



Statistics
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Statistical release

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PROPOSED LAYOUT

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Production: results for June 2015

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

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
Year-on-year % change, unadjusted	-2,4	-0,3	4,0	-2,2	-1,6	-0,4
Month-on-month % change, seasonally adjusted	-2,0	0,9	1,3	-2,3	-0,6	0,9
3-month % change, seasonally adjusted ¹	-0,3	-0,7	-0,5	0,1	-0,5	-1,2

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

Manufacturing production decreased by 0,4% in June 2015 compared with June 2014. The largest negative contributions to the year-on-year decrease in manufacturing production were made by the following divisions:

- petroleum, chemical products, rubber and plastic products (-4,9% and contributing -1,1 percentage points); and
- basic iron and steel, non-ferrous metal products, metal products and machinery (-3,4% and contributing -0,7 of a percentage point).

Large positive contributions were made by the following divisions:

- motor vehicles, parts and accessories and other transport equipment (10,4% and contributing 0,8 of a percentage point); and
- food and beverages (2,8% and contributing 0,7 of a percentage point) – see Tables 5 and 6.

Seasonally adjusted manufacturing production increased by 0,9% in June 2015 compared with May 2015. This followed month-on-month changes of -0,6% in May 2015 and -2,3% in April 2015 – see Table A.

Seasonally adjusted manufacturing production decreased by 1,2% in the second quarter of 2015 compared with the first quarter of 2015. Six of the ten manufacturing divisions reported negative growth rates over this period.

The main contributors to the 1,2% decrease were the basic iron and steel, non-ferrous metal products, metal products and machinery division (-4,4% and contributing -0,8 of a percentage point) and the petroleum, chemical products, rubber and plastic products division (-3,3% 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)	Jan – Mar 2015	Apr – Jun 2015	% change between Jan – Mar 2015 and Apr – Jun 2015	Contribution (% points) to the total % change
Food and beverages	24,44	112,3	112,1	-0,2	0,0
Meat, fish, fruit, etc.	5,39	118,6	118,4	-0,2	0,0
Dairy products	1,78	111,8	116,5	4,2	0,1
Grain mill products	2,86	104,1	104,3	0,2	0,0
Other food products	7,73	106,5	104,8	-1,6	-0,1
Beverages	6,68	117,5	117,6	0,1	0,0
Textiles, clothing, leather and footwear	3,17	98,2	94,9	-3,4	-0,1
Textiles	0,74	84,9	84,6	-0,4	0,0
Other textile products	0,47	97,8	93,4	-4,5	0,0
Knitted, crocheted articles	0,10	51,9	53,7	3,5	0,0
Wearing apparel	1,19	101,7	97,4	-4,2	0,0
Leather and leather products	0,28	121,7	126,4	3,9	0,0
Footwear	0,39	107,6	96,2	-10,6	0,0
Wood and wood products, paper, publishing and printing	12,65	102,1	103,9	1,8	0,2
Sawmilling and planing of wood	1,83	126,6	129,7	2,4	0,1
Products of wood	2,55	103,4	106,5	3,0	0,1
Paper and paper products	4,89	99,6	99,9	0,3	0,0
Publishing	1,51	92,1	95,3	3,5	0,0
Printing, recorded media	1,87	91,0	92,8	2,0	0,0
Petroleum, chemical products, rubber and plastic products	22,13	108,0	104,4	-3,3	-0,7
Coke, petroleum products and nuclear fuel	7,77	103,1	91,0	-11,7	-0,9
Basic chemicals	3,81	110,3	113,8	3,2	0,1
Other chemical products	6,49	117,4	117,2	-0,2	0,0
Rubber products	1,00	98,5	101,6	3,1	0,0
Plastic products	3,06	100,9	100,6	-0,3	0,0
Glass and non-metallic mineral products	3,91	97,7	98,4	0,7	0,0
Glass and glass products	0,78	92,3	91,1	-1,3	0,0
Non-metallic mineral products	3,13	99,0	100,3	1,3	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	105,7	101,1	-4,4	-0,8
Basic iron and steel products	3,38	101,2	87,0	-14,0	-0,4
Non-ferrous metal products	3,18	98,1	99,6	1,5	0,0
Structural metal products	1,89	81,8	80,7	-1,3	0,0
Other fabricated metal products	4,40	124,2	118,7	-4,4	-0,2
General purpose machinery	2,44	85,5	83,5	-2,3	0,0
Special purpose machinery	3,44	117,1	114,1	-2,6	-0,1
Household appliances	0,86	121,2	114,0	-5,9	-0,1
Electrical machinery	1,70	104,9	104,2	-0,7	0,0
Radio, television and communication apparatus and professional equipment	1,41	114,8	131,1	14,2	0,2
Radio, television and communication apparatus	0,90	118,6	145,2	22,4	0,2
Professional equipment	0,51	108,2	105,9	-2,1	0,0
Motor vehicles, parts and accessories and other transport equipment	7,39	114,4	115,5	1,0	0,1
Motor vehicles	2,98	139,0	145,5	4,7	0,2
Bodies for motor vehicles, trailers and semi-trailers	0,43	118,3	123,8	4,6	0,0
Parts and accessories	2,77	94,0	89,8	-4,5	-0,1
Other transport equipment	1,21	99,4	97,0	-2,4	0,0
Furniture and other manufacturing division	3,61	93,5	92,8	-0,7	0,0
Furniture	1,08	111,6	105,3	-5,6	-0,1
Other manufacturing groups	2,53	85,7	87,4	2,0	0,0
Total	100	107,1	105,8	-1,2	-1,2

Figure 1 – Volume of manufacturing production (Base: 2010=100)

