



**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)

October 2023

Embargoed until:  
12 December 2023  
13:00

**ENQUIRIES:**  
Nicolai Claassen  
Tel: 072 310 5351

**FORTHCOMING ISSUE:**  
November 2023

**EXPECTED RELEASE DATE:**  
11 January 2024



## Contents

<b>Production: results for October 2023</b> .....	<b>2</b>
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
<b>Sales: results for October 2023</b> .....	<b>5</b>
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
<b>Tables</b> .....	<b>6</b>
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
<b>Survey information</b> .....	<b>16</b>
<b>Technical notes</b> .....	<b>17</b>
Table E – Weights by division and major group .....	19
<b>Glossary</b> .....	<b>21</b>
<b>Technical enquiries</b> .....	<b>21</b>
<b>General information</b> .....	<b>22</b>

**Production: results for October 2023****Table A – Key growth rates in the volume of manufacturing production**

	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Year-on-year % change, unadjusted	2,5	5,8	2,1	1,5	-4,1	2,1
Month-on-month % change, seasonally adjusted	-1,2	1,1	-1,7	0,5	-0,8	-0,2
3-month % change, seasonally adjusted <sup>1</sup>	2,5	2,0	0,5	-0,4	-1,3	-0,7

<sup>1</sup> Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Manufacturing production increased by 2,1% in October 2023 compared with October 2022. The largest positive contributions were made by the following divisions:

- petroleum, chemical products, rubber and plastic products (7,8% and contributing 1,5 percentage points); and
- motor vehicles, parts and accessories and other transport equipment (6,0% and contributing 0,6 of a percentage point) – see Tables 5 and 6.

Seasonally adjusted manufacturing production decreased by 0,2% in October 2023 compared with September 2023. This followed month-on-month changes of -0,8% in September 2023 and 0,5% in August 2023 – see Table A.

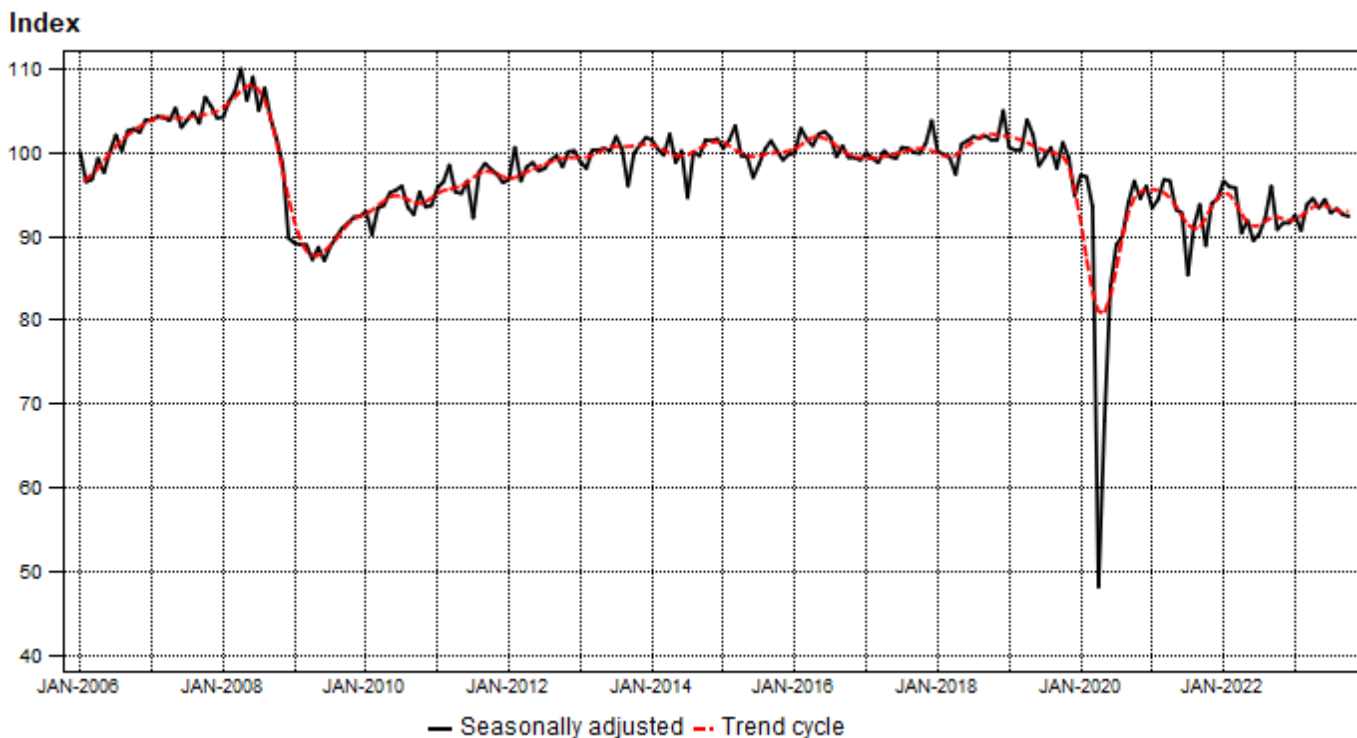
Seasonally adjusted manufacturing production decreased by 0,7% in the three months ended October 2023 compared with the previous three months. Seven of the ten manufacturing divisions reported negative growth rates over this period.

The largest negative contribution was made by the food and beverages division (-3,5% and contributing -0,8 of a percentage point) – see Table B.

