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Key figures for August 2011

Table A – Manufacturing production and sales

Estimates	August 2011	% change between August 2010 and August 2011	% change between June to August 2010 and June to August 2011	% change between January to August 2010 and January to August 2011
Physical volume of manufacturing production index (base: 2005=100)	107,4	5,6	0,1	1,9
Total estimated sales of manufactured products (R million)	119 381	12,3	6,6	7,6

Seasonally adjusted estimates	August 2011	% change between July and August 2011	% change between March to May 2011 and June to August 2011
Physical volume of manufacturing production index (base: 2005=100)	104,5	7,6	-1,9
Total value of sales of manufactured products (R million)	116 376	9,4	-1,6

Manufacturing production for August 2011 increased by 5,6% compared with August 2010, recovering from the revised negative growth of 6,2% recorded in July 2011.

The 5,6% year-on-year increase in manufacturing production for August 2011 was mainly due to higher production in the motor vehicles, parts and accessories and other transport equipment division (40,9% and contributing 3,7 percentage points), the food and beverages division (8,7% and contributing 1,5 percentage points), the furniture and 'other' manufacturing division (11,4% and contributing 0,5 of a percentage point) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (2,0% and contributing 0,4 of a percentage point) (see Table 4b).

Seasonally adjusted manufacturing production for the three months ended August 2011 decreased by 1,9% compared with the previous three months ended May 2011. Five of the ten manufacturing divisions reported negative growth rates over this period.

The decrease was mainly driven by lower production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (-9,5% and contributing -2,0 percentage points), the petroleum, chemical products, rubber and plastic products division (-3,5% and contributing -0,9 of a percentage point) and the wood and wood products, paper, publishing and printing division (-3,0% and contributing -0,3 of a percentage point).

However, these decreases were partially counteracted by increases reported by the motor vehicles, parts and accessories and other transport equipment division (7,0% and contributing 0,7 of a percentage point), the food and beverages division (2,5% and contributing 0,4 of a percentage point) and the glass and non-metallic mineral products division (3,0% and contributing 0,1 of a percentage point) (see Table B).

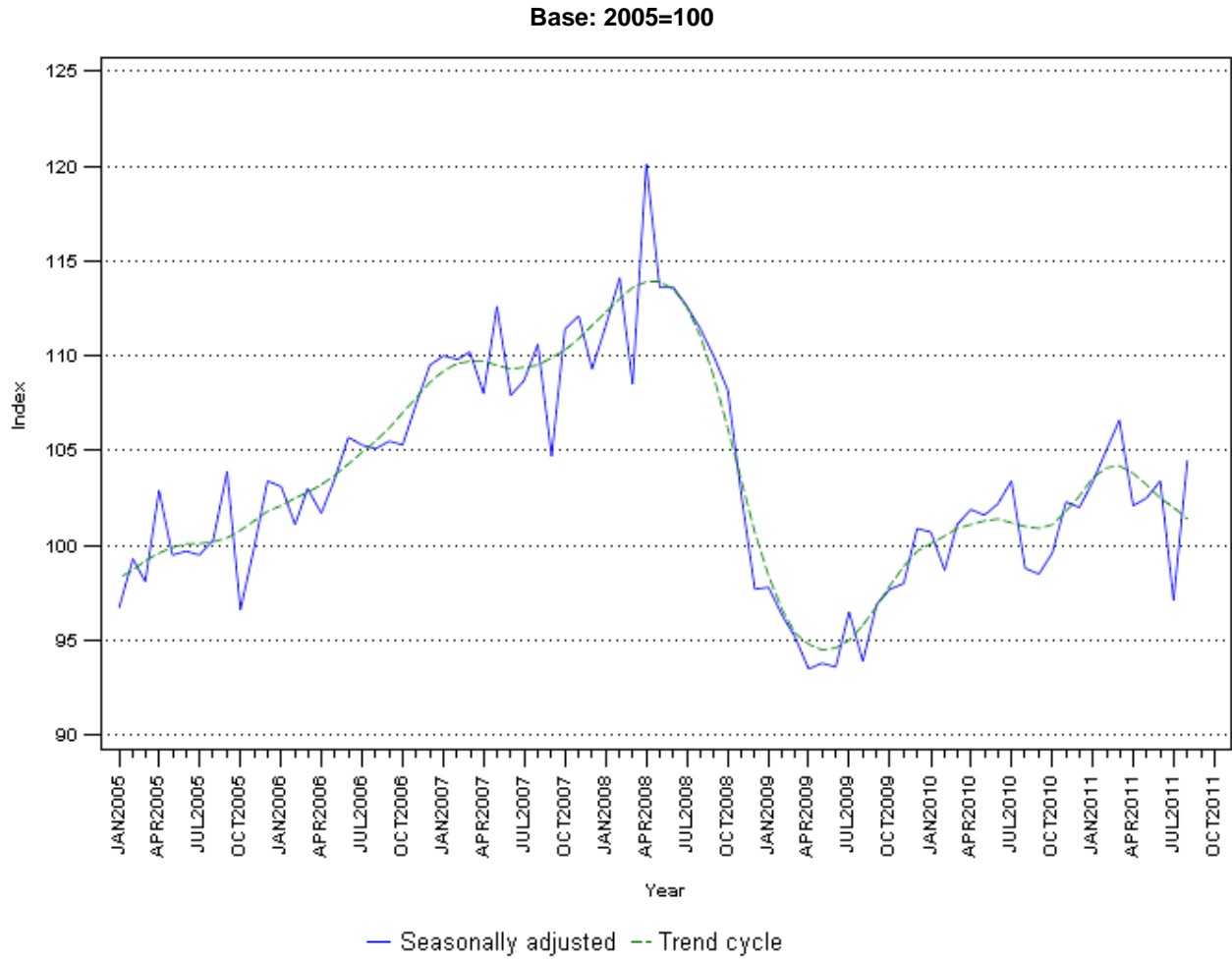
Table B – Contribution of manufacturing divisions and major groups to the total three-monthly seasonally adjusted manufacturing production