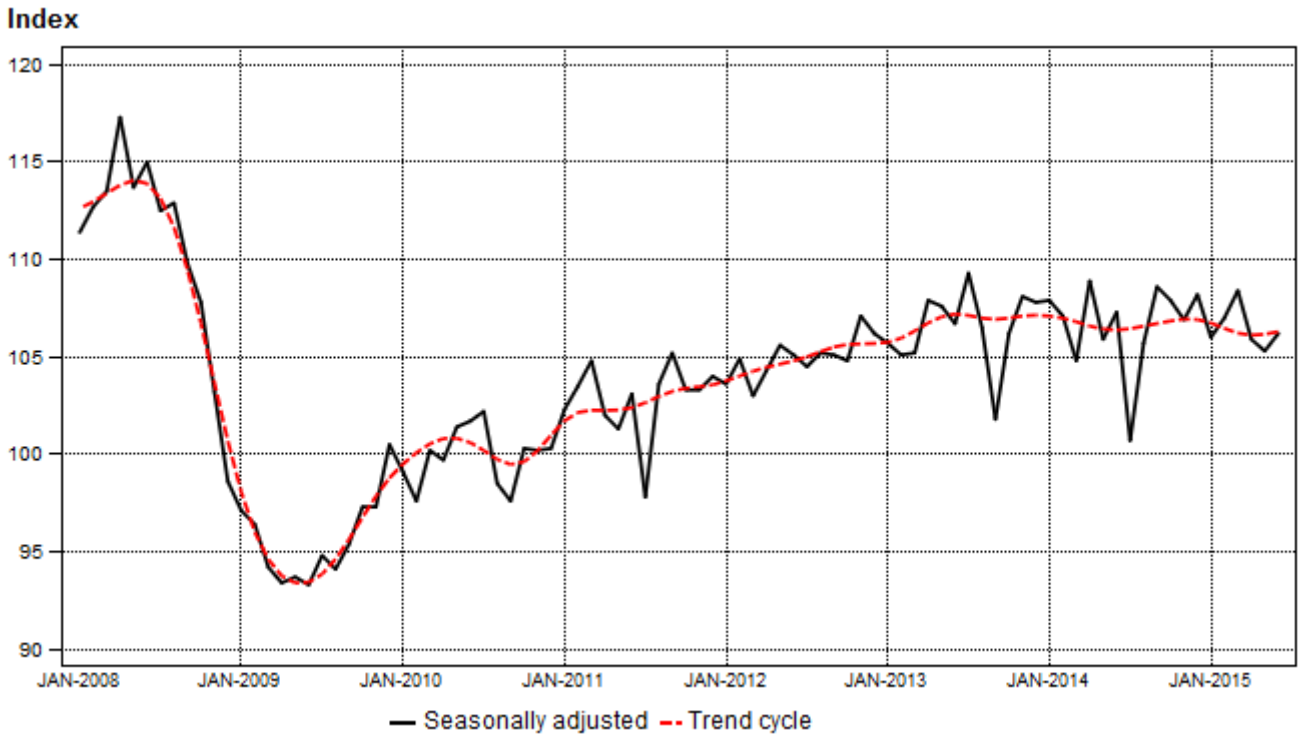
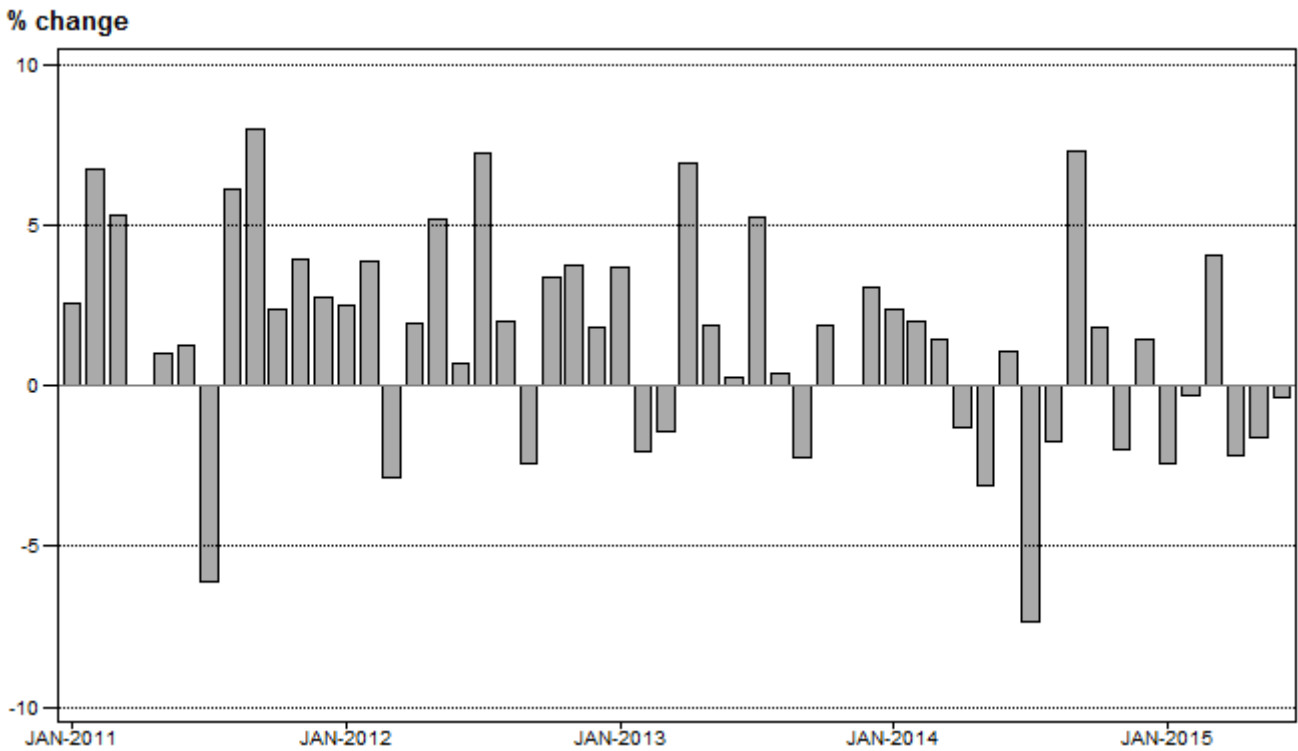


Figure 2 – Volume of manufacturing production (Base: 2010=100): year-on-year percentage change



Sales: results for June 2015

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

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

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

Seasonally adjusted manufacturing sales increased by 0,1% in June 2015 compared with May 2015. This followed month-on-month changes of 2,4% in May 2015 and -2,8% in April 2015 – see Table C.