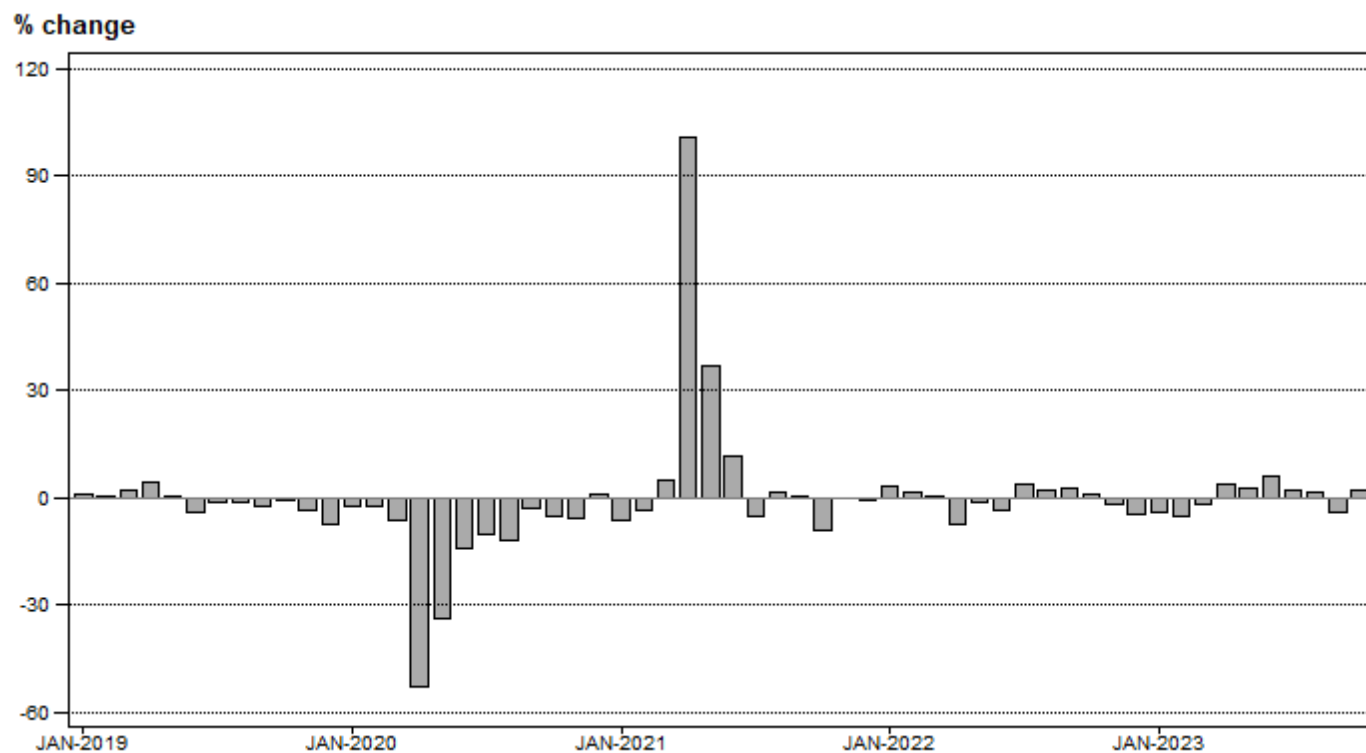
**Table B – Seasonally adjusted manufacturing production for the latest three months by division and major group (Base: 2019=100)**

Manufacturing division and major group	Weight	May – Jul 2023	Aug – Oct 2023	% change between May – Jul 2023 and Aug – Oct 2023	Contribution (% points) to the total % change
<b>Food and beverages</b>	<b>21,44</b>	<b>99,6</b>	<b>96,1</b>	<b>-3,5</b>	<b>-0,8</b>
Meat, fish, fruit, etc.	3,42	108,8	108,9	0,1	0,0
Dairy products	1,47	103,0	96,3	-6,5	-0,1
Grain mill products	1,85	103,7	102,8	-0,9	0,0
Other food products	7,81	87,1	84,5	-3,0	-0,2
Beverages	6,89	107,5	101,1	-6,0	-0,5
<b>Textiles, clothing, leather and footwear</b>	<b>4,07</b>	<b>92,4</b>	<b>90,1</b>	<b>-2,5</b>	<b>-0,1</b>
Textiles	1,04	104,7	100,4	-4,1	0,0
Other textile products	0,58	89,9	89,5	-0,4	0,0
Knitted, crocheted articles	0,06	86,7	94,2	8,7	0,0
Wearing apparel	1,88	86,1	84,6	-1,7	0,0
Leather and leather products	0,26	85,7	80,6	-6,0	0,0
Footwear	0,25	103,2	99,5	-3,6	0,0
<b>Wood and wood products, paper, publishing and printing</b>	<b>10,48</b>	<b>93,2</b>	<b>95,7</b>	<b>2,7</b>	<b>0,3</b>
Sawmilling and planing of wood	0,86	96,1	95,8	-0,3	0,0
Products of wood	0,90	109,5	118,8	8,5	0,1
Paper and paper products	5,26	92,5	95,2	2,9	0,2
Publishing	2,10	86,7	87,7	1,2	0,0
Printing, recorded media	1,36	93,2	94,6	1,5	0,0
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>24,86</b>	<b>78,2</b>	<b>77,9</b>	<b>-0,4</b>	<b>-0,1</b>
Coke, petroleum products and nuclear fuel	11,92	60,3	58,9	-2,3	-0,2
Basic chemicals	3,39	98,2	101,8	3,7	0,1
Other chemical products	6,82	90,6	90,1	-0,6	0,0
Rubber products	0,68	90,5	93,9	3,8	0,0
Plastic products	2,05	103,5	102,8	-0,7	0,0
<b>Glass and non-metallic mineral products</b>	<b>3,10</b>	<b>101,5</b>	<b>100,4</b>	<b>-1,1</b>	<b>0,0</b>
Glass and glass products	0,48	103,5	99,0	-4,3	0,0
Non-metallic mineral products	2,62	101,1	100,7	-0,4	0,0
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>19,96</b>	<b>98,6</b>	<b>99,2</b>	<b>0,6</b>	<b>0,1</b>
Basic iron and steel products	2,92	80,3	82,3	2,5	0,1
Non-ferrous metal products	3,54	89,7	90,5	0,9	0,0
Structural metal products	2,01	98,3	103,8	5,6	0,1
Other fabricated metal products	3,65	108,3	101,8	-6,0	-0,3
General purpose machinery	3,45	106,4	104,4	-1,9	-0,1
Special purpose machinery	3,73	103,7	110,0	6,1	0,3
Household appliances	0,66	106,1	106,1	0,0	0,0
<b>Electrical machinery</b>	<b>2,14</b>	<b>110,0</b>	<b>104,5</b>	<b>-5,0</b>	<b>-0,1</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>1,06</b>	<b>100,9</b>	<b>94,5</b>	<b>-6,3</b>	<b>-0,1</b>
Radio, television and communication apparatus	0,03	93,4	92,1	-1,4	0,0
Professional equipment	1,03	101,5	94,7	-6,7	-0,1
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>8,72</b>	<b>106,3</b>	<b>106,6</b>	<b>0,3</b>	<b>0,0</b>
Motor vehicles	2,62	105,0	105,7	0,7	0,0
Bodies for motor vehicles, trailers and semi-trailers	0,75	109,5	112,4	2,6	0,0
Parts and accessories	4,03	111,7	112,0	0,3	0,0
Other transport equipment	1,32	90,7	88,9	-2,0	0,0
<b>Furniture and other manufacturing</b>	<b>4,17</b>	<b>88,9</b>	<b>87,8</b>	<b>-1,2</b>	<b>0,0</b>
Furniture	0,69	92,0	94,0	2,2	0,0
Other manufacturing groups	3,48	88,2	86,6	-1,8	-0,1
<b>Total</b>	<b>100</b>	<b>93,5</b>	<b>92,8</b>	<b>-0,7</b>	<b>-0,7</b>

**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 October 2023****Table C – Key growth rates in manufacturing sales at current prices**

	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
Year-on-year % change, unadjusted	8,2	8,9	9,2	11,4	6,2	11,6
Month-on-month % change, seasonally adjusted	-2,8	-0,4	1,6	2,3	-0,1	-0,7
3-month % change, seasonally adjusted <sup>1</sup>	4,0	0,8	-1,5	-0,5	2,0	3,0

<sup>1</sup> Percentage change between the previous 3 months and the 3 months ending in the month indicated.