Base: 2005=100

Manufacturing divisions and major groups	Percentage contribution to total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2005	Average seasonally adjusted production index for March to May 2011	Average seasonally adjusted production index for June to August 2011	Quarterly percentage change of June to August 2011 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and beverages	15,4	115,5	118,4	2,5	0,4
-Meat, fish, fruit, etc.	1,8	116,6	122,2	4,8	0,1
-Dairy products	0,8	117,0	113,8	-2,7	0,0
-Grain mill products	0,8	106,5	108,3	1,7	0,0
-Other food products	5,2	113,5	115,8	2,0	0,1
-Beverages	6,8	117,6	121,1	3,0	0,2
Textiles, clothing, leather and footwear	4,9	81,3	82,1	1,0	0,0
-Textiles	1,6	65,7	66,5	1,2	0,0
-Wearing apparel	2,3	84,2	85,8	1,9	0,0
-Leather and leather products	0,6	94,3	90,3	-4,2	0,0
-Footwear	0,4	104,4	108,2	3,6	0,0
Wood and wood products, paper, publishing and printing	10,2	95,4	92,5	-3,0	-0,3
-Wood and products of wood	2,0	86,0	86,3	0,3	0,0
-Paper and paper products	3,8	109,4	102,7	-6,1	-0,2
-Publishing and printing	4,3	87,3	86,3	-1,1	0,0
Petroleum, chemical products, rubber and plastic products	22,1	115,2	111,2	-3,5	-0,9
-Coke, petroleum products and nuclear fuel	8,5	98,1	89,7	-8,6	-0,7
-Basic chemicals	4,5	132,0	127,6	-3,3	-0,2
-Other chemical products	5,3	118,6	117,8	-0,7	0,0
-Rubber products	1,0	93,0	94,9	2,0	0,0
-Plastic products	2,7	142,7	143,9	0,8	0,0
Glass and non-metallic mineral products	4,8	94,1	96,9	3,0	0,1
-Glass and glass products	1,0	114,6	117,5	2,5	0,0
-Non-metallic mineral products	3,8	89,1	91,7	2,9	0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	95,3	86,2	-9,5	-2,0
-Basic iron and steel products	7,7	91,3	66,0	-27,7	-1,9
-Basic precious, non-ferrous metal products	3,4	109,7	110,1	0,4	0,0
-Fabricated metal products	5,7	103,4	100,7	-2,6	-0,1
-Machinery and equipment	6,1	84,5	84,5	0,0	0,0
Electrical machinery	2,5	129,7	126,0	-2,9	-0,1
Radio, television and communication apparatus and professional equipment	1,1	101,9	105,9	3,9	0,0
-Radio, television and communication apparatus	0,4	91,7	107,5	17,2	0,1
-Professional equipment	0,7	108,4	104,8	-3,3	0,0
Motor vehicles, parts and accessories and other transport equipment	10,9	100,0	107,0	7,0	0,7
-Motor vehicles	4,9	93,5	103,7	10,9	0,5
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,3	122,0	-3,4	0,0
-Parts and accessories	4,7	100,4	104,6	4,2	0,2
-Other transport equipment	0,9	118,8	129,4	8,9	0,1
Furniture and other manufacturing division	5,2	99,1	96,9	-2,2	-0,1
-Furniture	1,3	93,4	92,2	-1,3	0,0
-Other manufacturing groups	3,9	101,0	98,4	-2,6	-0,1
Total	100,0	103,7	101,7	-1,9	-1,9

1/ The contribution (percentage points) of a major group or division to the total seasonally adjusted manufacturing production is calculated by multiplying the difference in the index of the major group or division by the weight of the major group or division and then dividing by the previous period total manufacturing index. Figures have been rounded off.

Figure 1 – Index of the physical volume of manufacturing production: 2005 – 2011



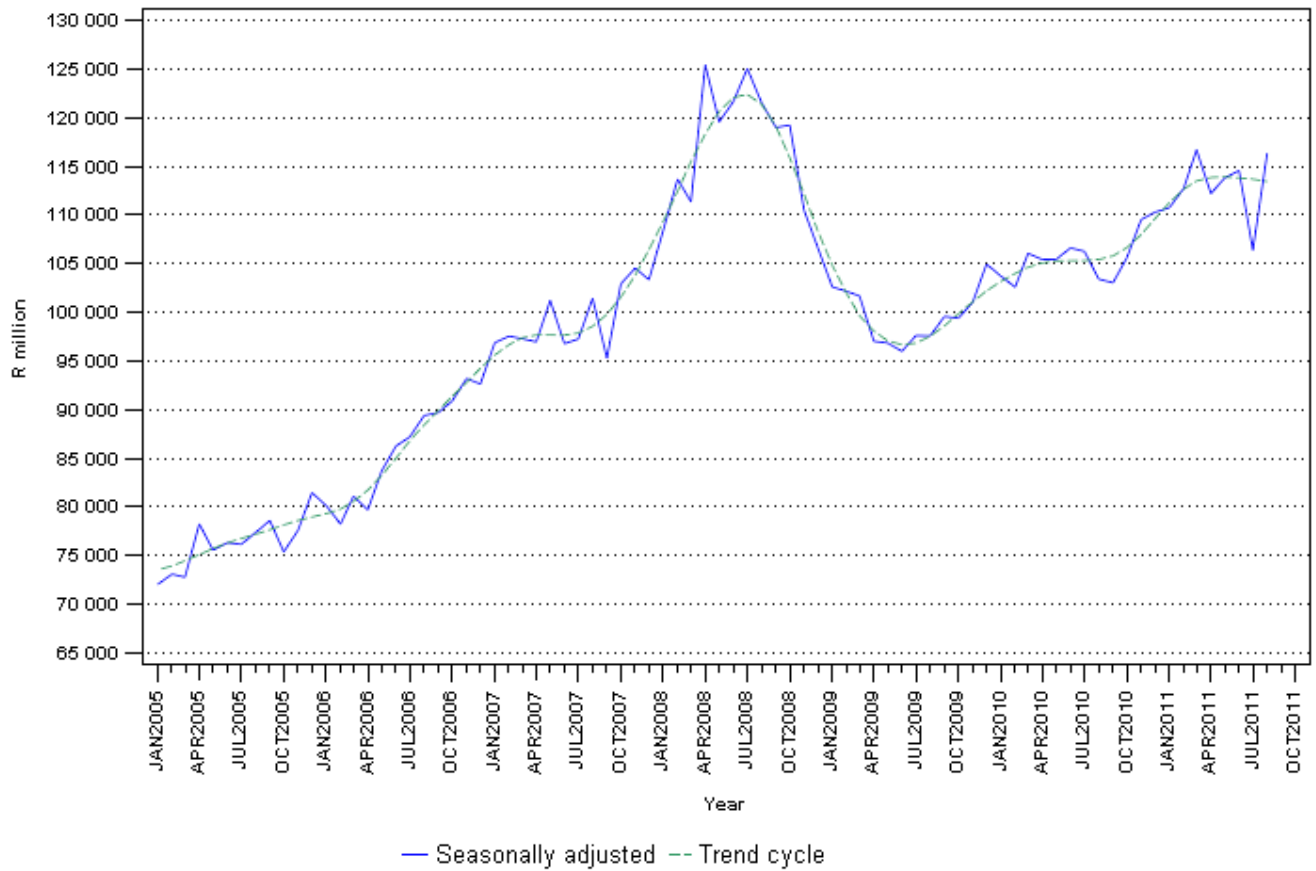
Seasonally adjusted sales of manufactured products (at current prices) for the three months ended August 2011 decreased by 1,6% (-R5 386 million) compared with the previous three months ended May 2011. Five of the ten manufacturing divisions reported negative growth rates over this period (see Table C).

The large decreases reported by the petroleum, chemical products, rubber and plastic products division (-7,7% or -R6 535 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (-5,9% or -R4 520 million) during the above-mentioned period were mainly responsible for the decrease in total manufacturing sales (see Table C). The division motor vehicles, parts and accessories and other transport equipment showed a large positive contribution of R4 499 million over the past three months.