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

Manufacturing division	Jan – Mar 2015 (R million)	Apr – Jun 2015 (R million)	% change between Jan – Mar 2015 and Apr – Jun 2015	Contribution (% points) to the total % change
Food and beverages	101 693	104 325	2,6	0,6
Textiles, clothing, leather and footwear	12 453	12 535	0,7	0,0
Wood and wood products, paper, publishing and printing	33 984	34 829	2,5	0,2
Petroleum, chemical products, rubber and plastic products	104 234	108 339	3,9	0,9
Glass and non-metallic mineral products	13 703	13 892	1,4	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	101 494	97 761	-3,7	-0,8
Electrical machinery	13 641	13 463	-1,3	0,0
Radio, television and communication apparatus and professional equipment	4 445	4 789	7,7	0,1
Motor vehicles, parts and accessories and other transport equipment	56 101	57 880	3,2	0,4
Furniture and other manufacturing division	14 705	14 404	-2,0	-0,1
Total	456 451	462 217	1,3	1,3

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Statistician-General

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	98,3
May	94,2	100,6	101,6	106,9	108,9	105,5	103,8
Jun	94,5	102,9	104,2	104,9	105,2	106,3	105,9
Jul	98,2	105,3	98,9	106,1	111,7	103,5	
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	-2,2	-0,1
May	6,8	1,0	5,2	1,9	-3,1	-1,6	-0,4
Jun	8,9	1,3	0,7	0,3	1,0	-0,4	-0,4
Jul	7,2	-6,1	7,3	5,3	-7,3		
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	105,7	107,9	106,0	-0,4	-0,5	0,1	-2,0
Feb	104,9	105,1	107,1	107,0	1,3	-0,6	-0,7	0,9
Mar	103,0	105,2	104,8	108,4	-1,8	0,1	-2,1	1,3
Apr	104,3	107,9	108,9	105,9	1,3	2,6	3,9	-2,3
May	105,6	107,6	105,9	105,3	1,2	-0,3	-2,8	-0,6
Jun	105,1	106,7	107,3	106,2	-0,5	-0,8	1,3	0,9
Jul	104,5	109,3	100,7		-0,6	2,4	-6,2	
Aug	105,2	106,5	105,7		0,7	-2,6	5,0	
Sep	105,1	101,8	108,6		-0,1	-4,4	2,7	
Oct	104,8	106,2	107,9		-0,3	4,3	-0,6	
Nov	107,1	108,1	106,9		2,2	1,8	-0,9	
Dec	106,2	107,8	108,2		-0,8	-0,3	1,2	

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

Manufacturing division and major group	Weight (2012)	Jan-15	Feb-15	Mar-15	¹ Apr-15	¹ May-15	¹ Jun-15
Food and beverages	24,44	95,4	101,5	110,5	104,5	107,8	109,9
Meat, fish, fruit, etc.	5,39	98,0	107,1	128,3	115,6	115,8	118,2
Dairy products	1,78	118,6	98,3	110,8	108,2	110,0	108,8
Grain mill products	2,86	94,6	93,1	108,9	98,0	102,0	108,1
Other food products	7,73	72,9	91,8	94,2	102,1	110,4	112,5
Beverages	6,68	113,7	112,7	115,7	100,1	100,1	101,4
Textiles, clothing, leather and footwear	3,17	71,0	99,1	104,6	92,6	97,3	89,7
Textiles	0,74	63,9	92,3	97,4	84,4	90,9	82,8
Other textile products	0,47	79,2	98,9	94,9	85,5	96,6	96,2
Knitted, crocheted articles	0,10	39,8	52,8	60,2	55,8	63,1	53,2
Wearing apparel	1,19	65,8	98,1	110,6	95,9	95,9	92,1
Leather and leather products	0,28	107,4	128,5	129,4	121,8	129,9	128,4
Footwear	0,39	72,2	106,0	104,6	95,0	100,1	69,5
Wood and wood products, paper, publishing and printing	12,65	87,5	97,1	105,6	93,1	99,9	104,6
Sawmilling and planing of wood	1,83	108,9	129,2	135,1	120,5	130,4	133,7
Products of wood	2,55	82,0	96,5	109,0	100,6	101,6	109,7
Paper and paper products	4,89	89,3	92,7	102,0	90,8	96,3	103,8
Publishing	1,51	77,0	87,3	94,0	79,0	85,3	89,1
Printing, recorded media	1,87	77,6	85,7	90,8	73,3	88,8	83,6
Petroleum, chemical products, rubber and plastic products	22,13	102,6	102,3	110,5	97,6	103,1	101,8
Coke, petroleum products and nuclear fuel	7,77	111,9	96,1	99,6	89,0	92,0	84,3
Basic chemicals	3,81	101,5	97,2	117,8	101,7	116,3	111,7
Other chemical products	6,49	102,7	115,3	121,1	106,5	111,8	116,3
Rubber products	1,00	90,6	102,2	115,3	94,8	109,3	109,3
Plastic products	3,06	83,9	96,8	105,0	96,5	94,3	100,9
Glass and non-metallic mineral products	3,91	75,2	92,5	97,2	94,8	101,4	101,4
Glass and glass products	0,78	79,3	87,5	83,4	80,7	85,2	85,0
Non-metallic mineral products	3,13	74,2	93,7	100,6	98,3	105,4	105,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	89,4	103,0	114,3	97,7	99,9	104,1
Basic iron and steel products	3,38	105,6	97,9	101,5	96,1	93,8	83,3
Non-ferrous metal products	3,18	94,2	93,2	102,7	100,9	96,6	99,2
Structural metal products	1,89	61,0	86,8	90,4	73,4	81,7	83,3
Other fabricated metal products	4,40	95,5	123,5	133,8	113,0	115,5	122,8
General purpose machinery	2,44	67,1	82,9	85,4	78,4	84,6	85,7
Special purpose machinery	3,44	86,5	111,5	142,4	100,1	107,1	125,5
Household appliances	0,86	115,0	114,3	129,9	112,9	111,5	120,8
Electrical machinery	1,70	78,9	100,4	115,5	91,2	105,2	118,2
Radio, television and communication apparatus and professional equipment	1,41	81,1	117,6	129,4	108,5	121,5	134,5
Radio, television and communication apparatus	0,90	85,4	125,1	129,5	116,2	127,1	145,3
Professional equipment	0,51	73,3	104,1	129,3	94,7	111,5	115,3
Motor vehicles, parts and accessories and other transport equipment	7,39	95,4	112,0	123,4	103,6	117,1	119,3
Motor vehicles	2,98	118,9	137,2	144,8	125,3	147,8	147,2
Bodies for motor vehicles, trailers and semi-trailers	0,43	79,2	113,5	128,6	120,9	125,6	134,2
Parts and accessories	2,77	81,0	92,6	101,4	88,6	92,7	86,4
Other transport equipment	1,21	76,4	94,1	119,3	78,3	94,1	120,4
Furniture and other manufacturing division	3,61	75,6	96,6	89,9	80,1	90,4	94,2
Furniture	1,08	72,3	103,0	100,3	99,3	101,7	107,4
Other manufacturing groups	2,53	77,1	94,0	85,5	71,9	85,5	88,6
Total	100	92,1	101,8	110,5	98,3	103,8	105,9

