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STATISTICAL RELEASE

P3041.2

Manufacturing: Production and sales (Preliminary)

February 2024

**Embargoed until:
11 April 2024
13:00**

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FORTHCOMING ISSUE:
March 2024

EXPECTED RELEASE DATE:
9 May 2024



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Production: results for February 2024

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

	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
Year-on-year % change, unadjusted	-4,4	2,7	2,7	1,8	2,9	4,1
Month-on-month % change, seasonally adjusted	-0,1	0,3	0,5	-0,6	0,4	-0,3
3-month % change, seasonally adjusted ¹	-1,1	-0,3	0,0	0,4	0,4	0,0

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

Manufacturing production increased by 4,1% in February 2024 compared with February 2023. The largest positive contributions were made by the following divisions:

- wood and wood products, paper, publishing and printing (14,9% and contributing 1,5 percentage points);
- food and beverages (5,8% and contributing 1,3 percentage points); and
- petroleum, chemical products, rubber and plastic products (4,7% and contributing 1,0 percentage point) – see Tables 5 and 6.

Seasonally adjusted manufacturing production decreased by 0,3% in February 2024 compared with January 2024. This followed month-on-month changes of 0,4% in January 2024 and -0,6% in December 2023 – see Table A.

Seasonally adjusted manufacturing production was flat in the three months ended February 2024 compared with the previous three months.

The largest negative contribution was made by the motor vehicles, parts and accessories and other transport equipment division (-11,9% and contributing -1,2 percentage points) and the largest positive contribution was made by the food and beverages division (3,6% 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	Sep – Nov 2023	Dec 2023 – Feb 2024	% change between Sep – Nov 2023 and Dec 2023 – Feb 2024	Contribution (% points) to the total % change
Food and beverages	21,44	98,2	101,7	3,6	0,8
Meat, fish, fruit, etc.	3,42	106,5	108,1	1,5	0,1
Dairy products	1,47	95,7	96,7	1,0	0,0
Grain mill products	1,85	100,6	103,7	3,1	0,1
Other food products	7,81	88,3	90,9	2,9	0,2
Beverages	6,89	105,4	111,2	5,5	0,4
Textiles, clothing, leather and footwear	4,07	91,6	93,9	2,5	0,1
Textiles	1,04	104,6	104,9	0,3	0,0
Other textile products	0,58	90,7	87,4	-3,6	0,0
Knitted, crocheted articles	0,06	88,3	81,3	-7,9	0,0
Wearing apparel	1,88	85,2	92,0	8,0	0,1
Leather and leather products	0,26	84,2	80,4	-4,5	0,0
Footwear	0,25	96,8	93,2	-3,7	0,0
Wood and wood products, paper, publishing and printing	10,48	96,0	97,5	1,6	0,2
Sawmilling and planing of wood	0,86	93,9	103,0	9,7	0,1
Products of wood	0,90	118,2	114,6	-3,0	0,0
Paper and paper products	5,26	98,9	103,0	4,1	0,2
Publishing	2,10	82,6	77,8	-5,8	-0,1
Printing, recorded media	1,36	92,2	91,6	-0,7	0,0
Petroleum, chemical products, rubber and plastic products	24,86	77,9	79,8	2,4	0,5
Coke, petroleum products and nuclear fuel	11,92	60,4	62,2	3,0	0,2
Basic chemicals	3,39	103,0	104,6	1,6	0,1
Other chemical products	6,82	87,9	89,7	2,0	0,1
Rubber products	0,68	91,0	94,1	3,4	0,0
Plastic products	2,05	100,5	103,1	2,6	0,1
Glass and non-metallic mineral products	3,10	102,8	108,0	5,1	0,2
Glass and glass products	0,48	102,1	112,0	9,7	0,1
Non-metallic mineral products	2,62	102,9	107,3	4,3	0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,96	97,7	94,9	-2,9	-0,6
Basic iron and steel products	2,92	80,3	84,1	4,7	0,1
Non-ferrous metal products	3,54	90,4	86,0	-4,9	-0,2
Structural metal products	2,01	102,8	106,6	3,7	0,1
Other fabricated metal products	3,65	100,4	101,6	1,2	0,0
General purpose machinery	3,45	101,4	96,6	-4,7	-0,2
Special purpose machinery	3,73	108,5	96,9	-10,7	-0,5
Household appliances	0,66	102,6	97,4	-5,1	0,0
Electrical machinery	2,14	104,2	104,7	0,5	0,0
Radio, television and communication apparatus and professional equipment	1,06	95,5	100,0	4,7	0,1
Radio, television and communication apparatus	0,08	93,0	90,9	-2,3	0,0
Professional equipment	0,98	95,7	100,7	5,2	0,1
Motor vehicles, parts and accessories and other transport equipment	8,72	109,6	96,6	-11,9	-1,2
Motor vehicles	2,62	109,3	104,8	-4,1	-0,1
Bodies for motor vehicles, trailers and semi-trailers	0,75	109,5	115,0	5,0	0,0
Parts and accessories	4,03	115,6	87,4	-24,4	-1,2
Other transport equipment	1,32	92,1	97,7	6,1	0,1
Furniture and other manufacturing	4,17	87,6	87,2	-0,5	0,0
Furniture	0,69	94,0	94,9	1,0	0,0
Other manufacturing groups	3,48	86,4	85,6	-0,9	0,0
Total	100	93,4	93,4	0,0	0,0

