

Statistical release

P3041.2

Manufacturing: Production and sales (Preliminary)

July 2015

The results published today are based on a new sample. This is an annual procedure which typically affects the level of sales. To avoid breaks in time series and to preserve historical growth rates, historical sales levels were revised (i.e. they were linked to the estimates based on the new sample).

**Embargoed until:
10 September 2015
13:00**

Enquiries:

Gerda Bruwer
Tel. (012) 310 8249

Forthcoming issue:

August 2015

Expected release date

8 October 2015

Contents

Production: results for July 2015	2
Table A – Key growth rates in the volume of manufacturing production	2
Table B – Seasonally adjusted manufacturing production for the latest three months by division and major group (Base: 2010=100)	3
Figure 1 – Volume of manufacturing production (Base: 2010=100)	4
Figure 2 – Volume of manufacturing production (Base: 2010=100): year-on-year percentage change	4
Sales: results for July 2015	5
Table C – Key growth rates in manufacturing sales at current prices	5
Table D – Seasonally adjusted manufacturing sales at current prices for the latest three months by division	5
Note: Changes to the monthly current indicator survey and the impact on the statistical series	6
Tables	8
Table 1 – Index of the volume of manufacturing production (Base: 2010=100)	8
Table 2 – Year-on-year percentage change in the volume of manufacturing production	8
Table 3 – Seasonally adjusted volume of manufacturing production	8
Table 4 – Index of the volume of manufacturing production by division and major group (Base: 2010=100)	9
Table 5 – Year-on-year percentage change in the volume of manufacturing production by division and major group (Base: 2010=100)	10
Table 6 – Contribution of each division and major group to the year-on-year percentage change in the volume of manufacturing production (percentage points)	11
Table 7 – Seasonally adjusted index of the volume of manufacturing production by division and major group (Base: 2010=100)	12
Table 8 – Manufacturing sales at current prices (R million)	13
Table 9 – Year-on-year percentage change in manufacturing sales at current prices	13
Table 10 – Seasonally adjusted manufacturing sales at current prices	13
Table 11 – Manufacturing sales at current prices by division and major group (R million)	14
Table 12 – Year-on-year percentage change in manufacturing sales at current prices by division and major group	15
Table 13 – Contribution of each division and major group to the year-on-year percentage change in manufacturing sales at current prices (percentage points)	16
Table 14 – Seasonally adjusted manufacturing sales at current prices by division and major group (R million)	17
Annexure A – Comparison between the old and new layouts	18
Survey information	22
Technical notes	23
Table G – Weights by division and major group	25
Glossary	27
Technical enquiries	27
General information	28

Please note the new layout of this statistical release – see Annexure A.

Production: results for July 2015

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

	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Year-on-year % change, unadjusted	-0,3	4,0	-2,3	-1,7	-0,5	5,6
Month-on-month % change, seasonally adjusted	0,8	1,3	-2,4	-0,7	0,8	0,3
3-month % change, seasonally adjusted ¹	-0,6	-0,5	0,1	-0,7	-1,5	-1,3

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

Manufacturing production increased by 5,6% in July 2015 compared with July 2014. This increase was mainly due to higher production in the following divisions:

- basic iron and steel, non-ferrous metal products, metal products and machinery (17,4% and contributing 2,9 percentage points); and
- motor vehicles, parts and accessories and other transport equipment (39,6% and contributing 2,6 percentage points) – see Tables 5 and 6.

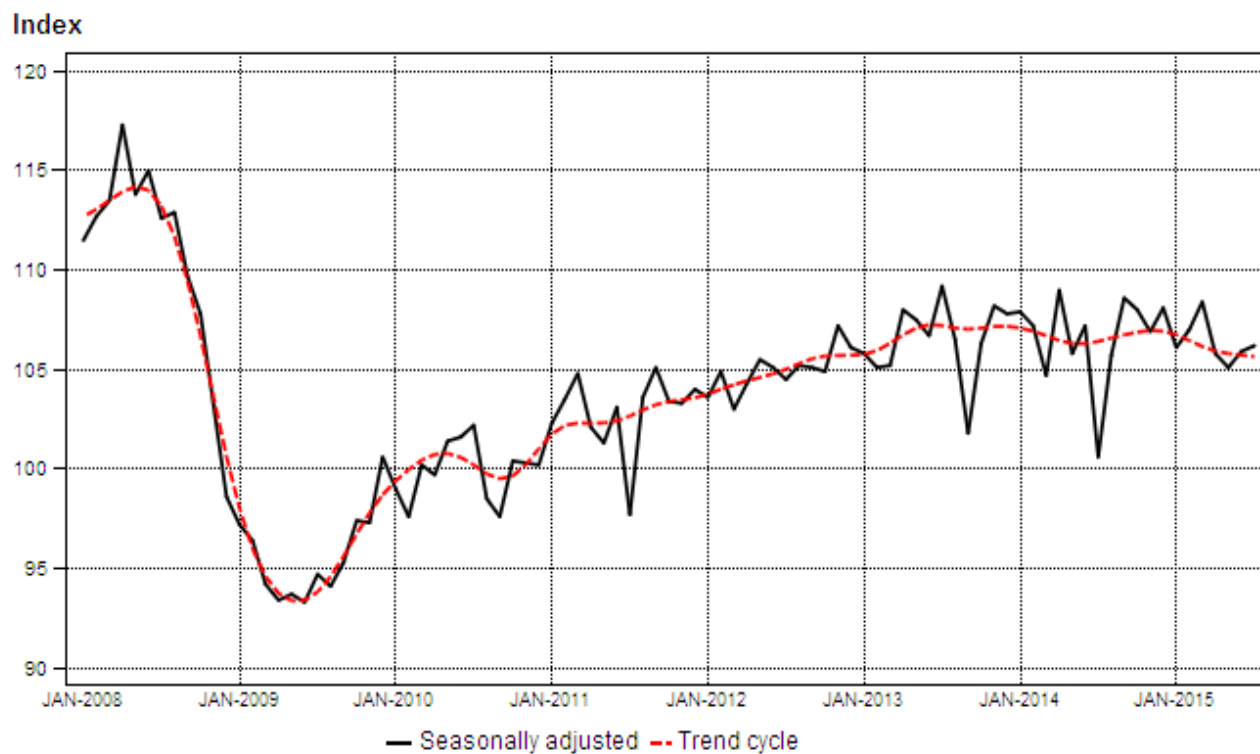
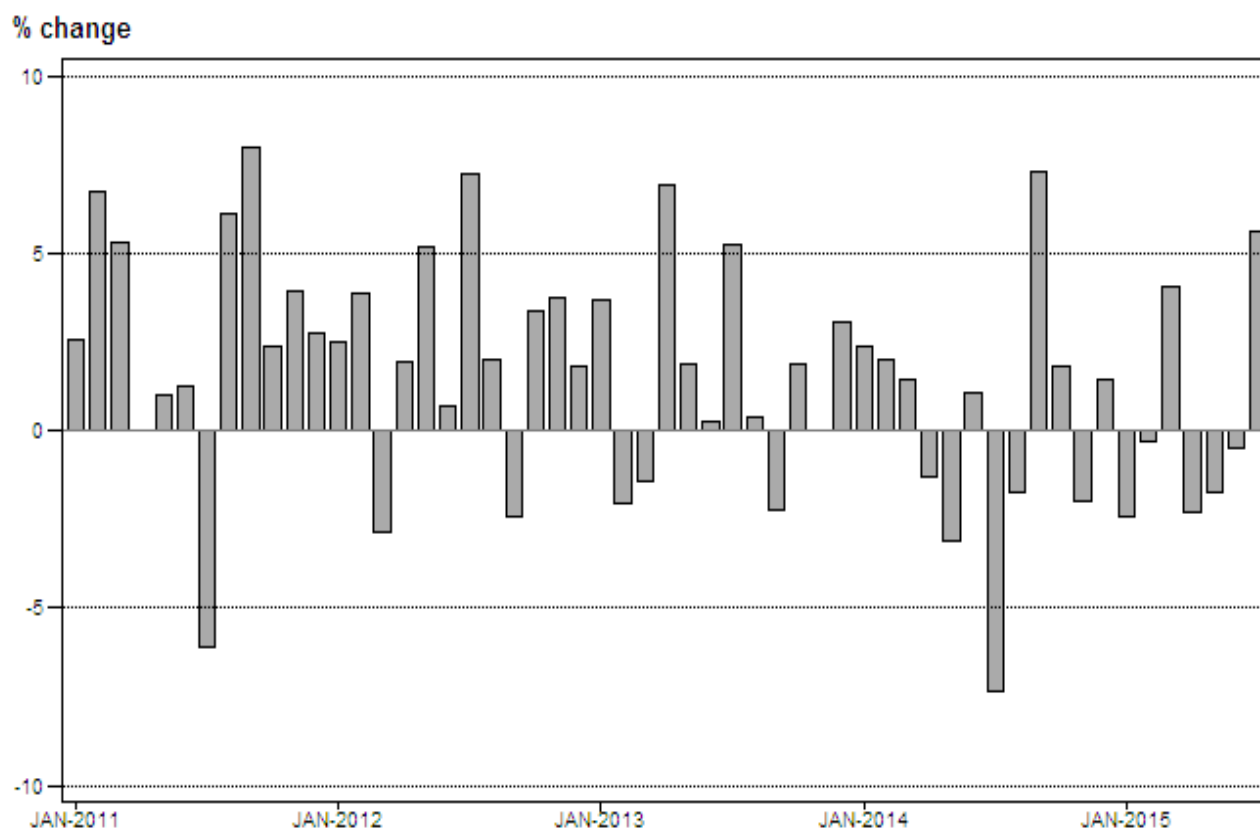
Seasonally adjusted manufacturing production increased by 0,3% in July 2015 compared with June 2015. This followed month-on-month changes of 0,8% in June 2015 and -0,7% in May 2015 – see Table A.