Seasonally adjusted manufacturing sales decreased by 0,7% in October 2023 compared with September 2023. This followed month-on-month changes of -0,1% in September 2023 and 2,3% in August 2023 – see Table C.

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

Manufacturing division	May – Jul 2023 (R million)	Aug – Oct 2023 (R million)	% change between May – Jul 2023 and Aug – Oct 2023	Contribution (% points) to the total % change
Food and beverages	191 378	187 089	-2,2	-0,5
Textiles, clothing, leather and footwear	18 978	19 076	0,5	0,0
Wood and wood products, paper, publishing and printing	53 572	53 959	0,7	0,0
Petroleum, chemical products, rubber and plastic products	160 761	178 111	10,8	2,1
Glass and non-metallic mineral products	21 744	22 127	1,8	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	174 872	175 484	0,3	0,1
Electrical machinery	22 757	21 153	-7,0	-0,2
Radio, television and communication apparatus and professional equipment	7 311	7 412	1,4	0,0
Motor vehicles, parts and accessories and other transport equipment	127 111	138 083	8,6	1,3
Furniture and other manufacturing	31 717	32 111	1,2	0,0
<b>Total</b>	<b>810 203</b>	<b>834 603</b>	<b>3,0</b>	<b>3,0</b>

Seasonally adjusted manufacturing sales increased by 3,0% in the three months ended October 2023 compared with the previous three months.

The largest positive contributions were made by the following divisions:

- petroleum, chemical products, rubber and plastic products (10,8% and contributing 2,1 percentage points); and
- motor vehicles, parts and accessories and other transport equipment (8,6% and contributing 1,3 percentage points) – see Table D.

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

## Tables

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

Month	2017	2018	2019	2020	2021	2022	2023 <sup>1</sup>
Jan	85,7	87,1	88,0	85,7	80,3	82,8	79,5
Feb	94,3	94,5	94,9	92,4	89,3	90,9	86,0
Mar	101,5	98,9	101,2	94,5	98,9	99,1	97,5
Apr	90,5	91,9	95,8	45,3	91,1	84,5	87,6
May	100,1	101,8	102,0	67,2	92,0	91,0	93,3
Jun	101,5	101,9	97,8	84,1	93,7	90,3	95,5
Jul	100,6	103,2	101,8	91,4	86,8	90,2	92,1
Aug	105,0	106,6	105,2	92,9	94,3	96,2	97,6
Sep	105,4	104,9	102,6	99,4	99,8	102,6	98,4
Oct	109,8	113,4	112,7	106,8	97,2	98,2	100,3
Nov	114,0	115,3	111,0	104,7	104,7	102,5	
Dec	93,2	93,7	86,8	87,6	87,0	82,9	
<b>Total</b>	<b>100,1</b>	<b>101,1</b>	<b>100,0</b>	<b>87,7</b>	<b>92,9</b>	<b>92,6</b>	

<sup>1</sup> The latest three months are preliminary.

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

Month	2018	2019	2020	2021	2022	2023	2023 year-to-date
Jan	1,6	1,0	-2,6	-6,3	3,1	-4,0	-4,0
Feb	0,2	0,4	-2,6	-3,4	1,8	-5,4	-4,7
Mar	-2,6	2,3	-6,6	4,7	0,2	-1,6	-3,5
Apr	1,5	4,2	-52,7	101,1	-7,2	3,7	-1,8
May	1,7	0,2	-34,1	36,9	-1,1	2,5	-1,0
Jun	0,4	-4,0	-14,0	11,4	-3,6	5,8	0,1
Jul	2,6	-1,4	-10,2	-5,0	3,9	2,1	0,4
Aug	1,5	-1,3	-11,7	1,5	2,0	1,5	0,6
Sep	-0,5	-2,2	-3,1	0,4	2,8	-4,1	-0,1
Oct	3,3	-0,6	-5,2	-9,0	1,0	2,1	0,2
Nov	1,1	-3,7	-5,7	0,0	-2,1		
Dec	0,5	-7,4	0,9	-0,7	-4,7		
<b>Total</b>	<b>1,0</b>	<b>-1,1</b>	<b>-12,3</b>	<b>5,9</b>	<b>-0,3</b>		

**Table 3 – Seasonally adjusted volume of manufacturing production**

Month	Index (Base: 2019=100)				Month-on-month % change			
	2020	2021	2022	2023	2020	2021	2022	2023
Jan	97,3	93,4	96,6	92,5	2,6	-2,7	2,2	1,0
Feb	97,1	94,4	95,9	90,7	-0,2	1,1	-0,7	-1,9
Mar	93,5	96,8	95,8	93,8	-3,7	2,5	-0,1	3,4
Apr	48,2	96,6	90,4	94,5	-48,4	-0,2	-5,6	0,7
May	68,0	93,2	91,9	93,4	41,1	-3,5	1,7	-1,2
Jun	84,0	92,8	89,5	94,4	23,5	-0,4	-2,6	1,1
Jul	89,0	85,4	90,3	92,8	6,0	-8,0	0,9	-1,7
Aug	90,0	91,2	92,2	93,3	1,1	6,8	2,1	0,5
Sep	94,0	93,8	96,0	92,6	4,4	2,9	4,1	-0,8
Oct	96,6	88,9	90,8	92,4	2,8	-5,2	-5,4	-0,2
Nov	94,5	93,9	91,6		-2,2	5,6	0,9	
Dec	96,0	94,5	91,6		1,6	0,6	0,0	