¹ 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	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
Food and beverages	-2,7	3,3	8,5	0,6	2,1	2,8
Meat, fish, fruit, etc.	-1,5	2,2	14,3	4,5	1,3	3,0
Dairy products	7,8	2,1	5,7	8,3	11,6	16,1
Grain mill products	-7,2	-3,5	4,0	-3,2	-4,0	-2,2
Other food products	-12,7	6,1	1,4	-6,4	5,5	1,0
Beverages	4,6	4,4	13,9	5,8	-1,3	4,1
Textiles, clothing, leather and footwear	-3,9	-0,5	6,5	-2,5	3,0	0,3
Textiles	-8,2	2,3	22,7	4,1	7,6	-0,8
Other textile products	9,4	-0,3	-3,7	-5,5	-3,9	3,1
Knitted, crocheted articles	-7,4	-22,4	-14,4	-17,5	-6,5	16,4
Wearing apparel	-9,4	-2,4	7,6	-1,4	3,2	-0,2
Leather and leather products	-8,0	2,6	-7,6	-4,5	8,7	5,8
Footwear	10,7	1,0	7,7	-8,4	0,1	-7,7
Wood and wood products, paper, publishing and printing	-0,9	-1,3	-2,2	-2,3	-1,5	1,6
Sawmilling and planing of wood	15,1	13,0	11,8	12,6	18,0	11,1
Products of wood	1,7	-0,7	10,2	3,3	5,2	9,4
Paper and paper products	-2,0	-2,4	-9,6	-3,2	-7,6	-1,1
Publishing	-15,3	-9,4	-15,6	-17,4	-11,8	-13,3
Printing, recorded media	-7,0	-9,6	-1,6	-13,5	-7,1	-0,8
Petroleum, chemical products, rubber and plastic products	-0,6	-2,2	5,6	-2,8	-4,7	-4,9
Coke, petroleum products and nuclear fuel	1,8	0,9	4,2	-11,4	-17,5	-21,4
Basic chemicals	-6,0	-9,7	5,9	-4,8	5,2	6,2
Other chemical products	5,5	4,2	10,5	6,6	4,6	4,6
Rubber products	-14,3	-17,2	-10,1	8,2	2,1	8,6
Plastic products	-9,0	-8,4	4,1	-1,4	-5,5	-1,7
Glass and non-metallic mineral products	-9,8	-3,6	-0,1	-0,4	-0,8	-0,7
Glass and glass products	-0,4	-11,7	3,2	9,8	8,4	1,9
Non-metallic mineral products	-12,1	-1,6	-0,8	-2,3	-2,5	-1,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	-0,2	0,2	1,7	-5,5	-6,4	-3,4
Basic iron and steel products	12,2	7,2	9,3	-2,1	-12,3	-12,7
Non-ferrous metal products	-11,6	-10,3	-8,1	-5,3	-14,2	-3,9
Structural metal products	-15,3	-4,1	1,8	-7,4	-1,9	-7,3
Other fabricated metal products	2,8	0,2	6,4	-5,3	-5,7	-6,5
General purpose machinery	-4,0	-6,2	-11,4	-8,6	0,6	-6,2
Special purpose machinery	3,7	11,2	7,1	-3,8	3,1	8,0
Household appliances	3,7	-3,2	-6,1	-13,3	-13,5	13,5
Electrical machinery	-1,5	-3,0	-0,5	-7,0	3,6	3,4
Radio, television and communication apparatus and professional equipment	-31,8	-2,8	-8,7	-16,2	-13,9	-2,5
Radio, television and communication apparatus	-39,0	-5,3	-16,7	-21,3	-23,2	-3,5
Professional equipment	-10,0	2,9	10,3	-2,3	14,4	-0,3
Motor vehicles, parts and accessories and other transport equipment	-3,1	0,7	13,2	3,7	8,9	10,4
Motor vehicles	2,1	3,5	22,4	8,5	18,1	11,0
Bodies for motor vehicles, trailers and semi-trailers	3,8	3,2	19,7	17,5	7,6	16,7
Parts and accessories	-6,9	-4,7	1,8	-0,7	-3,9	-3,2
Other transport equipment	-13,8	2,8	10,4	-7,6	9,3	36,7
Furniture and other manufacturing division	-8,4	-6,2	-8,0	-4,1	-3,2	-5,3
Furniture	0,4	0,7	-2,1	-8,9	-13,7	-9,1
Other manufacturing groups	-11,3	-9,1	-10,6	-1,0	3,1	-3,1
Total	-2,4	-0,3	4,0	-2,2	-1,6	-0,4

