | <b>16</b>   | Where necessary, the figures in the tables have been rounded off to the nearest digit shown. There may therefore be slight discrepancies between the sums of the constituent items and the totals shown.  |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| <b>Symbols and abbreviations</b> | <b>17</b>   | <table> <tbody> <tr> <td>ISIC</td> <td>International Standard Industrial Classification</td> </tr> <tr> <td>SIC</td> <td>Standard Industrial Classification of all Economic Activities</td> </tr> <tr> <td>SARS</td> <td>South African Revenue Service</td> </tr> <tr> <td>Stats SA</td> <td>Statistics South Africa</td> </tr> <tr> <td>VAT</td> <td>Value added tax</td> </tr> <tr> <td>0,0</td> <td>Figure too small to publish</td> </tr> <tr> <td>*</td> <td>Revised figures</td> </tr> </tbody> </table>                            | ISIC | International Standard Industrial Classification | SIC | Standard Industrial Classification of all Economic Activities | SARS | South African Revenue Service | Stats SA | Statistics South Africa | VAT | Value added tax | 0,0 | Figure too small to publish | * | Revised figures |
| ISIC                             | International Standard Industrial Classification              |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| SIC                              | Standard Industrial Classification of all Economic Activities |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| SARS                             | South African Revenue Service                                 |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| Stats SA                         | Statistics South Africa                                       |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| VAT                              | Value added tax   |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| 0,0                              | Figure too small to publish                                   |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |
| *                                | Revised figures   |   |      |  |     |   |      |                               |          |                         |     |                 |     |                             |   |                 |

## Glossary

|  |  |
|--|--|
| <b>Enterprise</b>  | An enterprise is a legal entity or a combination of legal entities that includes and directly controls all functions necessary to carry out its production activities.   |
| <b>Industry</b>  | An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the <i>System of National Accounts (SNA)</i> in the same way as in the <i>Standard Industrial Classification of all Economic Activities</i> , (SIC) Fifth Edition, Report No. 09-90-02 of January 1993.   |
| <b>Output</b>  | <p>Output is the aggregate value of goods manufactured and work done and includes:</p> <ul style="list-style-type: none"> <li>• sales and transfers-out of own manufactures, factory waste and stocks of factored goods;</li> <li>• repairs;</li> <li>• installation, erection and assembly;</li> <li>• sundry trading revenue;</li> <li>• sales of factored goods minus purchases of factored goods;</li> <li>• rent and leasing received;</li> <li>• royalties received;</li> <li>• difference between opening value and closing value of work in progress, stocks of own manufactures and stock of factored goods;</li> <li>• head office charges; and</li> <li>• other revenue</li> </ul> <p>Output excludes excise and customs duty paid.</p> |
| <b>Statistical unit</b>                                    | A statistical unit is a unit about which statistics are tabulated, compiled or published. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.   |
| <b>Skilled employees</b>                                   | Skilled employees are persons who have undergone training or education in and/or outside their work environment and who are in possession of a minimum level of secondary qualification to qualify for their occupation. Employees in this category must have undergone at least two years study or training after having completed Grade 12.  |
| <b>Semi-skilled employees</b>                              | Semi-skilled employees are persons who acquired their expertise through a relatively short training period (single days or weeks) after which the required tasks should be efficiently performed. They must possess basic literacy and numeracy prior to training, but primary education is sufficient as a prerequisite for training.   |
| <b>Unskilled employees</b>                                 | Unskilled employees are persons who have not undergone any formal training or of whom no minimum level of education is required.   |
| <b>‘Other’ reasons for under-utilisation</b>               | Other reasons include reasons such as downtime due to maintenance, changes in productivity and seasonal factors.   |
| <b>Percentage utilisation of production capacity</b>       | The percentage utilisation of production capacity in the manufacturing industry is a measure of the use of manpower, plant and machinery in manufacturing.   |
| <b>Percentage under-utilisation of production capacity</b> | The percentage under-utilisation of production capacity is calculated by deducting the percentage utilisation of production capacity from a hundred.   |

**Value added**

Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.

**Turnover**

Turnover refers to:

- the value of sales and transfers out of all own manufactured products/articles;
- amounts received for work done; and
- amounts received for services rendered.

Turnover excludes:

- value added tax (VAT);
- export freight charges; and
- excise duty.

