



stats sa

Department:
Statistics South Africa
REPUBLIC OF SOUTH AFRICA

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

STATISTICAL RELEASE

P3041.2

Manufacturing: Production and sales (Preliminary)

January 2024

This release provides an analysis of revisions. If you have any questions or comments, please send these to Nicolai Claassen, nicolaic@statssa.gov.za.

**Embargoed until:
14 March 2024
13:00**

ENQUIRIES:
Nicolai Claassen
Tel: 072 310 5351

FORTHCOMING ISSUE:
February 2024

EXPECTED RELEASE DATE:
11 April 2024

Contents

| | |
|--|-----------|
| Production: results for January 2024 | 2 |
| Table A – Key growth rates in the volume of manufacturing production | 2 |
| Table B – Seasonally adjusted manufacturing production for the latest three months by division and major group (Base: 2019=100) | 3 |
| Figure 1 – Volume of manufacturing production (Base: 2019=100)..... | 4 |
| Figure 2 – Volume of manufacturing production (Base: 2019=100): year-on-year percentage change | 4 |
| Sales: results for January 2024 | 5 |
| Table C – Key growth rates in manufacturing sales at current prices | 5 |
| Table D – Seasonally adjusted manufacturing sales at current prices for the latest three months by division | 5 |
| Tables | 6 |
| Table 1 – Index of the volume of manufacturing production (Base: 2019=100)..... | 6 |
| Table 2 – Year-on-year percentage change in the volume of manufacturing production | 6 |
| Table 3 – Seasonally adjusted volume of manufacturing production | 6 |
| Table 4 – Index of the volume of manufacturing production by division and major group (Base: 2019=100) | 7 |
| Table 5 – Year-on-year percentage change in the volume of manufacturing production by division and major group (Base: 2019=100) | 8 |
| Table 6 – Contribution of each division and major group to the year-on-year percentage change in the volume of manufacturing production (percentage points) | 9 |
| Table 7 – Seasonally adjusted index of the volume of manufacturing production by division and major group (Base: 2019=100) | 10 |
| Table 8 – Manufacturing sales at current prices (R million) | 11 |
| Table 9 – Year-on-year percentage change in manufacturing sales at current prices..... | 11 |
| Table 10 – Seasonally adjusted manufacturing sales at current prices | 11 |
| Table 11 – Manufacturing sales at current prices by division and major group (R million) | 12 |
| Table 12 – Year-on-year percentage change in manufacturing sales at current prices by division and major group..... | 13 |
| Table 13 – Contribution of each division and major group to the year-on-year percentage change in manufacturing sales at current prices (percentage points) | 14 |
| Table 14 – Seasonally adjusted manufacturing sales at current prices by division and major group (R million) | 15 |
| Analysis of revisions | 16 |
| Figure 3 – Manufacturing production year-on-year growth rates: preliminary and revised | 17 |
| Table 15 – Manufacturing production year-on-year growth rates: preliminary and revised | 17 |
| Figure 4 – Manufacturing production year-on-year growth rates: histogram of revisions | 19 |
| Survey information | 20 |
| Technical notes | 21 |
| Table E – Weights by division and major group | 23 |
| Glossary | 25 |
| Technical enquiries | 25 |
| General information | 26 |

Production: results for January 2024

Table A – Key growth rates in the volume of manufacturing production

| | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|--|--------|--------|--------|--------|--------|--------|
| Year-on-year % change, unadjusted | 1,4 | -4,4 | 2,7 | 2,7 | 1,3 | 2,6 |
| Month-on-month % change, seasonally adjusted | 0,4 | -0,4 | 0,2 | 0,9 | -1,3 | 0,8 |
| 3-month % change, seasonally adjusted ¹ | -0,4 | -1,1 | -0,4 | -0,2 | 0,2 | 0,2 |

¹ Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Manufacturing production increased by 2,6% in January 2024 compared with January 2023. The largest positive contributions were made by the following divisions:

- petroleum, chemical products, rubber and plastic products (13,6% and contributing 2,9 percentage points);
- wood and wood products, paper, publishing and printing (5,0% and contributing 0,5 of a percentage point);
- textiles, clothing, leather and footwear (6,6% and contributing 0,2 of a percentage point); and
- glass and non-metallic mineral products (5,2% and contributing 0,2 of a percentage point) – see Tables 5 and 6.

Seasonally adjusted manufacturing production increased by 0,8% in January 2024 compared with December 2023. This followed month-on-month changes of -1,3% in December 2023 and 0,9% in November 2023 – see Table A.

Seasonally adjusted manufacturing production increased by 0,2% in the three months ended January 2024 compared with the previous three months. Seven of the ten manufacturing divisions reported positive growth rates over this period.

The largest positive contribution was made by the food and beverages division (3,3% and contributing 0,7 of a percentage point) and the largest negative contribution was made by the basic iron and steel, non-ferrous metal products, metal products and machinery division (-3,1% and contributing -0,7 of a percentage point) – see Table B.

Table B – Seasonally adjusted manufacturing production for the latest three months by division and major group (Base: 2019=100)

| Manufacturing division and major group | Weight | Aug – Oct 2023 | Nov 2023 – Jan 2024 | % change between Aug – Oct 2023 and Nov 2023 – Jan 2024 | Contribution (% points) to the total % change |
|---|--------------|----------------|---------------------|---|---|
| Food and beverages | 21,44 | 97,1 | 100,3 | 3,3 | 0,7 |
| Meat, fish, fruit, etc. | 3,42 | 108,2 | 104,8 | -3,1 | -0,1 |
| Dairy products | 1,47 | 96,2 | 95,9 | -0,3 | 0,0 |
| Grain mill products | 1,85 | 102,3 | 101,5 | -0,8 | 0,0 |
| Other food products | 7,81 | 85,0 | 91,1 | 7,2 | 0,5 |
| Beverages | 6,89 | 104,0 | 109,0 | 4,8 | 0,4 |
| Textiles, clothing, leather and footwear | 4,07 | 90,9 | 95,0 | 4,5 | 0,2 |
| Textiles | 1,04 | 103,4 | 110,2 | 6,6 | 0,1 |
| Other textile products | 0,58 | 89,2 | 88,0 | -1,3 | 0,0 |
| Knitted, crocheted articles | 0,06 | 89,7 | 87,2 | -2,8 | 0,0 |
| Wearing apparel | 1,88 | 84,9 | 90,9 | 7,1 | 0,1 |
| Leather and leather products | 0,26 | 80,4 | 81,4 | 1,2 | 0,0 |
| Footwear | 0,25 | 98,8 | 94,4 | -4,5 | 0,0 |
| Wood and wood products, paper, publishing and printing | 10,48 | 95,4 | 97,2 | 1,9 | 0,2 |
| Sawmilling and planing of wood | 0,86 | 95,6 | 101,6 | 6,3 | 0,1 |
| Products of wood | 0,90 | 119,1 | 119,0 | -0,1 | 0,0 |
| Paper and paper products | 5,26 | 95,8 | 101,1 | 5,5 | 0,3 |
| Publishing | 2,10 | 85,3 | 79,8 | -6,4 | -0,1 |
| Printing, recorded media | 1,36 | 93,1 | 91,7 | -1,5 | 0,0 |
| Petroleum, chemical products, rubber and plastic products | 24,86 | 78,2 | 78,6 | 0,5 | 0,1 |
| Coke, petroleum products and nuclear fuel | 11,92 | 59,2 | 61,1 | 3,2 | 0,2 |
| Basic chemicals | 3,39 | 102,4 | 105,0 | 2,5 | 0,1 |
| Other chemical products | 6,82 | 90,5 | 87,6 | -3,2 | -0,2 |
| Rubber products | 0,68 | 92,7 | 94,2 | 1,6 | 0,0 |
| Plastic products | 2,05 | 102,5 | 100,9 | -1,6 | 0,0 |
| Glass and non-metallic mineral products | 3,10 | 101,1 | 107,2 | 6,0 | 0,2 |
| Glass and glass products | 0,48 | 100,0 | 109,9 | 9,9 | 0,1 |
| Non-metallic mineral products | 2,62 | 101,4 | 106,8 | 5,3 | 0,2 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 19,96 | 99,0 | 95,9 | -3,1 | -0,7 |
| Basic iron and steel products | 2,92 | 82,0 | 84,2 | 2,7 | 0,1 |
| Non-ferrous metal products | 3,54 | 90,3 | 87,8 | -2,8 | -0,1 |
| Structural metal products | 2,01 | 103,9 | 105,4 | 1,4 | 0,0 |
| Other fabricated metal products | 3,65 | 101,7 | 101,1 | -0,6 | 0,0 |
| General purpose machinery | 3,45 | 104,1 | 97,2 | -6,6 | -0,3 |
| Special purpose machinery | 3,73 | 109,5 | 101,1 | -7,7 | -0,3 |
| Household appliances | 0,66 | 104,9 | 96,7 | -7,8 | -0,1 |
| Electrical machinery | 2,14 | 104,5 | 102,9 | -1,5 | 0,0 |
| Radio, television and communication apparatus and professional equipment | 1,06 | 95,8 | 96,2 | 0,4 | 0,0 |
| Radio, television and communication apparatus | 0,03 | 93,3 | 94,5 | 1,3 | 0,0 |
| Professional equipment | 1,03 | 96,0 | 96,4 | 0,4 | 0,0 |
| Motor vehicles, parts and accessories and other transport equipment | 8,72 | 107,3 | 101,7 | -5,2 | -0,5 |
| Motor vehicles | 2,62 | 105,9 | 107,9 | 1,9 | 0,1 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,75 | 111,8 | 111,8 | 0,0 | 0,0 |
| Parts and accessories | 4,03 | 113,0 | 97,7 | -13,5 | -0,7 |
| Other transport equipment | 1,32 | 90,2 | 96,0 | 6,4 | 0,1 |
| Furniture and other manufacturing | 4,17 | 86,9 | 88,4 | 1,7 | 0,1 |
| Furniture | 0,69 | 93,9 | 94,7 | 0,9 | 0,0 |
| Other manufacturing groups | 3,48 | 85,6 | 87,1 | 1,8 | 0,1 |
| Total | 100 | 93,1 | 93,3 | 0,2 | 0,2 |

Figure 1 – Volume of manufacturing production (Base: 2019=100)