Seasonally adjusted manufacturing production decreased by 1,3% in the three months ended July 2015 compared with the previous three months. Six of the ten manufacturing divisions reported negative growth rates over this period.

The main contributors to the 1,3% decrease were the basic iron and steel, non-ferrous metal products, metal products and machinery division (-3,6% and contributing -0,7 of a percentage point) and the petroleum, chemical products, rubber and plastic products division (-3,4% and contributing -0,7 of a percentage point) – see Table B.

Table B – Seasonally adjusted manufacturing production for the latest three months by division and major group (Base: 2010=100)

Manufacturing division and major group	Weight (2012)	Feb – Apr 2015	May – Jul 2015	% change between Feb – Apr 2015 and May – Jul 2015	Contribution (% points) to the total % change
Food and beverages	24,44	112,8	112,0	-0,7	-0,2
Meat, fish, fruit, etc.	5,39	119,1	118,2	-0,8	0,0
Dairy products	1,78	111,8	117,2	4,8	0,1
Grain mill products	2,86	104,1	105,0	0,9	0,0
Other food products	7,73	107,6	105,0	-2,4	-0,2
Beverages	6,68	117,6	116,8	-0,7	0,0
Textiles, clothing, leather and footwear	3,17	97,7	95,3	-2,5	-0,1
Textiles	0,74	86,7	84,6	-2,4	0,0
Other textile products	0,47	93,5	93,9	0,4	0,0
Knitted, crocheted articles	0,10	51,2	57,4	12,1	0,0
Wearing apparel	1,19	102,0	98,1	-3,8	0,0
Leather and leather products	0,28	122,9	124,8	1,5	0,0
Footwear	0,39	103,8	97,2	-6,4	0,0
Wood and wood products, paper, publishing and printing	12,65	103,5	104,8	1,3	0,2
Sawmilling and planing of wood	1,83	127,8	129,9	1,6	0,0
Products of wood	2,55	105,8	108,1	2,2	0,1
Paper and paper products	4,89	100,0	100,1	0,1	0,0
Publishing	1,51	94,3	95,1	0,8	0,0
Printing, recorded media	1,87	92,7	95,7	3,2	0,1
Petroleum, chemical products, rubber and plastic products	22,13	106,6	103,0	-3,4	-0,7
Coke, petroleum products and nuclear fuel	7,77	98,3	88,4	-10,1	-0,7
Basic chemicals	3,81	111,7	116,0	3,8	0,2
Other chemical products	6,49	116,2	114,8	-1,2	-0,1
Rubber products	1,00	98,9	103,2	4,3	0,0
Plastic products	3,06	103,2	99,0	-4,1	-0,1
Glass and non-metallic mineral products	3,91	99,0	98,2	-0,8	0,0
Glass and glass products	0,78	93,1	92,4	-0,8	0,0
Non-metallic mineral products	3,13	100,5	99,6	-0,9	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	104,7	100,9	-3,6	-0,7
Basic iron and steel products	3,38	97,5	88,2	-9,5	-0,3
Non-ferrous metal products	3,18	99,7	98,2	-1,5	0,0
Structural metal products	1,89	82,8	84,1	1,6	0,0
Other fabricated metal products	4,40	123,9	116,7	-5,8	-0,3
General purpose machinery	2,44	84,8	83,0	-2,1	0,0
Special purpose machinery	3,44	115,5	115,9	0,3	0,0
Household appliances	0,86	114,5	107,9	-5,8	-0,1
Electrical machinery	1,70	101,6	110,9	9,2	0,1
Radio, television and communication apparatus and professional equipment	1,41	121,0	134,5	11,2	0,2
Radio, television and communication apparatus	0,90	129,1	149,3	15,6	0,2
Professional equipment	0,51	106,7	108,0	1,2	0,0
Motor vehicles, parts and accessories and other transport equipment	7,39	115,5	117,7	1,9	0,2
Motor vehicles	2,98	140,5	145,0	3,2	0,1
Bodies for motor vehicles, trailers and semi-trailers	0,43	120,8	122,6	1,5	0,0
Parts and accessories	2,77	94,5	93,8	-0,7	0,0
Other transport equipment	1,21	99,8	103,3	3,5	0,0
Furniture and other manufacturing	3,61	93,7	88,7	-5,3	-0,2
Furniture	1,08	109,4	105,1	-3,9	0,0
Other manufacturing groups	2,53	87,0	81,7	-6,1	-0,1
Total	100	107,1	105,7	-1,3	-1,3

Figure 1 – Volume of manufacturing production (Base: 2010=100)**Figure 2 – Volume of manufacturing production (Base: 2010=100): year-on-year percentage change**

Sales: results for July 2015

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

	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Year-on-year % change, unadjusted	-2,0	6,7	-0,9	3,3	1,1	8,6
Month-on-month % change, seasonally adjusted	-1,0	4,4	-2,6	2,4	0,0	0,4
3-month % change, seasonally adjusted ¹	-3,1	-3,0	-0,9	1,6	1,5	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 0,4% in July 2015 compared with June 2015. This followed month-on-month changes of 0,0% in June 2015 and 2,4% in May 2015 – see Table C.

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

Manufacturing division	Feb – Apr 2015 (R million)	May – Jul 2015 (R million)	% change between Feb – Apr 2015 and May – Jul 2015	Contribution (% points) to the total % change
Food and beverages	102 030	105 155	3,1	0,7
Textiles, clothing, leather and footwear	12 493	12 566	0,6	0,0
Wood and wood products, paper, publishing and printing	34 974	35 233	0,7	0,1
Petroleum, chemical products, rubber and plastic products	106 610	109 072	2,3	0,5
Glass and non-metallic mineral products	13 723	13 747	0,2	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	97 785	96 746	-1,1	-0,2
Electrical machinery	13 173	14 480	9,9	0,3
Radio, television and communication apparatus and professional equipment	4 636	4 959	7,0	0,1
Motor vehicles, parts and accessories and other transport equipment	57 967	61 575	6,2	0,8
Furniture and other manufacturing	14 218	14 062	-1,1	0,0
Total	457 609	467 593	2,2	2,2

PJ Lehohla
Statistician-General

Note: Changes to the monthly current indicator survey and the impact on the statistical series

Business register and samples

Today Statistics South Africa (Stats SA) publishes results for the monthly survey of manufacturing production and sales from a new sample drawn in April 2015, which replaces the previous sample that was drawn in April 2014. The sample was drawn from a business register of enterprises with an annual turnover of at least R1 882 214 and that are required to register with the South African Revenue Service (SARS) for value added tax.

Owing to the evolving nature of business, the business register is maintained on a continuous basis. The maintenance process is aimed, amongst other things, at capturing changes related to new businesses, ceased businesses, merged businesses and classification changes. In addition, Stats SA undertakes quality improvement surveys related to the business register, the primary objective of which is to capture up-to-date information about the structures and activities of large and complex businesses. This process enables Stats SA to review classification codes for these businesses. These changes are an essential part of the statistical architecture.

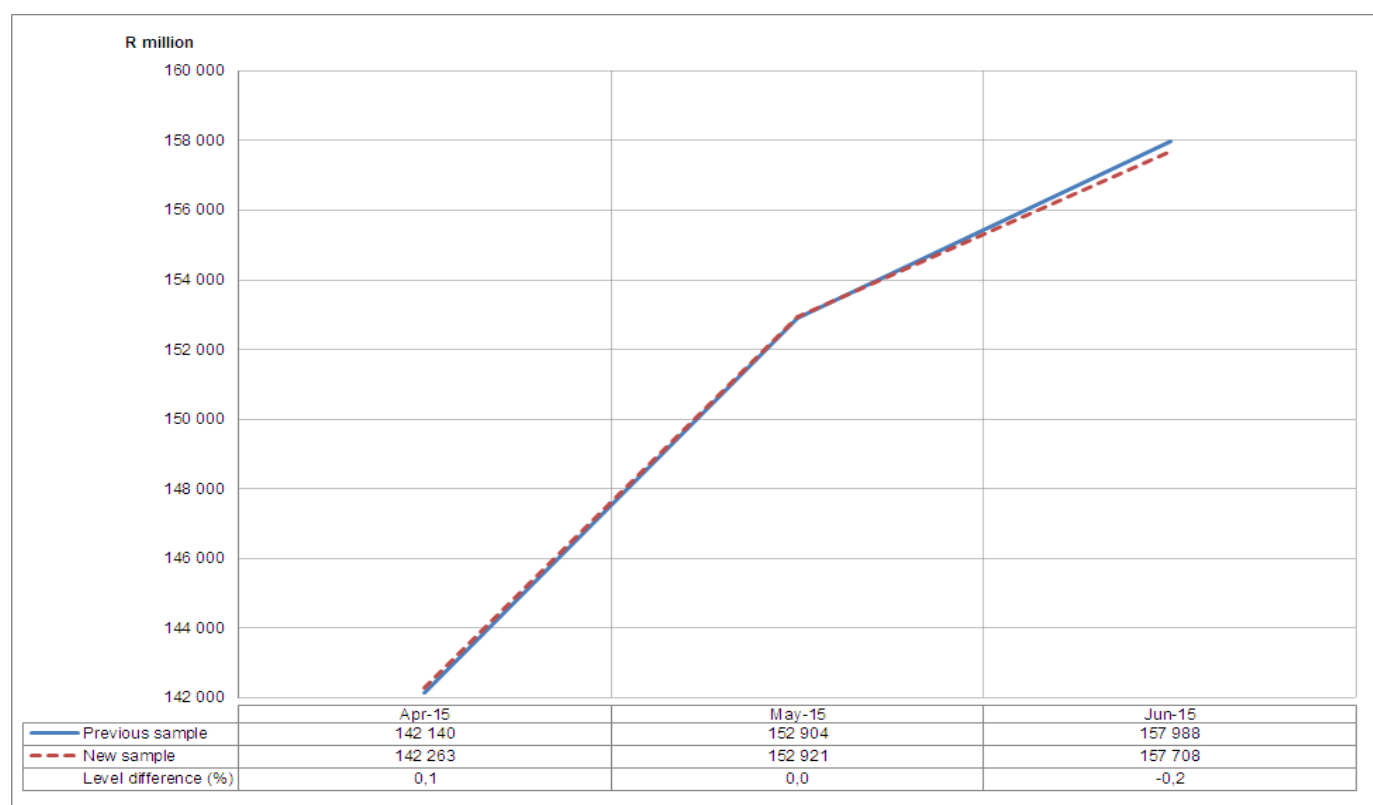
Comparison of total sales between the previous and new samples of the manufacturing industry