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

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

<sup>1</sup> 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	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
<b>Food and beverages</b>	<b>1,0</b>	<b>6,3</b>	<b>-3,8</b>	<b>-2,8</b>	<b>-9,9</b>	<b>-4,3</b>
Meat, fish, fruit, etc.	5,2	12,5	4,2	4,9	1,6	4,3
Dairy products	31,7	22,1	-2,9	3,1	-2,0	-0,2
Grain mill products	7,7	2,9	7,0	-0,4	6,1	1,7
Other food products	-5,5	15,3	-9,5	-5,9	-18,7	-9,4
Beverages	-1,1	-7,7	-5,2	-5,0	-10,8	-5,6
<b>Textiles, clothing, leather and footwear</b>	<b>0,9</b>	<b>7,0</b>	<b>0,7</b>	<b>-2,3</b>	<b>-4,8</b>	<b>-0,7</b>
Textiles	-3,3	2,2	-7,0	-5,4	-3,4	-0,7
Other textile products	0,7	5,6	-2,2	-9,3	-2,3	-4,2
Knitted, crocheted articles	-9,4	-6,2	2,9	16,1	9,5	0,2
Wearing apparel	4,5	17,4	8,1	4,5	-5,2	1,5
Leather and leather products	-11,6	-15,9	-4,2	-21,2	-18,3	-2,4
Footwear	13,8	2,8	1,3	-1,6	-4,1	-7,2
<b>Wood and wood products, paper, publishing and printing</b>	<b>0,7</b>	<b>0,4</b>	<b>6,9</b>	<b>1,7</b>	<b>-2,5</b>	<b>3,6</b>
Sawmilling and planing of wood	4,0	13,2	14,2	-0,4	-7,7	0,8
Products of wood	6,7	6,2	11,9	21,8	16,3	14,6
Paper and paper products	-1,0	-4,8	4,6	-2,2	-5,6	0,8
Publishing	3,3	14,9	13,1	6,8	-3,5	6,7
Printing, recorded media	-3,5	-6,9	-0,9	-3,6	1,2	3,7
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>-3,4</b>	<b>2,2</b>	<b>7,3</b>	<b>7,6</b>	<b>6,5</b>	<b>7,8</b>
Coke, petroleum products and nuclear fuel	4,5	20,5	38,8	16,3	21,5	25,7
Basic chemicals	-12,7	-8,8	-13,2	-0,4	3,8	0,7
Other chemical products	-7,6	-5,9	-5,2	4,9	1,6	-5,4
Rubber products	-7,8	0,1	6,9	12,6	-8,8	-1,8
Plastic products	7,3	0,9	0,5	3,7	-6,4	9,9
<b>Glass and non-metallic mineral products</b>	<b>1,0</b>	<b>-4,1</b>	<b>1,8</b>	<b>-4,1</b>	<b>-6,4</b>	<b>-1,8</b>
Glass and glass products	-3,1	0,9	0,2	-16,1	-2,5	-2,0
Non-metallic mineral products	1,7	-5,1	2,1	-1,7	-7,1	-1,8
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>7,3</b>	<b>7,1</b>	<b>-1,9</b>	<b>3,2</b>	<b>1,4</b>	<b>2,2</b>
Basic iron and steel products	-3,7	3,7	-14,2	-1,3	-6,1	-1,1
Non-ferrous metal products	5,7	11,5	0,4	-3,7	-0,9	3,5
Structural metal products	14,1	-1,4	8,5	8,5	-5,8	7,0
Other fabricated metal products	16,3	13,9	6,7	1,3	-4,6	5,6
General purpose machinery	2,6	3,7	-11,0	0,5	-1,5	-8,7
Special purpose machinery	10,6	7,5	-0,9	13,8	22,9	8,4
Household appliances	1,7	7,3	7,8	3,8	9,1	0,8
<b>Electrical machinery</b>	<b>16,4</b>	<b>16,9</b>	<b>14,8</b>	<b>14,2</b>	<b>5,2</b>	<b>8,1</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>3,2</b>	<b>-3,8</b>	<b>3,5</b>	<b>-11,7</b>	<b>-13,3</b>	<b>-2,9</b>
Radio, television and communication apparatus	14,2	3,6	19,6	0,4	0,5	-0,3
Professional equipment	2,5	-4,3	2,7	-12,6	-14,4	-3,1
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>15,0</b>	<b>18,9</b>	<b>9,1</b>	<b>-1,2</b>	<b>-19,7</b>	<b>6,0</b>
Motor vehicles	17,3	36,7	36,1	-0,6	-16,7	34,1
Bodies for motor vehicles, trailers and semi-trailers	-0,3	-11,9	-11,4	-1,1	-7,4	-2,0
Parts and accessories	22,5	23,9	3,2	-1,5	-25,2	-2,7
Other transport equipment	-3,1	-0,3	-3,1	-1,6	-12,7	-7,1
<b>Furniture and other manufacturing</b>	<b>-9,7</b>	<b>3,5</b>	<b>-3,5</b>	<b>-2,8</b>	<b>-2,8</b>	<b>2,1</b>
Furniture	0,9	3,2	7,2	7,9	15,0	13,0
Other manufacturing groups	-11,5	3,4	-5,4	-4,8	-6,2	0,0
<b>Total</b>	<b>2,5</b>	<b>5,8</b>	<b>2,1</b>	<b>1,5</b>	<b>-4,1</b>	<b>2,1</b>