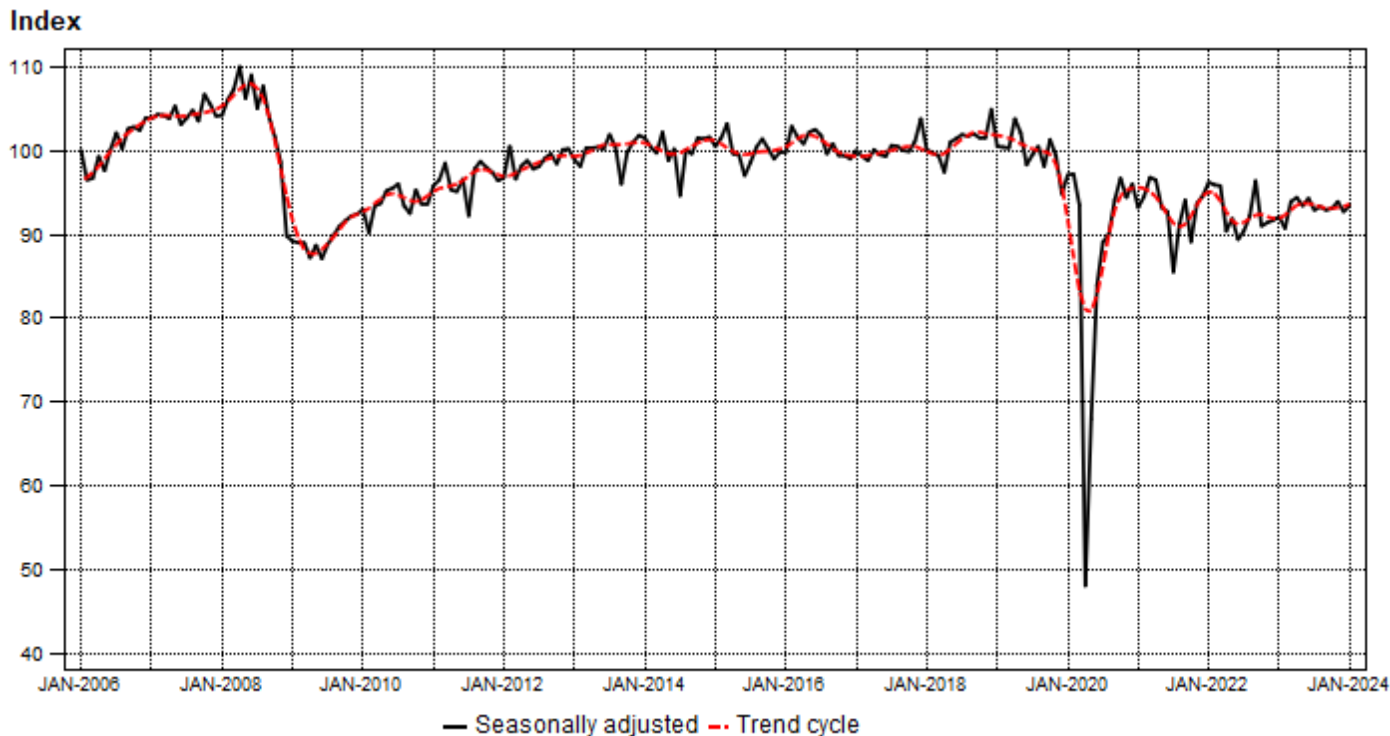
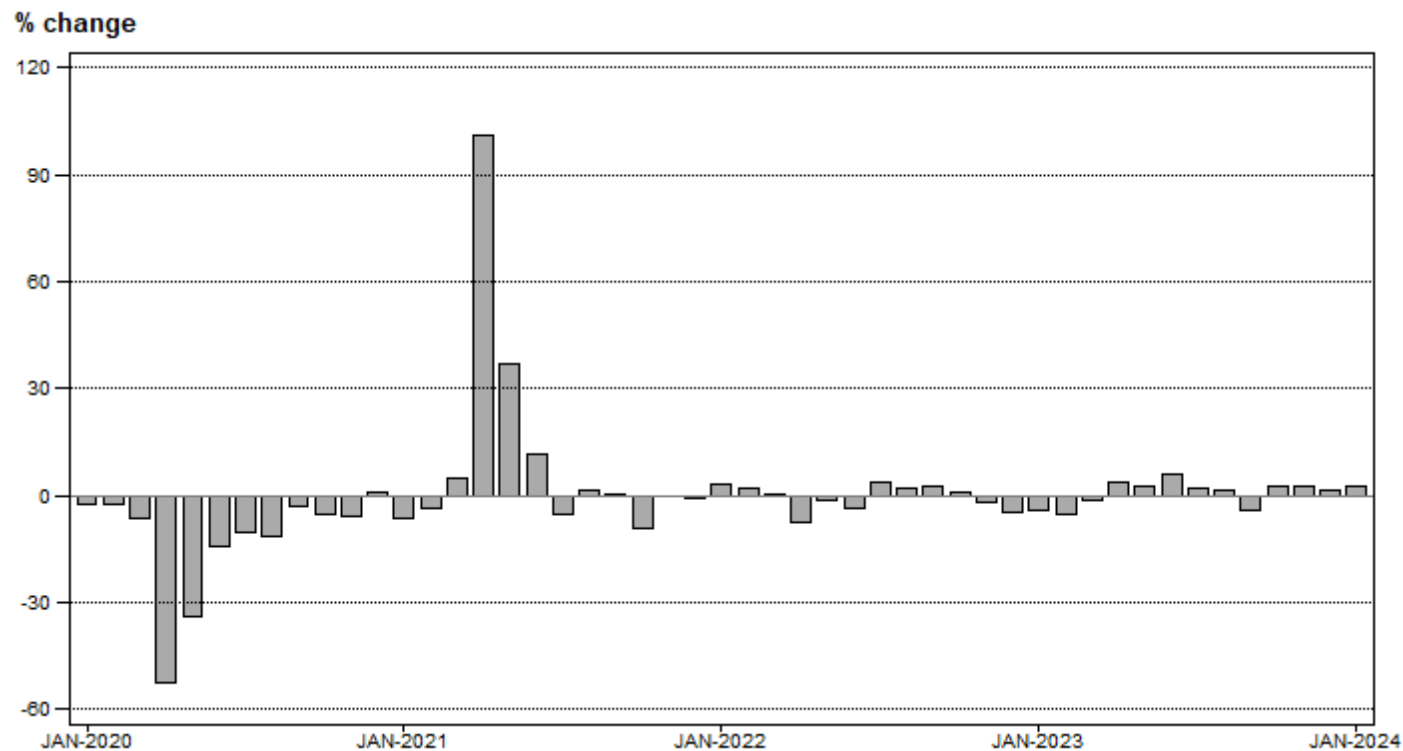


Figure 2 – Volume of manufacturing production (Base: 2019=100): year-on-year percentage change



Sales: results for January 2024

Table C – Key growth rates in manufacturing sales at current prices

| | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|--|--------|--------|--------|--------|--------|--------|
| Year-on-year % change, unadjusted | 11,4 | 6,2 | 12,4 | 10,0 | 9,6 | 9,1 |
| Month-on-month % change, seasonally adjusted | 2,4 | 0,0 | -0,3 | 1,4 | 1,2 | -1,4 |
| 3-month % change, seasonally adjusted ¹ | -0,1 | 2,6 | 3,5 | 2,5 | 1,8 | 1,6 |

¹ Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Seasonally adjusted manufacturing sales decreased by 1,4% in January 2024 compared with December 2023. This followed month-on-month changes of 1,2% in December 2023 and 1,4% in November 2023 – see Table C.

Table D – Seasonally adjusted manufacturing sales at current prices for the latest three months by division

| Manufacturing division | Aug – Oct 2023 (R million) | Nov 2023 – Jan 2024 (R million) | % change between Aug – Oct 2023 and Nov 2023 – Jan 2024 | Contribution (% points) to the total % change |
|--|-------------------------------|------------------------------------|---|---|
| Food and beverages | 188 735 | 193 516 | 2,5 | 0,6 |
| Textiles, clothing, leather and footwear | 19 082 | 19 565 | 2,5 | 0,1 |
| Wood and wood products, paper, publishing and printing | 54 245 | 55 403 | 2,1 | 0,1 |
| Petroleum, chemical products, rubber and plastic products | 178 671 | 170 866 | -4,4 | -0,9 |
| Glass and non-metallic mineral products | 22 368 | 24 823 | 11,0 | 0,3 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 175 958 | 178 252 | 1,3 | 0,3 |
| Electrical machinery | 21 031 | 21 030 | 0,0 | 0,0 |
| Radio, television and communication apparatus and professional equipment | 7 511 | 7 746 | 3,1 | 0,0 |
| Motor vehicles, parts and accessories and other transport equipment | 141 185 | 150 552 | 6,6 | 1,1 |
| Furniture and other manufacturing | 31 758 | 31 879 | 0,4 | 0,0 |
| Total | 840 544 | 853 630 | 1,6 | 1,6 |

Seasonally adjusted manufacturing sales increased by 1,6% in the three months ended January 2024 compared with the previous three months. The largest positive contributions were made by the following divisions:

- motor vehicles, parts and accessories and other transport equipment (6,6% and contributing 1,1 percentage points); and
- food and beverages (2,5% and contributing 0,6 of a percentage point).

The largest negative contribution was made by the petroleum, chemical products, rubber and plastic products division (-4,4% and contributing -0,9 of a percentage point) – see Table D.

Risenga Maluleke
Statistician-General

Tables

Table 1 – Index of the volume of manufacturing production (Base: 2019=100)

| Month | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 ¹ |
|--------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------------|
| Jan | 87,1 | 88,0 | 85,7 | 80,3 | 82,8 | 79,5 | 81,6 |
| Feb | 94,5 | 94,9 | 92,4 | 89,3 | 90,9 | 86,0 | |
| Mar | 98,9 | 101,2 | 94,5 | 98,9 | 99,1 | 97,5 | |
| Apr | 91,9 | 95,8 | 45,3 | 91,1 | 84,5 | 87,6 | |
| May | 101,8 | 102,0 | 67,2 | 92,0 | 91,0 | 93,3 | |
| Jun | 101,9 | 97,8 | 84,1 | 93,7 | 90,3 | 95,5 | |
| Jul | 103,2 | 101,8 | 91,4 | 86,8 | 90,2 | 92,1 | |
| Aug | 106,6 | 105,2 | 92,9 | 94,3 | 96,2 | 97,5 | |
| Sep | 104,9 | 102,6 | 99,4 | 99,8 | 102,6 | 98,1 | |
| Oct | 113,4 | 112,7 | 106,8 | 97,2 | 98,2 | 100,9 | |
| Nov | 115,3 | 111,0 | 104,7 | 104,7 | 102,5 | 105,3 | |
| Dec | 93,7 | 86,8 | 87,6 | 87,0 | 82,9 | 84,0 | |
| Total | 101,1 | 100,0 | 87,7 | 92,9 | 92,6 | 93,1 | |

¹ The latest three months are preliminary.

Table 2 – Year-on-year percentage change in the volume of manufacturing production

| Month | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2024 year-to-date |
|--------------|-------------|--------------|------------|-------------|------------|------|----------------------|
| Jan | 1,0 | -2,6 | -6,3 | 3,1 | -4,0 | 2,6 | 2,6 |
| Feb | 0,4 | -2,6 | -3,4 | 1,8 | -5,4 | | |
| Mar | 2,3 | -6,6 | 4,7 | 0,2 | -1,6 | | |
| Apr | 4,2 | -52,7 | 101,1 | -7,2 | 3,7 | | |
| May | 0,2 | -34,1 | 36,9 | -1,1 | 2,5 | | |
| Jun | -4,0 | -14,0 | 11,4 | -3,6 | 5,8 | | |
| Jul | -1,4 | -10,2 | -5,0 | 3,9 | 2,1 | | |
| Aug | -1,3 | -11,7 | 1,5 | 2,0 | 1,4 | | |
| Sep | -2,2 | -3,1 | 0,4 | 2,8 | -4,4 | | |
| Oct | -0,6 | -5,2 | -9,0 | 1,0 | 2,7 | | |
| Nov | -3,7 | -5,7 | 0,0 | -2,1 | 2,7 | | |
| Dec | -7,4 | 0,9 | -0,7 | -4,7 | 1,3 | | |
| Total | -1,1 | -12,3 | 5,9 | -0,3 | 0,5 | | |

Table 3 – Seasonally adjusted volume of manufacturing production

| Month | Index (Base: 2019=100) | | | | Month-on-month % change | | | |
|-------|------------------------|------|------|------|-------------------------|------|------|------|
| | 2021 | 2022 | 2023 | 2024 | 2021 | 2022 | 2023 | 2024 |
| Jan | 93,2 | 96,2 | 92,1 | 93,4 | -2,9 | 1,7 | 0,4 | 0,8 |
| Feb | 94,5 | 95,9 | 90,7 | | 1,4 | -0,3 | -1,5 | |
| Mar | 96,8 | 95,8 | 93,9 | | 2,4 | -0,1 | 3,5 | |
| Apr | 96,5 | 90,4 | 94,4 | | -0,3 | -5,6 | 0,5 | |
| May | 93,2 | 91,9 | 93,4 | | -3,4 | 1,7 | -1,1 | |
| Jun | 92,7 | 89,4 | 94,3 | | -0,5 | -2,7 | 1,0 | |
| Jul | 85,5 | 90,4 | 92,9 | | -7,8 | 1,1 | -1,5 | |
| Aug | 91,1 | 92,2 | 93,3 | | 6,5 | 2,0 | 0,4 | |
| Sep | 94,1 | 96,4 | 92,9 | | 3,3 | 4,6 | -0,4 | |
| Oct | 89,1 | 91,0 | 93,1 | | -5,3 | -5,6 | 0,2 | |
| Nov | 93,7 | 91,4 | 93,9 | | 5,2 | 0,4 | 0,9 | |
| Dec | 94,6 | 91,7 | 92,7 | | 1,0 | 0,3 | -1,3 | |