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

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)	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Month-on-month % change
Food and beverages	24,44	113,3	113,0	111,9	111,2	113,2	1,8
Meat, fish, fruit, etc.	5,39	117,7	119,9	119,7	117,4	118,0	0,5
Dairy products	1,78	107,5	112,5	114,8	117,2	117,6	0,3
Grain mill products	2,86	104,1	104,2	103,9	103,6	105,5	1,8
Other food products	7,73	112,9	107,3	102,8	104,3	107,3	2,9
Beverages	6,68	115,6	118,1	118,9	115,8	118,2	2,1
Textiles, clothing, leather and footwear	3,17	96,4	100,9	94,9	96,7	93,1	-3,7
Textiles	0,74	82,9	90,7	85,3	87,7	80,7	-8,0
Other textile products	0,47	95,3	93,0	91,3	93,3	95,6	2,5
Knitted, crocheted articles	0,10	48,4	52,1	52,8	54,2	54,1	-0,2
Wearing apparel	1,19	100,1	107,4	97,3	98,3	96,6	-1,7
Leather and leather products	0,28	122,1	121,6	125,1	129,3	124,8	-3,5
Footwear	0,39	105,5	107,3	98,6	100,3	89,8	-10,5
Wood and wood products, paper, publishing and printing	12,65	102,3	103,9	103,6	102,9	105,3	2,3
Sawmilling and planing of wood	1,83	130,0	128,2	127,1	130,7	131,3	0,5
Products of wood	2,55	102,3	106,9	107,0	103,8	108,6	4,6
Paper and paper products	4,89	99,9	98,9	101,1	98,2	100,3	2,1
Publishing	1,51	94,2	95,2	93,0	96,3	96,6	0,3
Printing, recorded media	1,87	88,2	95,9	90,8	91,9	95,6	4,0
Petroleum, chemical products, rubber and plastic products	22,13	106,6	108,1	105,4	104,8	103,0	-1,7
Coke, petroleum products and nuclear fuel	7,77	103,6	98,8	93,4	92,0	87,6	-4,8
Basic chemicals	3,81	105,0	118,0	111,1	117,8	112,4	-4,6
Other chemical products	6,49	116,7	116,6	118,0	117,4	116,3	-0,9
Rubber products	1,00	91,2	104,0	100,5	100,9	103,3	2,4
Plastic products	3,06	99,5	102,6	103,4	96,0	102,4	6,7
Glass and non-metallic mineral products	3,91	100,5	97,7	98,7	99,2	97,4	-1,8
Glass and glass products	0,78	92,0	93,1	91,6	93,3	88,5	-5,1
Non-metallic mineral products	3,13	102,6	98,8	100,5	100,7	99,6	-1,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,59	105,4	106,8	102,1	99,2	101,9	2,7
Basic iron and steel products	3,38	100,7	97,3	93,1	84,4	83,4	-1,2
Non-ferrous metal products	3,18	98,3	98,9	102,5	93,7	102,7	9,6
Structural metal products	1,89	82,2	88,6	77,9	83,6	80,5	-3,7
Other fabricated metal products	4,40	122,8	128,7	120,4	115,8	120,0	3,6
General purpose machinery	2,44	87,1	83,6	84,2	83,0	83,3	0,4
Special purpose machinery	3,44	117,7	118,7	110,1	115,2	117,1	1,6
Household appliances	0,86	115,5	120,6	114,4	110,3	117,4	6,4
Electrical machinery	1,70	104,1	104,5	98,8	104,3	109,5	5,0
Radio, television and communication apparatus and professional equipment	1,41	113,3	129,8	123,7	130,2	139,3	7,0
Radio, television and communication apparatus	0,90	116,8	137,1	138,2	141,1	156,4	10,8
Professional equipment	0,51	107,0	116,7	97,9	110,8	108,9	-1,7
Motor vehicles, parts and accessories and other transport equipment	7,39	113,5	118,6	114,1	117,3	115,0	-2,0
Motor vehicles	2,98	138,5	140,0	143,6	150,2	142,8	-4,9
Bodies for motor vehicles, trailers and semi-trailers	0,43	115,9	124,4	122,1	120,8	128,6	6,5
Parts and accessories	2,77	92,2	98,2	92,5	89,8	87,2	-2,9
Other transport equipment	1,21	100,1	110,4	87,9	98,0	105,2	7,3
Furniture and other manufacturing division	3,61	93,2	93,4	94,6	90,6	93,2	2,9
Furniture	1,08	110,7	110,9	107,6	101,7	106,7	4,9
Other manufacturing groups	2,53	85,8	85,9	89,1	85,8	87,4	1,9
Total	100	107,0	108,4	105,9	105,3	106,2	0,9

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

Month	2009	2010	2011	2012	2013	2014	2015 ¹
Jan	89 412	90 044	95 914	107 126	116 497	130 318	129 383
Feb	101 390	101 803	111 505	125 726	131 667	146 263	143 301
Mar	109 742	115 313	126 115	133 201	137 659	151 400	161 396
Apr	93 988	101 813	108 003	117 398	133 363	143 701	141 839
May	100 540	109 347	117 550	130 162	141 171	148 218	152 699
Jun	102 183	113 715	122 066	130 686	139 192	156 153	157 820
Jul	103 853	112 863	112 901	127 524	146 281	146 085	
Aug	104 831	110 603	124 734	134 271	143 904	156 425	
Sep	109 100	113 247	133 014	131 703	140 281	162 202	
Oct	114 517	121 672	133 668	144 306	156 177	175 257	
Nov	116 693	126 495	139 068	153 074	162 115	170 419	
Dec	99 259	104 539	117 666	123 593	140 401	147 995	
Total	1 245 508	1 321 454	1 442 204	1 558 770	1 688 708	1 834 436	

¹ The latest three months are preliminary.

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	6,5	11,7	8,7	11,9	-0,7	-0,7
Feb	0,4	9,5	12,8	4,7	11,1	-2,0	-1,4
Mar	5,1	9,4	5,6	3,3	10,0	6,6	1,4
Apr	8,3	6,1	8,7	13,6	7,8	-1,3	0,7
May	8,8	7,5	10,7	8,5	5,0	3,0	1,2
Jun	11,3	7,3	7,1	6,5	12,2	1,1	1,2
Jul	8,7	0,0	13,0	14,7	-0,1		
Aug	5,5	12,8	7,6	7,2	8,7		
Sep	3,8	17,5	-1,0	6,5	15,6		
Oct	6,2	9,9	8,0	8,2	12,2		
Nov	8,4	9,9	10,1	5,9	5,1		
Dec	5,3	12,6	5,0	13,6	5,4		
Total	6,1	9,1	8,1	8,3	8,6		

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	126 424	135 243	150 368	151 033	-0,5	1,3	0,9	-3,0
Feb	128 177	137 032	152 231	149 443	1,4	1,3	1,2	-1,1
Mar	127 232	137 158	147 161	155 975	-0,7	0,1	-3,3	4,4
Apr	127 292	138 553	153 705	151 553	0,0	1,0	4,4	-2,8
May	129 583	140 552	149 122	155 220	1,8	1,4	-3,0	2,4
Jun	129 013	139 219	155 114	155 444	-0,4	-0,9	4,0	0,1
Jul	127 634	145 472	145 050		-1,1	4,5	-6,5	
Aug	130 249	140 977	154 533		2,0	-3,1	6,5	
Sep	128 631	136 029	156 016		-1,2	-3,5	1,0	
Oct	131 960	142 701	160 166		2,6	4,9	2,7	
Nov	135 767	145 412	154 754		2,9	1,9	-3,4	
Dec	133 538	149 054	155 733		-1,6	2,5	0,6	