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

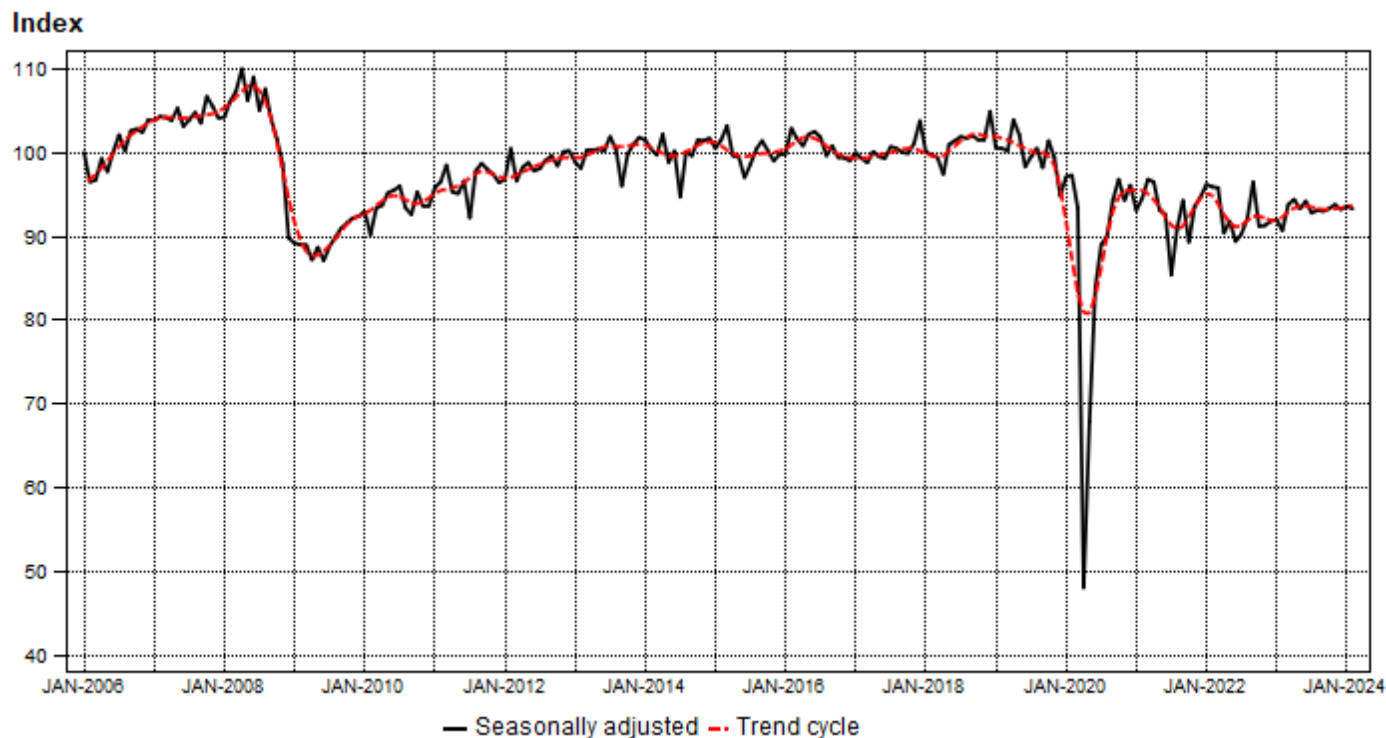
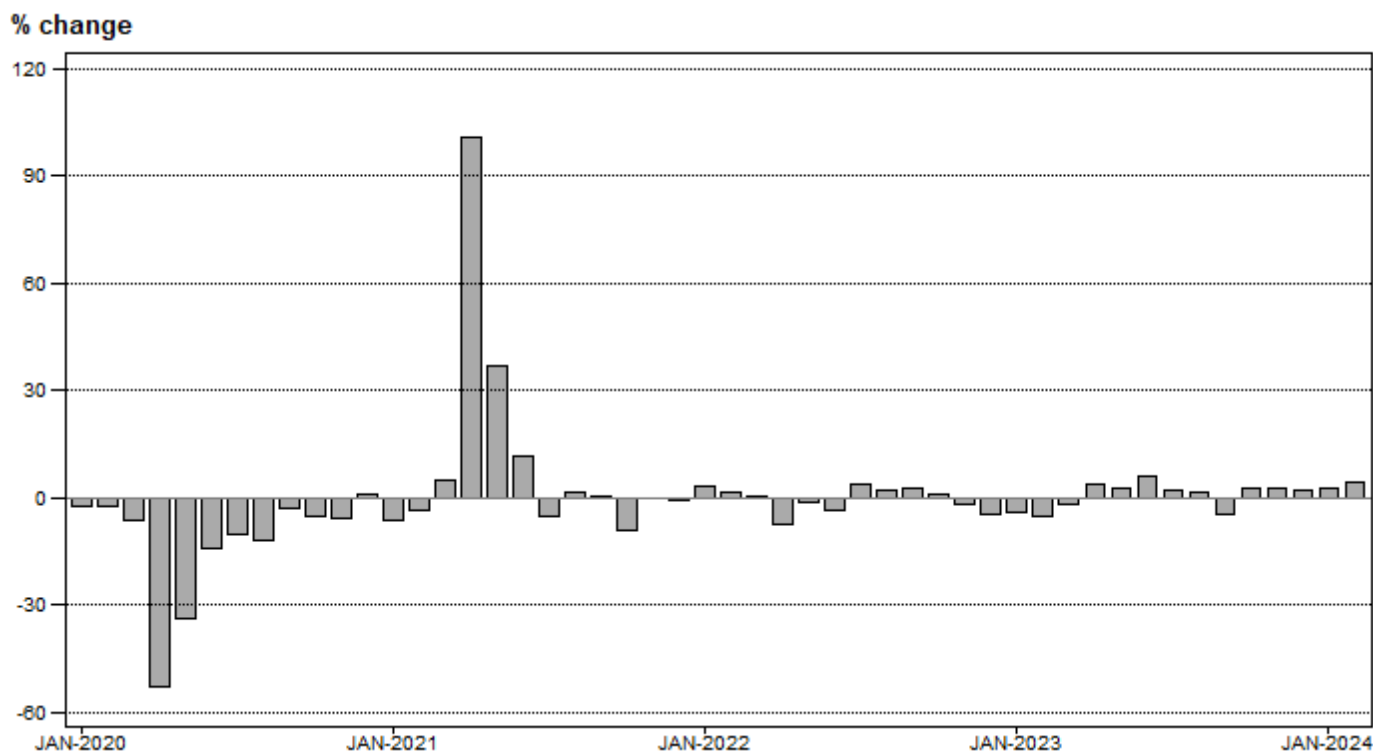