Table 4 – Index of the volume of manufacturing production by division and major group (Base: 2019=100)

| Manufacturing division and major group | Weight | Aug-23 | Sep-23 | Oct-23 | ¹ Nov-23 | ¹ Dec-23 | ¹ Jan-24 |
|---|--------------|--------------|--------------|--------------|---------------------|---------------------|---------------------|
| Food and beverages | 21,44 | 98,7 | 106,0 | 102,7 | 110,1 | 108,5 | 89,6 |
| Meat, fish, fruit, etc. | 3,42 | 109,8 | 110,9 | 109,2 | 111,9 | 107,8 | 98,4 |
| Dairy products | 1,47 | 95,9 | 101,3 | 110,4 | 106,4 | 100,4 | 97,5 |
| Grain mill products | 1,85 | 104,1 | 105,2 | 106,5 | 104,6 | 95,9 | 101,3 |
| Other food products | 7,81 | 93,0 | 92,0 | 90,4 | 102,9 | 82,3 | 77,1 |
| Beverages | 6,89 | 98,7 | 120,6 | 110,7 | 119,7 | 143,8 | 94,6 |
| Textiles, clothing, leather and footwear | 4,07 | 92,7 | 95,4 | 108,1 | 111,8 | 76,8 | 70,7 |
| Textiles | 1,04 | 106,4 | 106,1 | 117,4 | 125,4 | 73,4 | 85,2 |
| Other textile products | 0,58 | 84,0 | 100,6 | 106,0 | 110,1 | 79,3 | 57,0 |
| Knitted, crocheted articles | 0,06 | 112,0 | 102,7 | 98,7 | 106,4 | 63,7 | 59,5 |
| Wearing apparel | 1,88 | 86,0 | 87,5 | 106,0 | 105,6 | 79,1 | 66,6 |
| Leather and leather products | 0,26 | 77,7 | 83,8 | 91,0 | 99,1 | 53,2 | 83,7 |
| Footwear | 0,25 | 116,7 | 108,0 | 110,5 | 120,8 | 96,4 | 62,3 |
| Wood and wood products, paper, publishing and printing | 10,48 | 104,7 | 106,4 | 104,4 | 114,3 | 92,5 | 86,0 |
| Sawmilling and planing of wood | 0,86 | 111,2 | 97,5 | 97,6 | 98,7 | 85,5 | 96,4 |
| Products of wood | 0,90 | 128,3 | 133,0 | 138,3 | 137,2 | 102,8 | 97,7 |
| Paper and paper products | 5,26 | 96,5 | 106,9 | 103,0 | 116,3 | 104,8 | 88,8 |
| Publishing | 2,10 | 114,0 | 96,5 | 97,5 | 95,4 | 69,0 | 74,5 |
| Printing, recorded media | 1,36 | 102,1 | 107,6 | 102,3 | 130,4 | 78,6 | 78,5 |
| Petroleum, chemical products, rubber and plastic products | 24,86 | 80,4 | 80,1 | 84,1 | 82,6 | 73,0 | 77,8 |
| Coke, petroleum products and nuclear fuel | 11,92 | 58,6 | 55,9 | 67,4 | 62,1 | 64,0 | 64,7 |
| Basic chemicals | 3,39 | 106,1 | 110,2 | 102,3 | 112,8 | 95,6 | 101,6 |
| Other chemical products | 6,82 | 94,0 | 98,6 | 91,4 | 90,8 | 76,3 | 84,4 |
| Rubber products | 0,68 | 102,2 | 93,5 | 99,9 | 100,4 | 51,0 | 90,6 |
| Plastic products | 2,05 | 111,5 | 104,8 | 121,4 | 118,5 | 84,3 | 88,3 |
| Glass and non-metallic mineral products | 3,10 | 106,1 | 107,4 | 116,5 | 120,5 | 88,6 | 91,3 |
| Glass and glass products | 0,48 | 95,7 | 110,3 | 110,9 | 112,0 | 117,3 | 105,9 |
| Non-metallic mineral products | 2,62 | 108,0 | 106,9 | 117,5 | 122,1 | 83,4 | 88,7 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 19,96 | 107,0 | 102,1 | 104,6 | 108,7 | 78,2 | 79,7 |
| Basic iron and steel products | 2,92 | 81,5 | 79,7 | 87,5 | 80,1 | 73,0 | 88,7 |
| Non-ferrous metal products | 3,54 | 94,0 | 88,4 | 98,3 | 96,0 | 81,5 | 81,8 |
| Structural metal products | 2,01 | 118,4 | 110,7 | 114,6 | 121,1 | 78,9 | 80,7 |
| Other fabricated metal products | 3,65 | 113,4 | 104,4 | 111,0 | 120,1 | 69,0 | 82,5 |
| General purpose machinery | 3,45 | 116,7 | 116,0 | 104,6 | 111,2 | 80,1 | 73,8 |
| Special purpose machinery | 3,73 | 117,9 | 110,9 | 113,0 | 123,2 | 84,7 | 72,6 |
| Household appliances | 0,66 | 108,6 | 114,3 | 102,0 | 107,6 | 85,7 | 82,1 |
| Electrical machinery | 2,14 | 112,0 | 107,3 | 112,6 | 117,3 | 71,6 | 85,6 |
| Radio, television and communication apparatus and professional equipment | 1,06 | 94,3 | 94,6 | 105,6 | 106,6 | 95,2 | 80,9 |
| Radio, television and communication apparatus | 0,03 | 94,2 | 103,4 | 117,0 | 120,4 | 107,5 | 69,4 |
| Professional equipment | 1,03 | 94,3 | 93,9 | 104,7 | 105,5 | 94,2 | 81,8 |
| Motor vehicles, parts and accessories and other transport equipment | 8,72 | 114,0 | 108,9 | 122,3 | 130,1 | 60,8 | 78,5 |
| Motor vehicles | 2,62 | 115,8 | 113,4 | 129,4 | 130,1 | 57,4 | 82,4 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,75 | 119,3 | 117,3 | 128,2 | 124,5 | 73,7 | 79,8 |
| Parts and accessories | 4,03 | 121,6 | 108,5 | 124,3 | 136,2 | 49,6 | 74,3 |
| Other transport equipment | 1,32 | 84,4 | 96,2 | 98,7 | 114,5 | 94,4 | 82,8 |
| Furniture and other manufacturing | 4,17 | 88,0 | 94,0 | 94,4 | 102,0 | 84,7 | 69,5 |
| Furniture | 0,69 | 94,5 | 107,9 | 109,4 | 115,3 | 94,1 | 76,0 |
| Other manufacturing groups | 3,48 | 86,7 | 91,2 | 91,4 | 99,4 | 82,9 | 68,2 |
| Total | 100 | 97,5 | 98,1 | 100,9 | 105,3 | 84,0 | 81,6 |

¹ Preliminary.

Table 5 – Year-on-year percentage change in the volume of manufacturing production by division and major group (Base: 2019=100)

| Manufacturing division and major group | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|---|--------------|--------------|-------------|--------------|--------------|-------------|
| Food and beverages | -2,9 | -10,1 | -2,1 | 1,9 | 2,5 | -4,1 |
| Meat, fish, fruit, etc. | 4,8 | 1,6 | 3,6 | -5,2 | -3,2 | -3,0 |
| Dairy products | 3,1 | -2,0 | 0,4 | -3,8 | -4,0 | -3,7 |
| Grain mill products | -0,4 | 5,6 | 1,7 | -1,8 | 6,3 | 10,0 |
| Other food products | -6,4 | -18,7 | -9,1 | 4,0 | -5,5 | -0,1 |
| Beverages | -5,1 | -11,2 | 0,8 | 5,5 | 11,4 | -11,1 |
| Textiles, clothing, leather and footwear | -2,3 | -5,0 | 0,7 | -0,3 | -1,4 | 6,6 |
| Textiles | -5,4 | -3,1 | 6,6 | 5,8 | 1,4 | 12,8 |
| Other textile products | -9,2 | -2,9 | -5,1 | -2,6 | -3,3 | -12,7 |
| Knitted, crocheted articles | 16,1 | -1,8 | -6,0 | 3,7 | -7,9 | 4,0 |
| Wearing apparel | 4,5 | -5,2 | 1,7 | -1,5 | 1,0 | 12,9 |
| Leather and leather products | -21,2 | -18,8 | -6,8 | -6,8 | -21,0 | 4,6 |
| Footwear | -1,6 | -4,1 | -7,0 | -6,6 | -5,2 | -16,0 |
| Wood and wood products, paper, publishing and printing | 1,7 | -4,0 | 2,8 | 10,3 | 3,0 | 5,0 |
| Sawmilling and planing of wood | -0,4 | -7,7 | 1,2 | -4,1 | 13,4 | 4,4 |
| Products of wood | 21,8 | 16,3 | 14,6 | 13,5 | 21,7 | 1,8 |
| Paper and paper products | -2,2 | -6,1 | 0,9 | 16,2 | 5,8 | 6,7 |
| Publishing | 6,8 | -9,3 | 5,4 | 7,0 | -7,9 | 2,3 |
| Printing, recorded media | -3,6 | 0,5 | -1,7 | 1,4 | -12,5 | 4,7 |
| Petroleum, chemical products, rubber and plastic products | 7,6 | 6,4 | 8,1 | -0,1 | 5,0 | 13,6 |
| Coke, petroleum products and nuclear fuel | 16,3 | 21,5 | 25,7 | 17,8 | 23,1 | 25,9 |
| Basic chemicals | -0,4 | 3,7 | 1,4 | 4,4 | 2,5 | 13,0 |
| Other chemical products | 4,9 | 1,5 | -4,7 | -16,0 | -10,4 | 5,6 |
| Rubber products | 11,3 | -10,0 | -3,9 | -2,8 | 2,6 | -1,8 |
| Plastic products | 3,7 | -6,4 | 9,5 | -4,0 | -2,0 | 1,4 |
| Glass and non-metallic mineral products | -3,5 | -6,0 | -2,8 | 2,3 | -3,0 | 5,2 |
| Glass and glass products | -16,1 | -2,5 | -2,0 | -6,1 | 15,5 | 5,4 |
| Non-metallic mineral products | -1,0 | -6,6 | -2,9 | 3,9 | -6,7 | 5,2 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 3,2 | 1,4 | 2,6 | 2,3 | 0,5 | -0,3 |
| Basic iron and steel products | -1,3 | -6,1 | -0,7 | -3,4 | 4,7 | 8,4 |
| Non-ferrous metal products | -3,7 | -0,9 | 3,6 | 1,1 | -3,2 | -2,0 |
| Structural metal products | 8,5 | -5,6 | 7,6 | 4,3 | -2,0 | 13,2 |
| Other fabricated metal products | 1,3 | -4,6 | 6,5 | 5,2 | 2,8 | 7,1 |
| General purpose machinery | 0,5 | -1,5 | -8,1 | -9,0 | -2,8 | -11,8 |
| Special purpose machinery | 13,9 | 23,1 | 9,2 | 15,5 | 3,2 | -6,3 |
| Household appliances | 3,8 | 9,1 | 0,8 | -2,6 | 3,1 | -6,1 |
| Electrical machinery | 14,2 | 4,9 | 8,0 | 7,5 | -8,6 | 5,9 |
| Radio, television and communication apparatus and professional equipment | -11,7 | -11,1 | -1,1 | -10,9 | -11,1 | 8,9 |
| Radio, television and communication apparatus | 0,4 | 3,1 | 1,7 | 5,3 | -2,5 | 8,3 |
| Professional equipment | -12,6 | -12,2 | -1,3 | -12,2 | -11,8 | 8,9 |
| Motor vehicles, parts and accessories and other transport equipment | -1,2 | -19,7 | 6,0 | 5,7 | -6,7 | -3,1 |
| Motor vehicles | -0,6 | -16,7 | 34,1 | 16,9 | 9,1 | 6,0 |
| Bodies for motor vehicles, trailers and semi-trailers | -1,1 | -7,8 | -2,1 | -7,4 | 7,3 | 11,0 |
| Parts and accessories | -1,5 | -25,2 | -2,7 | 5,8 | -21,3 | -11,9 |
| Other transport equipment | -1,6 | -12,7 | -6,9 | -7,0 | -0,5 | 0,6 |
| Furniture and other manufacturing | -2,8 | -3,9 | 0,9 | 1,8 | 1,9 | -1,7 |
| Furniture | 7,9 | 15,0 | 13,0 | 0,2 | -1,2 | 4,0 |
| Other manufacturing groups | -4,8 | -7,5 | -1,6 | 2,3 | 2,7 | -2,8 |
| Total | 1,4 | -4,4 | 2,7 | 2,7 | 1,3 | 2,6 |