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

**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	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Month-on-month % change
<b>Food and beverages</b>	<b>21,44</b>	<b>102,4</b>	<b>97,8</b>	<b>96,8</b>	<b>97,9</b>	<b>93,6</b>	<b>-4,4</b>
Meat, fish, fruit, etc.	3,42	109,9	109,8	109,9	109,3	107,5	-1,6
Dairy products	1,47	105,6	93,3	96,9	95,9	96,1	0,2
Grain mill products	1,85	103,0	103,3	101,3	104,5	102,5	-1,9
Other food products	7,81	93,7	84,7	83,7	84,9	84,8	-0,1
Beverages	6,89	107,9	106,2	103,9	105,6	93,9	-11,1
<b>Textiles, clothing, leather and footwear</b>	<b>4,07</b>	<b>93,6</b>	<b>91,4</b>	<b>90,5</b>	<b>90,0</b>	<b>89,8</b>	<b>-0,2</b>
Textiles	1,04	108,2	100,4	103,2	99,6	98,3	-1,3
Other textile products	0,58	90,1	92,0	86,7	92,6	89,1	-3,8
Knitted, crocheted articles	0,06	82,7	91,7	95,8	96,5	90,4	-6,3
Wearing apparel	1,88	87,5	85,1	84,5	83,7	85,6	2,3
Leather and leather products	0,26	83,3	90,4	80,3	80,0	81,5	1,9
Footwear	0,25	101,0	101,3	100,9	100,8	96,9	-3,9
<b>Wood and wood products, paper, publishing and printing</b>	<b>10,48</b>	<b>92,1</b>	<b>96,5</b>	<b>96,6</b>	<b>94,5</b>	<b>96,0</b>	<b>1,6</b>
Sawmilling and planing of wood	0,86	97,9	99,7	100,4	93,2	93,8	0,6
Products of wood	0,90	104,4	114,8	119,4	119,4	117,7	-1,4
Paper and paper products	5,26	91,3	96,3	94,0	93,8	97,8	4,3
Publishing	2,10	86,3	88,8	92,5	84,6	85,9	1,5
Printing, recorded media	1,36	92,7	94,9	95,0	96,6	92,1	-4,7
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>24,86</b>	<b>78,2</b>	<b>78,0</b>	<b>77,5</b>	<b>78,4</b>	<b>77,7</b>	<b>-0,9</b>
Coke, petroleum products and nuclear fuel	11,92	60,4	60,8	57,2	58,3	61,1	4,8
Basic chemicals	3,39	98,8	95,6	101,7	104,2	99,6	-4,4
Other chemical products	6,82	90,6	90,0	90,2	93,9	86,1	-8,3
Rubber products	0,68	91,8	96,1	98,9	90,9	91,9	1,1
Plastic products	2,05	102,0	103,3	106,4	97,1	104,9	8,0
<b>Glass and non-metallic mineral products</b>	<b>3,10</b>	<b>98,8</b>	<b>102,1</b>	<b>99,5</b>	<b>99,7</b>	<b>102,1</b>	<b>2,4</b>
Glass and glass products	0,48	105,5	102,1	91,2	104,3	101,6	-2,6
Non-metallic mineral products	2,62	97,5	102,1	101,0	98,8	102,2	3,4
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>19,96</b>	<b>100,4</b>	<b>95,3</b>	<b>101,9</b>	<b>97,9</b>	<b>97,9</b>	<b>0,0</b>
Basic iron and steel products	2,92	81,7	79,9	84,0	80,2	82,8	3,2
Non-ferrous metal products	3,54	90,8	88,5	90,4	88,9	92,1	3,6
Structural metal products	2,01	95,7	99,3	107,0	100,6	103,7	3,1
Other fabricated metal products	3,65	110,2	104,6	107,5	98,1	99,8	1,7
General purpose machinery	3,45	109,7	98,5	107,9	105,9	99,4	-6,1
Special purpose machinery	3,73	107,6	97,0	112,3	109,4	108,2	-1,1
Household appliances	0,66	107,3	109,2	106,5	109,8	102,0	-7,1
<b>Electrical machinery</b>	<b>2,14</b>	<b>107,1</b>	<b>112,5</b>	<b>107,3</b>	<b>102,5</b>	<b>103,8</b>	<b>1,3</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>1,06</b>	<b>98,3</b>	<b>101,5</b>	<b>95,4</b>	<b>91,9</b>	<b>96,2</b>	<b>4,7</b>
Radio, television and communication apparatus	0,03	94,0	92,5	93,2	91,8	91,2	-0,7
Professional equipment	1,03	98,6	102,2	95,6	91,9	96,6	5,1
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>8,72</b>	<b>107,4</b>	<b>105,7</b>	<b>105,0</b>	<b>104,0</b>	<b>110,8</b>	<b>6,5</b>
Motor vehicles	2,62	104,8	107,0	100,1	103,8	113,2	9,1
Bodies for motor vehicles, trailers and semi-trailers	0,75	109,2	106,5	113,1	109,5	114,6	4,7
Parts and accessories	4,03	113,8	110,8	112,1	108,8	115,2	5,9
Other transport equipment	1,32	92,1	87,1	88,8	87,0	90,8	4,4
<b>Furniture and other manufacturing</b>	<b>4,17</b>	<b>90,0</b>	<b>89,6</b>	<b>85,7</b>	<b>88,9</b>	<b>88,8</b>	<b>-0,1</b>
Furniture	0,69	92,4	93,7	90,8	96,2	94,9	-1,4
Other manufacturing groups	3,48	89,5	88,8	84,7	87,4	87,6	0,2
<b>Total</b>	<b>100</b>	<b>94,4</b>	<b>92,8</b>	<b>93,3</b>	<b>92,6</b>	<b>92,4</b>	<b>-0,2</b>

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

Month	2017	2018	2019	2020	2021	2022	2023 <sup>1</sup>
Jan	161 326	168 405	184 367	183 792	180 331	204 747	224 556
Feb	176 230	187 805	199 110	203 921	208 150	231 366	251 334
Mar	197 373	199 906	217 518	203 878	240 394	261 866	293 633
Apr	171 351	179 170	206 463	98 652	217 839	225 651	254 968
May	194 792	208 652	216 544	146 780	223 726	251 557	272 232
Jun	198 191	208 167	216 629	179 335	230 146	253 134	275 647
Jul	189 719	211 387	220 618	193 289	199 186	247 382	270 077
Aug	201 775	218 759	229 429	199 602	221 163	258 747	288 267
Sep	203 735	222 257	220 821	214 935	233 199	275 555	292 643
Oct	213 493	240 466	240 720	235 300	231 408	267 185	298 197
Nov	231 283	244 716	238 778	239 432	259 583	288 469	
Dec	188 321	197 482	191 072	197 868	218 714	238 243	
<b>Total</b>	<b>2 327 589</b>	<b>2 487 172</b>	<b>2 582 069</b>	<b>2 296 784</b>	<b>2 663 839</b>	<b>3 003 902</b>	

<sup>1</sup> The latest three months are preliminary.

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

Month	2018	2019	2020	2021	2022	2023	2023 year-to-date
Jan	4,4	9,5	-0,3	-1,9	13,5	9,7	9,7
Feb	6,6	6,0	2,4	2,1	11,2	8,6	9,1
Mar	1,3	8,8	-6,3	17,9	8,9	12,1	10,3
Apr	4,6	15,2	-52,2	120,8	3,6	13,0	10,9
May	7,1	3,8	-32,2	52,4	12,4	8,2	10,3
Jun	5,0	4,1	-17,2	28,3	10,0	8,9	10,1
Jul	11,4	4,4	-12,4	3,1	24,2	9,2	10,0
Aug	8,4	4,9	-13,0	10,8	17,0	11,4	10,1
Sep	9,1	-0,6	-2,7	8,5	18,2	6,2	9,7
Oct	12,6	0,1	-2,3	-1,7	15,5	11,6	9,9
Nov	5,8	-2,4	0,3	8,4	11,1		
Dec	4,9	-3,2	3,6	10,5	8,9		
<b>Total</b>	<b>6,9</b>	<b>3,8</b>	<b>-11,0</b>	<b>16,0</b>	<b>12,8</b>		