Table C – Contribution of manufacturing divisions and major groups to the three-monthly total seasonally adjusted sales of the manufacturing industry at current prices

Manufacturing divisions and major groups	Seasonally adjusted sales March to May 2011	Seasonally adjusted sales June to August 2011	Percentage change between March to May 2011 and June to August 2011	Difference in seasonally adjusted sales of manufacturing divisions between March to May 2011 and June to August 2011
	R'000	R'000	%	R'000
Food and beverages	65 519 878	66 756 136	1,9	1 236 258
-Food and food products	49 690 594	50 707 508	2,0	1 016 914
-Beverages	15 829 283	16 048 628	1,4	219 345
Textiles, clothing, leather and footwear	9 626 780	9 806 540	1,9	179 760
-Textiles	3 830 664	3 894 861	1,7	64 197
-Wearing apparel	3 809 959	3 893 062	2,2	83 103
-Leather and leather products	1 044 192	1 052 473	0,8	8 281
-Footwear	941 965	966 144	2,6	24 179
Wood and wood products, paper, publishing and printing	27 102 860	26 482 775	-2,3	-620 085
-Wood and products of wood	5 859 960	5 888 758	0,5	28 798
-Paper and paper products	11 956 630	11 456 512	-4,2	-500 118
-Publishing and printing	9 286 270	9 137 505	-1,6	-148 765
Petroleum, chemical products, rubber and plastic products	84 378 389	77 843 495	-7,7	-6 534 894
-Coke, petroleum products and nuclear fuel	35 546 550	28 873 028	-18,8	-6 673 522
-Basic chemicals	16 632 058	16 698 165	0,4	66 107
-Other chemical products	17 891 878	17 554 704	-1,9	-337 174
-Rubber products	3 354 507	3 587 609	6,9	233 102
-Plastic products	10 953 395	11 129 989	1,6	176 594
Glass and non-metallic mineral products	10 298 126	10 678 929	3,7	380 803
-Glass and glass products	1 667 201	1 797 382	7,8	130 181
-Non-metallic mineral products	8 630 924	8 881 547	2,9	250 623
Basic iron and steel, non-ferrous metal products, metal products and machinery	76 447 273	71 927 125	-5,9	-4 520 148
-Basic iron and steel products	25 939 669	21 103 699	-18,6	-4 835 970
-Basic precious, non-ferrous metal products	15 128 156	15 029 132	-0,7	-99 024
-Fabricated metal products	18 037 134	18 129 686	0,5	92 552
-Machinery and equipment	17 342 312	17 664 606	1,9	322 294
Electrical machinery	10 162 682	9 851 609	-3,1	-311 073
Radio, television and communication apparatus and professional equipment	3 464 386	3 886 648	12,2	422 262
-Radio, television and communication apparatus	1 574 936	1 973 149	25,3	398 213
-Professional equipment	1 889 450	1 913 497	1,3	24 047
Motor vehicles, parts and accessories and other transport equipment	40 903 131	45 402 314	11,0	4 499 183
-Motor vehicles, trailers, parts and accessories	36 726 057	40 885 721	11,3	4 159 664
-Other transport equipment	4 177 073	4 516 591	8,1	339 518
Furniture and other manufacturing division	14 832 373	14 714 254	-0,8	-118 119
-Furniture	2 854 615	2 841 370	-0,5	-13 245
-Other manufacturing groups	11 977 760	11 872 884	-0,9	-104 876
Total	342 735 880	337 349 821	-1,6	-5 386 059

Figure 2 – Total estimated sales of the manufacturing industry at current prices: 2005 – 2011



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Detailed results

Table 1 – Total index of the physical volume of manufacturing production: 2005 – 2011

Base: 2005 = 100

Month	2005	2006	2007	2008	2009	2010	2011
Jan	84,8	89,7	95,0	95,9	83,4	85,9	88,0
Feb	95,2	96,7	104,7	108,5	91,5	93,7	99,7
Mar	101,2	106,2	113,6	111,9	98,3	104,7	110,4
Apr	96,5	95,6	101,0	111,9	87,1	94,6	94,7
May	100,4	104,3	113,4	114,3	94,2	101,9	102,8
Jun	100,3	106,7	109,2	115,1	94,9	103,8	1/ 104,9
Jul	101,1	107,4	111,2	115,2	98,9	106,0	1/ 99,4
Aug	103,5	108,8	114,4	114,9	96,7	101,7	1/ 107,4
Sep	107,6	109,7	108,9	114,2	100,7	102,1	
Oct	107,1	117,0	124,1	121,1	109,1	111,8	
Nov	110,8	119,1	124,3	114,3	108,4	113,7	
Dec	91,4	96,6	96,5	87,8	90,2	90,9	
Year	100,0	104,8	109,7	110,4	96,1	100,9	

1/ Preliminary.

Table 2 – Annual percentage change in the total index of the physical volume of manufacturing production: 2005 – 2011 2/

Month	2005	2006	2007	2008	2009	2010	2011
Jan	2,4	5,8	5,9	0,9	-13,0	3,0	2,4
Feb	3,8	1,6	8,3	3,6	-15,7	2,4	6,4
Mar	0,0	4,9	7,0	-1,5	-12,2	6,5	5,4
Apr	8,3	-0,9	5,6	10,8	-22,2	8,6	0,1
May	1,6	3,9	8,7	0,8	-17,6	8,2	0,9
Jun	2,7	6,4	2,3	5,4	-17,5	9,4	1,1
Jul	1,0	6,2	3,5	3,6	-14,1	7,2	-6,2
Aug	3,2	5,1	5,1	0,4	-15,8	5,2	5,6
Sep	5,3	2,0	-0,7	4,9	-11,8	1,4	
Oct	-1,0	9,2	6,1	-2,4	-9,9	2,5	
Nov	3,3	7,5	4,4	-8,0	-5,2	4,9	
Dec	5,1	5,7	-0,1	-9,0	2,7	0,8	
Year	2,9	4,8	4,7	0,6	-13,0	5,0	

2/ The annual percentage change is the change in the index of the physical volume of manufacturing production of the relevant month of the current year compared with the corresponding month of the previous year expressed as a percentage.