Table 6 – Contribution of each division and major group to the year-on-year percentage change in the volume of manufacturing production (percentage points)

| Manufacturing division and major group | Weight | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|---|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Food and beverages | 21,44 | -0,7 | -2,5 | -0,5 | 0,4 | 0,7 | -1,0 |
| Meat, fish, fruit, etc. | 3,42 | 0,2 | 0,1 | 0,1 | -0,2 | -0,1 | -0,1 |
| Dairy products | 1,47 | 0,0 | 0,0 | 0,0 | -0,1 | -0,1 | -0,1 |
| Grain mill products | 1,85 | 0,0 | 0,1 | 0,0 | 0,0 | 0,1 | 0,2 |
| Other food products | 7,81 | -0,5 | -1,6 | -0,7 | 0,3 | -0,5 | 0,0 |
| Beverages | 6,89 | -0,4 | -1,0 | 0,1 | 0,4 | 1,2 | -1,0 |
| Textiles, clothing, leather and footwear | 4,07 | -0,1 | -0,2 | 0,0 | 0,0 | -0,1 | 0,2 |
| Textiles | 1,04 | -0,1 | 0,0 | 0,1 | 0,1 | 0,0 | 0,1 |
| Other textile products | 0,58 | -0,1 | 0,0 | 0,0 | 0,0 | 0,0 | -0,1 |
| Knitted, crocheted articles | 0,06 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Wearing apparel | 1,88 | 0,1 | -0,1 | 0,0 | 0,0 | 0,0 | 0,2 |
| Leather and leather products | 0,26 | -0,1 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Footwear | 0,25 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Wood and wood products, paper, publishing and printing | 10,48 | 0,2 | -0,4 | 0,3 | 1,1 | 0,3 | 0,5 |
| Sawmilling and planing of wood | 0,86 | 0,0 | -0,1 | 0,0 | 0,0 | 0,1 | 0,0 |
| Products of wood | 0,90 | 0,2 | 0,2 | 0,2 | 0,1 | 0,2 | 0,0 |
| Paper and paper products | 5,26 | -0,1 | -0,4 | 0,0 | 0,8 | 0,4 | 0,4 |
| Publishing | 2,10 | 0,2 | -0,2 | 0,1 | 0,1 | -0,1 | 0,0 |
| Printing, recorded media | 1,36 | -0,1 | 0,0 | 0,0 | 0,0 | -0,2 | 0,1 |
| Petroleum, chemical products, rubber and plastic products | 24,86 | 1,5 | 1,2 | 1,6 | 0,0 | 1,0 | 2,9 |
| Coke, petroleum products and nuclear fuel | 11,92 | 1,0 | 1,2 | 1,7 | 1,1 | 1,7 | 2,0 |
| Basic chemicals | 3,39 | 0,0 | 0,1 | 0,0 | 0,2 | 0,1 | 0,5 |
| Other chemical products | 6,82 | 0,3 | 0,1 | -0,3 | -1,2 | -0,7 | 0,4 |
| Rubber products | 0,68 | 0,1 | -0,1 | 0,0 | 0,0 | 0,0 | 0,0 |
| Plastic products | 2,05 | 0,1 | -0,1 | 0,2 | -0,1 | 0,0 | 0,0 |
| Glass and non-metallic mineral products | 3,10 | -0,1 | -0,2 | -0,1 | 0,1 | -0,1 | 0,2 |
| Glass and glass products | 0,48 | -0,1 | 0,0 | 0,0 | 0,0 | 0,1 | 0,0 |
| Non-metallic mineral products | 2,62 | 0,0 | -0,2 | -0,1 | 0,1 | -0,2 | 0,1 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 19,96 | 0,7 | 0,3 | 0,5 | 0,5 | 0,1 | -0,1 |
| Basic iron and steel products | 2,92 | 0,0 | -0,1 | 0,0 | -0,1 | 0,1 | 0,3 |
| Non-ferrous metal products | 3,54 | -0,1 | 0,0 | 0,1 | 0,0 | -0,1 | -0,1 |
| Structural metal products | 2,01 | 0,2 | -0,1 | 0,2 | 0,1 | 0,0 | 0,2 |
| Other fabricated metal products | 3,65 | 0,1 | -0,2 | 0,3 | 0,2 | 0,1 | 0,3 |
| General purpose machinery | 3,45 | 0,0 | -0,1 | -0,3 | -0,4 | -0,1 | -0,4 |
| Special purpose machinery | 3,73 | 0,6 | 0,8 | 0,4 | 0,6 | 0,1 | -0,2 |
| Household appliances | 0,66 | 0,0 | 0,1 | 0,0 | 0,0 | 0,0 | 0,0 |
| Electrical machinery | 2,14 | 0,3 | 0,1 | 0,2 | 0,2 | -0,2 | 0,1 |
| Radio, television and communication apparatus and professional equipment | 1,06 | -0,1 | -0,1 | 0,0 | -0,1 | -0,2 | 0,1 |
| Radio, television and communication apparatus | 0,03 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Professional equipment | 1,03 | -0,1 | -0,1 | 0,0 | -0,1 | -0,2 | 0,1 |
| Motor vehicles, parts and accessories and other transport equipment | 8,72 | -0,1 | -2,3 | 0,6 | 0,6 | -0,5 | -0,3 |
| Motor vehicles | 2,62 | 0,0 | -0,6 | 0,9 | 0,5 | 0,2 | 0,2 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,75 | 0,0 | -0,1 | 0,0 | -0,1 | 0,0 | 0,1 |
| Parts and accessories | 4,03 | -0,1 | -1,4 | -0,1 | 0,3 | -0,7 | -0,5 |
| Other transport equipment | 1,32 | 0,0 | -0,2 | -0,1 | -0,1 | 0,0 | 0,0 |
| Furniture and other manufacturing | 4,17 | -0,1 | -0,2 | 0,0 | 0,1 | 0,1 | -0,1 |
| Furniture | 0,69 | 0,0 | 0,1 | 0,1 | 0,0 | 0,0 | 0,0 |
| Other manufacturing groups | 3,48 | -0,2 | -0,3 | -0,1 | 0,1 | 0,1 | -0,1 |
| Total | 100 | 1,4 | -4,4 | 2,7 | 2,7 | 1,3 | 2,6 |

Table 7 – Seasonally adjusted index of the volume of manufacturing production by division and major group (Base: 2019=100)

| Manufacturing division and major group | Weight | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Month-on-month % change |
|---|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|
| Food and beverages | 21,44 | 98,7 | 95,9 | 99,1 | 101,7 | 100,0 | -1,7 |
| Meat, fish, fruit, etc. | 3,42 | 108,7 | 106,4 | 104,0 | 103,9 | 106,5 | 2,5 |
| Dairy products | 1,47 | 95,7 | 96,3 | 95,1 | 95,6 | 97,1 | 1,6 |
| Grain mill products | 1,85 | 104,0 | 101,6 | 96,5 | 100,7 | 107,3 | 6,6 |
| Other food products | 7,81 | 85,5 | 85,8 | 93,3 | 90,2 | 89,9 | -0,3 |
| Beverages | 6,89 | 107,9 | 100,4 | 104,7 | 115,3 | 107,0 | -7,2 |
| Textiles, clothing, leather and footwear | 4,07 | 90,2 | 91,6 | 93,1 | 93,6 | 98,2 | 4,9 |
| Textiles | 1,04 | 100,9 | 105,0 | 108,6 | 111,1 | 110,9 | -0,2 |
| Other textile products | 0,58 | 92,2 | 88,6 | 90,5 | 93,8 | 79,7 | -15,0 |
| Knitted, crocheted articles | 0,06 | 89,5 | 85,7 | 90,7 | 84,5 | 86,5 | 2,4 |
| Wearing apparel | 1,88 | 83,9 | 86,1 | 85,7 | 87,3 | 99,6 | 14,1 |
| Leather and leather products | 0,26 | 79,7 | 81,3 | 87,5 | 67,8 | 88,8 | 31,0 |
| Footwear | 0,25 | 100,0 | 96,1 | 95,9 | 97,5 | 89,9 | -7,8 |
| Wood and wood products, paper, publishing and printing | 10,48 | 93,9 | 95,8 | 97,9 | 96,9 | 96,7 | -0,2 |
| Sawmilling and planing of wood | 0,86 | 93,1 | 94,5 | 94,3 | 109,1 | 101,4 | -7,1 |
| Products of wood | 0,90 | 119,7 | 117,9 | 118,7 | 123,0 | 115,3 | -6,3 |
| Paper and paper products | 5,26 | 94,5 | 98,5 | 102,7 | 101,8 | 98,9 | -2,8 |
| Publishing | 2,10 | 80,4 | 84,2 | 81,9 | 75,3 | 82,1 | 9,0 |
| Printing, recorded media | 1,36 | 95,4 | 89,5 | 92,5 | 86,8 | 95,7 | 10,3 |
| Petroleum, chemical products, rubber and plastic products | 24,86 | 78,8 | 78,2 | 76,4 | 78,1 | 81,3 | 4,1 |
| Coke, petroleum products and nuclear fuel | 11,92 | 58,6 | 61,6 | 60,2 | 61,4 | 61,7 | 0,5 |
| Basic chemicals | 3,39 | 104,6 | 100,4 | 104,7 | 105,1 | 105,3 | 0,2 |
| Other chemical products | 6,82 | 94,8 | 86,9 | 82,0 | 85,2 | 95,7 | 12,3 |
| Rubber products | 0,68 | 89,6 | 90,6 | 92,7 | 95,3 | 94,6 | -0,7 |
| Plastic products | 2,05 | 97,2 | 104,5 | 99,5 | 100,8 | 102,5 | 1,7 |
| Glass and non-metallic mineral products | 3,10 | 100,6 | 102,4 | 105,2 | 106,9 | 109,6 | 2,5 |
| Glass and glass products | 0,48 | 105,2 | 102,9 | 98,7 | 119,1 | 111,9 | -6,0 |
| Non-metallic mineral products | 2,62 | 99,8 | 102,4 | 106,4 | 104,7 | 109,2 | 4,3 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 19,96 | 97,8 | 97,6 | 98,2 | 94,5 | 94,9 | 0,4 |
| Basic iron and steel products | 2,92 | 79,9 | 82,3 | 80,7 | 84,3 | 87,7 | 4,0 |
| Non-ferrous metal products | 3,54 | 88,8 | 91,8 | 90,9 | 86,8 | 85,6 | -1,4 |
| Structural metal products | 2,01 | 100,6 | 104,1 | 103,7 | 103,0 | 109,4 | 6,2 |
| Other fabricated metal products | 3,65 | 98,2 | 100,5 | 102,6 | 99,3 | 101,3 | 2,0 |
| General purpose machinery | 3,45 | 105,5 | 99,2 | 99,7 | 93,7 | 98,1 | 4,7 |
| Special purpose machinery | 3,73 | 109,2 | 107,0 | 110,1 | 100,3 | 93,0 | -7,3 |
| Household appliances | 0,66 | 108,5 | 100,7 | 98,2 | 101,6 | 90,4 | -11,0 |
| Electrical machinery | 2,14 | 102,6 | 103,6 | 105,5 | 96,0 | 107,2 | 11,7 |
| Radio, television and communication apparatus and professional equipment | 1,06 | 94,0 | 97,9 | 93,9 | 94,5 | 100,3 | 6,1 |
| Radio, television and communication apparatus | 0,03 | 93,7 | 92,8 | 93,9 | 92,2 | 97,4 | 5,6 |
| Professional equipment | 1,03 | 94,0 | 98,3 | 93,9 | 94,7 | 100,5 | 6,1 |
| Motor vehicles, parts and accessories and other transport equipment | 8,72 | 104,6 | 111,7 | 112,6 | 97,2 | 95,3 | -2,0 |
| Motor vehicles | 2,62 | 103,9 | 113,5 | 110,8 | 109,1 | 103,7 | -4,9 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,75 | 108,7 | 113,7 | 106,9 | 115,4 | 113,0 | -2,1 |
| Parts and accessories | 4,03 | 109,7 | 116,3 | 120,6 | 86,5 | 85,9 | -0,7 |
| Other transport equipment | 1,32 | 88,3 | 92,5 | 94,7 | 96,0 | 97,4 | 1,5 |
| Furniture and other manufacturing | 4,17 | 87,2 | 87,9 | 88,8 | 90,4 | 86,0 | -4,9 |
| Furniture | 0,69 | 96,0 | 94,8 | 91,3 | 97,2 | 95,5 | -1,7 |
| Other manufacturing groups | 3,48 | 85,5 | 86,6 | 88,3 | 89,0 | 84,1 | -5,5 |
| Total | 100 | 92,9 | 93,1 | 93,9 | 92,7 | 93,4 | 0,8 |

Table 8 – Manufacturing sales at current prices (R million)

| Month | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 ¹ |
|--------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| Jan | 168 405 | 184 367 | 183 792 | 180 331 | 204 747 | 224 556 | 245 068 |
| Feb | 187 805 | 199 110 | 203 921 | 208 150 | 231 366 | 251 334 | |
| Mar | 199 906 | 217 518 | 203 878 | 240 394 | 261 866 | 293 633 | |
| Apr | 179 170 | 206 463 | 98 652 | 217 839 | 225 651 | 254 968 | |
| May | 208 652 | 216 544 | 146 780 | 223 726 | 251 557 | 272 232 | |
| Jun | 208 167 | 216 629 | 179 335 | 230 146 | 253 134 | 275 647 | |
| Jul | 211 387 | 220 618 | 193 289 | 199 186 | 247 382 | 270 077 | |
| Aug | 218 759 | 229 429 | 199 602 | 221 163 | 258 747 | 288 300 | |
| Sep | 222 257 | 220 821 | 214 935 | 233 199 | 275 555 | 292 691 | |
| Oct | 240 466 | 240 720 | 235 300 | 231 408 | 267 185 | 300 434 | |
| Nov | 244 716 | 238 778 | 239 432 | 259 583 | 288 469 | 317 340 | |
| Dec | 197 482 | 191 072 | 197 868 | 218 714 | 238 243 | 261 096 | |
| Total | 2 487 172 | 2 582 069 | 2 296 784 | 2 663 839 | 3 003 902 | 3 302 308 | |

¹ The latest three months are preliminary.