**Table 10 – Seasonally adjusted manufacturing sales at current prices**

Month	R million				Month-on-month % change			
	2020	2021	2022	2023	2020	2021	2022	2023
Jan	212 560	212 447	242 315	262 305	2,9	-0,9	3,2	0,0
Feb	216 532	221 269	246 958	267 998	1,9	4,2	1,9	2,2
Mar	198 794	230 889	249 794	277 770	-8,2	4,3	1,1	3,6
Apr	105 183	230 353	240 610	277 000	-47,1	-0,2	-3,7	-0,3
May	147 218	226 280	250 725	269 308	40,0	-1,8	4,2	-2,8
Jun	175 682	225 225	248 359	268 239	19,3	-0,5	-0,9	-0,4
Jul	189 036	198 065	248 016	272 656	7,6	-12,1	-0,1	1,6
Aug	196 954	216 463	250 594	279 053	4,2	9,3	1,0	2,3
Sep	205 095	222 418	260 212	278 722	4,1	2,8	3,8	-0,1
Oct	214 214	214 768	250 623	276 828	4,4	-3,4	-3,7	-0,7
Nov	214 997	230 884	257 019		0,4	7,5	2,6	
Dec	214 299	234 738	262 341		-0,3	1,7	2,1	

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

Manufacturing division and major group	May-23	Jun-23	Jul-23	<sup>1</sup> Aug-23	<sup>1</sup> Sep-23	<sup>1</sup> Oct-23
<b>Food and beverages</b>	<b>65 447</b>	<b>60 190</b>	<b>59 457</b>	<b>63 076</b>	<b>65 940</b>	<b>66 292</b>
Meat, fish, fruit, etc.	19 147	19 227	18 968	19 483	19 763	20 906
Dairy products	6 140	5 711	5 544	5 882	5 938	6 418
Grain mill products	12 533	12 222	11 832	11 768	11 703	11 926
Other food products	12 823	8 967	9 919	11 153	10 315	11 917
Beverages	14 805	14 064	13 194	14 790	18 221	15 125
<b>Textiles, clothing, leather and footwear</b>	<b>6 287</b>	<b>6 255</b>	<b>6 476</b>	<b>6 540</b>	<b>6 926</b>	<b>7 494</b>
Textiles	1 077	1 012	950	1 041	1 048	1 057
Other textile products	1 740	1 822	1 751	1 750	2 152	2 224
Knitted, crocheted articles	225	204	238	283	289	266
Wearing apparel	1 932	1 865	2 069	1 956	1 978	2 397
Leather and leather products	508	523	540	516	554	628
Footwear	804	828	927	994	905	923
<b>Wood and wood products, paper, publishing and printing</b>	<b>16 518</b>	<b>17 815</b>	<b>17 985</b>	<b>19 193</b>	<b>20 130</b>	<b>19 794</b>
Sawmilling and planing of wood	1 478	1 505	1 533	1 647	1 587	1 407
Products of wood	2 281	2 140	2 394	2 420	2 523	2 561
Paper and paper products	8 399	9 492	9 274	9 223	10 295	9 912
Publishing	1 568	1 759	1 833	2 504	2 227	2 163
Printing, recorded media	2 792	2 920	2 951	3 399	3 498	3 752
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>53 551</b>	<b>57 121</b>	<b>52 752</b>	<b>62 510</b>	<b>64 550</b>	<b>60 337</b>
Coke, petroleum products and nuclear fuel	16 472	20 572	18 007	23 194	23 362	24 161
Basic chemicals	11 086	11 218	9 555	12 601	12 938	9 690
Other chemical products	15 687	15 408	14 570	15 671	18 036	14 283
Rubber products	2 010	2 003	2 174	2 271	2 003	2 143
Plastic products	8 295	7 920	8 446	8 773	8 211	10 060
<b>Glass and non-metallic mineral products</b>	<b>7 620</b>	<b>7 289</b>	<b>7 601</b>	<b>7 933</b>	<b>7 827</b>	<b>8 695</b>
Glass and glass products	1 416	1 411	1 358	1 512	1 505	1 795
Non-metallic mineral products	6 204	5 878	6 243	6 422	6 321	6 900
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>61 643</b>	<b>62 417</b>	<b>57 599</b>	<b>61 337</b>	<b>59 021</b>	<b>61 069</b>
Basic iron and steel products	13 138	14 995	13 565	14 283	12 297	13 789
Non-ferrous metal products	17 625	15 805	14 354	14 171	15 629	16 041
Structural metal products	4 357	4 313	4 358	5 013	4 506	4 964
Other fabricated metal products	10 122	10 294	9 565	10 272	9 100	9 953
General purpose machinery	6 461	6 581	5 582	6 549	6 501	5 843
Special purpose machinery	8 485	8 960	8 739	9 570	9 464	9 122
Household appliances	1 454	1 468	1 436	1 479	1 524	1 356
<b>Electrical machinery</b>	<b>7 692</b>	<b>7 616</b>	<b>7 898</b>	<b>7 137</b>	<b>7 493</b>	<b>7 580</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>2 349</b>	<b>2 362</b>	<b>2 228</b>	<b>2 419</b>	<b>2 578</b>	<b>2 887</b>
Radio, television and communication apparatus	929	966	1 050	1 183	1 317	1 488
Professional equipment	1 420	1 396	1 178	1 236	1 261	1 400
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>40 540</b>	<b>43 903</b>	<b>47 035</b>	<b>47 548</b>	<b>47 031</b>	<b>52 423</b>
Motor vehicles	23 317	26 696	29 673	28 431	28 842	33 071
Bodies for motor vehicles, trailers and semi-trailers	1 938	2 003	1 792	1 947	1 923	1 974
Parts and accessories	12 572	12 350	13 052	14 469	13 138	14 142
Other transport equipment	2 713	2 854	2 518	2 701	3 128	3 236
<b>Furniture and other manufacturing</b>	<b>10 585</b>	<b>10 678</b>	<b>11 046</b>	<b>10 572</b>	<b>11 147</b>	<b>11 627</b>
Furniture	1 622	1 671	1 635	1 753	1 946	1 985
Other manufacturing groups	8 963	9 007	9 411	8 820	9 202	9 642
<b>Total</b>	<b>272 232</b>	<b>275 647</b>	<b>270 077</b>	<b>288 267</b>	<b>292 643</b>	<b>298 197</b>

<sup>1</sup> Preliminary.