The reported level of total sales for the monthly survey of the manufacturing industry for the months April to June 2015 based on the new sample was similar to the level of total sales recorded for the previous sample – see Table E and Figure A. The previous sample was drawn in April 2014 and was operational for the last half of 2014 and the first half of 2015.

Table E – Total sales for previous and new samples for the manufacturing industry – April to June 2015

Manufacturing industry	Previous sample (R million)	New sample (R million)	Difference	
			(R million)	(%)
	453 032	452 892	-140	0,0

Figure A – Total value of sales of manufactured products: monthly levels of previous and new samples for April to June 2015



Comparison of sales between the previous and new samples by division

The differences in sales between the previous and new samples by manufacturing division are shown in Table F.

Table F – Manufacturing sales for previous and new samples by division: April to June 2015

Manufacturing division	Previous sample (R million)	New sample (R million)	Difference	
			(R million)	(%) ¹
Food and beverages	99 041	98 524	-517	-0,5
Textiles, clothing, leather and footwear	12 534	12 542	8	0,1
Wood and wood products, paper, publishing and printing	32 909	33 078	169	0,5
Petroleum, chemical products, rubber and plastic products	107 656	108 497	841	0,8
Glass and non-metallic mineral products	13 756	13 642	-114	-0,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	97 657	95 499	-2 158	-2,2
Electrical machinery	13 381	13 297	-84	-0,6
Radio, television and communication apparatus and professional equipment	4 419	4 478	59	1,3
Motor vehicles, parts and accessories and other transport equipment	57 372	59 405	2 033	3,5
Furniture and other manufacturing	14 306	13 931	-375	-2,6
Total manufacturing	453 032	452 892	-140	0,0

¹ The percentage difference is the new sample minus the previous sample, divided by the previous sample, multiplied by 100.

The largest percentage differences were in the following manufacturing divisions:

- motor vehicles, parts and accessories and other transport equipment (3,5% or R2 033 million higher in the new sample);
- furniture and 'other' manufacturing (2,6% or R375 million lower in the new sample); and
- basic iron and steel, non-ferrous metal products, metal products and machinery (2,2% or R2 158 million lower in the new sample).

Backcasting

To avoid breaks in time series and to preserve historical growth rates, historical sales levels were revised (i.e. they were linked to the estimates based on the new sample).

Tables

Table 1 – Index of the volume of manufacturing production (Base: 2010=100)

Month	2009	2010	2011	2012	2013	2014	2015 ¹
Jan	82,7	84,5	86,7	88,9	92,2	94,4	92,1
Feb	91,1	92,2	98,4	102,2	100,1	102,1	101,8
Mar	97,6	103,8	109,3	106,2	104,7	106,2	110,5
Apr	86,6	93,4	93,4	95,2	101,8	100,5	98,2
May	94,2	100,6	101,6	106,9	108,9	105,5	103,7
Jun	94,5	102,9	104,2	104,9	105,2	106,3	105,8
Jul	98,2	105,3	98,9	106,1	111,7	103,5	109,3
Aug	96,3	101,6	107,8	110,0	110,4	108,5	
Sep	99,9	102,2	110,4	107,7	105,3	113,0	
Oct	108,4	110,3	112,9	116,7	118,9	121,1	
Nov	107,9	112,2	116,6	121,0	121,0	118,6	
Dec	89,2	91,0	93,5	95,2	98,1	99,5	
Total	95,6	100,0	102,8	105,1	106,5	106,6	

¹ The latest three months are preliminary.

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

Month	2010	2011	2012	2013	2014	2015	2015 year-to-date
Jan	2,2	2,6	2,5	3,7	2,4	-2,4	-2,4
Feb	1,2	6,7	3,9	-2,1	2,0	-0,3	-1,3
Mar	6,4	5,3	-2,8	-1,4	1,4	4,0	0,6
Apr	7,9	0,0	1,9	6,9	-1,3	-2,3	-0,1
May	6,8	1,0	5,2	1,9	-3,1	-1,7	-0,5
Jun	8,9	1,3	0,7	0,3	1,0	-0,5	-0,5
Jul	7,2	-6,1	7,3	5,3	-7,3	5,6	0,4
Aug	5,5	6,1	2,0	0,4	-1,7		
Sep	2,3	8,0	-2,4	-2,2	7,3		
Oct	1,8	2,4	3,4	1,9	1,9		
Nov	4,0	3,9	3,8	0,0	-2,0		
Dec	2,0	2,7	1,8	3,0	1,4		
Total	4,6	2,8	2,2	1,3	0,1		

Table 3 – Seasonally adjusted volume of manufacturing production

Month	Index (Base: 2010=100)				Month-on-month % change			
	2012	2013	2014	2015	2012	2013	2014	2015
Jan	103,6	105,8	107,9	106,1	-0,4	-0,3	0,1	-1,9
Feb	104,9	105,1	107,2	107,0	1,3	-0,7	-0,6	0,8
Mar	103,0	105,2	104,7	108,4	-1,8	0,1	-2,3	1,3
Apr	104,3	108,0	109,0	105,8	1,3	2,7	4,1	-2,4
May	105,5	107,5	105,8	105,1	1,2	-0,5	-2,9	-0,7
Jun	105,1	106,7	107,2	105,9	-0,4	-0,7	1,3	0,8
Jul	104,5	109,2	100,6	106,2	-0,6	2,3	-6,2	0,3
Aug	105,2	106,5	105,7		0,7	-2,5	5,1	
Sep	105,1	101,8	108,6		-0,1	-4,4	2,7	
Oct	104,9	106,3	108,0		-0,2	4,4	-0,6	
Nov	107,2	108,2	106,9		2,2	1,8	-1,0	
Dec	106,1	107,8	108,1		-1,0	-0,4	1,1	

Table 4 – Index of the volume of manufacturing production by division and major group (Base: 2010=100)