Table 9 – Year-on-year percentage change in manufacturing sales at current prices

| Month | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2024 year-to-date |
|--------------|------------|--------------|-------------|-------------|------------|------|----------------------|
| Jan | 9,5 | -0,3 | -1,9 | 13,5 | 9,7 | 9,1 | 9,1 |
| Feb | 6,0 | 2,4 | 2,1 | 11,2 | 8,6 | | |
| Mar | 8,8 | -6,3 | 17,9 | 8,9 | 12,1 | | |
| Apr | 15,2 | -52,2 | 120,8 | 3,6 | 13,0 | | |
| May | 3,8 | -32,2 | 52,4 | 12,4 | 8,2 | | |
| Jun | 4,1 | -17,2 | 28,3 | 10,0 | 8,9 | | |
| Jul | 4,4 | -12,4 | 3,1 | 24,2 | 9,2 | | |
| Aug | 4,9 | -13,0 | 10,8 | 17,0 | 11,4 | | |
| Sep | -0,6 | -2,7 | 8,5 | 18,2 | 6,2 | | |
| Oct | 0,1 | -2,3 | -1,7 | 15,5 | 12,4 | | |
| Nov | -2,4 | 0,3 | 8,4 | 11,1 | 10,0 | | |
| Dec | -3,2 | 3,6 | 10,5 | 8,9 | 9,6 | | |
| Total | 3,8 | -11,0 | 16,0 | 12,8 | 9,9 | | |

Table 10 – Seasonally adjusted manufacturing sales at current prices

| Month | R million | | | | Month-on-month % change | | | |
|-------|-----------|---------|---------|---------|-------------------------|------|------|------|
| | 2021 | 2022 | 2023 | 2024 | 2021 | 2022 | 2023 | 2024 |
| Jan | 212 202 | 241 889 | 262 033 | 283 073 | -0,7 | 3,6 | 0,7 | -1,4 |
| Feb | 220 583 | 246 089 | 267 035 | | 3,9 | 1,7 | 1,9 | |
| Mar | 230 701 | 249 561 | 277 414 | | 4,6 | 1,4 | 3,9 | |
| Apr | 229 652 | 239 967 | 276 207 | | -0,5 | -3,8 | -0,4 | |
| May | 226 322 | 251 126 | 269 650 | | -1,5 | 4,7 | -2,4 | |
| Jun | 225 201 | 248 202 | 268 111 | | -0,5 | -1,2 | -0,6 | |
| Jul | 198 703 | 249 278 | 274 048 | | -11,8 | 0,4 | 2,2 | |
| Aug | 217 484 | 251 908 | 280 566 | | 9,5 | 1,1 | 2,4 | |
| Sep | 223 172 | 261 592 | 280 441 | | 2,6 | 3,8 | 0,0 | |
| Oct | 214 710 | 250 885 | 279 537 | | -3,8 | -4,1 | -0,3 | |
| Nov | 230 594 | 256 309 | 283 557 | | 7,4 | 2,2 | 1,4 | |
| Dec | 233 400 | 260 206 | 287 000 | | 1,2 | 1,5 | 1,2 | |

Table 11 – Manufacturing sales at current prices by division and major group (R million)

| Manufacturing division and major group | Aug-23 | Sep-23 | Oct-23 | ¹ Nov-23 | ¹ Dec-23 | ¹ Jan-24 |
|---|----------------|----------------|----------------|---------------------|---------------------|---------------------|
| Food and beverages | 63 079 | 65 944 | 67 808 | 71 689 | 70 575 | 58 217 |
| Meat, fish, fruit, etc. | 19 472 | 19 864 | 20 766 | 21 452 | 20 535 | 16 845 |
| Dairy products | 5 882 | 5 936 | 6 442 | 6 334 | 5 767 | 5 794 |
| Grain mill products | 11 768 | 11 638 | 11 887 | 11 850 | 10 812 | 11 109 |
| Other food products | 11 185 | 10 344 | 11 974 | 13 599 | 10 844 | 10 163 |
| Beverages | 14 771 | 18 161 | 16 739 | 18 453 | 22 617 | 14 306 |
| Textiles, clothing, leather and footwear | 6 542 | 6 881 | 7 532 | 7 957 | 5 387 | 4 923 |
| Textiles | 1 041 | 1 051 | 1 124 | 1 165 | 671 | 840 |
| Other textile products | 1 752 | 2 141 | 2 227 | 2 323 | 1 644 | 1 298 |
| Knitted, crocheted articles | 283 | 257 | 252 | 272 | 170 | 156 |
| Wearing apparel | 1 956 | 1 978 | 2 401 | 2 551 | 1 734 | 1 550 |
| Leather and leather products | 516 | 549 | 604 | 633 | 360 | 536 |
| Footwear | 994 | 904 | 925 | 1 014 | 809 | 544 |
| Wood and wood products, paper, publishing and printing | 19 193 | 19 929 | 19 721 | 22 330 | 18 251 | 15 552 |
| Sawmilling and planing of wood | 1 647 | 1 587 | 1 414 | 1 522 | 1 273 | 1 234 |
| Products of wood | 2 420 | 2 523 | 2 561 | 2 564 | 1 920 | 1 901 |
| Paper and paper products | 9 223 | 10 247 | 9 923 | 11 691 | 10 807 | 8 154 |
| Publishing | 2 504 | 2 101 | 2 140 | 2 108 | 1 443 | 1 706 |
| Printing, recorded media | 3 399 | 3 472 | 3 684 | 4 446 | 2 808 | 2 557 |
| Petroleum, chemical products, rubber and plastic products | 62 513 | 64 466 | 61 073 | 63 897 | 53 933 | 52 439 |
| Coke, petroleum products and nuclear fuel | 23 194 | 23 362 | 24 714 | 23 785 | 24 303 | 20 364 |
| Basic chemicals | 12 611 | 12 911 | 9 807 | 12 328 | 8 856 | 10 383 |
| Other chemical products | 15 671 | 18 013 | 14 432 | 15 363 | 12 818 | 13 120 |
| Rubber products | 2 264 | 1 968 | 2 097 | 2 305 | 1 256 | 1 635 |
| Plastic products | 8 773 | 8 211 | 10 023 | 10 117 | 6 700 | 6 937 |
| Glass and non-metallic mineral products | 7 977 | 7 785 | 8 672 | 9 319 | 6 917 | 6 807 |
| Glass and glass products | 1 512 | 1 505 | 1 795 | 1 947 | 1 901 | 1 409 |
| Non-metallic mineral products | 6 465 | 6 280 | 6 877 | 7 373 | 5 015 | 5 398 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 61 341 | 59 076 | 61 222 | 63 516 | 51 039 | 50 330 |
| Basic iron and steel products | 14 283 | 12 297 | 13 733 | 13 353 | 12 849 | 12 401 |
| Non-ferrous metal products | 14 171 | 15 655 | 16 056 | 16 447 | 15 645 | 16 688 |
| Structural metal products | 5 013 | 4 516 | 4 990 | 5 260 | 3 576 | 3 595 |
| Other fabricated metal products | 10 272 | 9 099 | 10 031 | 10 866 | 6 318 | 7 386 |
| General purpose machinery | 6 549 | 6 501 | 5 868 | 6 225 | 4 612 | 4 003 |
| Special purpose machinery | 9 574 | 9 483 | 9 187 | 9 951 | 6 884 | 5 082 |
| Household appliances | 1 479 | 1 524 | 1 356 | 1 414 | 1 153 | 1 176 |
| Electrical machinery | 7 114 | 7 468 | 7 539 | 8 369 | 5 434 | 5 581 |
| Radio, television and communication apparatus and professional equipment | 2 419 | 2 641 | 2 934 | 3 024 | 2 912 | 1 995 |
| Radio, television and communication apparatus | 1 183 | 1 345 | 1 524 | 1 569 | 1 648 | 883 |
| Professional equipment | 1 236 | 1 296 | 1 410 | 1 455 | 1 264 | 1 112 |
| Motor vehicles, parts and accessories and other transport equipment | 47 548 | 47 613 | 52 584 | 55 141 | 36 133 | 41 267 |
| Motor vehicles | 28 431 | 29 437 | 33 130 | 34 377 | 22 579 | 25 682 |
| Bodies for motor vehicles, trailers and semi-trailers | 1 947 | 1 915 | 1 954 | 2 110 | 1 421 | 1 234 |
| Parts and accessories | 14 469 | 13 134 | 14 256 | 14 915 | 9 071 | 11 660 |
| Other transport equipment | 2 701 | 3 127 | 3 244 | 3 740 | 3 062 | 2 691 |
| Furniture and other manufacturing | 10 572 | 10 888 | 11 349 | 12 097 | 10 515 | 7 957 |
| Furniture | 1 753 | 1 946 | 1 985 | 2 070 | 1 688 | 1 351 |
| Other manufacturing groups | 8 820 | 8 943 | 9 363 | 10 027 | 8 827 | 6 607 |
| Total | 288 300 | 292 691 | 300 434 | 317 340 | 261 096 | 245 068 |

¹ Preliminary.

Table 12 – Year-on-year percentage change in manufacturing sales at current prices by division and major group

| Manufacturing division and major group | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Food and beverages | 2,0 | -0,7 | 4,9 | 2,5 | 6,6 | 1,3 |
| Meat, fish, fruit, etc. | 5,8 | 3,3 | 9,4 | -1,1 | 3,3 | -0,4 |
| Dairy products | 13,4 | 6,4 | 2,4 | 1,6 | -2,2 | 3,6 |
| Grain mill products | 8,6 | 5,8 | 2,5 | -1,3 | 5,2 | 1,7 |
| Other food products | -9,8 | -10,7 | -2,2 | 1,6 | 1,3 | 6,8 |
| Beverages | -1,6 | -4,5 | 7,6 | 11,1 | 16,4 | -1,4 |
| Textiles, clothing, leather and footwear | 8,2 | 6,2 | 7,6 | 7,0 | 0,5 | 16,7 |
| Textiles | 18,0 | 13,4 | 18,4 | 17,1 | 2,9 | 25,6 |
| Other textile products | 2,8 | 12,0 | 6,0 | 9,2 | -0,1 | 1,6 |
| Knitted, crocheted articles | 22,0 | -3,0 | 3,7 | 10,6 | 2,4 | 13,0 |
| Wearing apparel | 7,6 | 2,7 | 6,9 | 3,0 | 2,1 | 31,4 |
| Leather and leather products | -2,3 | -10,7 | 2,7 | 0,0 | -15,7 | 39,6 |
| Footwear | 12,7 | 8,0 | 5,6 | 5,7 | 4,8 | -4,9 |
| Wood and wood products, paper, publishing and printing | 11,6 | 0,6 | 10,6 | 17,3 | 9,1 | 12,3 |
| Sawmilling and planing of wood | 14,1 | 16,7 | 6,6 | 8,1 | 10,6 | -4,6 |
| Products of wood | 13,0 | 12,4 | 11,3 | 7,0 | 23,7 | 0,5 |
| Paper and paper products | 9,9 | -4,3 | 11,9 | 27,3 | 11,6 | 22,8 |
| Publishing | 28,0 | -4,7 | 12,2 | 10,8 | -7,0 | 7,8 |
| Printing, recorded media | 4,4 | 5,4 | 7,2 | 7,4 | 0,6 | 4,8 |
| Petroleum, chemical products, rubber and plastic products | 20,8 | 18,0 | 10,2 | 8,7 | 10,9 | 17,5 |
| Coke, petroleum products and nuclear fuel | 59,2 | 51,3 | 40,8 | 49,2 | 55,9 | 46,9 |
| Basic chemicals | 9,0 | 7,1 | -13,1 | -5,7 | -13,7 | 5,0 |
| Other chemical products | 8,8 | 16,4 | -2,4 | -10,6 | -8,4 | 6,0 |
| Rubber products | 21,4 | -0,5 | 9,4 | 8,9 | -26,7 | -1,6 |
| Plastic products | -6,4 | -15,0 | 1,1 | -3,4 | -5,2 | 1,5 |
| Glass and non-metallic mineral products | 3,7 | -2,9 | 4,5 | 10,9 | 9,8 | 17,6 |
| Glass and glass products | -7,1 | -7,9 | 10,3 | 8,0 | 27,2 | 13,1 |
| Non-metallic mineral products | 6,5 | -1,6 | 3,1 | 11,7 | 4,3 | 18,8 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 5,1 | 0,5 | 12,3 | 3,4 | 8,0 | 6,3 |
| Basic iron and steel products | 4,4 | -7,6 | 22,8 | 6,5 | 19,1 | 1,6 |
| Non-ferrous metal products | -14,1 | -7,3 | 2,7 | -12,6 | 0,3 | 6,9 |
| Structural metal products | 15,5 | -3,8 | 16,2 | 10,4 | 5,4 | 21,5 |
| Other fabricated metal products | 9,5 | -5,2 | 12,8 | 10,2 | 5,7 | 12,1 |
| General purpose machinery | 12,7 | 7,1 | -0,9 | -1,5 | 6,7 | -9,7 |
| Special purpose machinery | 30,0 | 37,3 | 25,4 | 28,6 | 13,7 | 14,3 |
| Household appliances | 14,3 | 13,5 | 5,6 | 0,4 | 1,8 | 6,5 |
| Electrical machinery | 16,9 | 13,3 | 16,0 | 25,1 | 0,4 | 14,4 |
| Radio, television and communication apparatus and professional equipment | -2,0 | -0,1 | 19,2 | 12,0 | 7,2 | 15,5 |
| Radio, television and communication apparatus | 8,6 | 10,0 | 37,4 | 33,9 | 25,3 | 11,5 |
| Professional equipment | -10,4 | -8,8 | 4,3 | -4,8 | -9,8 | 18,8 |
| Motor vehicles, parts and accessories and other transport equipment | 24,9 | 12,7 | 29,0 | 25,9 | 20,5 | 11,6 |
| Motor vehicles | 22,2 | 17,9 | 34,2 | 34,8 | 25,4 | 11,4 |
| Bodies for motor vehicles, trailers and semi-trailers | 7,5 | 1,2 | -1,1 | 4,2 | 15,5 | 30,9 |
| Parts and accessories | 39,9 | 9,6 | 31,9 | 20,0 | 16,3 | 11,6 |
| Other transport equipment | 2,5 | -8,4 | -1,5 | -2,7 | 3,4 | 5,4 |
| Furniture and other manufacturing | 14,6 | 9,9 | 17,1 | 18,0 | 9,1 | 3,6 |
| Furniture | 23,5 | 26,5 | 34,9 | 28,3 | 30,0 | 6,9 |
| Other manufacturing groups | 13,0 | 6,9 | 13,9 | 16,1 | 5,8 | 3,0 |
| Total | 11,4 | 6,2 | 12,4 | 10,0 | 9,6 | 9,1 |