Table 3 – Seasonally adjusted index of the total physical volume of manufacturing production: 2005 – 2011

Base: 2005 = 100

Month	2005	2006	2007	2008	2009	2010	2011
Jan	96,7	103,1	110,0	111,6	97,8	100,7	103,4
Feb	99,3	101,1	109,8	114,1	96,3	98,7	105,1
Mar	98,1	103,0	110,2	108,5	95,2	101,1	106,6
Apr	102,9	101,7	108,0	120,1	93,5	101,9	102,1
May	99,5	103,5	112,6	113,6	93,8	101,6	102,5
Jun	99,7	105,7	107,9	113,6	93,6	102,2	103,4
Jul	99,5	105,3	108,7	112,6	96,5	103,4	97,1
Aug	100,3	105,1	110,6	111,4	93,9	98,8	104,5
Sep	103,9	105,5	104,7	109,9	96,9	98,5	
Oct	96,6	105,3	111,4	108,2	97,7	99,6	
Nov	99,9	107,5	112,1	102,6	98,0	102,3	
Dec	103,4	109,5	109,3	97,7	100,9	102,0	

Table 4a – Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups

Base: 2005=100

Manufacturing divisions and major groups	Weights 2005	Average for 2010	Actual indices			Seasonally adjusted indices		
			August 2010	1/ July 2011	1/ August 2011	August 2010	July 2011	August 2011
Food and beverages	15,4	116,5	116,2	110,8	126,3	115,4	114,0	126,4
-Meat, fish, fruit, etc.	1,8	115,4	115,8	118,9	125,1	117,6	121,4	126,7
-Dairy products	0,8	111,6	114,6	108,5	114,7	115,1	115,2	115,1
-Grain mill products	0,8	110,4	112,1	106,0	115,5	112,9	103,6	116,5
-Other food products	5,2	116,4	133,2	120,8	138,7	115,8	112,5	121,1
-Beverages	6,8	118,2	104,0	102,0	119,9	114,7	114,4	132,8
Textiles, clothing, leather and footwear	4,9	84,1	83,3	80,7	84,7	81,9	80,8	83,6
-Textiles	0,7	66,5	65,1	56,3	58,2	64,1	55,2	57,8
-Other textile products	0,9	73,1	72,1	72,9	74,6	69,4	72,6	72,0
-Knitted, crocheted articles	0,2	103,6	91,7	81,3	88,2	97,4	85,6	94,4
-Wearing apparel	2,1	86,5	85,8	80,8	89,8	85,2	83,4	89,3
-Leather and leather products	0,6	90,4	87,1	92,0	88,6	88,5	89,9	90,2
-Footwear	0,4	107,3	114,9	119,1	115,6	104,9	110,9	106,4
Wood and wood products, paper, publishing and printing	10,2	96,6	99,5	91,0	92,8	97,8	91,6	91,3
-Sawmilling and planing of wood	0,7	84,0	88,4	90,9	92,1	83,9	84,3	87,1
-Products of wood	1,3	87,7	95,0	85,6	88,9	90,5	84,8	85,0
-Paper and paper products	3,8	113,3	117,5	98,2	102,8	116,3	100,4	101,7
-Publishing	1,9	81,1	78,8	82,7	79,6	80,0	84,2	81,2
-Printing, recorded media	2,5	90,6	92,6	88,8	89,5	90,1	89,0	87,2
Petroleum, chemical products, rubber and plastic products	22,1	111,3	117,7	113,5	116,3	113,3	107,8	112,1
-Coke, petroleum products and nuclear fuel	8,5	92,8	105,6	101,4	91,6	99,2	91,3	85,8
-Basic chemicals	4,5	126,2	132,7	128,7	136,9	126,1	122,8	130,2
-Other chemical products	5,3	117,2	116,4	108,6	122,0	117,0	109,2	122,8
-Rubber products	1,0	82,5	84,4	104,4	94,5	84,0	96,9	94,5
-Plastic products	2,7	143,4	145,4	139,5	155,8	139,9	135,8	149,8
Glass and non-metallic mineral products	4,8	93,9	102,7	101,5	105,4	96,3	96,2	98,3
-Glass and glass products	1,0	120,7	123,8	122,4	117,9	122,8	124,0	116,5
-Non-metallic mineral products	3,8	87,2	97,4	96,3	102,3	89,7	89,2	93,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	89,0	81,5	90,8	86,2	78,7	88,2
-Basic iron and steel products	7,7	80,1	76,3	65,9	62,2	72,8	65,0	59,3
-Non-ferrous metal products	3,4	100,3	101,5	105,0	118,8	100,2	102,5	117,7
-Structural metal products	2,0	92,9	96,9	85,6	99,7	93,9	79,3	96,6
-Other fabricated metal products	3,8	106,4	107,0	97,3	117,4	107,4	87,7	118,2
-General purpose machinery	2,4	70,1	71,9	61,5	76,5	68,6	60,2	73,1
-Special purpose machinery	3,1	89,5	90,9	86,4	99,7	84,9	87,9	93,3
-Household appliances	0,6	98,4	99,3	88,7	111,3	94,4	87,5	105,9
Electrical machinery	2,5	127,7	137,1	122,5	135,0	130,3	118,4	127,5
Radio, television and communication apparatus and professional equipment	1,1	94,6	95,8	110,1	114,2	93,9	101,5	112,6
-Radio, television and communication apparatus	0,4	93,1	84,3	114,0	119,3	85,8	103,9	121,7
-Professional equipment	0,7	95,7	103,1	107,6	111,0	99,1	100,0	106,8
Motor vehicles, parts and accessories and other transport equipment	10,9	95,7	84,4	102,5	118,9	80,3	97,6	113,8
-Motor vehicles	4,9	85,5	61,9	100,2	113,3	59,2	93,7	109,2
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	125,6	115,0	135,7	118,0	112,2	127,5
-Parts and accessories	4,7	100,2	96,6	102,2	115,5	91,5	96,9	109,8
-Other transport equipment	0,9	115,0	120,0	110,1	156,6	116,2	114,3	150,9
Furniture and other manufacturing division	5,2	91,8	88,9	97,6	99,0	88,1	96,9	98,5
-Furniture	1,3	92,1	92,9	94,7	96,1	90,9	90,5	94,2
-Other manufacturing groups	3,9	91,7	87,6	98,6	99,9	87,1	98,9	99,8
Total	100,0	100,9	101,7	99,4	107,4	98,8	97,1	104,5

1/ Preliminary.

Table 4b – Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups (concluded)