Manufacturing division and major group	Weight (2012)	Feb-15	Mar-15	Apr-15	¹ May-15	¹ Jun-15	¹ Jul-15
Food and beverages	24,44	101,5	110,5	104,4	107,6	110,8	113,5
Meat, fish, fruit, etc.	5,39	107,1	128,3	115,7	116,2	119,0	120,7
Dairy products	1,78	98,3	110,8	109,1	104,6	109,9	116,7
Grain mill products	2,86	93,1	108,9	98,0	102,0	108,6	108,6
Other food products	7,73	91,8	94,2	101,5	110,6	113,9	118,8
Beverages	6,68	112,7	115,7	100,3	100,4	101,6	102,8
Textiles, clothing, leather and footwear	3,17	99,1	104,6	93,3	98,2	89,5	100,0
Textiles	0,74	92,3	97,4	85,4	93,3	83,1	87,2
Other textile products	0,47	98,9	94,9	86,2	98,0	93,3	97,7
Knitted, crocheted articles	0,10	52,8	60,2	53,8	63,6	52,0	61,7
Wearing apparel	1,19	98,1	110,6	97,2	95,8	89,8	105,0
Leather and leather products	0,28	128,5	129,4	121,8	131,1	129,5	115,4
Footwear	0,39	106,0	104,6	94,3	100,1	77,0	110,4
Wood and wood products, paper, publishing and printing	12,65	97,1	105,6	92,8	98,9	104,6	109,3
Sawmilling and planing of wood	1,83	129,2	135,1	118,3	129,1	133,3	138,9
Products of wood	2,55	96,5	109,0	99,6	101,7	110,0	117,0
Paper and paper products	4,89	92,7	102,0	91,0	95,2	103,4	100,3
Publishing	1,51	87,3	94,0	79,2	84,4	89,5	91,3
Printing, recorded media	1,87	85,7	90,8	74,2	87,0	84,7	107,8
Petroleum, chemical products, rubber and plastic products	22,13	102,3	110,5	97,5	102,7	100,6	106,0
Coke, petroleum products and nuclear fuel	7,77	96,1	99,6	89,0	92,0	84,3	92,1
Basic chemicals	3,81	97,2	117,8	100,7	116,3	110,4	118,9
Other chemical products	6,49	115,3	121,1	104,5	110,1	114,4	117,2
Rubber products	1,00	102,2	115,3	96,0	110,3	108,9	109,1
Plastic products	3,06	96,8	105,0	100,5	95,0	97,9	100,3
Glass and non-metallic mineral products	3,91	92,5	97,2	94,4	102,1	101,3	106,5
Glass and glass products	0,78	87,5	83,4	81,9	83,9	84,2	102,8
Non-metallic mineral products	3,13	93,7	100,6	97,5	106,6	105,6	107,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	103,0	114,3	97,3	100,0	103,3	103,9
Basic iron and steel products	3,38	97,9	101,5	96,1	93,8	83,3	90,9
Non-ferrous metal products	3,18	93,2	102,7	100,9	96,6	99,5	98,8
Structural metal products	1,89	86,8	90,4	73,0	83,3	82,9	89,2
Other fabricated metal products	4,40	123,5	133,8	113,1	114,6	123,5	122,1
General purpose machinery	2,44	82,9	85,4	77,9	85,6	85,5	85,0
Special purpose machinery	3,44	111,5	142,4	99,9	108,0	121,4	119,4
Household appliances	0,86	114,3	129,9	106,6	108,4	115,5	105,3
Electrical machinery	1,70	100,4	115,5	89,8	103,1	118,0	126,6
Radio, television and communication apparatus and professional equipment	1,41	117,6	129,4	105,4	121,7	133,6	132,3
Radio, television and communication apparatus	0,90	125,1	129,5	111,4	125,2	144,7	152,1
Professional equipment	0,51	104,1	129,3	94,7	115,5	113,7	97,0
Motor vehicles, parts and accessories and other transport equipment	7,39	112,0	123,4	104,4	118,7	120,1	126,6
Motor vehicles	2,98	137,2	144,8	125,3	147,8	145,5	154,6
Bodies for motor vehicles, trailers and semi-trailers	0,43	113,5	128,6	120,6	122,8	130,6	135,7
Parts and accessories	2,77	92,6	101,4	90,6	97,4	92,6	103,2
Other transport equipment	1,21	94,1	119,3	78,8	94,1	116,4	107,8
Furniture and other manufacturing	3,61	96,6	89,9	79,9	90,6	93,8	89,3
Furniture	1,08	103,0	100,3	98,4	102,2	106,4	113,1
Other manufacturing groups	2,53	94,0	85,5	72,0	85,6	88,4	79,1
Total	100	101,8	110,5	98,2	103,7	105,8	109,3

¹ The latest three months are preliminary.

Table 5 – Year-on-year percentage change in the volume of manufacturing production by division and major group (Base: 2010=100)

Manufacturing division and major group	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Food and beverages	3,3	8,5	0,5	1,9	3,6	0,4
Meat, fish, fruit, etc.	2,2	14,3	4,6	1,7	3,7	2,0
Dairy products	2,1	5,7	9,2	6,1	17,3	15,2
Grain mill products	-3,5	4,0	-3,2	-4,0	-1,7	1,3
Other food products	6,1	1,4	-7,0	5,7	2,2	-4,2
Beverages	4,4	13,9	6,0	-1,0	4,3	1,3
Textiles, clothing, leather and footwear	-0,5	6,5	-1,8	3,9	0,1	-0,3
Textiles	2,3	22,7	5,3	10,4	-0,5	8,3
Other textile products	-0,3	-3,7	-4,8	-2,5	0,0	1,9
Knitted, crocheted articles	-22,4	-14,4	-20,4	-5,8	13,8	17,1
Wearing apparel	-2,4	7,6	-0,1	3,1	-2,7	-1,6
Leather and leather products	2,6	-7,6	-4,5	9,7	6,7	-0,4
Footwear	1,0	7,7	-9,1	0,1	2,3	-10,6
Wood and wood products, paper, publishing and printing	-1,3	-2,2	-2,6	-2,5	1,6	4,4
Sawmilling and planing of wood	13,0	11,8	10,6	16,8	10,8	12,5
Products of wood	-0,7	10,2	2,3	5,3	9,7	18,9
Paper and paper products	-2,4	-9,6	-3,0	-8,6	-1,5	1,1
Publishing	-9,4	-15,6	-17,2	-12,7	-12,9	-8,8
Printing, recorded media	-9,6	-1,6	-12,4	-9,0	0,5	-4,8
Petroleum, chemical products, rubber and plastic products	-2,2	5,6	-2,9	-5,1	-6,1	-2,9
Coke, petroleum products and nuclear fuel	0,9	4,2	-11,4	-17,5	-21,4	-16,5
Basic chemicals	-9,7	5,9	-5,7	5,2	4,9	-0,3
Other chemical products	4,2	10,5	4,6	3,0	2,9	7,9
Rubber products	-17,2	-10,1	9,6	3,0	8,3	10,9
Plastic products	-8,4	4,1	2,7	-4,8	-4,6	1,8
Glass and non-metallic mineral products	-3,6	-0,1	-0,8	-0,1	-0,8	-3,5
Glass and glass products	-11,7	3,2	11,4	6,7	1,0	12,7
Non-metallic mineral products	-1,6	-0,8	-3,1	-1,4	-1,0	-6,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	0,2	1,7	-5,9	-6,3	-4,2	17,4
Basic iron and steel products	7,2	9,3	-2,1	-12,3	-12,7	16,2
Non-ferrous metal products	-10,3	-8,1	-5,3	-14,2	-3,6	9,1
Structural metal products	-4,1	1,8	-7,9	0,0	-7,8	32,5
Other fabricated metal products	0,2	6,4	-5,2	-6,4	-6,0	29,1
General purpose machinery	-6,2	-11,4	-9,2	1,8	-6,5	8,6
Special purpose machinery	11,2	7,1	-4,0	3,9	4,5	9,6
Household appliances	-3,2	-6,1	-18,1	-15,9	8,6	26,3
Electrical machinery	-3,0	-0,5	-8,5	1,6	3,2	54,8
Radio, television and communication apparatus and professional equipment	-2,8	-8,7	-18,5	-13,7	-3,2	8,1
Radio, television and communication apparatus	-5,3	-16,7	-24,5	-24,4	-3,9	8,4
Professional equipment	2,9	10,3	-2,3	18,5	-1,6	7,2
Motor vehicles, parts and accessories and other transport equipment	0,7	13,2	4,5	10,4	11,1	39,6
Motor vehicles	3,5	22,4	8,5	18,1	9,7	56,6
Bodies for motor vehicles, trailers and semi-trailers	3,2	19,7	17,2	5,2	13,6	42,8
Parts and accessories	-4,7	1,8	1,6	0,9	3,7	23,7
Other transport equipment	2,8	10,4	-7,0	9,3	32,1	24,9
Furniture and other manufacturing	-6,2	-8,0	-4,3	-3,0	-5,7	-16,2
Furniture	0,7	-2,1	-9,7	-13,3	-10,0	-6,1
Other manufacturing groups	-9,1	-10,6	-0,8	3,3	-3,3	-21,4
Total	-0,3	4,0	-2,3	-1,7	-0,5	5,6