Table 13 – Contribution of each division and major group to the year-on-year percentage change in manufacturing sales at current prices (percentage points)

| Manufacturing division and major group | Aug-23 | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 |
|---|-------------|-------------|-------------|-------------|------------|------------|
| Food and beverages | 0,5 | -0,2 | 1,2 | 0,6 | 1,8 | 0,3 |
| Meat, fish, fruit, etc. | 0,4 | 0,2 | 0,7 | -0,1 | 0,3 | 0,0 |
| Dairy products | 0,3 | 0,1 | 0,1 | 0,0 | -0,1 | 0,1 |
| Grain mill products | 0,4 | 0,2 | 0,1 | -0,1 | 0,2 | 0,1 |
| Other food products | -0,5 | -0,5 | -0,1 | 0,1 | 0,1 | 0,3 |
| Beverages | -0,1 | -0,3 | 0,4 | 0,6 | 1,3 | -0,1 |
| Textiles, clothing, leather and footwear | 0,2 | 0,1 | 0,2 | 0,2 | 0,0 | 0,3 |
| Textiles | 0,1 | 0,0 | 0,1 | 0,1 | 0,0 | 0,1 |
| Other textile products | 0,0 | 0,1 | 0,0 | 0,1 | 0,0 | 0,0 |
| Knitted, crocheted articles | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Wearing apparel | 0,1 | 0,0 | 0,1 | 0,0 | 0,0 | 0,2 |
| Leather and leather products | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,1 |
| Footwear | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 | 0,0 |
| Wood and wood products, paper, publishing and printing | 0,8 | 0,0 | 0,7 | 1,1 | 0,6 | 0,8 |
| Sawmilling and planing of wood | 0,1 | 0,1 | 0,0 | 0,0 | 0,1 | 0,0 |
| Products of wood | 0,1 | 0,1 | 0,1 | 0,1 | 0,2 | 0,0 |
| Paper and paper products | 0,3 | -0,2 | 0,4 | 0,9 | 0,5 | 0,7 |
| Publishing | 0,2 | 0,0 | 0,1 | 0,1 | 0,0 | 0,1 |
| Printing, recorded media | 0,1 | 0,1 | 0,1 | 0,1 | 0,0 | 0,1 |
| Petroleum, chemical products, rubber and plastic products | 4,2 | 3,6 | 2,1 | 1,8 | 2,2 | 3,5 |
| Coke, petroleum products and nuclear fuel | 3,3 | 2,9 | 2,7 | 2,7 | 3,7 | 2,9 |
| Basic chemicals | 0,4 | 0,3 | -0,6 | -0,3 | -0,6 | 0,2 |
| Other chemical products | 0,5 | 0,9 | -0,1 | -0,6 | -0,5 | 0,3 |
| Rubber products | 0,2 | 0,0 | 0,1 | 0,1 | -0,2 | 0,0 |
| Plastic products | -0,2 | -0,5 | 0,0 | -0,1 | -0,2 | 0,0 |
| Glass and non-metallic mineral products | 0,1 | -0,1 | 0,1 | 0,3 | 0,3 | 0,5 |
| Glass and glass products | 0,0 | 0,0 | 0,1 | 0,0 | 0,2 | 0,1 |
| Non-metallic mineral products | 0,2 | 0,0 | 0,1 | 0,3 | 0,1 | 0,4 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 1,2 | 0,1 | 2,5 | 0,7 | 1,6 | 1,3 |
| Basic iron and steel products | 0,2 | -0,4 | 1,0 | 0,3 | 0,9 | 0,1 |
| Non-ferrous metal products | -0,9 | -0,4 | 0,2 | -0,8 | 0,0 | 0,5 |
| Structural metal products | 0,3 | -0,1 | 0,3 | 0,2 | 0,1 | 0,3 |
| Other fabricated metal products | 0,3 | -0,2 | 0,4 | 0,3 | 0,1 | 0,4 |
| General purpose machinery | 0,3 | 0,2 | 0,0 | 0,0 | 0,1 | -0,2 |
| Special purpose machinery | 0,9 | 0,9 | 0,7 | 0,8 | 0,3 | 0,3 |
| Household appliances | 0,1 | 0,1 | 0,0 | 0,0 | 0,0 | 0,0 |
| Electrical machinery | 0,4 | 0,3 | 0,4 | 0,6 | 0,0 | 0,3 |
| Radio, television and communication apparatus and professional equipment | 0,0 | 0,0 | 0,2 | 0,1 | 0,1 | 0,1 |
| Radio, television and communication apparatus | 0,0 | 0,0 | 0,2 | 0,1 | 0,1 | 0,0 |
| Professional equipment | -0,1 | 0,0 | 0,0 | 0,0 | -0,1 | 0,1 |
| Motor vehicles, parts and accessories and other transport equipment | 3,7 | 1,9 | 4,4 | 3,9 | 2,6 | 1,9 |
| Motor vehicles | 2,0 | 1,6 | 3,2 | 3,1 | 1,9 | 1,2 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,1 | 0,0 | 0,0 | 0,0 | 0,1 | 0,1 |
| Parts and accessories | 1,6 | 0,4 | 1,3 | 0,9 | 0,5 | 0,5 |
| Other transport equipment | 0,0 | -0,1 | 0,0 | 0,0 | 0,0 | 0,1 |
| Furniture and other manufacturing | 0,5 | 0,4 | 0,6 | 0,6 | 0,4 | 0,1 |
| Furniture | 0,1 | 0,1 | 0,2 | 0,2 | 0,2 | 0,0 |
| Other manufacturing groups | 0,4 | 0,2 | 0,4 | 0,5 | 0,2 | 0,1 |
| Total | 11,4 | 6,2 | 12,4 | 10,0 | 9,6 | 9,1 |

Table 14 – Seasonally adjusted manufacturing sales at current prices by division and major group (R million)

| Manufacturing division and major group | Sep-23 | Oct-23 | Nov-23 | Dec-23 | Jan-24 | Month-on-month % change |
|---|----------------|----------------|----------------|----------------|----------------|-------------------------|
| Food and beverages | 63 478 | 62 982 | 63 981 | 64 932 | 64 603 | -0,5 |
| Meat, fish, fruit, etc. | 19 284 | 19 586 | 19 417 | 19 065 | 19 231 | 0,9 |
| Dairy products | 5 761 | 5 742 | 5 722 | 5 550 | 5 855 | 5,5 |
| Grain mill products | 11 680 | 11 248 | 11 076 | 11 221 | 11 778 | 5,0 |
| Other food products | 10 529 | 10 854 | 11 746 | 11 558 | 11 489 | -0,6 |
| Beverages | 16 224 | 15 552 | 16 021 | 17 539 | 16 251 | -7,3 |
| Textiles, clothing, leather and footwear | 6 377 | 6 414 | 6 431 | 6 232 | 6 902 | 10,8 |
| Textiles | 982 | 982 | 1 007 | 986 | 1 026 | 4,1 |
| Other textile products | 1 940 | 1 870 | 1 894 | 1 936 | 1 821 | -5,9 |
| Knitted, crocheted articles | 229 | 224 | 235 | 225 | 230 | 2,2 |
| Wearing apparel | 1 880 | 1 990 | 1 927 | 1 886 | 2 438 | 29,3 |
| Leather and leather products | 511 | 550 | 573 | 418 | 612 | 46,4 |
| Footwear | 833 | 798 | 795 | 780 | 775 | -0,6 |
| Wood and wood products, paper, publishing and printing | 17 641 | 18 368 | 18 933 | 18 845 | 17 625 | -6,5 |
| Sawmilling and planing of wood | 1 496 | 1 386 | 1 452 | 1 534 | 1 376 | -10,3 |
| Products of wood | 2 272 | 2 233 | 2 235 | 2 473 | 2 297 | -7,1 |
| Paper and paper products | 9 006 | 9 790 | 10 307 | 10 230 | 9 014 | -11,9 |
| Publishing | 1 709 | 1 788 | 1 771 | 1 547 | 1 803 | 16,5 |
| Printing, recorded media | 3 159 | 3 171 | 3 169 | 3 060 | 3 135 | 2,5 |
| Petroleum, chemical products, rubber and plastic products | 61 603 | 56 631 | 56 880 | 56 433 | 57 553 | 2,0 |
| Coke, petroleum products and nuclear fuel | 23 256 | 23 397 | 22 597 | 23 181 | 21 508 | -7,2 |
| Basic chemicals | 12 039 | 9 089 | 10 312 | 9 703 | 11 212 | 15,6 |
| Other chemical products | 16 823 | 13 632 | 13 604 | 13 751 | 14 611 | 6,3 |
| Rubber products | 1 894 | 1 944 | 2 042 | 1 640 | 1 948 | 18,8 |
| Plastic products | 7 591 | 8 569 | 8 326 | 8 157 | 8 274 | 1,4 |
| Glass and non-metallic mineral products | 7 348 | 7 589 | 8 003 | 8 450 | 8 370 | -0,9 |
| Glass and glass products | 1 444 | 1 555 | 1 607 | 1 842 | 1 651 | -10,4 |
| Non-metallic mineral products | 5 904 | 6 034 | 6 396 | 6 608 | 6 719 | 1,7 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 57 408 | 58 710 | 58 079 | 61 197 | 58 976 | -3,6 |
| Basic iron and steel products | 12 213 | 13 548 | 12 983 | 15 786 | 13 402 | -15,1 |
| Non-ferrous metal products | 16 107 | 15 784 | 15 603 | 17 071 | 17 813 | 4,3 |
| Structural metal products | 4 165 | 4 654 | 4 539 | 4 603 | 4 898 | 6,4 |
| Other fabricated metal products | 8 544 | 9 169 | 9 273 | 9 049 | 9 167 | 1,3 |
| General purpose machinery | 5 848 | 5 591 | 5 690 | 5 477 | 5 368 | -2,0 |
| Special purpose machinery | 9 062 | 8 597 | 8 689 | 7 862 | 6 971 | -11,3 |
| Household appliances | 1 469 | 1 367 | 1 302 | 1 350 | 1 356 | 0,4 |
| Electrical machinery | 7 059 | 7 063 | 7 338 | 6 611 | 7 081 | 7,1 |
| Radio, television and communication apparatus and professional equipment | 2 475 | 2 591 | 2 519 | 2 545 | 2 682 | 5,4 |
| Radio, television and communication apparatus | 1 219 | 1 288 | 1 229 | 1 282 | 1 238 | -3,4 |
| Professional equipment | 1 256 | 1 303 | 1 290 | 1 263 | 1 444 | 14,3 |
| Motor vehicles, parts and accessories and other transport equipment | 46 492 | 48 534 | 50 604 | 51 232 | 48 716 | -4,9 |
| Motor vehicles | 28 551 | 29 791 | 32 525 | 32 473 | 30 769 | -5,2 |
| Bodies for motor vehicles, trailers and semi-trailers | 1 775 | 1 769 | 1 813 | 1 961 | 1 840 | -6,2 |
| Parts and accessories | 13 308 | 13 949 | 13 180 | 13 674 | 12 914 | -5,6 |
| Other transport equipment | 2 858 | 3 025 | 3 086 | 3 125 | 3 193 | 2,2 |
| Furniture and other manufacturing | 10 562 | 10 654 | 10 790 | 10 524 | 10 565 | 0,4 |
| Furniture | 1 701 | 1 705 | 1 647 | 1 750 | 1 829 | 4,5 |
| Other manufacturing groups | 8 861 | 8 950 | 9 143 | 8 774 | 8 736 | -0,4 |
| Total | 280 441 | 279 537 | 283 557 | 287 000 | 283 073 | -1,4 |

Analysis of revisions

Introduction

Preliminary monthly indices for manufacturing production are published approximately six weeks after the reference month, e.g. preliminary manufacturing production for April are published around the second week of June. The preliminary values are revised the following month, using additional information received from respondents. This and other reasons for revising manufacturing production from time to time are shown in the following revisions schedule.