Figure 2 – Volume of manufacturing production (Base: 2019=100): year-on-year percentage change



Sales: results for February 2024**Table C – Key growth rates in manufacturing sales at current prices**

	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
Year-on-year % change, unadjusted	6,2	12,4	10,0	10,0	9,5	10,4
Month-on-month % change, seasonally adjusted	0,0	-0,3	1,6	1,7	-1,2	1,0
3-month % change, seasonally adjusted ¹	2,8	3,7	2,7	2,1	2,2	2,2

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

Seasonally adjusted manufacturing sales increased by 1,0% in February 2024 compared with January 2024. This followed month-on-month changes of -1,2% in January 2024 and 1,7% in December 2023 – see Table C.

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

Manufacturing division	Sep – Nov 2023 (R million)	Dec 2023 – Feb 2024 (R million)	% change between Sep – Nov 2023 and Dec 2023 – Feb 2024	Contribution (% points) to the total % change
Food and beverages	190 477	198 017	4,0	0,9
Textiles, clothing, leather and footwear	19 230	19 779	2,9	0,1
Wood and wood products, paper, publishing and printing	54 941	55 203	0,5	0,0
Petroleum, chemical products, rubber and plastic products	176 852	180 282	1,9	0,4
Glass and non-metallic mineral products	22 897	24 764	8,2	0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	173 718	178 133	2,5	0,5
Electrical machinery	21 497	21 071	-2,0	-0,1
Radio, television and communication apparatus and professional equipment	7 593	7 643	0,7	0,0
Motor vehicles, parts and accessories and other transport equipment	145 295	146 815	1,0	0,2
Furniture and other manufacturing	31 803	31 391	-1,3	0,0
Total	844 301	863 098	2,2	2,2

Seasonally adjusted manufacturing sales increased by 2,2% in the three months ended February 2024 compared with the previous three months. The largest positive contributions were made by the following divisions:

- food and beverages (4,0% and contributing 0,9 of a percentage point);
- basic iron and steel, non-ferrous metal products, metal products and machinery (2,5% and contributing 0,5 of a percentage point); and
- petroleum, chemical products, rubber and plastic products (1,9% and contributing 0,4 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	81,8
Feb	94,5	94,9	92,4	89,3	90,9	86,0	89,5
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	84,4	
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	2,9	2,9
Feb	0,4	-2,6	-3,4	1,8	-5,4	4,1	3,5
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	1,8		
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	93,1	96,2	92,0	93,6	-3,1	1,6	0,2	0,4
Feb	94,5	95,9	90,7	93,3	1,5	-0,3	-1,4	-0,3
Mar	96,8	95,8	93,8		2,4	-0,1	3,4	
Apr	96,5	90,4	94,4		-0,3	-5,6	0,6	
May	93,1	91,8	93,3		-3,5	1,5	-1,2	
Jun	92,6	89,4	94,2		-0,5	-2,6	1,0	
Jul	85,4	90,3	92,8		-7,8	1,0	-1,5	
Aug	91,0	92,1	93,1		6,6	2,0	0,3	
Sep	94,3	96,5	93,0		3,6	4,8	-0,1	
Oct	89,3	91,2	93,3		-5,3	-5,5	0,3	
Nov	93,6	91,3	93,8		4,8	0,1	0,5	
Dec	94,7	91,8	93,2		1,2	0,5	-0,6	