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

Manufacturing division and major group	Weight (2012)	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Food and beverages	24,44	0,8	2,0	0,1	0,5	0,9	0,1
Meat, fish, fruit, etc.	5,39	0,1	0,8	0,3	0,1	0,2	0,1
Dairy products	1,78	0,0	0,1	0,2	0,1	0,3	0,3
Grain mill products	2,86	-0,1	0,1	-0,1	-0,1	-0,1	0,0
Other food products	7,73	0,4	0,1	-0,6	0,4	0,2	-0,4
Beverages	6,68	0,3	0,9	0,4	-0,1	0,3	0,1
Textiles, clothing, leather and footwear	3,17	0,0	0,2	-0,1	0,1	0,0	0,0
Textiles	0,74	0,0	0,1	0,0	0,1	0,0	0,0
Other textile products	0,47	0,0	0,0	0,0	0,0	0,0	0,0
Knitted, crocheted articles	0,10	0,0	0,0	0,0	0,0	0,0	0,0
Wearing apparel	1,19	0,0	0,1	0,0	0,0	0,0	0,0
Leather and leather products	0,28	0,0	0,0	0,0	0,0	0,0	0,0
Footwear	0,39	0,0	0,0	0,0	0,0	0,0	0,0
Wood and wood products, paper, publishing and printing	12,65	-0,2	-0,3	-0,3	-0,3	0,2	0,6
Sawmilling and planing of wood	1,83	0,3	0,2	0,2	0,3	0,2	0,3
Products of wood	2,55	0,0	0,2	0,1	0,1	0,2	0,5
Paper and paper products	4,89	-0,1	-0,5	-0,1	-0,4	-0,1	0,1
Publishing	1,51	-0,1	-0,2	-0,2	-0,2	-0,2	-0,1
Printing, recorded media	1,87	-0,2	0,0	-0,2	-0,2	0,0	-0,1
Petroleum, chemical products, rubber and plastic products	22,13	-0,5	1,2	-0,6	-1,2	-1,4	-0,7
Coke, petroleum products and nuclear fuel	7,77	0,1	0,3	-0,9	-1,4	-1,7	-1,4
Basic chemicals	3,81	-0,4	0,2	-0,2	0,2	0,2	0,0
Other chemical products	6,49	0,3	0,7	0,3	0,2	0,2	0,5
Rubber products	1,00	-0,2	-0,1	0,1	0,0	0,1	0,1
Plastic products	3,06	-0,3	0,1	0,1	-0,1	-0,1	0,1
Glass and non-metallic mineral products	3,91	-0,1	0,0	0,0	0,0	0,0	-0,1
Glass and glass products	0,78	-0,1	0,0	0,1	0,0	0,0	0,1
Non-metallic mineral products	3,13	0,0	0,0	-0,1	0,0	0,0	-0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	0,0	0,4	-1,2	-1,2	-0,8	2,9
Basic iron and steel products	3,38	0,2	0,3	-0,1	-0,4	-0,4	0,4
Non-ferrous metal products	3,18	-0,3	-0,3	-0,2	-0,5	-0,1	0,3
Structural metal products	1,89	-0,1	0,0	-0,1	0,0	-0,1	0,4
Other fabricated metal products	4,40	0,0	0,3	-0,3	-0,3	-0,3	1,2
General purpose machinery	2,44	-0,1	-0,3	-0,2	0,0	-0,1	0,2
Special purpose machinery	3,44	0,4	0,3	-0,1	0,1	0,2	0,3
Household appliances	0,86	0,0	-0,1	-0,2	-0,2	0,1	0,2
Electrical machinery	1,70	-0,1	0,0	-0,1	0,0	0,1	0,7
Radio, television and communication apparatus and professional equipment	1,41	0,0	-0,2	-0,3	-0,3	-0,1	0,1
Radio, television and communication apparatus	0,90	-0,1	-0,2	-0,3	-0,3	0,0	0,1
Professional equipment	0,51	0,0	0,1	0,0	0,1	0,0	0,0
Motor vehicles, parts and accessories and other transport equipment	7,39	0,1	1,0	0,3	0,8	0,8	2,6
Motor vehicles	2,98	0,1	0,7	0,3	0,6	0,4	1,6
Bodies for motor vehicles, trailers and semi-trailers	0,43	0,0	0,1	0,1	0,0	0,1	0,2
Parts and accessories	2,77	-0,1	0,0	0,0	0,0	0,1	0,5
Other transport equipment	1,21	0,0	0,1	-0,1	0,1	0,3	0,3
Furniture and other manufacturing	3,61	-0,2	-0,3	-0,1	-0,1	-0,2	-0,6
Furniture	1,08	0,0	0,0	-0,1	-0,2	-0,1	-0,1
Other manufacturing groups	2,53	-0,2	-0,2	0,0	0,1	-0,1	-0,5
Total	100	-0,3	4,0	-2,3	-1,7	-0,5	5,6

Table 7 – Seasonally adjusted index of the volume of manufacturing production by division and major group (Base: 2010=100)

Manufacturing division and major group	Weight (2012)	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Month-on-month % change
Food and beverages	24,44	113,0	112,0	110,8	113,6	111,7	-1,7
Meat, fish, fruit, etc.	5,39	119,9	119,8	117,8	118,6	118,1	-0,4
Dairy products	1,78	112,5	115,4	113,6	118,4	119,7	1,1
Grain mill products	2,86	104,2	103,9	103,7	105,9	105,4	-0,5
Other food products	7,73	107,1	102,5	103,7	107,9	103,4	-4,2
Beverages	6,68	118,1	119,1	115,7	118,1	116,6	-1,3
Textiles, clothing, leather and footwear	3,17	101,0	95,6	97,3	92,9	95,7	3,0
Textiles	0,74	90,8	86,2	89,4	81,0	83,4	3,0
Other textile products	0,47	93,0	92,2	94,1	94,0	93,5	-0,5
Knitted, crocheted articles	0,10	51,9	52,3	54,6	54,4	63,2	16,2
Wearing apparel	1,19	107,4	98,5	98,5	94,7	101,0	6,7
Leather and leather products	0,28	121,7	125,0	129,9	125,3	119,3	-4,8
Footwear	0,39	107,3	98,5	99,9	94,9	96,7	1,9
Wood and wood products, paper, publishing and printing	12,65	104,0	103,8	102,4	105,6	106,5	0,9
Sawmilling and planing of wood	1,83	128,0	125,3	129,4	130,6	129,8	-0,6
Products of wood	2,55	107,4	107,3	104,5	109,6	110,3	0,6
Paper and paper products	4,89	98,7	101,4	97,6	100,3	102,5	2,2
Publishing	1,51	95,0	93,9	95,1	95,7	94,6	-1,1
Printing, recorded media	1,87	96,8	92,4	91,4	97,2	98,4	1,2
Petroleum, chemical products, rubber and plastic products	22,13	108,0	105,3	104,3	101,8	102,9	1,1
Coke, petroleum products and nuclear fuel	7,77	98,7	93,1	91,3	86,4	87,4	1,2
Basic chemicals	3,81	118,7	110,6	118,0	112,6	117,3	4,2
Other chemical products	6,49	115,9	116,2	115,7	114,5	114,2	-0,3
Rubber products	1,00	104,3	101,4	101,9	103,6	104,2	0,6
Plastic products	3,06	102,4	107,8	96,8	99,9	100,2	0,3
Glass and non-metallic mineral products	3,91	97,7	98,6	99,7	97,1	97,8	0,7
Glass and glass products	0,78	93,7	93,1	93,2	87,7	96,2	9,7
Non-metallic mineral products	3,13	98,7	100,0	101,3	99,4	98,2	-1,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	106,9	101,7	99,3	101,5	101,9	0,4
Basic iron and steel products	3,38	97,7	93,9	85,8	84,5	94,4	11,7
Non-ferrous metal products	3,18	98,7	102,2	93,5	103,5	97,6	-5,7
Structural metal products	1,89	89,0	76,9	84,8	81,1	86,4	6,5
Other fabricated metal products	4,40	128,7	120,2	114,9	119,8	115,3	-3,8
General purpose machinery	2,44	83,5	83,8	83,5	83,1	82,5	-0,7
Special purpose machinery	3,44	118,8	109,8	115,5	114,7	117,6	2,5
Household appliances	0,86	119,5	109,4	106,3	111,8	105,7	-5,5
Electrical machinery	1,70	104,1	96,8	102,4	108,4	121,9	12,5
Radio, television and communication apparatus and professional equipment	1,41	129,3	120,8	129,8	137,5	136,1	-1,0
Radio, television and communication apparatus	0,90	136,7	133,9	138,8	154,6	154,5	-0,1
Professional equipment	0,51	116,1	97,4	113,7	107,1	103,3	-3,5
Motor vehicles, parts and accessories and other transport equipment	7,39	118,4	114,5	118,1	115,7	119,2	3,0
Motor vehicles	2,98	139,8	143,4	150,0	141,3	143,8	1,8
Bodies for motor vehicles, trailers and semi-trailers	0,43	125,5	121,4	118,1	125,6	124,2	-1,1
Parts and accessories	2,77	97,7	93,6	92,6	91,8	97,0	5,7
Other transport equipment	1,21	110,6	88,8	98,2	103,9	107,9	3,8
Furniture and other manufacturing	3,61	93,6	94,4	90,2	92,2	83,6	-9,3
Furniture	1,08	110,9	106,8	102,6	105,9	106,7	0,8
Other manufacturing groups	2,53	86,3	89,1	84,9	86,3	73,8	-14,5
Total	100	108,4	105,8	105,1	105,9	106,2	0,3

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

Month	2009 *	2010 *	2011 *	2012 *	2013 *	2014 *	2015 ¹ *
Jan	89 616	90 215	95 994	107 218	116 532	130 303	129 333
Feb	101 570	101 983	111 651	125 750	131 788	146 300	143 332
Mar	110 013	115 516	126 331	133 374	137 740	151 487	161 661
Apr	94 153	101 853	108 005	117 453	133 321	143 553	142 263
May	100 754	109 489	117 657	130 302	141 196	148 043	152 921
Jun	102 477	113 772	122 233	130 849	139 275	155 933	157 708
Jul	104 040	113 046	113 051	127 702	146 362	145 849	158 337
Aug	105 013	110 779	125 128	134 503	143 958	156 037	
Sep	109 202	113 369	133 135	131 890	140 221	162 333	
Oct	114 706	121 878	133 901	144 549	156 327	175 379	
Nov	116 959	126 703	139 235	153 267	162 140	170 409	
Dec	99 452	104 635	117 662	123 569	140 451	148 058	
Total	1 247 955	1 323 238	1 443 983	1 560 426	1 689 311	1 833 684	

¹ The latest three months are preliminary.

* Revised. See note on page 6.