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

Manufacturing division and major group	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23
<b>Food and beverages</b>	<b>14,7</b>	<b>4,1</b>	<b>5,0</b>	<b>2,0</b>	<b>-0,7</b>	<b>2,5</b>
Meat, fish, fruit, etc.	7,5	8,4	9,7	5,9	2,7	10,1
Dairy products	43,9	29,2	17,6	13,4	6,4	2,1
Grain mill products	22,4	16,2	10,9	8,6	6,4	2,8
Other food products	29,0	-13,6	-6,5	-10,0	-11,0	-2,7
Beverages	0,2	-4,8	-1,2	-1,4	-4,2	-2,7
<b>Textiles, clothing, leather and footwear</b>	<b>10,6</b>	<b>19,2</b>	<b>12,2</b>	<b>8,2</b>	<b>6,8</b>	<b>7,0</b>
Textiles	24,8	22,2	14,5	18,0	13,1	11,4
Other textile products	10,8	16,6	5,9	2,7	12,6	5,9
Knitted, crocheted articles	-1,3	-1,4	13,9	22,0	9,1	9,5
Wearing apparel	3,0	28,6	25,2	7,6	2,7	6,7
Leather and leather products	-2,5	5,4	-10,6	-2,3	-9,9	6,8
Footwear	28,6	17,6	12,5	12,7	8,1	5,4
<b>Wood and wood products, paper, publishing and printing</b>	<b>27,4</b>	<b>14,0</b>	<b>18,3</b>	<b>11,6</b>	<b>1,6</b>	<b>11,0</b>
Sawmilling and planing of wood	33,6	29,7	9,7	14,1	16,7	6,1
Products of wood	26,0	12,0	14,7	13,0	12,4	11,3
Paper and paper products	34,2	14,6	25,2	9,9	-3,8	11,8
Publishing	22,9	33,2	33,4	28,0	1,0	13,4
Printing, recorded media	11,1	-1,1	0,5	4,4	6,2	9,2
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>-2,1</b>	<b>3,5</b>	<b>9,9</b>	<b>20,8</b>	<b>18,2</b>	<b>8,8</b>
Coke, petroleum products and nuclear fuel	-4,9	12,8	36,9	59,2	51,3	37,7
Basic chemicals	-7,2	0,2	-13,6	9,0	7,3	-14,1
Other chemical products	0,2	0,5	9,0	8,8	16,6	-3,4
Rubber products	24,1	4,3	25,7	21,8	1,3	11,8
Plastic products	1,5	-6,9	-2,7	-6,4	-15,0	1,5
<b>Glass and non-metallic mineral products</b>	<b>3,5</b>	<b>1,6</b>	<b>6,2</b>	<b>3,1</b>	<b>-2,4</b>	<b>4,8</b>
Glass and glass products	0,0	2,7	3,5	-7,1	-7,9	10,3
Non-metallic mineral products	4,4	1,3	6,8	5,8	-1,0	3,5
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>-1,0</b>	<b>-1,8</b>	<b>-0,1</b>	<b>5,1</b>	<b>0,4</b>	<b>12,0</b>
Basic iron and steel products	-15,4	-12,6	-2,1	4,4	-7,6	23,3
Non-ferrous metal products	-12,2	-16,8	-18,3	-14,1	-7,5	2,6
Structural metal products	20,2	-0,4	16,7	15,5	-4,0	15,6
Other fabricated metal products	16,7	13,4	10,7	9,5	-5,2	11,9
General purpose machinery	16,8	18,7	0,5	12,7	7,1	-1,4
Special purpose machinery	12,2	25,5	24,6	30,0	37,0	24,5
Household appliances	12,4	12,1	14,3	14,3	13,5	5,6
<b>Electrical machinery</b>	<b>29,1</b>	<b>29,5</b>	<b>30,9</b>	<b>17,3</b>	<b>13,7</b>	<b>16,6</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>10,1</b>	<b>2,8</b>	<b>-2,6</b>	<b>-2,0</b>	<b>-2,5</b>	<b>17,3</b>
Radio, television and communication apparatus	13,4	2,4	7,6	8,6	7,7	34,2
Professional equipment	8,1	3,1	-10,2	-10,4	-11,3	3,6
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>23,8</b>	<b>38,9</b>	<b>21,0</b>	<b>24,9</b>	<b>11,3</b>	<b>28,6</b>
Motor vehicles	16,9	46,7	17,6	22,2	15,5	34,0
Bodies for motor vehicles, trailers and semi-trailers	13,3	-3,1	-3,5	7,5	1,6	-0,1
Parts and accessories	48,2	43,4	40,9	39,9	9,6	30,8
Other transport equipment	4,0	4,4	-0,5	2,5	-8,3	-1,7
<b>Furniture and other manufacturing</b>	<b>-0,7</b>	<b>22,5</b>	<b>12,7</b>	<b>14,6</b>	<b>12,5</b>	<b>20,0</b>
Furniture	10,8	16,6	18,7	23,5	26,5	34,9
Other manufacturing groups	-2,5	23,7	11,8	13,0	10,0	17,3
<b>Total</b>	<b>8,2</b>	<b>8,9</b>	<b>9,2</b>	<b>11,4</b>	<b>6,2</b>	<b>11,6</b>