Base: 2005=100

Manufacturing divisions and major groups	Weights 2005	Average for 2010	Actual indices			Seasonally adjusted indices		
			August 2010	1/ August 2011	Percentage change between August 2010 and August 2011	July 2011	August 2011	Percentage change between July and August 2011
Food and beverages	15,4	116,5	116,2	126,3	8,7	114,0	126,4	10,9
-Meat, fish, fruit, etc.	1,8	115,4	115,8	125,1	8,0	121,4	126,7	4,4
-Dairy products	0,8	111,6	114,6	114,7	0,1	115,2	115,1	-0,1
-Grain mill products	0,8	110,4	112,1	115,5	3,0	103,6	116,5	12,5
-Other food products	5,2	116,4	133,2	138,7	4,1	112,5	121,1	7,6
-Beverages	6,8	118,2	104,0	119,9	15,3	114,4	132,8	16,1
Textiles, clothing, leather and footwear	4,9	84,1	83,3	84,7	1,7	80,8	83,6	3,5
-Textiles	0,7	66,5	65,1	58,2	-10,6	55,2	57,8	4,7
-Other textile products	0,9	73,1	72,1	74,6	3,5	72,6	72,0	-0,8
-Knitted, crocheted articles	0,2	103,6	91,7	88,2	-3,8	85,6	94,4	10,3
-Wearing apparel	2,1	86,5	85,8	89,8	4,7	83,4	89,3	7,1
-Leather and leather products	0,6	90,4	87,1	88,6	1,7	89,9	90,2	0,3
-Footwear	0,4	107,3	114,9	115,6	0,6	110,9	106,4	-4,1
Wood and wood products, paper, publishing and printing	10,2	96,6	99,5	92,8	-6,7	91,6	91,3	-0,3
-Sawmilling and planing of wood	0,7	84,0	88,4	92,1	4,2	84,3	87,1	3,3
-Products of wood	1,3	87,7	95,0	88,9	-6,4	84,8	85,0	0,2
-Paper and paper products	3,8	113,3	117,5	102,8	-12,5	100,4	101,7	1,3
-Publishing	1,9	81,1	78,8	79,6	1,0	84,2	81,2	-3,6
-Printing, recorded media	2,5	90,6	92,6	89,5	-3,3	89,0	87,2	-2,0
Petroleum, chemical products, rubber and plastic products	22,1	111,3	117,7	116,3	-1,2	107,8	112,1	4,0
-Coke, petroleum products and nuclear fuel	8,5	92,8	105,6	91,6	-13,3	91,3	85,8	-6,0
-Basic chemicals	4,5	126,2	132,7	136,9	3,2	122,8	130,2	6,0
-Other chemical products	5,3	117,2	116,4	122,0	4,8	109,2	122,8	12,5
-Rubber products	1,0	82,5	84,4	94,5	12,0	96,9	94,5	-2,5
-Plastic products	2,7	143,4	145,4	155,8	7,2	135,8	149,8	10,3
Glass and non-metallic mineral products	4,8	93,9	102,7	105,4	2,6	96,2	98,3	2,2
-Glass and glass products	1,0	120,7	123,8	117,9	-4,8	124,0	116,5	-6,0
-Non-metallic mineral products	3,8	87,2	97,4	102,3	5,0	89,2	93,8	5,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	89,0	90,8	2,0	78,7	88,2	12,1
-Basic iron and steel products	7,7	80,1	76,3	62,2	-18,5	65,0	59,3	-8,8
-Non-ferrous metal products	3,4	100,3	101,5	118,8	17,0	102,5	117,7	14,8
-Structural metal products	2,0	92,9	96,9	99,7	2,9	79,3	96,6	21,8
-Other fabricated metal products	3,8	106,4	107,0	117,4	9,7	87,7	118,2	34,8
-General purpose machinery	2,4	70,1	71,9	76,5	6,4	60,2	73,1	21,4
-Special purpose machinery	3,1	89,5	90,9	99,7	9,7	87,9	93,3	6,1
-Household appliances	0,6	98,4	99,3	111,3	12,1	87,5	105,9	21,0
Electrical machinery	2,5	127,7	137,1	135,0	-1,5	118,4	127,5	7,7
Radio, television and communication apparatus and professional equipment	1,1	94,6	95,8	114,2	19,2	101,5	112,6	10,9
-Radio, television and communication apparatus	0,4	93,1	84,3	119,3	41,5	103,9	121,7	17,1
-Professional equipment	0,7	95,7	103,1	111,0	7,7	100,0	106,8	6,8
Motor vehicles, parts and accessories and other transport equipment	10,9	95,7	84,4	118,9	40,9	97,6	113,8	16,6
-Motor vehicles	4,9	85,5	61,9	113,3	83,0	93,7	109,2	16,5
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	125,6	135,7	8,0	112,2	127,5	13,6
-Parts and accessories	4,7	100,2	96,6	115,5	19,6	96,9	109,8	13,3
-Other transport equipment	0,9	115,0	120,0	156,6	30,5	114,3	150,9	32,0
Furniture and other manufacturing division	5,2	91,8	88,9	99,0	11,4	96,9	98,5	1,7
-Furniture	1,3	92,1	92,9	96,1	3,4	90,5	94,2	4,1
-Other manufacturing groups	3,9	91,7	87,6	99,9	14,0	98,9	99,8	0,9
Total	100,0	100,9	101,7	107,4	5,6	97,1	104,5	7,6

1/ Preliminary.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000): 2005 – 2011

Month	2005	2006	2007	2008	2009	2010	2011
Jan	60 642 593	67 351 678	81 459 988	91 280 084	85 793 294	86 836 064	92 863 625
Feb	70 167 086	74 930 635	93 134 142	108 137 770	97 350 713	97 825 640	107 158 143
Mar	74 589 427	83 169 373	100 113 755	114 652 520	105 127 970	110 232 624	121 108 364
Apr	73 611 723	74 690 973	90 606 196	116 896 823	90 156 553	97 707 572	103 921 168
May	75 830 084	83 925 122	101 641 507	120 173 410	96 487 420	105 089 142	113 377 474
Jun	77 338 913	87 683 125	98 764 796	124 811 522	98 161 671	109 279 984	1/ 117 502 258
Jul	77 298 647	88 860 703	99 325 320	128 335 265	99 715 325	108 621 205	1/ 108 729 582
Aug	79 781 239	92 520 358	104 978 175	126 167 640	100 731 886	106 288 802	1/ 119 381 153
Sep	82 859 539	94 724 833	100 538 717	125 588 533	104 781 622	108 523 831	
Oct	82 759 631	99 968 405	113 462 255	131 772 450	109 759 231	116 804 203	
Nov	86 473 327	103 494 740	116 007 502	122 615 454	111 844 877	121 292 114	
Dec	73 429 961	82 554 715	91 954 469	95 903 778	95 002 438	99 664 494	
Year	914 782 170	1 033 874 660	1 191 986 822	1 406 335 249	1 194 913 000	1 268 165 675	

1/ Preliminary.

Table 6 – Annual percentage change in the total estimated value of sales of the manufacturing industry: 2005 – 2011 2/

Month	2005	2006	2007	2008	2009	2010	2011
Jan	4,6	11,1	20,9	12,1	-6,0	1,2	6,9
Feb	3,8	6,8	24,3	16,1	-10,0	0,5	9,5
Mar	0,4	11,5	20,4	14,5	-8,3	4,9	9,9
Apr	11,0	1,5	21,3	29,0	-22,9	8,4	6,4
May	4,8	10,7	21,1	18,2	-19,7	8,9	7,9
Jun	7,0	13,4	12,6	26,4	-21,4	11,3	7,5
Jul	6,1	15,0	11,8	29,2	-22,3	8,9	0,1
Aug	8,6	16,0	13,5	20,2	-20,2	5,5	12,3
Sep	7,8	14,3	6,1	24,9	-16,6	3,6	
Oct	4,4	20,8	13,5	16,1	-16,7	6,4	
Nov	6,1	19,7	12,1	5,7	-8,8	8,4	
Dec	9,7	12,4	11,4	4,3	-0,9	4,9	
Year	6,1	13,0	15,3	18,0	-15,0	6,1	

2/ The annual percentage change is the change in the sales of the manufacturing industry of the relevant month of the current year compared with the sales of the corresponding month of the previous year expressed as a percentage.