Table 4 – 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	¹ Dec-23	¹ Jan-24	¹ Feb-24
Food and beverages	21,44	106,0	102,7	110,1	110,4	90,0	95,2
Meat, fish, fruit, etc.	3,42	110,9	109,2	112,0	107,5	98,4	108,2
Dairy products	1,47	101,3	110,4	106,3	100,4	97,5	92,6
Grain mill products	1,85	105,2	106,5	104,2	96,5	101,9	97,0
Other food products	7,81	92,0	90,4	103,0	82,3	77,3	79,1
Beverages	6,89	120,6	110,7	119,7	149,7	95,5	107,2
Textiles, clothing, leather and footwear	4,07	95,4	108,1	111,8	76,8	72,0	86,5
Textiles	1,04	106,1	117,4	125,4	73,4	90,2	87,5
Other textile products	0,58	100,6	106,0	110,1	79,2	57,1	93,8
Knitted, crocheted articles	0,06	102,7	98,7	106,4	63,7	59,5	68,7
Wearing apparel	1,88	87,5	106,0	105,6	79,1	66,6	85,2
Leather and leather products	0,26	83,8	91,0	99,1	53,0	83,4	94,4
Footwear	0,25	108,0	110,5	119,6	96,4	62,3	71,4
Wood and wood products, paper, publishing and printing	10,48	106,4	104,4	114,5	92,7	86,9	91,7
Sawmilling and planing of wood	0,86	97,5	97,6	98,7	85,5	96,4	100,0
Products of wood	0,90	133,0	138,3	137,2	101,2	96,7	102,4
Paper and paper products	5,26	106,9	103,0	116,7	105,6	90,4	100,0
Publishing	2,10	96,5	97,5	95,4	69,0	74,5	72,4
Printing, recorded media	1,36	107,6	102,3	130,4	78,6	79,6	76,8
Petroleum, chemical products, rubber and plastic products	24,86	80,1	84,1	82,6	72,8	77,7	77,3
Coke, petroleum products and nuclear fuel	11,92	55,9	67,4	62,1	64,0	64,7	61,8
Basic chemicals	3,39	110,2	102,3	112,6	94,9	101,8	93,5
Other chemical products	6,82	98,6	91,4	90,8	76,3	84,1	85,4
Rubber products	0,68	93,5	99,9	100,4	48,3	90,6	103,9
Plastic products	2,05	104,8	121,4	118,5	84,3	88,1	104,6
Glass and non-metallic mineral products	3,10	107,4	116,5	120,2	88,9	91,3	97,3
Glass and glass products	0,48	110,3	110,9	112,0	117,3	105,9	97,1
Non-metallic mineral products	2,62	106,9	117,5	121,7	83,7	88,7	97,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,96	102,1	104,6	108,7	78,3	79,4	91,7
Basic iron and steel products	2,92	79,7	87,5	80,1	73,0	88,7	78,7
Non-ferrous metal products	3,54	88,4	98,3	96,0	81,5	81,8	81,1
Structural metal products	2,01	110,7	114,6	121,1	78,9	76,9	109,9
Other fabricated metal products	3,65	104,4	111,0	120,1	69,0	82,6	106,3
General purpose machinery	3,45	116,0	104,6	111,2	80,6	73,1	88,9
Special purpose machinery	3,73	110,9	113,0	123,2	84,7	73,4	89,6
Household appliances	0,66	114,3	102,0	107,6	85,7	82,1	96,2
Electrical machinery	2,14	107,3	112,6	117,3	73,3	87,5	107,5
Radio, television and communication apparatus and professional equipment	1,06	94,6	105,6	106,6	95,2	80,9	100,1
Radio, television and communication apparatus	0,08	103,4	117,0	120,4	107,5	69,4	79,2
Professional equipment	0,98	93,9	104,7	105,5	94,2	81,8	101,8
Motor vehicles, parts and accessories and other transport equipment	8,72	108,9	122,3	130,0	60,8	78,4	99,1
Motor vehicles	2,62	113,4	129,4	130,1	57,4	82,4	106,4
Bodies for motor vehicles, trailers and semi-trailers	0,75	117,3	128,2	123,6	73,4	79,2	111,6
Parts and accessories	4,03	108,5	124,3	136,2	49,6	74,3	91,8
Other transport equipment	1,32	96,2	98,7	114,5	94,4	82,8	99,9
Furniture and other manufacturing	4,17	94,0	94,4	102,0	84,7	69,5	82,0
Furniture	0,69	107,9	109,4	115,3	94,1	76,0	80,9
Other manufacturing groups	3,48	91,2	91,4	99,4	82,9	68,2	82,2
Total	100	98,1	100,9	105,3	84,4	81,8	89,5