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

Month	2010	2011	2012	2013	2014	2015	2015 year-to-date
Jan	0,7	6,4	11,7	8,7	11,8	-0,7	-0,7
Feb	0,4	9,5	12,6	4,8	11,0	-2,0	-1,4
Mar	5,0	9,4	5,6	3,3	10,0	6,7	1,5
Apr	8,2	6,0	8,7	13,5	7,7	-0,9	0,9
May	8,7	7,5	10,7	8,4	4,8	3,3	1,4
Jun	11,0	7,4	7,0	6,4	12,0	1,1	1,3
Jul	8,7	0,0	13,0	14,6	-0,4	8,6	2,4
Aug	5,5	13,0	7,5	7,0	8,4		
Sep	3,8	17,4	-0,9	6,3	15,8		
Oct	6,3	9,9	8,0	8,1	12,2		
Nov	8,3	9,9	10,1	5,8	5,1		
Dec	5,2	12,4	5,0	13,7	5,4		
Total	6,0	9,1	8,1	8,3	8,5		

Table 10 – Seasonally adjusted manufacturing sales at current prices

Month	R million				Month-on-month % change			
	2012	2013	2014	2015	2012	2013	2014	2015
Jan	126 608	135 329	150 390	151 074	-0,3	1,3	0,8	-3,1
Feb	128 210	137 194	152 301	149 490	1,3	1,4	1,3	-1,0
Mar	127 253	137 136	147 112	156 087	-0,7	0,0	-3,4	4,4
Apr	127 481	138 623	153 704	152 032	0,2	1,1	4,5	-2,6
May	129 758	140 621	149 092	155 641	1,8	1,4	-3,0	2,4
Jun	129 299	139 502	155 147	155 652	-0,4	-0,8	4,1	0,0
Jul	127 686	145 333	144 463	156 300	-1,2	4,2	-6,9	0,4
Aug	130 380	140 963	154 122		2,1	-3,0	6,7	
Sep	128 871	135 976	156 132		-1,2	-3,5	1,3	
Oct	132 101	142 702	160 062		2,5	4,9	2,5	
Nov	135 870	145 426	154 753		2,9	1,9	-3,3	
Dec	133 615	149 244	155 923		-1,7	2,6	0,8	

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

Manufacturing division and major group	* Feb-15	* Mar-15	* Apr-15	¹ May-15	¹ Jun-15	¹ Jul-15
Food and beverages	30 684	34 383	32 090	32 751	33 683	34 593
Meat, fish, fruit, etc.	8 052	9 894	8 778	9 058	9 422	9 664
Dairy products	2 725	3 232	3 047	3 113	3 118	3 317
Grain mill products	4 716	5 651	5 106	5 418	5 694	5 889
Other food products	6 291	5 895	6 805	6 600	6 714	6 925
Beverages	8 900	9 711	8 355	8 562	8 734	8 797
Textiles, clothing, leather and footwear	3 979	4 441	4 161	4 274	4 107	4 358
Textiles	590	654	597	609	595	583
Other textile products	1 164	1 231	1 160	1 268	1 200	1 277
Knitted, crocheted articles	188	206	210	218	185	224
Wearing apparel	1 076	1 318	1 237	1 205	1 075	1 256
Leather and leather products	612	583	576	598	637	574
Footwear	349	449	382	374	415	443
Wood and wood products, paper, publishing and printing	10 884	11 993	10 335	10 835	11 908	12 111
Sawmilling and planing of wood	914	872	838	917	928	985
Products of wood	1 467	1 695	1 543	1 561	1 696	1 646
Paper and paper products	4 929	5 650	4 744	4 937	5 695	5 257
Publishing	1 510	1 576	1 366	1 426	1 528	1 571
Printing, recorded media	2 063	2 200	1 843	1 995	2 061	2 652
Petroleum, chemical products, rubber and plastic products	31 521	36 446	34 452	37 428	36 617	35 983
Coke, petroleum products and nuclear fuel	11 264	13 216	13 666	15 524	14 464	13 269
Basic chemicals	5 985	7 227	6 670	7 448	7 114	7 187
Other chemical products	8 083	9 275	7 905	8 367	8 763	8 986
Rubber products	1 337	1 519	1 264	1 353	1 381	1 391
Plastic products	4 852	5 207	4 946	4 735	4 894	5 150
Glass and non-metallic mineral products	4 310	4 644	4 235	4 603	4 804	4 948
Glass and glass products	689	651	655	668	779	780
Non-metallic mineral products	3 621	3 993	3 581	3 935	4 025	4 168
Basic iron and steel, non-ferrous metal products, metal products and machinery	32 032	36 665	29 439	32 561	33 499	32 818
Basic iron and steel products	9 151	11 030	8 163	9 456	9 353	8 961
Non-ferrous metal products	6 912	7 385	6 668	7 045	7 112	7 205
Structural metal products	2 944	3 213	2 475	2 931	2 950	3 020
Other fabricated metal products	5 129	5 837	5 051	5 305	5 486	5 536
General purpose machinery	2 799	2 871	2 552	2 906	3 151	2 819
Special purpose machinery	4 119	5 286	3 767	4 101	4 478	4 435
Household appliances	977	1 043	763	817	969	842
Electrical machinery	4 667	5 127	3 789	4 243	5 265	5 362
Radio, television and communication apparatus and professional equipment	1 475	1 687	1 335	1 509	1 634	1 666
Radio, television and communication apparatus	823	914	703	790	924	1 020
Professional equipment	652	773	633	718	709	645
Motor vehicles, parts and accessories and other transport equipment	19 012	21 658	17 714	20 106	21 585	21 478
Motor vehicles	9 865	11 347	8 966	10 859	11 489	11 200
Bodies for motor vehicles, trailers and semi-trailers	790	876	819	852	854	918
Parts and accessories	6 043	6 448	5 860	6 081	6 270	6 605
Other transport equipment	2 314	2 987	2 068	2 314	2 971	2 755
Furniture and other manufacturing	4 768	4 617	4 712	4 612	4 607	5 020
Furniture	1 084	1 082	1 071	1 161	1 169	1 236
Other manufacturing groups	3 684	3 536	3 641	3 451	3 438	3 785
Total	143 332	161 661	142 263	152 921	157 708	158 337

¹ The latest three months are preliminary.

* Revised. See note on page 6.

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

Manufacturing division and major group	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Food and beverages	3,6	14,0	5,0	6,1	8,1	9,2
Meat, fish, fruit, etc.	4,4	18,2	5,5	3,1	5,3	8,4
Dairy products	11,0	19,0	12,7	15,7	19,0	18,5
Grain mill products	-4,1	4,3	-5,3	-2,3	0,4	7,0
Other food products	3,8	4,9	5,3	9,1	9,9	7,6
Beverages	4,9	20,8	8,8	9,8	11,8	9,6
Textiles, clothing, leather and footwear	0,4	6,0	2,9	3,0	5,6	6,7
Textiles	3,0	15,1	9,7	2,7	2,8	6,6
Other textile products	-0,9	8,7	-0,6	2,6	3,4	11,7
Knitted, crocheted articles	-13,4	-18,3	-7,9	-7,2	-1,1	3,2
Wearing apparel	-1,5	9,2	9,3	5,5	1,2	4,0
Leather and leather products	7,9	-8,9	-1,9	6,0	10,2	13,7
Footwear	2,3	15,1	-1,3	-1,1	29,3	-4,3
Wood and wood products, paper, publishing and printing	4,5	3,7	5,1	-0,4	5,4	5,6
Sawmilling and planing of wood	20,7	0,3	22,2	27,7	10,1	17,3
Products of wood	0,6	16,0	0,3	5,6	5,3	10,0
Paper and paper products	7,0	6,6	8,8	-0,8	8,6	9,5
Publishing	-1,1	-11,1	-7,1	-6,8	-7,6	-3,1
Printing, recorded media	-0,1	1,5	3,8	-8,2	5,8	-2,1
Petroleum, chemical products, rubber and plastic products	-12,3	-0,1	-6,1	1,1	-3,2	-8,7
Coke, petroleum products and nuclear fuel	-21,5	-11,5	-16,1	-0,8	-8,7	-22,5
Basic chemicals	-24,6	0,2	-7,0	-0,6	-4,5	-10,9
Other chemical products	13,1	18,3	9,0	9,8	9,0	14,4
Rubber products	-9,6	-7,9	6,6	1,2	-0,5	5,0
Plastic products	-3,3	7,5	3,0	-3,8	-4,6	2,4
Glass and non-metallic mineral products	-0,6	8,9	-5,2	0,1	-0,4	0,6
Glass and glass products	-0,9	11,1	6,2	8,1	5,7	2,8
Non-metallic mineral products	-0,6	8,6	-7,0	-1,1	-1,5	0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	1,6	9,7	-4,3	0,5	-4,2	24,3
Basic iron and steel products	-3,6	13,0	-17,1	-6,1	-16,2	35,8
Non-ferrous metal products	1,9	8,8	5,9	-1,4	-4,8	9,6
Structural metal products	0,9	10,9	-1,5	11,6	-0,3	37,3
Other fabricated metal products	2,1	16,2	2,7	1,6	0,5	32,5
General purpose machinery	1,0	-9,2	-2,8	7,5	3,6	8,8
Special purpose machinery	11,5	10,6	1,2	12,2	12,9	22,3
Household appliances	17,6	3,6	-7,3	-16,5	5,2	32,8
Electrical machinery	-2,1	7,9	-3,4	3,7	5,4	58,3
Radio, television and communication apparatus and professional equipment	-6,6	-6,4	-13,1	-13,8	-0,2	15,7
Radio, television and communication apparatus	-13,1	-14,1	-24,2	-26,9	0,7	18,5
Professional equipment	3,0	4,6	3,9	7,2	-1,4	11,4
Motor vehicles, parts and accessories and other transport equipment	-1,9	7,9	4,1	14,8	5,4	19,7
Motor vehicles	-8,6	2,9	0,5	20,9	-2,4	16,7
Bodies for motor vehicles, trailers and semi-trailers	6,0	13,2	12,3	5,4	3,9	20,9
Parts and accessories	7,0	14,4	10,3	7,7	11,3	19,2
Other transport equipment	5,5	13,8	0,3	11,3	31,9	34,6
Furniture and other manufacturing	-0,1	-3,5	-0,4	-3,4	-5,0	-2,4
Furniture	10,3	9,7	-1,3	-1,4	-2,3	3,0
Other manufacturing groups	-2,8	-6,9	-0,1	-4,0	-5,8	-4,0
Total	-2,0	6,7	-0,9	3,3	1,1	8,6