**Technical enquiries****Nicolai Claassen**

Telephone number: (012) 310 8007

Email address: nicolaic@statssa.gov.za

**Table C – Weights according to manufacturing major groups**

| Manufacturing division and major group  | Weights used for manufacturing indices by period  |   |  |
|---|---|---|--|
|   | 2015<br>(based on value added for<br>2013 – 2015) | 2016<br>(based on value added for<br>2014 – 2016) | 2017 – 2019<br>(based on value added for<br>2015 – 2017) |
| <b>Food and beverages</b>   | <b>25,15</b>                                      | <b>25,78</b>                                      | <b>26,64</b>   |
| Meat, fish, fruit, etc.   | 6,39  | 6,59  | 6,69   |
| Dairy products  | 1,89  | 2,00  | 2,15   |
| Grain mill products   | 2,86  | 3,12  | 3,37   |
| Other food products   | 7,62  | 7,74  | 8,14   |
| Beverages   | 6,39  | 6,33  | 6,29   |
| <b>Textiles, clothing, leather and footwear</b>                                       | <b>3,28</b>                                       | <b>3,21</b>                                       | <b>3,12</b>  |
| Textiles  | 0,83  | 0,80  | 0,78   |
| Other textile products  | 0,41  | 0,41  | 0,40   |
| Knitted, crocheted articles   | 0,09  | 0,09  | 0,09   |
| Wearing apparel   | 1,10  | 1,08  | 1,04   |
| Leather and leather products  | 0,49  | 0,48  | 0,46   |
| Footwear  | 0,36  | 0,35  | 0,35   |
| <b>Wood and wood products, paper, publishing and printing</b>                         | <b>11,62</b>                                      | <b>11,28</b>                                      | <b>11,45</b>   |
| Sawmilling and planing of wood  | 1,71  | 1,69  | 1,73   |
| Products of wood  | 2,37  | 2,42  | 2,57   |
| Paper and paper products  | 4,33  | 4,09  | 4,14   |
| Publishing  | 1,49  | 1,45  | 1,43   |
| Printing, recorded media  | 1,72  | 1,63  | 1,58   |
| <b>Petroleum, chemical products, rubber and plastic products</b>                      | <b>24,01</b>                                      | <b>23,82</b>                                      | <b>23,07</b>   |
| Coke, petroleum products and nuclear fuel   | 9,29  | 9,18  | 8,67   |
| Basic chemicals   | 4,36  | 4,41  | 4,29   |
| Other chemical products   | 6,16  | 6,15  | 6,19   |
| Rubber products   | 1,34  | 1,30  | 1,24   |
| Plastic products  | 2,86  | 2,78  | 2,68   |
| <b>Glass and non-metallic mineral products</b>  | <b>3,90</b>                                       | <b>3,53</b>                                       | <b>3,18</b>  |
| Glass and glass products  | 0,74  | 0,69  | 0,66   |
| Non-metallic mineral products   | 3,16  | 2,84  | 2,52   |
| <b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b> | <b>18,72</b>                                      | <b>18,74</b>                                      | <b>18,69</b>   |
| Basic iron and steel products   | 3,44  | 3,52  | 3,57   |
| Non-ferrous metal products (including precious metals)                                | 2,73  | 2,60  | 2,58   |
| Structural metal products   | 1,86  | 1,92  | 1,99   |
| Other fabricated metal products   | 3,86  | 3,84  | 3,79   |
| General purpose machinery   | 2,51  | 2,57  | 2,58   |
| Special purpose machinery   | 3,51  | 3,50  | 3,41   |
| Household appliances  | 0,81  | 0,79  | 0,77   |
| <b>Electrical machinery</b>   | <b>1,65</b>                                       | <b>1,63</b>                                       | <b>1,64</b>  |
| <b>Radio, television and communication apparatus and professional equipment</b>       | <b>1,61</b>                                       | <b>1,59</b>                                       | <b>1,54</b>  |
| Radio, television and communication apparatus   | 0,93  | 0,92  | 0,90   |
| Professional equipment  | 0,68  | 0,67  | 0,64   |
| <b>Motor vehicles, parts and accessories and other transport equipment</b>            | <b>6,86</b>                                       | <b>7,20</b>                                       | <b>7,56</b>  |
| Motor vehicles  | 2,43  | 2,60  | 2,82   |
| Bodies for motor vehicles, trailers and semi-trailers                                 | 0,46  | 0,48  | 0,47   |
| Parts and accessories   | 2,76  | 2,89  | 3,04   |
| Other transport equipment   | 1,21  | 1,23  | 1,23   |
| <b>Furniture and other manufacturing</b>  | <b>3,20</b>                                       | <b>3,22</b>                                       | <b>3,11</b>  |
| Furniture   | 1,09  | 1,08  | 1,07   |
| Other manufacturing groups  | 2,11  | 2,14  | 2,04   |
| <b>Total</b>  | <b>100</b>  | <b>100</b>  | <b>100</b>   |

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## General enquiries

User information services      Telephone number: (012) 310 8600  
Email: [info@statssa.gov.za](mailto:info@statssa.gov.za)

Postal address:                      Private Bag X44, Pretoria, 0001

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