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

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	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
Food and beverages	21,44	-2,5	-0,5	0,4	1,2	-0,9	1,3
Meat, fish, fruit, etc.	3,42	0,1	0,1	-0,2	-0,2	-0,1	0,3
Dairy products	1,47	0,0	0,0	-0,1	-0,1	-0,1	0,1
Grain mill products	1,85	0,1	0,0	0,0	0,1	0,2	-0,1
Other food products	7,81	-1,6	-0,7	0,3	-0,5	0,0	0,1
Beverages	6,89	-1,0	0,1	0,4	1,7	-0,9	0,9
Textiles, clothing, leather and footwear	4,07	-0,2	0,0	0,0	-0,1	0,3	0,0
Textiles	1,04	0,0	0,1	0,1	0,0	0,2	-0,1
Other textile products	0,58	0,0	0,0	0,0	0,0	-0,1	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	0,0	0,0	0,0	0,2	0,1
Leather and leather products	0,26	0,0	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	-0,4	0,3	1,1	0,4	0,7	1,5
Sawmilling and planing of wood	0,86	-0,1	0,0	0,0	0,1	0,0	0,0
Products of wood	0,90	0,2	0,2	0,1	0,2	0,0	0,0
Paper and paper products	5,26	-0,4	0,0	0,9	0,4	0,5	1,6
Publishing	2,10	-0,2	0,1	0,1	-0,1	0,0	-0,1
Printing, recorded media	1,36	0,0	0,0	0,0	-0,2	0,1	0,0
Petroleum, chemical products, rubber and plastic products	24,86	1,2	1,6	0,0	1,0	2,9	1,0
Coke, petroleum products and nuclear fuel	11,92	1,2	1,7	1,1	1,7	2,0	0,8
Basic chemicals	3,39	0,1	0,0	0,2	0,1	0,5	0,0
Other chemical products	6,82	0,1	-0,3	-1,2	-0,7	0,4	0,0
Rubber products	0,68	-0,1	0,0	0,0	0,0	0,0	0,0
Plastic products	2,05	-0,1	0,2	-0,1	0,0	0,0	0,2
Glass and non-metallic mineral products	3,10	-0,2	-0,1	0,1	-0,1	0,2	0,3
Glass and glass products	0,48	0,0	0,0	0,0	0,1	0,0	0,0
Non-metallic mineral products	2,62	-0,2	-0,1	0,1	-0,2	0,1	0,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,96	0,3	0,5	0,5	0,1	-0,1	0,3
Basic iron and steel products	2,92	-0,1	0,0	-0,1	0,1	0,3	0,1
Non-ferrous metal products	3,54	0,0	0,1	0,0	-0,1	-0,1	0,0
Structural metal products	2,01	-0,1	0,2	0,1	0,0	0,1	0,3
Other fabricated metal products	3,65	-0,2	0,3	0,2	0,1	0,3	0,3
General purpose machinery	3,45	-0,1	-0,3	-0,4	-0,1	-0,5	-0,4
Special purpose machinery	3,73	0,8	0,4	0,6	0,1	-0,2	0,0
Household appliances	0,66	0,1	0,0	0,0	0,0	0,0	0,0
Electrical machinery	2,14	0,1	0,2	0,2	-0,1	0,2	0,1
Radio, television and communication apparatus and professional equipment	1,06	-0,1	0,0	-0,1	-0,2	0,1	0,0
Radio, television and communication apparatus	0,08	0,0	0,0	0,0	0,0	0,0	0,0
Professional equipment	0,98	-0,1	0,0	-0,1	-0,1	0,1	0,0
Motor vehicles, parts and accessories and other transport equipment	8,72	-2,3	0,6	0,6	-0,5	-0,3	-0,5
Motor vehicles	2,62	-0,6	0,9	0,5	0,2	0,2	0,3
Bodies for motor vehicles, trailers and semi-trailers	0,75	-0,1	0,0	-0,1	0,0	0,1	0,1
Parts and accessories	4,03	-1,4	-0,1	0,3	-0,7	-0,5	-0,8
Other transport equipment	1,32	-0,2	-0,1	-0,1	0,0	0,0	0,0
Furniture and other manufacturing	4,17	-0,2	0,0	0,1	0,1	-0,1	0,1
Furniture	0,69	0,1	0,1	0,0	0,0	0,0	0,0
Other manufacturing groups	3,48	-0,3	-0,1	0,1	0,1	-0,1	0,0
Total	100	-4,4	2,7	2,7	1,8	2,9	4,1

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	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Month-on-month % change
Food and beverages	21,44	96,8	98,7	103,8	99,9	101,5	1,6
Meat, fish, fruit, etc.	3,42	106,5	104,2	104,0	107,0	113,4	6,0
Dairy products	1,47	96,3	95,1	95,6	97,1	97,4	0,3
Grain mill products	1,85	101,8	96,1	100,8	107,9	102,4	-5,1
Other food products	7,81	86,1	92,9	90,5	90,3	92,0	1,9
Beverages	6,89	102,8	104,1	121,2	105,7	106,8	1,0
Textiles, clothing, leather and footwear	4,07	91,5	92,9	92,2	99,7	89,7	-10,0
Textiles	1,04	104,6	107,9	107,2	117,1	90,4	-22,8
Other textile products	0,58	88,8	90,8	93,8	79,8	88,6	11,0
Knitted, crocheted articles	0,06	85,4	90,2	83,7	85,5	74,6	-12,7
Wearing apparel	1,88	86,0	85,6	87,0	99,3	89,8	-9,6
Leather and leather products	0,26	82,3	90,0	63,2	89,2	88,7	-0,6
Footwear	0,25	95,8	94,9	96,9	90,4	92,4	2,2
Wood and wood products, paper, publishing and printing	10,48	95,8	97,9	97,6	97,6	97,2	-0,4
Sawmilling and planing of wood	0,86	94,5	94,3	109,0	101,0	99,1	-1,9
Products of wood	0,90	117,3	118,1	123,8	113,0	107,1	-5,2
Paper and paper products	5,26	98,9	103,1	103,0	101,2	104,9	3,7
Publishing	2,10	83,6	81,3	75,3	80,7	77,5	-4,0
Printing, recorded media	1,36	89,3	92,3	86,8	97,6	90,3	-7,5
Petroleum, chemical products, rubber and plastic products	24,86	78,3	76,5	78,0	81,3	80,0	-1,6
Coke, petroleum products and nuclear fuel	11,92	61,9	60,4	61,7	62,1	62,9	1,3
Basic chemicals	3,39	100,3	104,4	104,4	105,3	104,0	-1,2
Other chemical products	6,82	86,9	82,0	85,1	95,2	88,7	-6,8
Rubber products	0,68	90,7	92,7	92,0	94,5	95,8	1,4
Plastic products	2,05	104,5	99,6	101,1	102,7	105,6	2,8
Glass and non-metallic mineral products	3,10	102,5	105,1	107,3	109,7	107,1	-2,4
Glass and glass products	0,48	102,7	98,5	118,9	111,1	105,9	-4,7
Non-metallic mineral products	2,62	102,5	106,3	105,2	109,5	107,3	-2,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,96	97,4	98,1	94,5	94,7	95,5	0,8
Basic iron and steel products	2,92	81,7	79,9	83,2	86,7	82,5	-4,8
Non-ferrous metal products	3,54	91,7	90,9	86,7	85,5	85,7	0,2
Structural metal products	2,01	104,3	103,8	103,1	106,3	110,5	4,0
Other fabricated metal products	3,65	100,2	102,8	99,6	101,7	103,4	1,7
General purpose machinery	3,45	99,1	99,7	94,2	97,5	98,0	0,5
Special purpose machinery	3,73	106,7	110,0	99,9	94,9	96,0	1,2
Household appliances	0,66	100,8	98,3	101,8	90,3	100,0	10,7
Electrical machinery	2,14	103,9	105,9	98,0	109,3	106,9	-2,2
Radio, television and communication apparatus and professional equipment	1,06	98,1	94,2	95,6	101,6	102,7	1,1
Radio, television and communication apparatus	0,08	92,3	93,3	91,4	96,5	84,8	-12,1
Professional equipment	0,98	98,6	94,3	96,0	102,0	104,1	2,1
Motor vehicles, parts and accessories and other transport equipment	8,72	111,7	112,5	97,4	95,9	96,5	0,6
Motor vehicles	2,62	113,5	110,5	108,7	103,4	102,4	-1,0
Bodies for motor vehicles, trailers and semi-trailers	0,75	113,7	106,3	115,3	113,6	116,1	2,2
Parts and accessories	4,03	116,4	120,7	87,1	87,1	88,1	1,1
Other transport equipment	1,32	92,7	95,0	96,3	97,7	99,2	1,5
Furniture and other manufacturing	4,17	87,5	88,4	89,9	85,5	86,1	0,7
Furniture	0,69	94,7	91,1	96,6	94,9	93,2	-1,8
Other manufacturing groups	3,48	86,1	87,9	88,5	83,6	84,7	1,3
Total	100	93,3	93,8	93,2	93,6	93,3	-0,3