Table 7 – Total seasonally adjusted sales of the manufacturing industry at current prices (R'000): 2005 – 2011

Month	2005	2006	2007	2008	2009	2010	2011
Jan	72 011 327	80 112 973	96 873 488	108 443 064	102 609 520	103 734 461	110 750 465
Feb	73 065 646	78 213 893	97 543 479	113 694 068	102 154 049	102 582 255	112 725 936
Mar	72 747 924	81 075 555	97 284 999	111 363 779	101 680 626	106 054 828	116 711 919
Apr	78 229 129	79 679 471	96 966 087	125 445 169	97 024 128	105 426 602	112 215 001
May	75 536 101	83 673 665	101 210 690	119 576 528	96 842 009	105 443 962	113 808 960
Jun	76 300 309	86 236 794	96 777 608	121 690 814	95 987 541	106 618 568	114 573 616
Jul	76 130 033	87 182 122	97 252 306	125 070 015	97 602 597	106 272 135	106 400 079
Aug	77 348 202	89 379 406	101 444 060	121 540 560	97 568 298	103 417 166	116 376 126
Sep	78 571 345	89 686 662	95 281 650	119 013 615	99 571 856	103 038 249	
Oct	75 353 734	90 885 172	102 903 185	119 245 573	99 394 540	105 603 603	
Nov	77 582 893	93 183 680	104 544 170	110 483 426	101 010 353	109 535 672	
Dec	81 435 159	92 624 539	103 362 589	106 608 757	104 951 662	110 297 216	

Table 8a – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000)

Manufacturing divisions and major groups	Year 2010	Actual values			Seasonally adjusted values		
		August 2010	1/ July 2011	1/ August 2011	August 2010	July 2011	August 2011
Food and beverages	248 528 861	20 605 276	21 280 721	22 861 483	20 877 279	21 780 094	23 230 301
-Meat, fish, fruit, etc.	67 147 429	5 661 258	6 060 377	6 477 024	5 699 086	6 141 696	6 520 110
-Dairy products	22 395 405	1 912 139	1 891 793	1 936 221	1 914 708	1 927 721	1 940 630
-Grain mill products	41 968 004	3 476 492	3 763 336	4 109 222	3 495 879	3 624 333	4 134 604
-Other food products	55 507 821	4 874 258	4 986 203	5 012 529	4 706 424	4 932 493	4 861 674
-Beverages	61 510 202	4 681 129	4 579 012	5 326 487	5 061 182	5 153 851	5 773 284
Textiles, clothing, leather and footwear	39 304 498	3 181 994	3 213 498	3 347 688	3 157 552	3 201 908	3 332 505
-Textiles	4 434 749	380 371	339 544	360 001	370 245	335 308	351 874
-Other textile products	11 285 992	884 255	968 692	951 758	893 971	947 124	964 957
-Knitted, crocheted articles	1 789 747	127 413	139 192	132 807	138 279	144 126	146 132
-Wearing apparel	14 242 260	1 165 790	1 118 587	1 220 825	1 150 580	1 132 494	1 205 459
-Leather and leather products	3 889 005	303 562	329 444	348 405	300 768	331 077	346 843
-Footwear	3 662 745	320 603	318 039	333 892	303 709	311 779	317 240
Wood and wood products, paper, publishing and printing	106 468 918	9 148 647	8 732 534	8 921 341	8 966 024	8 798 698	8 753 446
-Sawmilling and planing of wood	7 812 905	662 655	730 932	723 028	633 866	686 693	692 303
-Products of wood	14 991 913	1 351 756	1 289 353	1 307 454	1 291 327	1 283 303	1 252 355
-Paper and paper products	47 058 025	4 048 330	3 663 820	3 875 972	3 993 986	3 742 110	3 824 879
-Publishing	15 802 072	1 311 930	1 331 538	1 296 385	1 309 996	1 369 454	1 297 346
-Printing, recorded media	20 804 003	1 773 976	1 716 891	1 718 502	1 736 848	1 717 138	1 686 562
Petroleum, chemical products, rubber and plastic products	280 737 508	25 049 203	25 585 487	28 499 037	23 503 487	24 132 215	26 670 173
-Coke, petroleum products and nuclear fuel	96 580 234	9 510 048	10 310 359	11 226 138	8 162 710	9 041 261	9 612 639
-Basic chemicals	60 460 303	4 969 881	4 994 659	5 849 606	4 951 970	4 960 378	5 832 301
-Other chemical products	69 496 277	5 911 568	5 505 936	6 041 862	5 871 619	5 513 060	6 011 751
-Rubber products	12 022 322	1 063 661	1 285 545	1 301 966	1 011 639	1 194 319	1 237 832
-Plastic products	42 178 372	3 594 045	3 488 988	4 079 465	3 505 550	3 423 197	3 975 650
Glass and non-metallic mineral products	40 233 221	3 656 740	3 645 686	3 900 366	3 415 303	3 463 292	3 641 503
-Glass and glass products	6 779 588	576 221	606 258	591 813	573 713	642 252	590 390
-Non-metallic mineral products	33 453 633	3 080 519	3 039 428	3 308 553	2 841 590	2 821 040	3 051 113
Basic iron and steel, non-ferrous metal products, metal products and machinery	283 445 050	23 013 207	22 002 346	26 174 125	21 843 058	21 174 582	24 934 567
-Basic iron and steel products	94 329 950	7 125 178	6 310 285	7 794 088	6 333 502	6 177 137	6 913 759
-Non-ferrous metal products	50 105 316	4 165 617	4 638 693	5 211 579	4 168 052	4 534 514	5 241 458
-Structural metal products	26 008 715	2 260 205	2 210 365	2 552 041	2 155 301	2 050 108	2 437 726
-Other fabricated metal products	45 003 323	3 773 971	3 537 942	4 342 360	3 714 493	3 174 327	4 290 706
-General purpose machinery	28 248 527	2 388 407	2 079 283	2 597 599	2 265 173	2 069 289	2 466 050
-Special purpose machinery	30 812 487	2 565 064	2 570 722	2 864 538	2 477 441	2 517 274	2 777 553
-Household appliances	8 936 732	734 765	655 056	811 920	729 096	651 933	807 314
-Electrical machinery	39 093 760	3 405 533	3 256 860	3 493 937	3 267 324	3 085 760	3 344 902
Radio, television and communication apparatus and professional equipment	13 828 914	1 167 306	1 313 058	1 457 751	1 126 175	1 282 630	1 406 447
-Radio, television and communication apparatus	6 843 071	546 465	665 146	795 407	529 200	645 413	768 566
-Professional equipment	6 985 843	620 841	647 912	662 344	596 975	637 216	637 881
Motor vehicles, parts and accessories and other transport equipment	161 650 617	12 480 020	14 908 043	15 567 110	12 753 946	14 653 619	16 001 037
-Motor vehicles	82 269 350	6 062 426	7 934 401	7 354 903	6 512 202	7 760 237	7 992 864
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	676 489	653 288	737 476	625 486	625 902	682 912
-Parts and accessories	56 427 275	4 399 544	5 021 656	5 619 636	4 328 230	4 930 798	5 550 581
-Other transport equipment	15 342 770	1 341 561	1 298 698	1 855 095	1 288 029	1 336 682	1 774 678
Furniture and other manufacturing division	54 874 328	4 580 876	4 791 349	5 158 315	4 507 018	4 827 282	5 061 247
-Furniture	10 639 747	905 846	966 976	974 413	892 946	933 795	960 238
-Other manufacturing groups	44 234 581	3 675 030	3 824 373	4 183 902	3 614 072	3 893 487	4 101 010
Total	1 268 165 675	106 288 802	108 729 582	119 381 153	103 417 166	106 400 079	116 376 126

1/ Preliminary.