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	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15
Food and beverages	0,7	2,8	1,1	1,3	1,6	2,0
Meat, fish, fruit, etc.	0,2	1,0	0,3	0,2	0,3	0,5
Dairy products	0,2	0,3	0,2	0,3	0,3	0,4
Grain mill products	-0,1	0,2	-0,2	-0,1	0,0	0,3
Other food products	0,2	0,2	0,2	0,4	0,4	0,3
Beverages	0,3	1,1	0,5	0,5	0,6	0,5
Textiles, clothing, leather and footwear	0,0	0,2	0,1	0,1	0,1	0,2
Textiles	0,0	0,1	0,0	0,0	0,0	0,0
Other textile products	0,0	0,1	0,0	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	0,1	0,0	0,0	0,0
Leather and leather products	0,0	0,0	0,0	0,0	0,0	0,0
Footwear	0,0	0,0	0,0	0,0	0,1	0,0
Wood and wood products, paper, publishing and printing	0,3	0,3	0,3	0,0	0,4	0,4
Sawmilling and planing of wood	0,1	0,0	0,1	0,1	0,1	0,1
Products of wood	0,0	0,2	0,0	0,1	0,1	0,1
Paper and paper products	0,2	0,2	0,3	0,0	0,3	0,3
Publishing	0,0	-0,1	-0,1	-0,1	-0,1	0,0
Printing, recorded media	0,0	0,0	0,0	-0,1	0,1	0,0
Petroleum, chemical products, rubber and plastic products	-3,0	0,0	-1,6	0,3	-0,8	-2,3
Coke, petroleum products and nuclear fuel	-2,1	-1,1	-1,8	-0,1	-0,9	-2,6
Basic chemicals	-1,3	0,0	-0,3	0,0	-0,2	-0,6
Other chemical products	0,6	0,9	0,5	0,5	0,5	0,8
Rubber products	-0,1	-0,1	0,1	0,0	0,0	0,0
Plastic products	-0,1	0,2	0,1	-0,1	-0,2	0,1
Glass and non-metallic mineral products	0,0	0,3	-0,2	0,0	0,0	0,0
Glass and glass products	0,0	0,0	0,0	0,0	0,0	0,0
Non-metallic mineral products	0,0	0,2	-0,2	0,0	0,0	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	0,3	2,1	-0,9	0,1	-0,9	4,4
Basic iron and steel products	-0,2	0,8	-1,2	-0,4	-1,2	1,6
Non-ferrous metal products	0,1	0,4	0,3	-0,1	-0,2	0,4
Structural metal products	0,0	0,2	0,0	0,2	0,0	0,6
Other fabricated metal products	0,1	0,5	0,1	0,1	0,0	0,9
General purpose machinery	0,0	-0,2	-0,1	0,1	0,1	0,2
Special purpose machinery	0,3	0,3	0,0	0,3	0,3	0,6
Household appliances	0,1	0,0	0,0	-0,1	0,0	0,1
Electrical machinery	-0,1	0,2	-0,1	0,1	0,2	1,4
Radio, television and communication apparatus and professional equipment	-0,1	-0,1	-0,1	-0,2	0,0	0,2
Radio, television and communication apparatus	-0,1	-0,1	-0,2	-0,2	0,0	0,1
Professional equipment	0,0	0,0	0,0	0,0	0,0	0,0
Motor vehicles, parts and accessories and other transport equipment	-0,3	1,0	0,5	1,8	0,7	2,4
Motor vehicles	-0,6	0,2	0,0	1,3	-0,2	1,1
Bodies for motor vehicles, trailers and semi-trailers	0,0	0,1	0,1	0,0	0,0	0,1
Parts and accessories	0,3	0,5	0,4	0,3	0,4	0,7
Other transport equipment	0,1	0,2	0,0	0,2	0,5	0,5
Furniture and other manufacturing	0,0	-0,1	0,0	-0,1	-0,2	-0,1
Furniture	0,1	0,1	0,0	0,0	0,0	0,0
Other manufacturing groups	-0,1	-0,2	0,0	-0,1	-0,1	-0,1
Total	-2,0	6,7	-0,9	3,3	1,1	8,6

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

Manufacturing division and major group	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Month-on-month % change
Food and beverages	34 404	34 482	34 735	34 923	35 497	1,6
Meat, fish, fruit, etc.	9 385	9 349	9 239	9 353	9 557	2,2
Dairy products	3 168	3 176	3 275	3 307	3 345	1,1
Grain mill products	5 397	5 315	5 438	5 523	5 684	2,9
Other food products	6 543	6 824	6 724	6 845	6 881	0,5
Beverages	9 910	9 818	10 060	9 895	10 031	1,4
Textiles, clothing, leather and footwear	4 236	4 215	4 170	4 140	4 256	2,8
Textiles	580	592	579	576	576	0,0
Other textile products	1 203	1 185	1 203	1 183	1 214	2,6
Knitted, crocheted articles	186	188	193	189	204	7,9
Wearing apparel	1 256	1 249	1 215	1 150	1 227	6,7
Leather and leather products	562	585	587	608	603	-0,8
Footwear	449	416	393	433	432	-0,2
Wood and wood products, paper, publishing and printing	11 580	11 859	11 349	11 865	12 019	1,3
Sawmilling and planing of wood	848	895	926	916	939	2,5
Products of wood	1 625	1 654	1 618	1 626	1 602	-1,5
Paper and paper products	5 292	5 398	5 104	5 388	5 435	0,9
Publishing	1 579	1 582	1 571	1 581	1 600	1,2
Printing, recorded media	2 236	2 329	2 131	2 353	2 441	3,7
Petroleum, chemical products, rubber and plastic products	36 121	36 064	37 780	36 178	35 114	-2,9
Coke, petroleum products and nuclear fuel	13 598	13 473	15 167	13 946	12 594	-9,7
Basic chemicals	7 265	7 289	7 533	7 261	7 277	0,2
Other chemical products	8 792	8 670	8 812	8 718	8 850	1,5
Rubber products	1 314	1 349	1 340	1 298	1 331	2,5
Plastic products	5 152	5 282	4 927	4 956	5 063	2,2
Glass and non-metallic mineral products	4 544	4 613	4 629	4 522	4 596	1,6
Glass and glass products	759	770	758	763	771	1,0
Non-metallic mineral products	3 785	3 843	3 871	3 758	3 825	1,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	34 362	31 078	32 335	32 048	32 363	1,0
Basic iron and steel products	10 562	8 260	8 940	8 801	9 103	3,4
Non-ferrous metal products	7 305	7 052	7 037	6 934	7 154	3,2
Structural metal products	3 034	2 648	2 969	2 873	2 961	3,1
Other fabricated metal products	5 451	5 330	5 318	5 231	5 187	-0,8
General purpose machinery	2 813	2 817	2 840	2 958	2 818	-4,7
Special purpose machinery	4 274	4 169	4 413	4 345	4 292	-1,2
Household appliances	923	802	818	905	848	-6,3
Electrical machinery	4 542	4 153	4 393	4 929	5 158	4,6
Radio, television and communication apparatus and professional equipment	1 635	1 531	1 625	1 670	1 664	-0,4
Radio, television and communication apparatus	939	843	923	997	992	-0,5
Professional equipment	696	688	702	673	672	-0,1
Motor vehicles, parts and accessories and other transport equipment	19 909	19 273	19 949	20 780	20 846	0,3
Motor vehicles	10 488	9 960	10 704	11 069	10 726	-3,1
Bodies for motor vehicles, trailers and semi-trailers	846	835	851	831	822	-1,1
Parts and accessories	5 853	6 149	5 999	6 239	6 566	5,2
Other transport equipment	2 722	2 328	2 395	2 641	2 732	3,4
Furniture and other manufacturing	4 753	4 765	4 677	4 598	4 787	4,1
Furniture	1 207	1 165	1 167	1 141	1 165	2,1
Other manufacturing groups	3 546	3 600	3 510	3 456	3 622	4,8
Total	156 087	152 032	155 641	155 652	156 300	0,4

Annexure A – Comparison between the old and new layouts

Old layout	New layout
Summary tables, graphs and text:	
Table A (production and sales) • Latest production index numbers and sales values • Variety of growth rates (only the latest shown) <i>Note: For production see new Table A, and for sales at current prices see new Table C.</i>	Table A (production) • y/y % change • m/m % change (seasonally adjusted) • 3m/3m % change (seasonally adjusted) • Latest 6 months <i>Note: For production index numbers see new Table 1 (actual) and new Table 3 (seasonally adjusted).</i>
Table B (production) • Breakdown (by division / major group), seasonally adjusted • 3-month averages (index) • 3m/3m % change and %-point contribution	Table B (production) • Breakdown (by division / major group), seasonally adjusted • 3-month averages (index) • 3m/3m % change and %-point contribution
Figure 1 (production) • Seasonally adjusted index of production, and the trend	Figure 1 (production) • Seasonally adjusted index of production, and the trend
	Figure 2 (production) • y/y % change
Table C (sales at current prices) • Breakdown, seasonally adjusted • 3-month totals (R'000) • 3m/3m % change and difference (R'000) <i>Note: See new Table D (less detail).</i>	Table C (sales at current prices) • y/y % change • m/m % change (seasonally adjusted) • 3m/3m % change (seasonally adjusted) • Latest 6 months <i>Note: For sales values see new Table 8 (actual) and new Table 10 (seasonally adjusted).</i>
Figure 2 (sales) • Seasonally adjusted sales in current prices, and the trend	Table D (sales at current prices) • Breakdown (but less detail), seasonally adjusted • 3-month totals (Rm) • 3m/3m % change and %-point contribution
	<i>Note: Graph of sales discontinued.</i>