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	245 857
Feb	187 805	199 110	203 921	208 150	231 366	251 334	277 554
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	317 230	
Dec	197 482	191 072	197 868	218 714	238 243	262 155	
Total	2 487 172	2 582 069	2 296 784	2 663 839	3 003 902	3 303 257	

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	9,5	9,5
Feb	6,0	2,4	2,1	11,2	8,6	10,4	10,0
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	10,0		
Total	3,8	-11,0	16,0	12,8	10,0		

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	213 076	242 959	263 070	285 659	-0,3	3,9	0,9	-1,2
Feb	220 180	245 186	265 531	288 415	3,3	0,9	0,9	1,0
Mar	230 618	249 032	276 529		4,7	1,6	4,1	
Apr	229 885	240 301	276 303		-0,3	-3,5	-0,1	
May	225 893	250 410	268 989		-1,7	4,2	-2,6	
Jun	224 855	247 706	267 521		-0,5	-1,1	-0,5	
Jul	198 747	249 366	274 314		-11,6	0,7	2,5	
Aug	217 312	251 806	280 437		9,3	1,0	2,2	
Sep	223 052	261 521	280 455		2,6	3,9	0,0	
Oct	214 677	250 946	279 738		-3,8	-4,0	-0,3	
Nov	230 695	256 566	284 108		7,5	2,2	1,6	
Dec	233 825	260 775	289 024		1,4	1,6	1,7	

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

Manufacturing division and major group	Sep-23	Oct-23	Nov-23	¹ Dec-23	¹ Jan-24	¹ Feb-24
Food and beverages	65 944	67 808	71 636	71 826	58 440	63 228
Meat, fish, fruit, etc.	19 864	20 766	21 421	20 488	16 870	18 871
Dairy products	5 936	6 442	6 333	5 763	5 794	5 681
Grain mill products	11 638	11 887	11 819	10 873	11 160	10 675
Other food products	10 344	11 974	13 609	10 853	10 183	11 767
Beverages	18 161	16 739	18 453	23 848	14 434	16 233
Textiles, clothing, leather and footwear	6 881	7 532	7 947	5 423	4 932	6 337
Textiles	1 051	1 124	1 165	708	849	853
Other textile products	2 141	2 227	2 323	1 643	1 300	2 098
Knitted, crocheted articles	257	252	272	170	156	174
Wearing apparel	1 978	2 401	2 551	1 734	1 550	2 024
Leather and leather products	549	604	633	360	533	577
Footwear	904	925	1 004	809	544	611
Wood and wood products, paper, publishing and printing	19 929	19 721	22 338	18 221	15 716	17 190
Sawmilling and planing of wood	1 587	1 414	1 522	1 273	1 234	1 369
Products of wood	2 523	2 561	2 564	1 890	1 868	1 966
Paper and paper products	10 247	9 923	11 699	10 807	8 320	9 540
Publishing	2 101	2 140	2 108	1 443	1 706	1 636
Printing, recorded media	3 472	3 684	4 446	2 808	2 588	2 679
Petroleum, chemical products, rubber and plastic products	64 466	61 073	63 877	53 665	52 465	57 937
Coke, petroleum products and nuclear fuel	23 362	24 714	23 785	24 073	20 418	22 527
Basic chemicals	12 911	9 807	12 308	8 874	10 408	10 953
Other chemical products	18 013	14 432	15 363	12 818	13 082	14 170
Rubber products	1 968	2 097	2 305	1 200	1 635	1 823
Plastic products	8 211	10 023	10 117	6 700	6 922	8 465
Glass and non-metallic mineral products	7 785	8 672	9 327	6 912	6 810	7 494
Glass and glass products	1 505	1 795	1 947	1 901	1 409	1 491
Non-metallic mineral products	6 280	6 877	7 381	5 010	5 402	6 003
Basic iron and steel, non-ferrous metal products, metal products and machinery	59 076	61 222	63 522	51 056	50 324	57 486
Basic iron and steel products	12 297	13 733	13 353	12 849	12 401	12 800
Non-ferrous metal products	15 655	16 056	16 447	15 645	16 685	16 785
Structural metal products	4 516	4 990	5 260	3 576	3 480	4 911
Other fabricated metal products	9 099	10 031	10 866	6 318	7 388	9 642
General purpose machinery	6 501	5 868	6 231	4 612	4 048	5 177
Special purpose machinery	9 483	9 187	9 951	6 903	5 145	6 848
Household appliances	1 524	1 356	1 414	1 153	1 176	1 323
Electrical machinery	7 468	7 539	8 444	5 607	5 703	7 085
Radio, television and communication apparatus and professional equipment	2 641	2 934	3 024	2 912	1 995	2 353
Radio, television and communication apparatus	1 345	1 524	1 569	1 648	883	976
Professional equipment	1 296	1 410	1 455	1 264	1 112	1 377
Motor vehicles, parts and accessories and other transport equipment	47 613	52 584	55 018	36 018	41 515	48 817
Motor vehicles	29 437	33 130	34 377	22 570	25 881	30 885
Bodies for motor vehicles, trailers and semi-trailers	1 915	1 954	2 095	1 416	1 224	1 546
Parts and accessories	13 134	14 256	14 805	8 969	11 719	13 124
Other transport equipment	3 127	3 244	3 740	3 062	2 691	3 262
Furniture and other manufacturing	10 888	11 349	12 097	10 515	7 957	9 625
Furniture	1 946	1 985	2 070	1 688	1 351	1 519
Other manufacturing groups	8 943	9 363	10 027	8 827	6 607	8 106
Total	292 691	300 434	317 230	262 155	245 857	277 554