Table 8b – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000) (concluded)

Manufacturing divisions and major groups	Year 2010	Actual values			Seasonally adjusted values		
		August 2010	1/ August 2011	Percentage change between August 2010 and August 2011	July 2011	August 2011	Percentage change between July and August 2011
Food and beverages	248 528 861	20 605 276	22 861 483	10,9	21 780 094	23 230 301	6,7
-Meat, fish, fruit, etc.	67 147 429	5 661 258	6 477 024	14,4	6 141 696	6 520 110	6,2
-Dairy products	22 395 405	1 912 139	1 936 221	1,3	1 927 721	1 940 630	0,7
-Grain mill products	41 968 004	3 476 492	4 109 222	18,2	3 624 333	4 134 604	14,1
-Other food products	55 507 821	4 874 258	5 012 529	2,8	4 932 493	4 861 674	-1,4
-Beverages	61 510 202	4 681 129	5 326 487	13,8	5 153 851	5 773 284	12,0
Textiles, clothing, leather and footwear	39 304 498	3 181 994	3 347 688	5,2	3 201 908	3 332 505	4,1
-Textiles	4 434 749	380 371	360 001	-5,4	335 308	351 874	4,9
-Other textile products	11 285 992	884 255	951 758	7,6	947 124	964 957	1,9
-Knitted, crocheted articles	1 789 747	127 413	132 807	4,2	144 126	146 132	1,4
-Wearing apparel	14 242 260	1 165 790	1 220 825	4,7	1 132 494	1 205 459	6,4
-Leather and leather products	3 889 005	303 562	348 405	14,8	331 077	346 843	4,8
-Footwear	3 662 745	320 603	333 892	4,1	311 779	317 240	1,8
Wood and wood products, paper, publishing and printing	106 468 918	9 148 647	8 921 341	-2,5	8 798 698	8 753 446	-0,5
-Sawmilling and planing of wood	7 812 905	662 655	723 028	9,1	686 693	692 303	0,8
-Products of wood	14 991 913	1 351 756	1 307 454	-3,3	1 283 303	1 252 355	-2,4
-Paper and paper products	47 058 025	4 048 330	3 875 972	-4,3	3 742 110	3 824 879	2,2
-Publishing	15 802 072	1 311 930	1 296 385	-1,2	1 369 454	1 297 346	-5,3
-Printing, recorded media	20 804 003	1 773 976	1 718 502	-3,1	1 717 138	1 686 562	-1,8
Petroleum, chemical products, rubber and plastic products	280 737 508	25 049 203	28 499 037	13,8	24 132 215	26 670 173	10,5
-Coke, petroleum products and nuclear fuel	96 580 234	9 510 048	11 226 138	18,0	9 041 261	9 612 639	6,3
-Basic chemicals	60 460 303	4 969 881	5 849 606	17,7	4 960 378	5 832 301	17,6
-Other chemical products	69 496 277	5 911 568	6 041 862	2,2	5 513 060	6 011 751	9,0
-Rubber products	12 022 322	1 063 661	1 301 966	22,4	1 194 319	1 237 832	3,6
-Plastic products	42 178 372	3 594 045	4 079 465	13,5	3 423 197	3 975 650	16,1
Glass and non-metallic mineral products	40 233 221	3 656 740	3 900 366	6,7	3 463 292	3 641 503	5,1
-Glass and glass products	6 779 588	576 221	591 813	2,7	642 252	590 390	-8,1
-Non-metallic mineral products	33 453 633	3 080 519	3 308 553	7,4	2 821 040	3 051 113	8,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	283 445 050	23 013 207	26 174 125	13,7	21 174 582	24 934 567	17,8
-Basic iron and steel products	94 329 950	7 125 178	7 794 088	9,4	6 177 137	6 913 759	11,9
-Non-ferrous metal products	50 105 316	4 165 617	5 211 579	25,1	4 534 514	5 241 458	15,6
-Structural metal products	26 008 715	2 260 205	2 552 041	12,9	2 050 108	2 437 726	18,9
-Other fabricated metal products	45 003 323	3 773 971	4 342 360	15,1	3 174 327	4 290 706	35,2
-General purpose machinery	28 248 527	2 388 407	2 597 599	8,8	2 069 289	2 466 050	19,2
-Special purpose machinery	30 812 487	2 565 064	2 864 538	11,7	2 517 274	2 777 553	10,3
-Household appliances	8 936 732	734 765	811 920	10,5	651 933	807 314	23,8
Electrical machinery	39 093 760	3 405 533	3 493 937	2,6	3 085 760	3 344 902	8,4
Radio, television and communication apparatus and professional equipment	13 828 914	1 167 306	1 457 751	24,9	1 282 630	1 406 447	9,7
-Radio, television and communication apparatus	6 843 071	546 465	795 407	45,6	645 413	768 566	19,1
-Professional equipment	6 985 843	620 841	662 344	6,7	637 216	637 881	0,1
Motor vehicles, parts and accessories and other transport equipment	161 650 617	12 480 020	15 567 110	24,7	14 653 619	16 001 037	9,2
-Motor vehicles	82 269 350	6 062 426	7 354 903	21,3	7 760 237	7 992 864	3,0
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	676 489	737 476	9,0	625 902	682 912	9,1
-Parts and accessories	56 427 275	4 399 544	5 619 636	27,7	4 930 798	5 550 581	12,6
-Other transport equipment	15 342 770	1 341 561	1 855 095	38,3	1 336 682	1 774 678	32,8
Furniture and other manufacturing division	54 874 328	4 580 876	5 158 315	12,6	4 827 282	5 061 247	4,8
-Furniture	10 639 747	905 846	974 413	7,6	933 795	960 238	2,8
-Other manufacturing groups	44 234 581	3 675 030	4 183 902	13,8	3 893 487	4 101 010	5,3
Total	1 268 165 675	106 288 802	119 381 153	12,3	106 400 079	116 376 126	9,4

1/ Preliminary.