Old layout	New layout
Detailed tables:	
Table 1 (production) Index of the volume of manufacturing production	Table 1 (production) Index of the volume of manufacturing production
Table 2 (production) y/y % change in the volume of manufacturing production	Table 2 (production) y/y % change in the volume of manufacturing production
Table 3 (production) Seasonally adjusted index of the volume of manufacturing production	Table 3 (production) - Seasonally adjusted index of the volume of manufacturing production - m/m % change
Table 4a (production) - Breakdown - Average for previous year, latest 2 months and year ago (index) - Breakdown, seasonally adjusted - Latest 2 months and year ago (index)	Table 4 (production) - Breakdown - Latest 6 months (index) <i>Note: See new Table 5 for y/y % change (latest 6 months).</i>
Table 4b (production) - Breakdown - Average for previous year and latest month and year ago (index) - Latest y/y % change <i>Note: For actual index and y/y % change see new Tables 4 and 5 respectively.</i> - Breakdown, seasonally adjusted - Latest 2 months (index) - Latest m/m % change <i>Note: For seasonally adjusted index and latest m/m % change see new Table 7.</i>	Table 5 (production) - Breakdown - y/y % change for individual months - Latest 6 months
Table 5 (sales at current prices) Manufacturing sales Note: For sales at current prices see new Table 8.	Table 6 (production) - Breakdown %-point contribution to y/y % change - Latest 6 months Note: New table.
Table 6 (sales at current prices) y/y % change in manufacturing sales Note: For y/y % change see new Table 9.	Table 7 (production) - Breakdown, seasonally adjusted - Latest 5 months (index) - Latest m/m % change

Old layout	New layout
Table 7 (sales at current prices) Seasonally adjusted manufacturing sales <i>Note: For seasonally adjusted sales see new Table 10.</i>	Table 8 (sales at current prices) Manufacturing sales
Table 8a (sales at current prices) - Breakdown - Total for previous year, latest 2 months and year ago (R'000) - Breakdown, seasonally adjusted - Latest 2 months and year ago (R'000)	Table 9 (sales at current prices) y/y % change in manufacturing sales
Table 8b (sales at current prices) - Breakdown - Total for previous year, latest month and year ago (R'000) - Latest y/y % change <i>Note: For actual sales and y/y % change see new Tables 11 and 12 respectively</i> - Breakdown, seasonally adjusted - Latest 2 months (R'000) - Latest m/m % change <i>Note: For seasonal adjusted sales and latest m/m % change see new Table 14.</i>	Table 10 (sales at current prices) - Seasonally adjusted manufacturing sales - m/m % change
Table 9 (production and sales) - Breakdown, production 3-month averages (index) - y/y % change (based on 3-months averages) - Breakdown, sales 3-month totals (R'000) - y/y % change (based on 3-months totals) <i>Note: Annual % change for 3-month averages and 3-month totals discontinued.</i>	Table 11 (sales at current prices) - Breakdown - Latest 6 months (Rm) <i>Note: See new Table 12 for y/y % change (latest 6 months).</i>

Old layout	New layout
Table 10 (production and sales at current prices) • Breakdown, production • Cumulative (year-to-date) averages (index) • y/y % change (based on cumulative averages) • %-point contribution to y/y % change <i>Note: Annual % change for cumulative averages and contributions to y/y % change discontinued (except total y/y % change – see new Table 2).</i> • Breakdown, sales • Cumulative (year-to-date) totals (R'000) • y/y % change (based on cumulative totals) • Difference (R'000) <i>Note: Annual % change and difference for cumulative totals discontinued (except total y/y % change – see new Table 9).</i>	Table 12 (sales at current prices) • Breakdown • y/y % change for individual months • Latest 6 months
	Table 13 (sales at current prices) • Breakdown • %-point contribution to y/y % change • Latest 6 months <i>Note: New table</i>
	Table 14 (sales at current prices) • Breakdown, seasonally adjusted • Latest 5 months (Rm) • Latest m/m % change

Survey information

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 business sampling frame (BSF), with enhanced coverage of South African businesses (see 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 2010. 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 BSF, 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 <i>Standard Industrial Classification of all Economic Activities (SIC)</i>, 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 (ISIC)</i> 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 for July 2015 was 87,7%. The improved collection rate for June 2015 for the new sample was 90,9%.
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 the following publications available from Stats SA -
- *Bulletin of Statistics* issued quarterly; and
 - *SA Statistics* issued annually.
- 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 3 027 enterprises from a population of 45 285 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 2015 from Stats SA's business sampling frame (BSF). 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 given by 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 group 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 group 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 limits	Upper limits
Very small	4	1 882 214	15 000 000
Small	3	15 000 001	39 000 000
Medium	2	39 000 001	153 000 000
Large	1	153 000 001	

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 2010. 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 production 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 2015	NA

- 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 need to be calculated from time to time.

Table G – Weights by division and major group

Manufacturing divisions and major groups	Weights according to national accounts value added		
	2010	2011	2012 – 2015
Food and beverages	22,08	23,82	24,44
Meat, fish, fruit, etc.	4,41	5,19	5,39
Dairy products	2,22	2,30	1,78
Grain mill products	2,71	2,78	2,86
Other food products	6,34	7,12	7,73
Beverages	6,40	6,43	6,68
Textiles, clothing, leather and footwear	3,45	2,92	3,17
Textiles	0,68	0,84	0,74
Other textile products	0,43	0,39	0,47
Knitted, crocheted articles	0,08	0,08	0,10
Wearing apparel	1,55	0,99	1,19
Leather and leather products	0,22	0,19	0,28
Footwear	0,49	0,43	0,39
Wood and wood products, paper, publishing and printing	9,30	9,46	12,65
Sawmilling and planing of wood	0,82	0,82	1,83
Products of wood	1,66	1,76	2,55
Paper and paper products	3,18	3,26	4,89
Publishing	1,45	1,45	1,51
Printing, recorded media	2,19	2,17	1,87
Petroleum, chemical products, rubber and plastic products	25,13	22,52	22,13
Coke, petroleum products and nuclear fuel	7,97	6,32	7,77
Basic chemicals	5,81	4,85	3,81
Other chemical products	7,39	7,06	6,49
Rubber products	1,19	1,18	1,00
Plastic products	2,77	3,11	3,06
Glass and non-metallic mineral products	4,91	4,42	3,91
Glass and glass products	0,80	0,89	0,78
Non-metallic mineral products	4,11	3,53	3,13
Basic iron and steel, non-ferrous metal products, metal products and machinery	20,30	20,40	19,59
Basic iron and steel products	4,42	4,71	3,38
Non-ferrous metal products (including precious metals)	3,44	3,46	3,18
Structural metal products	1,87	2,21	1,89
Other fabricated metal products	3,84	3,89	4,40
General purpose machinery	2,36	2,44	2,44
Special purpose machinery	3,48	3,04	3,44
Household appliances	0,89	0,65	0,86
Electrical machinery	2,44	2,37	1,70
Radio, television and communication apparatus and professional equipment	1,32	1,45	1,41
Radio, television and communication apparatus	0,77	0,88	0,90
Professional equipment	0,55	0,57	0,51
Motor vehicles, parts and accessories and other transport equipment	7,89	8,58	7,39
Motor vehicles	3,21	3,84	2,98
Bodies for motor vehicles, trailers and semi-trailers	0,64	0,53	0,43
Parts and accessories	2,88	3,00	2,77
Other transport equipment	1,16	1,21	1,21
Furniture and other manufacturing	3,18	4,06	3,61
Furniture	0,94	1,05	1,08
Other manufacturing groups	2,24	3,01	2,53
Total	100	100	100

Seasonal adjustment	10	Seasonally adjusted estimates of all major groups are generated each month, using the X-12 Seasonal Adjustment Program developed by the US Bureau of the Census, 1968. 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. Therefore the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.
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.
Month-on-month percentage change	14	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	15	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)	16	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)	17	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>1993 Standard Industrial Classification of all Economic Activities</i> , Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).	
Sales	Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection or assembly or other services rendered.	
Symbols and abbreviations	BSF	Business sampling frame
	GDP	Gross domestic product
	IMF	International Monetary Fund
	ISIC	International Standard Industrial Classification
	LSS	Large sample survey
	PPI	Producer price index
	Rm	R million
	SIC	Standard Industrial Classification of all Economic Activities
	SARS	South African Revenue Service
	SDDS	Special Data Dissemination Standard
	Stats SA	Statistics South Africa
	VAT	Value added tax
	*	Revised figures

Technical enquiries

Gerda Bruwer	Telephone number: (012) 310 8249 Email: gerdab@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 eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English.

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

Advance release calendar

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

Stats SA products

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

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

Stats SA also provides a subscription service.

Electronic services

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

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

General enquiries

User information services	Telephone number: (012) 310 8600 Email address: info@statssa.gov.za
---------------------------	---

Orders/subscription services	Telephone number: (012) 310 8358 Email: magdaj@statssa.gov.za
------------------------------	---

Postal address	Private Bag X44, Pretoria, 0001
----------------	---------------------------------

Produced by Stats SA