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	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24
Food and beverages	-0,7	4,9	2,5	8,5	1,7	7,3
Meat, fish, fruit, etc.	3,3	9,4	-1,2	3,1	-0,3	8,1
Dairy products	6,4	2,4	1,6	-2,3	3,6	10,7
Grain mill products	5,8	2,5	-1,6	5,8	2,2	-3,6
Other food products	-10,7	-2,2	1,7	1,4	7,0	5,6
Beverages	-4,5	7,6	11,1	22,7	-0,5	14,9
Textiles, clothing, leather and footwear	6,2	7,6	6,9	1,1	16,9	8,2
Textiles	13,4	18,4	17,1	8,6	26,9	-0,5
Other textile products	12,0	6,0	9,2	-0,2	1,8	10,0
Knitted, crocheted articles	-3,0	3,7	10,6	2,4	13,0	-0,6
Wearing apparel	2,7	6,9	3,0	2,1	31,4	15,6
Leather and leather products	-10,7	2,7	0,0	-15,7	38,8	7,9
Footwear	8,0	5,6	4,7	4,8	-4,9	-3,2
Wood and wood products, paper, publishing and printing	0,6	10,6	17,4	8,9	13,5	16,1
Sawmilling and planing of wood	16,7	6,6	8,1	10,6	-4,6	0,9
Products of wood	12,4	11,3	7,0	21,8	-1,3	-3,2
Paper and paper products	-4,3	11,9	27,4	11,6	25,3	35,4
Publishing	-4,7	12,2	10,8	-7,0	7,8	-2,9
Printing, recorded media	5,4	7,2	7,4	0,6	6,0	-0,4
Petroleum, chemical products, rubber and plastic products	18,0	10,2	8,7	10,4	17,6	12,9
Coke, petroleum products and nuclear fuel	51,3	40,8	49,2	54,5	47,3	26,3
Basic chemicals	7,1	-13,1	-5,8	-13,5	5,3	9,3
Other chemical products	16,4	-2,4	-10,6	-8,4	5,7	3,3
Rubber products	-0,5	9,4	8,9	-29,9	-1,6	-6,6
Plastic products	-15,0	1,1	-3,4	-5,2	1,3	8,8
Glass and non-metallic mineral products	-2,9	4,5	11,0	9,7	17,7	14,5
Glass and glass products	-7,9	10,3	8,0	27,2	13,1	5,4
Non-metallic mineral products	-1,6	3,1	11,8	4,2	18,9	17,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	0,5	12,3	3,4	8,0	6,3	8,1
Basic iron and steel products	-7,6	22,8	6,5	19,1	1,6	5,9
Non-ferrous metal products	-7,3	2,7	-12,6	0,3	6,8	13,1
Structural metal products	-3,8	16,2	10,4	5,4	17,6	24,9
Other fabricated metal products	-5,2	12,8	10,2	5,7	12,1	10,0
General purpose machinery	7,1	-0,9	-1,4	6,7	-8,7	-3,4
Special purpose machinery	37,3	25,4	28,6	14,0	15,7	-1,8
Household appliances	13,5	5,6	0,4	1,8	6,5	8,7
Electrical machinery	13,3	16,0	26,2	3,6	16,9	9,1
Radio, television and communication apparatus and professional equipment	-0,1	19,2	12,0	7,2	15,5	2,3
Radio, television and communication apparatus	10,0	37,4	33,9	25,3	11,5	-12,1
Professional equipment	-8,8	4,3	-4,8	-9,8	18,8	15,8
Motor vehicles, parts and accessories and other transport equipment	12,7	29,0	25,6	20,1	12,2	13,9
Motor vehicles	17,9	34,2	34,8	25,4	12,3	19,9
Bodies for motor vehicles, trailers and semi-trailers	1,2	-1,1	3,5	15,1	29,8	0,5
Parts and accessories	9,6	31,9	19,1	15,0	12,2	5,0
Other transport equipment	-8,4	-1,5	-2,7	3,4	5,4	6,3
Furniture and other manufacturing	9,9	17,1	18,0	9,1	3,6	6,6
Furniture	26,5	34,9	28,3	30,0	6,9	8,9
Other manufacturing groups	6,9	13,9	16,1	5,8	3,0	6,2
Total	6,2	12,4	10,0	10,0	9,5	10,4