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

Manufacturing division and major group	Jan-15	Feb-15	Mar-15	¹ Apr-15	¹ May-15	¹ Jun-15
Food and beverages	29 973	30 847	34 486	32 268	32 858	33 779
Meat, fish, fruit, etc.	7 500	7 994	9 823	8 721	8 956	9 320
Dairy products	3 069	2 685	3 184	3 009	3 069	3 063
Grain mill products	4 714	4 675	5 601	5 075	5 355	5 632
Other food products	6 068	6 666	6 246	7 219	7 014	7 081
Beverages	8 622	8 827	9 631	8 244	8 463	8 683
Textiles, clothing, leather and footwear	3 036	3 968	4 456	4 084	4 294	4 152
Textiles	421	555	615	555	578	559
Other textile products	808	1 018	1 077	1 009	1 084	1 079
Knitted, crocheted articles	147	191	208	206	224	191
Wearing apparel	927	1 276	1 563	1 387	1 461	1 320
Leather and leather products	484	600	572	565	590	623
Footwear	249	328	422	362	356	380
Wood and wood products, paper, publishing and printing	9 430	10 799	11 893	10 235	10 930	11 816
Sawmilling and planing of wood	806	1 023	976	944	1 023	1 035
Products of wood	1 233	1 454	1 679	1 543	1 571	1 667
Paper and paper products	4 398	4 908	5 631	4 713	5 025	5 695
Publishing	1 270	1 484	1 549	1 339	1 414	1 493
Printing, recorded media	1 724	1 930	2 058	1 697	1 897	1 925
Petroleum, chemical products, rubber and plastic products	31 273	31 176	36 110	33 655	36 774	36 099
Coke, petroleum products and nuclear fuel	12 685	11 437	13 418	13 338	15 264	14 291
Basic chemicals	6 552	5 985	7 227	6 761	7 440	7 021
Other chemical products	7 343	8 277	9 498	8 260	8 663	9 085
Rubber products	1 092	1 380	1 568	1 287	1 392	1 442
Plastic products	3 601	4 098	4 398	4 009	4 016	4 261
Glass and non-metallic mineral products	3 398	4 357	4 688	4 296	4 646	4 810
Glass and glass products	639	736	695	695	733	816
Non-metallic mineral products	2 759	3 621	3 993	3 602	3 914	3 994
Basic iron and steel, non-ferrous metal products, metal products and machinery	28 181	32 773	37 380	30 258	33 206	34 568
Basic iron and steel products	10 041	9 651	11 632	8 636	9 976	9 823
Non-ferrous metal products	6 336	7 134	7 622	6 914	7 232	7 346
Structural metal products	2 024	3 008	3 282	2 552	2 936	3 060
Other fabricated metal products	3 973	5 121	5 672	5 011	5 318	5 420
General purpose machinery	2 160	2 733	2 804	2 522	2 803	3 144
Special purpose machinery	2 950	4 150	5 325	3 802	4 067	4 782
Household appliances	696	977	1 043	820	875	994
Electrical machinery	3 459	4 677	5 156	3 864	4 287	5 223
Radio, television and communication apparatus and professional equipment	1 061	1 454	1 663	1 320	1 492	1 622
Radio, television and communication apparatus	542	801	890	683	780	902
Professional equipment	519	652	773	637	713	719
Motor vehicles, parts and accessories and other transport equipment	15 840	18 349	20 845	17 031	19 479	20 985
Motor vehicles	8 692	10 043	11 552	9 115	11 031	11 765
Bodies for motor vehicles, trailers and semi-trailers	522	785	870	819	844	876
Parts and accessories	5 188	5 743	6 129	5 578	5 765	5 984
Other transport equipment	1 438	1 777	2 294	1 518	1 839	2 360
Furniture and other manufacturing division	3 732	4 903	4 720	4 827	4 733	4 766
Furniture	862	1 229	1 226	1 225	1 307	1 344
Other manufacturing groups	2 870	3 674	3 494	3 602	3 426	3 422
Total	129 383	143 301	161 396	141 839	152 699	157 820

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	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
Food and beverages	6,2	3,6	13,9	5,0	5,9	7,9
Meat, fish, fruit, etc.	4,0	4,4	18,2	5,6	2,7	5,0
Dairy products	16,5	11,0	19,0	13,0	15,8	18,6
Grain mill products	-6,0	-4,1	4,3	-5,0	-2,6	0,2
Other food products	7,2	3,8	4,9	5,4	9,4	9,4
Beverages	11,8	4,9	20,7	8,2	9,5	12,1
Textiles, clothing, leather and footwear	2,2	0,3	6,0	1,0	3,8	7,9
Textiles	1,0	3,2	15,4	8,6	3,8	2,9
Other textile products	8,2	-0,9	8,8	-1,2	0,3	6,3
Knitted, crocheted articles	-7,5	-13,2	-18,4	-10,8	-5,9	19,4
Wearing apparel	1,3	-1,5	9,2	3,4	8,0	4,8
Leather and leather products	-3,8	7,9	-9,1	-1,9	6,5	9,9
Footwear	8,7	2,5	15,0	-0,5	0,3	25,8
Wood and wood products, paper, publishing and printing	2,4	4,5	3,5	4,9	1,4	5,2
Sawmilling and planing of wood	11,8	20,8	0,3	23,1	27,4	9,8
Products of wood	3,5	0,7	16,0	1,2	7,3	4,5
Paper and paper products	6,0	6,5	6,3	8,1	1,0	8,6
Publishing	-10,8	-1,2	-11,1	-7,4	-6,0	-8,2
Printing, recorded media	0,1	-0,2	1,5	2,2	-6,7	5,7
Petroleum, chemical products, rubber and plastic products	-12,6	-12,4	-0,2	-7,6	0,1	-3,8
Coke, petroleum products and nuclear fuel	-23,5	-21,5	-11,5	-19,3	-3,9	-11,1
Basic chemicals	-10,5	-24,6	0,2	-5,7	-0,7	-5,7
Other chemical products	5,7	13,1	18,3	11,3	11,0	10,4
Rubber products	-14,6	-9,6	-7,9	5,1	0,9	0,7
Plastic products	-1,9	-3,3	7,5	-1,1	-3,4	-1,6
Glass and non-metallic mineral products	-4,5	-0,6	8,9	-4,7	0,1	-1,3
Glass and glass products	-2,0	-0,8	11,0	5,5	11,1	3,6
Non-metallic mineral products	-5,1	-0,6	8,6	-6,4	-1,7	-2,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	2,3	1,6	9,4	-4,0	-0,2	-3,9
Basic iron and steel products	1,6	-3,6	13,0	-16,9	-6,1	-16,5
Non-ferrous metal products	5,4	1,9	8,8	6,4	-1,9	-4,7
Structural metal products	-11,8	0,9	10,9	-0,6	9,4	1,3
Other fabricated metal products	7,0	2,5	13,6	2,5	2,5	-0,1
General purpose machinery	2,7	1,0	-9,2	-1,6	6,3	5,9
Special purpose machinery	4,2	11,5	10,6	0,5	7,4	15,0
Household appliances	-0,7	17,6	3,6	-0,4	-10,5	7,9
Electrical machinery	5,1	-1,6	8,4	-2,2	4,5	4,0
Radio, television and communication apparatus and professional equipment	-22,2	-6,5	-6,3	-12,8	-13,4	0,6
Radio, television and communication apparatus	-36,2	-13,1	-14,0	-24,4	-25,9	1,0
Professional equipment	1,0	3,0	4,6	4,6	6,4	0,0
Motor vehicles, parts and accessories and other transport equipment	7,7	-2,3	7,6	3,6	15,0	5,9
Motor vehicles	11,6	-8,6	2,9	0,4	20,6	-1,9
Bodies for motor vehicles, trailers and semi-trailers	4,8	6,1	13,1	13,1	5,1	7,4
Parts and accessories	8,0	7,0	14,4	10,5	7,5	11,8
Other transport equipment	-10,7	5,5	13,8	-4,8	13,3	41,7
Furniture and other manufacturing division	1,8	0,7	-2,8	0,0	-3,2	-3,8
Furniture	10,1	10,3	9,8	-0,4	-2,1	-1,0
Other manufacturing groups	-0,5	-2,1	-6,6	0,1	-3,6	-4,8
Total	-0,7	-2,0	6,6	-1,3	3,0	1,1