Revisions schedule for manufacturing production

| Reason for revision | Schedule |
|--|--|
| Additional information from respondents | Monthly (revision of the previous three months) |
| New sample | Annual (July reference month published in September) |
| New weights for manufacturing production | Annually |
| New base year for manufacturing production | Periodic, approximately four- to five-year intervals |

Note that seasonally adjusted values are revised monthly.

Analysis

Revisions may be analysed in terms of several dimensions, namely production indices, rand values and/or growth rates (e.g. month-on-month percentage changes, year-on-year percentage changes); seasonally adjusted and/or unadjusted data; totals and/or components; preliminary estimate compared with first revision and/or latest available revision; and various combinations of these options.

This analysis is confined to the following:

- Total manufacturing production, year-on-year growth rate, unadjusted.
- Preliminary growth rates are compared with the latest available revised growth rates, where the preliminary growth rate refers to the first year-on-year growth rate published for the month in question.
- Time period: January 2012 to December 2023.

Figure 3 shows the preliminary and revised growth rates (line chart, left vertical axis) and the difference between them (bar chart, right vertical axis, where difference = revised - preliminary).

Table 15 provides key results relating to revisions.

Figure 3 – Manufacturing production year-on-year growth rates: preliminary and revised

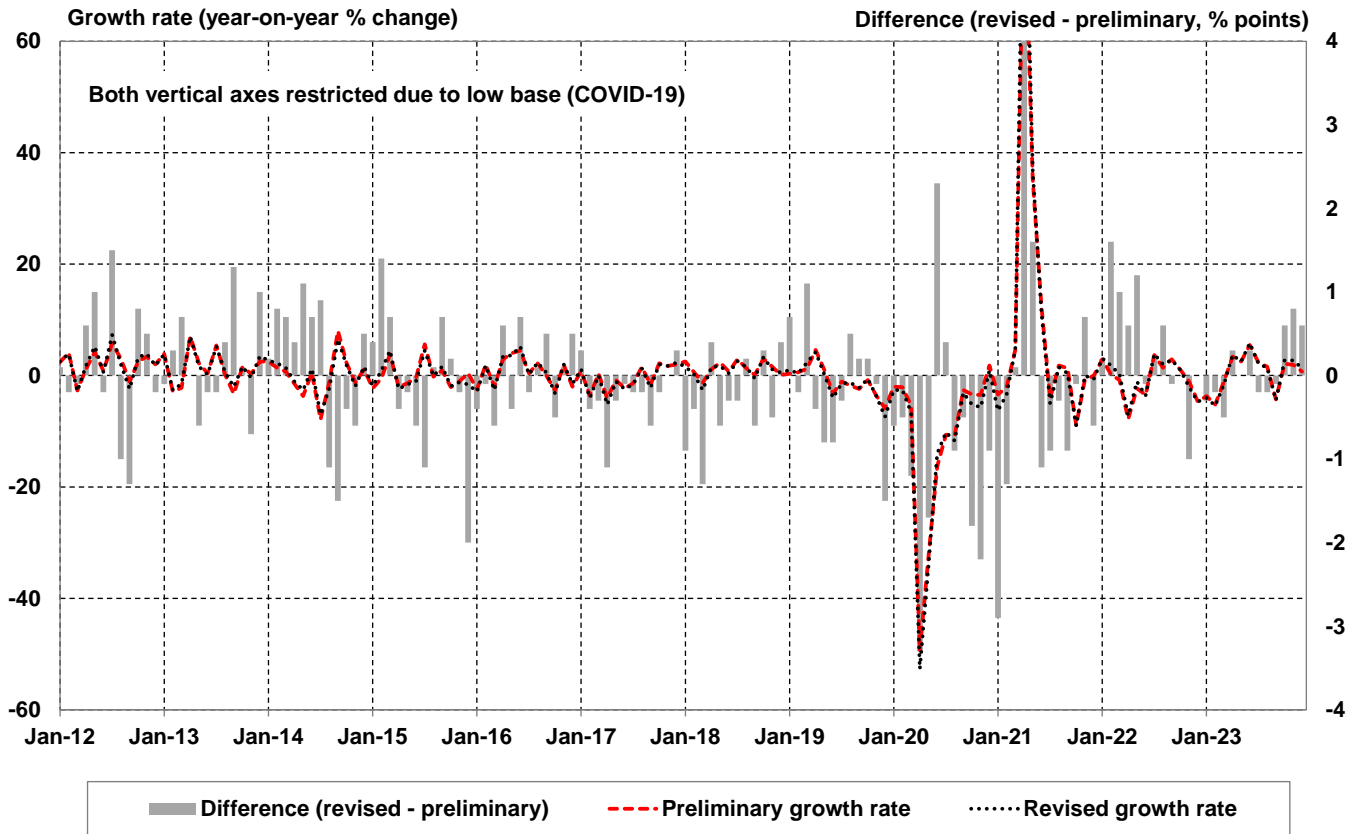


Table 15 – Manufacturing production year-on-year growth rates: preliminary and revised

| Description | Value / outcome | Comment |
|--|--------------------------------------|---|
| Average year-on-year growth rate over the whole period | Preliminary: 0,24% Revised: 0,23% | The average of revised growth rates is slightly lower than the average of preliminary growth rates |
| Mean revision | -0,01 of a percentage point | This is the average of the revisions |
| Mean absolute revision | 0,71 of a percentage point | Average of the revisions, but based on the absolute value of each revision (positives and negatives do not cancel each other) |
| Largest upward revision | 13,2 percentage points | Preliminary 87,9% was revised up to 101,1% (April 2021; affected by COVID-19) |
| Largest downward revision | -3,3 percentage points | Preliminary -49,4% was revised down to -52,7% (April 2020; affected by COVID-19) |
| Range for all revisions | -3,3 to 13,2 percentage points | |
| Range within which 90% of the revisions lie | -1,5 to 1,3 percentage points | This may be regarded as the normal range for revisions, with revisions outside this range being outliers |

| Description | Value / outcome | Comment |
|--|---|---|
| Number of upward revisions | 61 (or 42,4% of the total observations) | |
| Number of downward revisions | 78 (or 54,2% of the total observations) | |
| Number of zero revisions | 5 (or 3,5% of the total observations) | |
| Is the mean revision (-0,01) significantly different from zero? | No | This indicates that there is no bias in the preliminary estimates – see Note 1 below |
| Standard deviation of the revisions | 1,38 percentage points | Standard deviation is a measure of dispersion about the mean – see the row below |
| Percentage of revisions that lie within one standard deviation of the mean | 90,3% | This is the percentage of revisions that lie between -1,39 and 1,37 percentage points; the higher the percentage, the lower is the dispersion about the mean – see Figure 4 |

Note 1: Is the mean revision significantly different from zero?

The formula for the test statistic is as follows:

$$test\ statistic = \frac{\bar{R}}{\sqrt{\left(\frac{1}{n(n-1)}\right) \left(\sum_{t=1}^n \hat{\epsilon}_t^2 + \frac{3}{4} \sum_{t=2}^n \hat{\epsilon}_t \hat{\epsilon}_{t-1} + \frac{2}{3} \sum_{t=3}^n \hat{\epsilon}_t \hat{\epsilon}_{t-2}\right)}}$$

where

n = number of observations

\bar{R} = mean revision

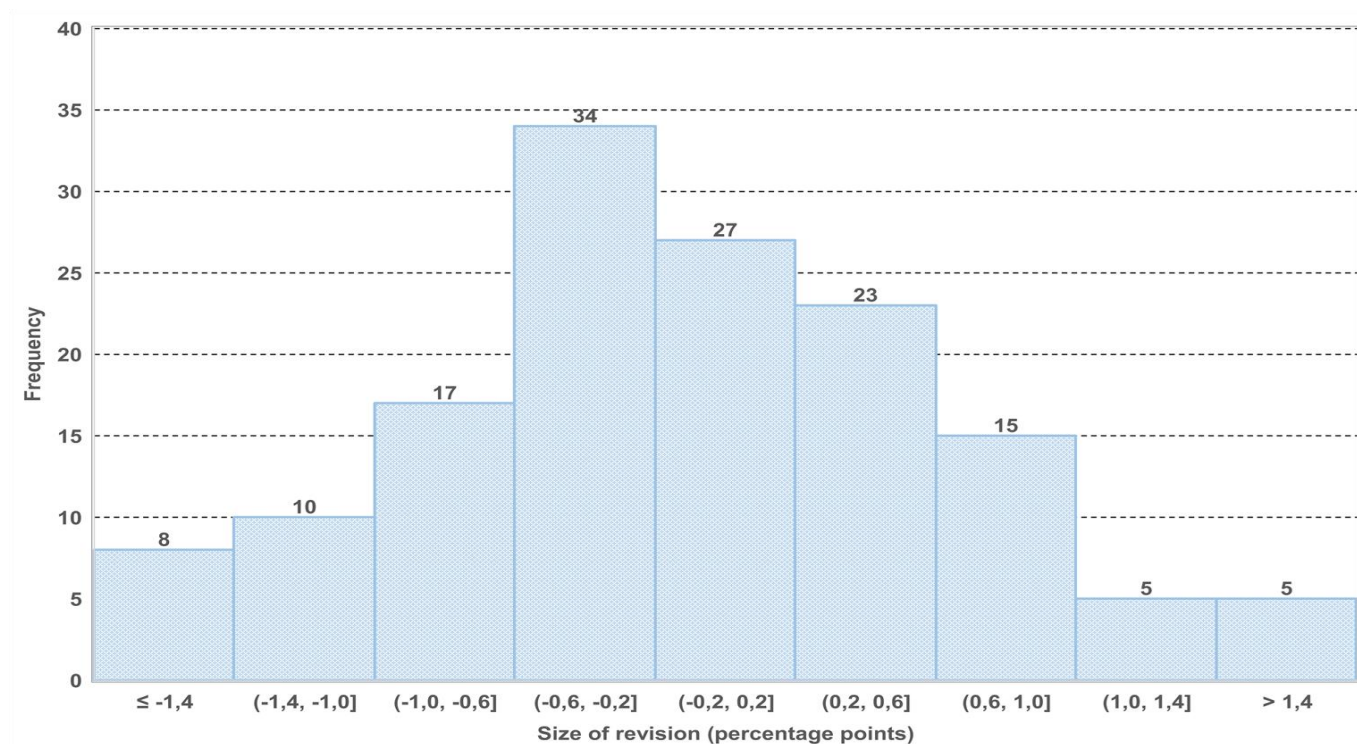
$\hat{\epsilon}_t = R_t - \bar{R}$, with R_t = revision in period t

Note that if the test statistic shows that the mean revision (MR) is significantly different from zero, then there is bias in the preliminary estimates. Bias in a series suggests there is scope to enhance the compilation of that series in an attempt to remove or minimise the bias. MR > 0 (statistically significant) implies under-estimation of the preliminary estimates. MR < 0 (statistically significant) implies over-estimation of the preliminary estimates.

In this case the test statistic is -0,08, which has an absolute value below the critical value of 1,98, indicating that the MR is not significantly different from zero at a 5% significance level. Accordingly, no bias is detected in the preliminary estimates.

Figure 4 shows the revisions in terms of a histogram. There were 34 revisions between -0,6 and -0,2 ($-0,6 < \text{revision} \leq -0,2$) and 27 revisions between -0,2 and 0,2 ($-0,2 < \text{revision} \leq 0,2$). Around 80,6% of revisions lie between -1,0 and 1,0 percentage point.