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

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

Manufacturing division and major group	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Month-on-month % change
Food and beverages	62 975	63 966	65 831	65 048	67 138	3,2
Meat, fish, fruit, etc.	19 583	19 430	19 223	19 364	20 441	5,6
Dairy products	5 746	5 732	5 560	5 888	6 044	2,6
Grain mill products	11 254	11 001	11 252	11 832	11 431	-3,4
Other food products	10 874	11 764	11 615	11 590	12 415	7,1
Beverages	15 518	16 039	18 180	16 375	16 807	2,6
Textiles, clothing, leather and footwear	6 416	6 431	6 263	6 878	6 638	-3,5
Textiles	983	1 002	1 002	1 023	884	-13,6
Other textile products	1 877	1 906	1 955	1 816	1 979	9,0
Knitted, crocheted articles	222	232	222	226	192	-15,0
Wearing apparel	1 990	1 926	1 884	2 431	2 215	-8,9
Leather and leather products	548	570	418	605	573	-5,3
Footwear	796	795	782	777	795	2,3
Wood and wood products, paper, publishing and printing	18 373	18 924	18 883	17 737	18 583	4,8
Sawmilling and planing of wood	1 386	1 449	1 528	1 371	1 435	4,7
Products of wood	2 228	2 226	2 444	2 181	2 078	-4,7
Paper and paper products	9 811	10 322	10 295	9 240	10 313	11,6
Publishing	1 779	1 762	1 558	1 787	1 705	-4,6
Printing, recorded media	3 169	3 166	3 058	3 157	3 051	-3,4
Petroleum, chemical products, rubber and plastic products	57 161	57 922	57 788	59 718	62 776	5,1
Coke, petroleum products and nuclear fuel	23 984	23 593	24 592	23 514	25 373	7,9
Basic chemicals	9 046	10 267	9 704	11 272	12 066	7,0
Other chemical products	13 633	13 684	13 767	14 662	14 552	-0,8
Rubber products	1 943	2 040	1 534	1 953	1 834	-6,1
Plastic products	8 556	8 339	8 191	8 317	8 951	7,6
Glass and non-metallic mineral products	7 580	7 985	8 410	8 338	8 016	-3,9
Glass and glass products	1 558	1 601	1 836	1 638	1 600	-2,3
Non-metallic mineral products	6 022	6 384	6 574	6 700	6 416	-4,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	58 555	57 855	61 098	59 016	58 019	-1,7
Basic iron and steel products	13 477	12 844	15 773	13 294	13 084	-1,6
Non-ferrous metal products	15 725	15 518	16 948	17 876	16 311	-8,8
Structural metal products	4 652	4 545	4 617	4 817	5 062	5,1
Other fabricated metal products	9 180	9 288	9 074	9 198	9 294	1,0
General purpose machinery	5 592	5 697	5 489	5 420	5 622	3,7
Special purpose machinery	8 563	8 664	7 848	7 056	7 285	3,2
Household appliances	1 366	1 299	1 349	1 355	1 361	0,4
Electrical machinery	7 057	7 384	6 805	7 239	7 027	-2,9
Radio, television and communication apparatus and professional equipment	2 604	2 513	2 552	2 636	2 455	-6,9
Radio, television and communication apparatus	1 287	1 216	1 271	1 226	1 008	-17,8
Professional equipment	1 317	1 297	1 281	1 411	1 447	2,6
Motor vehicles, parts and accessories and other transport equipment	48 432	50 409	50 938	48 555	47 322	-2,5
Motor vehicles	29 767	32 451	32 340	30 663	30 226	-1,4
Bodies for motor vehicles, trailers and semi-trailers	1 762	1 796	1 976	1 812	1 750	-3,4
Parts and accessories	13 873	13 064	13 488	12 876	12 076	-6,2
Other transport equipment	3 030	3 099	3 135	3 205	3 269	2,0
Furniture and other manufacturing	10 587	10 720	10 456	10 493	10 442	-0,5
Furniture	1 703	1 644	1 748	1 825	1 737	-4,8
Other manufacturing groups	8 883	9 076	8 708	8 668	8 705	0,4
Total	279 738	284 108	289 024	285 659	288 415	1,0

Explanatory notes

- Introduction**
- 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.
 - 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.
 - 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.
 - 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).
- Purpose of the survey**
- 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.
- Special Data Dissemination Standard of the IMF**
- 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.
- Scope of the survey**
- 7 This survey covers manufacturing enterprises, i.e. those conducting activities in:
 - the manufacturing, processing, making or packing of products;
 - the slaughtering of animals, including poultry; and
 - installation, assembly, completion, repair and related work.
- Classification**
- 8 The 1993 edition of the *Standard Industrial Classification of All Economic Activities* (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 *International Standard Industrial Classification of All Economic Activities* (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.
- Collection rate**
- 9 The preliminary collection rate for the survey on manufacturing production and sales was 64,9% for February 2024. The improved collection rate for January 2024 was 68,1%.
- Statistical unit**
- 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.
- Revised figures**
- 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.
- Related publications**
- 12 Users may also wish to refer to *Stats in Brief* available from Stats SA.

- 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	0,08
Professional equipment	1,05	1,08	1,03	0,98
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 – February 2024

	Lower limit (R million)	Estimate (R million)	Upper limit (R million)	Relative standard error (RSE) %
Total sales	273 379	277 554	281 729	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

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