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

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

Manufacturing division and major group	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Month-on-month % change
<b>Food and beverages</b>	<b>61 870</b>	<b>63 158</b>	<b>61 888</b>	<b>62 889</b>	<b>62 312</b>	<b>-0,9</b>
Meat, fish, fruit, etc.	19 228	19 582	19 180	19 268	19 785	2,7
Dairy products	6 114	5 924	5 847	5 776	5 792	0,3
Grain mill products	12 099	11 758	11 572	11 618	11 118	-4,3
Other food products	9 036	10 165	9 995	10 357	10 588	2,2
Beverages	15 393	15 729	15 295	15 871	15 029	-5,3
<b>Textiles, clothing, leather and footwear</b>	<b>6 319</b>	<b>6 359</b>	<b>6 296</b>	<b>6 401</b>	<b>6 379</b>	<b>-0,3</b>
Textiles	979	966	991	972	935	-3,8
Other textile products	1 789	1 822	1 813	1 960	1 869	-4,6
Knitted, crocheted articles	212	235	247	244	235	-3,7
Wearing apparel	1 976	1 979	1 855	1 882	1 983	5,4
Leather and leather products	533	506	539	509	556	9,2
Footwear	830	851	850	834	801	-4,0
<b>Wood and wood products, paper, publishing and printing</b>	<b>17 586</b>	<b>18 438</b>	<b>17 967</b>	<b>17 704</b>	<b>18 288</b>	<b>3,3</b>
Sawmilling and planing of wood	1 430	1 419	1 476	1 494	1 381	-7,6
Products of wood	2 076	2 288	2 230	2 276	2 234	-1,8
Paper and paper products	9 002	9 694	9 035	8 951	9 617	7,4
Publishing	1 950	2 023	2 075	1 805	1 841	2,0
Printing, recorded media	3 127	3 015	3 152	3 179	3 216	1,2
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>53 956</b>	<b>54 856</b>	<b>60 543</b>	<b>61 592</b>	<b>55 976</b>	<b>-9,1</b>
Coke, petroleum products and nuclear fuel	18 018	19 019	22 455	23 353	23 321	-0,1
Basic chemicals	11 047	10 190	12 147	12 002	8 703	-27,5
Other chemical products	14 955	15 076	15 416	16 718	13 424	-19,7
Rubber products	1 868	2 126	2 175	1 927	1 987	3,1
Plastic products	8 068	8 446	8 350	7 592	8 541	12,5
<b>Glass and non-metallic mineral products</b>	<b>7 071</b>	<b>7 437</b>	<b>7 364</b>	<b>7 302</b>	<b>7 461</b>	<b>2,2</b>
Glass and glass products	1 475	1 458	1 435	1 426	1 499	5,1
Non-metallic mineral products	5 596	5 980	5 929	5 876	5 961	1,4
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>58 214</b>	<b>58 170</b>	<b>59 775</b>	<b>57 281</b>	<b>58 428</b>	<b>2,0</b>
Basic iron and steel products	13 516	14 018	14 232	12 256	13 522	10,3
Non-ferrous metal products	15 172	14 900	14 982	15 975	15 639	-2,1
Structural metal products	3 864	4 333	4 600	4 139	4 603	11,2
Other fabricated metal products	9 594	9 394	9 314	8 400	8 991	7,0
General purpose machinery	6 072	5 557	6 054	5 888	5 627	-4,4
Special purpose machinery	8 590	8 510	9 123	9 143	8 690	-5,0
Household appliances	1 406	1 457	1 470	1 480	1 356	-8,4
<b>Electrical machinery</b>	<b>7 489</b>	<b>7 870</b>	<b>6 931</b>	<b>7 102</b>	<b>7 120</b>	<b>0,3</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>2 434</b>	<b>2 393</b>	<b>2 434</b>	<b>2 423</b>	<b>2 555</b>	<b>5,4</b>
Radio, television and communication apparatus	1 101	1 164	1 180	1 192	1 267	6,3
Professional equipment	1 333	1 229	1 253	1 231	1 288	4,6
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>42 712</b>	<b>43 231</b>	<b>45 305</b>	<b>45 291</b>	<b>47 487</b>	<b>4,8</b>
Motor vehicles	25 313	26 156	27 169	27 645	29 117	5,3
Bodies for motor vehicles, trailers and semi-trailers	1 729	1 688	1 808	1 776	1 775	-0,1
Parts and accessories	12 761	12 607	13 478	13 055	13 628	4,4
Other transport equipment	2 909	2 781	2 851	2 815	2 967	5,4
<b>Furniture and other manufacturing</b>	<b>10 588</b>	<b>10 742</b>	<b>10 550</b>	<b>10 738</b>	<b>10 823</b>	<b>0,8</b>
Furniture	1 684	1 642	1 692	1 691	1 653	-2,2
Other manufacturing groups	8 904	9 101	8 857	9 046	9 170	1,4
<b>Total</b>	<b>268 239</b>	<b>272 656</b>	<b>279 053</b>	<b>278 722</b>	<b>276 828</b>	<b>-0,7</b>



## Survey information

<b>Introduction</b>	<p><b>1</b> 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><b>2</b> 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><b>3</b> 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><b>4</b> 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>
<b>Purpose of the survey</b>	<p><b>5</b> 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>
<b>Special Data Dissemination Standard of the IMF</b>	<p><b>6</b> 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>
<b>Scope of the survey</b>	<p><b>7</b> This survey covers manufacturing enterprises, i.e. those 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>	<p><b>8</b> 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>
<b>Collection rate</b>	<p><b>9</b> The preliminary collection rate for the survey on manufacturing production and sales was 64,9% for October 2023. The improved collection rate for September 2023 was 68,6%.</p>
<b>Statistical unit</b>	<p><b>10</b> 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>
<b>Revised figures</b>	<p><b>11</b> 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>
<b>Related publications</b>	<p><b>12</b> 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	17 500 000
Small	3	20 400 001	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 2023	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, due to factors such as 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 – 2023 (based on value added for 2018 – 2020)
<b>Food and beverages</b>	<b>19,76</b>	<b>20,18</b>	<b>20,75</b>	<b>21,44</b>
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
<b>Textiles, clothing, leather and footwear</b>	<b>4,44</b>	<b>4,38</b>	<b>4,26</b>	<b>4,07</b>
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
<b>Wood and wood products, paper, publishing and printing</b>	<b>10,76</b>	<b>10,77</b>	<b>10,63</b>	<b>10,48</b>
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
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>25,25</b>	<b>25,38</b>	<b>24,95</b>	<b>24,86</b>
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
<b>Glass and non-metallic mineral products</b>	<b>3,66</b>	<b>3,42</b>	<b>3,24</b>	<b>3,10</b>
Glass and glass products	0,57	0,51	0,49	0,48
Non-metallic mineral products	3,09	2,91	2,75	2,62
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>19,55</b>	<b>19,47</b>	<b>19,73</b>	<b>19,96</b>
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
<b>Electrical machinery</b>	<b>2,42</b>	<b>2,31</b>	<b>2,21</b>	<b>2,14</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>1,34</b>	<b>1,21</b>	<b>1,07</b>	<b>1,06</b>
Radio, television and communication apparatus	0,29	0,13	0,04	0,03
Professional equipment	1,05	1,08	1,03	1,03
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>8,56</b>	<b>8,66</b>	<b>8,89</b>	<b>8,72</b>
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
<b>Furniture and other manufacturing</b>	<b>4,26</b>	<b>4,21</b>	<b>4,27</b>	<b>4,17</b>
Furniture	0,91	0,86	0,78	0,69
Other manufacturing groups	3,35	3,35	3,49	3,48
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**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 – October 2023

	Lower limit (R million)	Estimate (R million)	Upper limit (R million)	Relative standard error (RSE) %
Total sales	293 155	298 197	303 240	0,9

**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

<b>Enterprise</b>	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.	
<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 (SIC)</i> , Fifth Edition, Report No. 09-90-02 of January 1993.	
<b>Sales</b>	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.	
<b>Symbols and abbreviations</b>	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](http://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](http://www.statssa.gov.za).

## General enquiries

User information services	Telephone number: (012) 310 8600 Email address: <a href="mailto:info@statssa.gov.za">info@statssa.gov.za</a>
Orders/subscription services	Telephone number: (012) 310 8619 Email address: <a href="mailto:millies@statssa.gov.za">millies@statssa.gov.za</a>
Postal address	Private Bag X44, Pretoria, 0001

*Produced by Stats SA*