Figure 4 – Manufacturing production year-on-year growth rates: histogram of revisions



Survey information

| | |
|---|--|
| Introduction | <p>1 Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the statistical business register (SBR), with enhanced coverage of South African businesses (see point 4). The release contains monthly indices of the volume of manufacturing production and monthly value of sales of manufactured products by division and major group.</p> <p>2 In accordance with international practice, the indices are usually re-based every five years to a new base year. The current base period of the index is 2019. Both estimated and seasonally adjusted figures are presented.</p> <p>3 In order to improve timeliness, some information for the latest month had to be estimated due to late response. These estimates will be revised in future statistical releases as soon as information becomes available.</p> <p>4 Stats SA is continuously updating its SBR, based on units registered for value-added tax (VAT) and income tax (IT) obtained from the South African Revenue Service (SARS).</p> |
| Purpose of the survey | <p>5 The results of the monthly manufacturing production and sales survey are used to calculate the volume of manufacturing production indices in order to estimate the gross domestic product (GDP) and its components, which in turn are used to develop and monitor government policy. These indices provide an indicator of the real level of manufacturing activity in the economy.</p> |
| Special Data Dissemination Standard of the IMF | <p>6 The data in this statistical release adhere to the Special Data Dissemination Standard (SDDS) of the International Monetary Fund (IMF), which sets out standards on coverage, periodicity and timeliness of data, access by the public, integrity, and quality of the disseminated data.</p> |
| Scope of the survey | <p>7 This survey covers manufacturing enterprises, i.e. those conducting activities in:</p> <ul style="list-style-type: none"> • the manufacturing, processing, making or packing of products; • the slaughtering of animals, including poultry; and • installation, assembly, completion, repair and related work. |
| Classification | <p>8 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. Statistics in this publication are presented at SIC division (two-digit) and major group (three-digit) level.</p> |
| Collection rate | <p>9 The preliminary collection rate for the survey on manufacturing production and sales was 66,0% for January 2024. The improved collection rate for December 2023 was 69,8%.</p> |
| Statistical unit | <p>10 The statistical unit for which information is compiled and published is an enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.</p> |
| Revised figures | <p>11 Revised figures are mainly due to late submission of data to Stats SA, or respondents reporting revisions or corrections to their figures. Preliminary figures, as indicated in the relevant tables, are subject to change and when revised will not be indicated as such.</p> |
| Related publications | <p>12 Users may also wish to refer to <i>Stats in Brief</i> available from Stats SA.</p> |

- Rounding-off of figures** 13 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.
- Historical data** 14 Historical manufacturing data are available on the Stats SA webpage. Click on the following link ([Time series data](#)) to access the data electronically.
- Past publications** 15 Past manufacturing releases are available on the Stats SA webpage. Click on the following link ([Past publications](#)) to access the releases electronically.

Technical notes

- Survey methodology and design** 1 The survey is conducted monthly. Questionnaires are sent to a sample of 3 261 enterprises from a population of 31 501 manufacturing 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 on non-respondents.
- 2 A stratified random sample was drawn at the Standard Industrial Classification (SIC) three-digit level in April 2023 from Stats SA's statistical business register (SBR). Strata were formed using a combination of the SIC and the measure of size classes for enterprises (see point 3 below).

The Neyman optimal allocation formula used to allocate samples to each stratum is a formula below:

$$n_h = \frac{N_h S_h}{\sum N_h S_h}$$

N_h and S_h are the stratum population size and the stratum variance respectively.

- Class limits** 3 Each manufacturing major group is divided into four size groups. All large enterprises (size group one) are completely enumerated. Simple random sampling is applied to medium (size group two) and to small (size groups three and four) enterprises. The total value of sales of manufactured products of large enterprises (size group one) in a major group is added to the weighted totals of size groups two, three and four of that major group to reflect the total value of sales of the major group.

Measure of size classes (Rand)

| Enterprise size | Size group | Lower limit | Upper limit |
|-----------------|------------|-------------|-------------|
| Very small | 4 | 2 248 526 | 20 000 000 |
| Small | 3 | 20 000 001 | 52 000 000 |
| Medium | 2 | 52 000 001 | 204 000 000 |
| Large | 1 | 204 000 001 | |

- Sample weighting** 4 For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form major group and division estimates. These procedures are consistent with international best practice.
- Index of the volume of manufacturing production** 5 The index of the volume of manufacturing production, also known as a production index, is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The current base period is 2019. The production in the base period is set at 100.

Calculation of production index

- 6** The calculation of the monthly production indices is based on the value of sales of products and articles manufactured and change in monthly value of stocks of manufactured products, after the effect of price changes has been eliminated through deflation using appropriate indices of the producer price index (PPI). For 38 of the 44 major groups in manufacturing, the value of production is calculated from the value of sales and stocks of manufactured products obtained from the monthly survey of manufacturing enterprises.
- 7** More direct indicators are used for the value of production of the following major groups:
- tobacco;
 - coke and refined petroleum products;
 - basic iron and steel products;
 - basic precious and non-ferrous metal products;
 - motor vehicles; and
 - parts and accessories for motor vehicles.

The volume indices for these major groups are calculated on the basis of quantities. This method is used by the national statistical agencies of many other countries for petroleum products as the results are considered more satisfactory (mainly because these commodities are relatively homogeneous).

Index weighting

- 8** For indices, a weight is calculated for every major group according to the value added of the major group (i.e. output of a major group minus intermediate consumption) relative to the total value added of the manufacturing industry as a whole, 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 production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total volume of manufacturing production. 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 2024 | National accounts |

- 9** The weights reflect the importance of the major group/division to the total manufacturing industry. The weights change over time due to changes in the relative performance of industries, quality changes, changes in relative prices, and changes in customer preferences. New weights are calculated and implemented annually.

Table E – Weights by division and major group

| Manufacturing division and major group | Weights used for manufacturing indices by period | | | |
|---|--|--|--|---|
| | 2017 (based on value added for 2015 – 2017) | 2018 (based on value added for 2016 – 2018) | 2019 (based on value added for 2017 – 2019) | 2020 – 2024 (based on value added for 2018 – 2020) |
| Food and beverages | 19,76 | 20,18 | 20,75 | 21,44 |
| Meat, fish, fruit, etc. | 2,74 | 2,95 | 3,27 | 3,42 |
| Dairy products | 1,32 | 1,34 | 1,39 | 1,47 |
| Grain mill products | 1,81 | 1,69 | 1,68 | 1,85 |
| Other food products | 7,53 | 7,76 | 7,75 | 7,81 |
| Beverages | 6,36 | 6,44 | 6,66 | 6,89 |
| Textiles, clothing, leather and footwear | 4,44 | 4,38 | 4,26 | 4,07 |
| Textiles | 1,11 | 1,10 | 1,08 | 1,04 |
| Other textile products | 0,67 | 0,65 | 0,61 | 0,58 |
| Knitted, crocheted articles | 0,06 | 0,06 | 0,06 | 0,06 |
| Wearing apparel | 2,07 | 2,04 | 1,98 | 1,88 |
| Leather and leather products | 0,28 | 0,28 | 0,27 | 0,26 |
| Footwear | 0,25 | 0,25 | 0,25 | 0,25 |
| Wood and wood products, paper, publishing and printing | 10,76 | 10,77 | 10,63 | 10,48 |
| Sawmilling and planing of wood | 0,93 | 0,93 | 0,87 | 0,86 |
| Products of wood | 0,86 | 0,87 | 0,88 | 0,90 |
| Paper and paper products | 5,33 | 5,39 | 5,34 | 5,26 |
| Publishing | 2,28 | 2,24 | 2,18 | 2,10 |
| Printing, recorded media | 1,36 | 1,34 | 1,35 | 1,36 |
| Petroleum, chemical products, rubber and plastic products | 25,25 | 25,38 | 24,95 | 24,86 |
| Coke, petroleum products and nuclear fuel | 11,72 | 12,02 | 11,85 | 11,92 |
| Basic chemicals | 3,82 | 3,69 | 3,50 | 3,39 |
| Other chemical products | 6,42 | 6,54 | 6,64 | 6,82 |
| Rubber products | 0,91 | 0,84 | 0,76 | 0,68 |
| Plastic products | 2,38 | 2,29 | 2,20 | 2,05 |
| Glass and non-metallic mineral products | 3,66 | 3,42 | 3,24 | 3,10 |
| Glass and glass products | 0,57 | 0,51 | 0,49 | 0,48 |
| Non-metallic mineral products | 3,09 | 2,91 | 2,75 | 2,62 |
| Basic iron and steel, non-ferrous metal products, metal products and machinery | 19,55 | 19,47 | 19,73 | 19,96 |
| Basic iron and steel products | 2,77 | 2,82 | 2,92 | 2,92 |
| Non-ferrous metal products (including precious metals) | 3,48 | 3,26 | 3,32 | 3,54 |
| Structural metal products | 1,97 | 1,98 | 1,99 | 2,01 |
| Other fabricated metal products | 3,32 | 3,35 | 3,53 | 3,65 |
| General purpose machinery | 3,36 | 3,46 | 3,42 | 3,45 |
| Special purpose machinery | 3,93 | 3,87 | 3,85 | 3,73 |
| Household appliances | 0,71 | 0,73 | 0,70 | 0,66 |
| Electrical machinery | 2,42 | 2,31 | 2,21 | 2,14 |
| Radio, television and communication apparatus and professional equipment | 1,34 | 1,21 | 1,07 | 1,06 |
| Radio, television and communication apparatus | 0,29 | 0,13 | 0,04 | 0,03 |
| Professional equipment | 1,05 | 1,08 | 1,03 | 1,03 |
| Motor vehicles, parts and accessories and other transport equipment | 8,56 | 8,66 | 8,89 | 8,72 |
| Motor vehicles | 2,61 | 2,65 | 2,78 | 2,62 |
| Bodies for motor vehicles, trailers and semi-trailers | 0,68 | 0,71 | 0,73 | 0,75 |
| Parts and accessories | 3,91 | 3,93 | 3,97 | 4,03 |
| Other transport equipment | 1,36 | 1,37 | 1,40 | 1,32 |
| Furniture and other manufacturing | 4,26 | 4,21 | 4,27 | 4,17 |
| Furniture | 0,91 | 0,86 | 0,78 | 0,69 |
| Other manufacturing groups | 3,35 | 3,35 | 3,49 | 3,48 |
| Total | 100 | 100 | 100 | 100 |

Seasonal adjustment 10 Seasonally adjusted estimates are generated each month, using the X-12 Seasonal Adjustment Program developed by the United States Census Bureau. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. This means the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour. The X-12-ARIMA procedure for manufacturing production and sales is described in more detail on the Stats SA website:
[Click to download Manufacturing seasonal adjustment February 2022.](#)

Trend cycle 11 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.

Reliability of estimates 12 Data presented in this publication are based on information obtained from a sample and are, therefore, subject to sampling variability; that is, they may differ from the figures that would have been produced if the data had been obtained from all enterprises in the manufacturing industry in South Africa. Estimates are subject to sampling and non-sampling errors.

13 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 months as a result of seasonal and economic factors.

Relative standard error 14 One measure of the likely difference is given by the standard error (SE), which indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer to the size of the estimate.

Estimates of total industry sales within 95% confidence limits – January 2024

| | Lower limit (R million) | Estimate (R million) | Upper limit (R million) | Relative standard error (RSE) % |
|-------------|----------------------------|-------------------------|----------------------------|---------------------------------------|
| Total sales | 241 340 | 245 068 | 248 797 | 0,8 |

Month-on-month percentage change 15 The month-on-month percentage change in a variable for any given month is the change between that month and the previous month, expressed as a percentage of the latter.

Year-on-year (annual) percentage change 16 The year-on-year percentage change in a variable for any given period is the change between that period and the corresponding period of the previous year, expressed as a percentage of the latter.

Index contribution (percentage points) 17 The contribution (percentage points) of a major group or division to the total manufacturing production percentage change for a given period is calculated by multiplying the difference in the index of each major group or division by the weight of the major group or division and then dividing by the previous period total manufacturing index.

Sales contribution (percentage points) 18 The contribution (percentage points) of a division or major group to the percentage change in total manufacturing sales for a given period is calculated by multiplying the percentage change of each major group or division with its percentage contribution to the total sales of the previous period, divided by 100.

Glossary

| | | |
|----------------------------------|--|---|
| Enterprise | The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. | |
| Industry | 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 (SIC)</i> , Fifth Edition, Report No. 09-90-02 of January 1993. | |
| Sales | Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection, assembly or other services rendered. | |
| Symbols and abbreviations | GDP | Gross domestic product |
| | IMF | International Monetary Fund |
| | ISIC | International Standard Industrial Classification |
| | LSS | Large sample survey |
| | NA | National accounts |
| | PPI | Producer price index |
| | SARS | South African Revenue Service |
| | SBR | Statistical business register |
| | SDDS | Special Data Dissemination Standard |
| | SIC | Standard Industrial Classification of All Economic Activities |
| | Stats SA | Statistics South Africa |
| | VAT | Value-added tax |
| | * | Revised figures |

Technical enquiries

Nicolai Claassen Telephone number: (012) 310 8007 / 072 310 5351
Email: nicolaic@statssa.gov.za

General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's 12 official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English.

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data; and also that they specify that the relevant application and analysis (where applicable) result from their own processing of the data.

Advance release calendar

An advance release calendar is disseminated on www.statssa.gov.za.

Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division
National Library of South Africa, Cape Town Division
Natal Society Library, Pietermaritzburg
Library of Parliament, Cape Town
Bloemfontein Public Library
Johannesburg Public Library
Eastern Cape Library Services, Qonce
Central Regional Library, Polokwane
Central Reference Library, Mbombela
Central Reference Collection, Kimberley
Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

Electronic services

A large range of data is available via online services. For more details about our electronic data services, contact Stats SA's user information service at (012) 310 8600.

You can visit us on the internet at: www.statssa.gov.za.

General enquiries

| | |
|------------------------------|---|
| User information services | Telephone number: (012) 310 8600 Email address: info@statssa.gov.za |
| Orders/subscription services | Telephone number: (012) 310 8619 Email address: millies@statssa.gov.za |
| Postal address | Private Bag X44, Pretoria, 0001 |

Produced by Stats SA