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

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

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

Manufacturing division and major group	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Month-on-month % change
Food and beverages	33 303	34 523	34 606	34 786	34 933	0,4
Meat, fish, fruit, etc.	9 036	9 320	9 277	9 128	9 234	1,2
Dairy products	2 916	3 121	3 133	3 224	3 245	0,7
Grain mill products	5 212	5 329	5 252	5 345	5 403	1,1
Other food products	7 178	6 933	7 237	7 138	7 237	1,4
Beverages	8 961	9 821	9 707	9 952	9 814	-1,4
Textiles, clothing, leather and footwear	4 037	4 253	4 162	4 188	4 185	-0,1
Textiles	527	548	553	549	544	-0,9
Other textile products	1 013	1 050	1 035	1 035	1 052	1,6
Knitted, crocheted articles	184	185	184	192	185	-3,6
Wearing apparel	1 355	1 496	1 423	1 458	1 409	-3,4
Leather and leather products	578	552	575	579	597	3,1
Footwear	380	421	391	374	398	6,4
Wood and wood products, paper, publishing and printing	11 424	11 458	11 714	11 387	11 728	3,0
Sawmilling and planing of wood	1 040	949	1 003	1 029	1 015	-1,4
Products of wood	1 546	1 614	1 647	1 620	1 607	-0,8
Paper and paper products	5 265	5 273	5 371	5 201	5 376	3,4
Publishing	1 580	1 546	1 548	1 538	1 549	0,7
Printing, recorded media	1 993	2 077	2 144	1 999	2 181	9,1
Petroleum, chemical products, rubber and plastic products	34 066	35 799	35 416	37 057	35 866	-3,2
Coke, petroleum products and nuclear fuel	12 994	13 814	13 354	14 881	14 058	-5,5
Basic chemicals	6 587	7 267	7 355	7 518	7 180	-4,5
Other chemical products	8 840	9 020	9 010	9 107	9 007	-1,1
Rubber products	1 317	1 352	1 379	1 376	1 342	-2,5
Plastic products	4 329	4 345	4 319	4 175	4 279	2,5
Glass and non-metallic mineral products	4 616	4 595	4 671	4 679	4 542	-2,9
Glass and glass products	789	810	819	821	803	-2,2
Non-metallic mineral products	3 827	3 785	3 852	3 857	3 739	-3,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	33 098	35 105	31 858	33 000	32 903	-0,3
Basic iron and steel products	9 508	11 122	8 729	9 363	9 165	-2,1
Non-ferrous metal products	7 316	7 532	7 285	7 221	7 144	-1,1
Structural metal products	2 861	3 091	2 692	3 014	2 947	-2,2
Other fabricated metal products	5 228	5 349	5 320	5 318	5 227	-1,7
General purpose machinery	2 888	2 755	2 778	2 792	2 932	5,0
Special purpose machinery	4 327	4 334	4 195	4 420	4 559	3,1
Household appliances	970	922	860	871	930	6,8
Electrical machinery	4 509	4 576	4 230	4 441	4 792	7,9
Radio, television and communication apparatus and professional equipment	1 453	1 613	1 515	1 611	1 663	3,2
Radio, television and communication apparatus	765	915	822	908	978	7,7
Professional equipment	688	698	693	703	685	-2,6
Motor vehicles, parts and accessories and other transport equipment	18 098	19 169	18 488	19 280	20 112	4,3
Motor vehicles	9 786	10 684	10 136	10 891	11 318	3,9
Bodies for motor vehicles, trailers and semi-trailers	809	842	837	849	851	0,2
Parts and accessories	5 617	5 558	5 831	5 656	5 886	4,1
Other transport equipment	1 886	2 084	1 684	1 883	2 056	9,2
Furniture and other manufacturing division	4 840	4 885	4 892	4 791	4 721	-1,5
Furniture	1 345	1 370	1 328	1 318	1 309	-0,7
Other manufacturing groups	3 495	3 515	3 564	3 473	3 412	-1,8
Total	149 443	155 975	151 553	155 220	155 444	0,1

Annexure A – Comparison between the old and new layouts

Old layout	New layout
Summary tables, graphs and text:	
<p>Table A (production and sales)</p> <ul style="list-style-type: none"> • Latest production index numbers and sales values • Variety of growth rates (only the latest shown) <p><i>Note: For production see new Table A, and for sales at current prices see new Table C.</i></p>	<p>Table A (production)</p> <ul style="list-style-type: none"> • y/y % change • m/m % change (seasonally adjusted) • 3m/3m % change (seasonally adjusted) • Latest 6 months <p><i>Note: For production index numbers see new Table 1 (actual) and new Table 3 (seasonally adjusted).</i></p>
<p>Table B (production)</p> <ul style="list-style-type: none"> • Breakdown (by division / major group), seasonally adjusted • 3-month averages (index) • 3m/3m % change and %-point contribution 	<p>Table B (production)</p> <ul style="list-style-type: none"> • Breakdown (by division / major group), seasonally adjusted • 3-month averages (index) • 3m/3m % change and %-point contribution
<p>Figure 1 (production)</p> <ul style="list-style-type: none"> • Seasonally adjusted index of production, and the trend 	<p>Figure 1 (production)</p> <ul style="list-style-type: none"> • Seasonally adjusted index of production, and the trend
	<p>Figure 2 (production)</p> <ul style="list-style-type: none"> • y/y % change
<p>Table C (sales at current prices)</p> <ul style="list-style-type: none"> • Breakdown, seasonally adjusted • 3-month totals (R'000) • 3m/3m % change and difference (R'000) <p><i>Note: See new Table D (less detail).</i></p>	<p>Table C (sales at current prices)</p> <ul style="list-style-type: none"> • y/y % change • m/m % change (seasonally adjusted) • 3m/3m % change (seasonally adjusted) • Latest 6 months <p><i>Note: For sales values see new Table 8 (actual) and new Table 10 (seasonally adjusted).</i></p>
<p>Figure 2 (sales)</p> <ul style="list-style-type: none"> • Seasonally adjusted sales in current prices, and the trend 	<p>Table D (sales at current prices)</p> <ul style="list-style-type: none"> • Breakdown (but less detail), seasonally adjusted • 3-month totals (Rm) • 3m/3m % change and %-point contribution
	<p><i>Note: Graph of sales discontinued.</i></p>

Old layout	New layout
Detailed tables:	
<p>Table 1 (production)</p> <ul style="list-style-type: none"> Index of the volume of manufacturing production 	<p>Table 1 (production)</p> <ul style="list-style-type: none"> Index of the volume of manufacturing production
<p>Table 2 (production)</p> <ul style="list-style-type: none"> y/y % change in the volume of manufacturing production 	<p>Table 2 (production)</p> <ul style="list-style-type: none"> y/y % change in the volume of manufacturing production
<p>Table 3 (production)</p> <ul style="list-style-type: none"> Seasonally adjusted index of the volume of manufacturing production 	<p>Table 3 (production)</p> <ul style="list-style-type: none"> Seasonally adjusted index of the volume of manufacturing production m/m % change
<p>Table 4a (production)</p> <ul style="list-style-type: none"> Breakdown Average for previous year, latest 2 months and year ago (index) Breakdown, seasonally adjusted Latest 2 months and year ago (index) 	<p>Table 4 (production)</p> <ul style="list-style-type: none"> Breakdown Latest 6 months (index) <p><i>Note: See new Table 5 for y/y % change (latest 6 months).</i></p>
<p>Table 4b (production)</p> <ul style="list-style-type: none"> Breakdown Average for previous year and latest month and year ago (index) Latest y/y % change <p><i>Note: For actual index and y/y % change see new Tables 4 and 5 respectively.</i></p> <ul style="list-style-type: none"> Breakdown, seasonally adjusted Latest 2 months (index) Latest m/m % change <p><i>Note: For seasonally adjusted index and latest m/m % change see new Table 7.</i></p>	<p>Table 5 (production)</p> <ul style="list-style-type: none"> Breakdown y/y % change for individual months Latest 6 months
<p>Table 5 (sales at current prices)</p> <ul style="list-style-type: none"> Manufacturing sales <p>Note: For sales at current prices see new Table 8.</p>	<p>Table 6 (production)</p> <ul style="list-style-type: none"> Breakdown %-point contribution to y/y % change Latest 6 months <p>Note: New table.</p>
<p>Table 6 (sales at current prices)</p> <ul style="list-style-type: none"> y/y % change in manufacturing sales <p>Note: For y/y % change see new Table 9.</p>	<p>Table 7 (production)</p> <ul style="list-style-type: none"> Breakdown, seasonally adjusted Latest 5 months (index) Latest m/m % change

Old layout	New layout
<p>Table 7 (sales at current prices)</p> <ul style="list-style-type: none"> Seasonally adjusted manufacturing sales <p><i>Note: For seasonally adjusted sales see new Table 10.</i></p>	<p>Table 8 (sales at current prices)</p> <ul style="list-style-type: none"> Manufacturing sales
<p>Table 8a (sales at current prices)</p> <ul style="list-style-type: none"> Breakdown Total for previous year, latest 2 months and year ago (R'000) Breakdown, seasonally adjusted Latest 2 months and year ago (R'000) 	<p>Table 9 (sales at current prices)</p> <ul style="list-style-type: none"> y/y % change in manufacturing sales
<p>Table 8b (sales at current prices)</p> <ul style="list-style-type: none"> Breakdown Total for previous year, latest month and year ago (R'000) Latest y/y % change <p><i>Note: For actual sales and y/y % change see new Tables 11 and 12 respectively</i></p> <ul style="list-style-type: none"> Breakdown, seasonally adjusted Latest 2 months (R'000) Latest m/m % change <p><i>Note: For seasonal adjusted sales and latest m/m % change see new Table 14.</i></p>	<p>Table 10 (sales at current prices)</p> <ul style="list-style-type: none"> Seasonally adjusted manufacturing sales m/m % change
<p>Table 9 (production and sales)</p> <ul style="list-style-type: none"> 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) <p><i>Note: Annual % change for 3-month averages and 3-month totals discontinued.</i></p>	<p>Table 11 (sales at current prices)</p> <ul style="list-style-type: none"> Breakdown Latest 6 months (Rm) <p><i>Note: See new Table 12 for y/y % change (latest 6 months).</i></p>

Old layout	New layout
<p>Table 10 (production and sales at current prices)</p> <ul style="list-style-type: none"> • Breakdown, production • Cumulative (year-to-date) averages (index) • y/y % change (based on cumulative averages) • %-point contribution to y/y % change <p><i>Note: Annual % change for cumulative averages and contributions to y/y % change discontinued (except total y/y % change – see new Table 2).</i></p> <ul style="list-style-type: none"> • Breakdown, sales • Cumulative (year-to-date) totals (R'000) • y/y % change (based on cumulative totals) • Difference (R'000) <p><i>Note: Annual % change and difference for cumulative totals discontinued (except total y/y % change – see new Table 9).</i></p>	<p>Table 12 (sales at current prices)</p> <ul style="list-style-type: none"> • Breakdown • y/y % change for individual months • Latest 6 months
	<p>Table 13 (sales at current prices)</p> <ul style="list-style-type: none"> • Breakdown • %-point contribution to y/y % change • Latest 6 months <p><i>Note: New table</i></p>
	<p>Table 14 (sales at current prices)</p> <ul style="list-style-type: none"> • 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 *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 for June 2015 was 89,7%. The improved collection rate for May 2015 was 92,0%.
- 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 3 000 enterprises from a population of 45 405 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 2011 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	0	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 E – 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
Other manufacturing divisions	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 *System of National Accounts (SNA)* in the same way as in the *1993 Standard Industrial Classification of all Economic Activities*, 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

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