Table 9 – Annual percentage change in the three-monthly physical volume of manufacturing production and estimated sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights 2005	Production indices (base 2005=100)			Value of sales (R'000)		
		Jun. to Aug. 2010	Jun. to Aug. 2011	Annual percentage change between Jun. to Aug. 2010 and Jun. to Aug. 2011	Jun. to Aug. 2010	Jun. to Aug. 2011	Annual percentage change between Jun. to Aug. 2010 and Jun. to Aug. 2011
Food and beverages	15,4	115,7	117,2	1,3	61 268 311	65 767 594	7,3
-Meat, fish, fruit, etc.	1,8	115,7	121,3	4,8	16 825 836	18 574 744	10,4
-Dairy products	0,8	107,4	108,3	0,8	5 536 892	5 607 094	1,3
-Grain mill products	0,8	113,8	110,2	-3,2	10 618 642	11 862 604	11,7
-Other food products	5,2	133,9	129,3	-3,4	14 545 686	15 097 262	3,8
-Beverages	6,8	103,0	108,8	5,6	13 741 255	14 625 890	6,4
Textiles, clothing, leather and footwear	4,9	84,0	82,2	-2,1	9 734 206	9 823 137	0,9
-Textiles	0,7	67,8	59,0	-13,0	1 146 447	1 078 285	-5,9
-Other textile products	0,9	71,9	73,8	2,6	2 765 702	2 870 329	3,8
-Knitted, crocheted articles	0,2	98,1	88,3	-10,0	426 736	427 477	0,2
-Wearing apparel	2,1	85,8	83,7	-2,4	3 514 747	3 423 844	-2,6
-Leather and leather products	0,6	92,9	92,4	-0,5	969 995	1 063 974	9,7
-Footwear	0,4	108,5	112,5	3,7	910 579	959 228	5,3
Wood and wood products, paper, publishing and printing	10,2	100,1	93,1	-7,0	27 598 308	26 844 286	-2,7
-Sawmilling and planing of wood	0,7	86,5	91,1	5,3	1 953 793	2 166 159	10,9
-Products of wood	1,3	91,1	88,5	-2,9	3 845 987	3 902 390	1,5
-Paper and paper products	3,8	118,4	104,2	-12,0	12 391 580	11 759 063	-5,1
-Publishing	1,9	79,5	81,0	1,9	3 908 236	3 919 092	0,3
-Printing, recorded media	2,5	95,8	87,8	-8,4	5 498 712	5 097 582	-7,3
Petroleum, chemical products, rubber and plastic products	22,1	119,0	115,2	-3,2	74 763 910	82 222 176	10,0
-Coke, petroleum products and nuclear fuel	8,5	105,9	96,5	-8,9	28 026 789	32 685 998	16,6
-Basic chemicals	4,5	137,9	132,4	-4,0	15 482 420	16 969 364	9,6
-Other chemical products	5,3	116,6	117,4	0,7	17 455 760	17 565 678	0,6
-Rubber products	1,0	89,6	97,6	8,9	3 186 390	3 751 381	17,7
-Plastic products	2,7	144,0	147,0	2,1	10 612 551	11 249 755	6,0
Glass and non-metallic mineral products	4,8	100,3	102,2	1,9	10 664 467	11 190 281	4,9
-Glass and glass products	1,0	119,7	116,9	-2,3	1 638 286	1 754 735	7,1
-Non-metallic mineral products	3,8	95,4	98,5	3,2	9 026 181	9 435 546	4,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	91,3	88,5	-3,1	72 377 913	75 091 222	3,7
-Basic iron and steel products	7,7	80,9	68,5	-15,3	24 067 134	22 941 338	-4,7
-Non-ferrous metal products	3,4	100,1	110,4	10,3	12 341 357	15 095 941	22,3
-Structural metal products	2,0	97,5	93,4	-4,2	6 783 835	7 097 708	4,6
-Other fabricated metal products	3,8	111,9	110,9	-0,9	11 807 648	11 949 914	1,2
-General purpose machinery	2,4	71,2	71,8	0,8	7 329 259	7 343 178	0,2
-Special purpose machinery	3,1	92,1	94,1	2,2	7 799 827	8 425 059	8,0
-Household appliances	0,6	100,9	101,3	0,4	2 248 853	2 238 084	-0,5
Electrical machinery	2,5	131,9	130,1	-1,4	10 337 184	10 274 594	-0,6
Radio, television and communication apparatus and professional equipment	1,1	98,8	110,5	11,8	3 524 141	4 011 329	13,8
-Radio, television and communication apparatus	0,4	93,2	110,2	18,2	1 681 582	2 014 879	19,8
-Professional equipment	0,7	102,4	110,7	8,1	1 842 559	1 996 450	8,4
Motor vehicles, parts and accessories and other transport equipment	10,9	96,5	111,3	15,3	39 880 679	45 515 759	14,1
-Motor vehicles	4,9	84,8	107,2	26,4	19 698 691	22 479 601	14,1
-Bodies for motor vehicles, trailers and semi-trailers	0,5	127,5	129,3	1,4	2 071 193	2 118 781	2,3
-Parts and accessories	4,7	101,5	109,4	7,8	14 164 804	16 184 231	14,3
-Other transport equipment	0,9	117,3	133,7	14,0	3 945 991	4 733 146	19,9
Furniture and other manufacturing division	5,2	92,0	98,2	6,7	14 040 872	14 872 615	5,9
-Furniture	1,3	95,2	94,4	-0,8	2 717 526	2 883 288	6,1
-Other manufacturing groups	3,9	91,0	99,5	9,3	11 323 346	11 989 327	5,9
Total	100,0	103,8	103,9	0,1	324 189 991	345 612 993	6,6

Table 10 – Annual percentage change in the cumulative physical volume of manufacturing production and estimated sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights 2005	Indices (base 2005=100)				Value of sales (R million)			
		Jan. to Aug. 2010	Jan. to Aug. 2011	Annual percentage change between 2010 and 2011	Contribution (percentage points)	Jan. to Aug. 2010	Jan. to Aug. 2011	Annual percentage change between 2010 and 2011	Difference in sales between 2010 and 2011
Food and beverages	15,4	109,4	111,1	1,6	0,3	156 430	167 169	6,9	10 739
-Meat, fish, fruit, etc.	1,8	111,7	116,2	4,0	0,1	42 586	46 868	10,1	4 282
-Dairy products	0,8	105,3	109,9	4,4	0,0	14 255	14 882	4,4	627
-Grain mill products	0,8	108,4	105,7	-2,5	0,0	27 308	29 219	7,0	1 911
-Other food products	5,2	111,1	110,8	-0,3	0,0	35 453	37 317	5,3	1 864
-Beverages	6,8	108,0	110,9	2,7	0,2	36 828	38 883	5,6	2 055
Textiles, clothing, leather and footwear	4,9	82,9	79,4	-4,2	-0,2	25 733	25 019	-2,8	-714
-Textiles	0,7	68,0	60,1	-11,6	-0,1	2 987	2 923	-2,1	-64
-Other textile products	0,9	72,7	70,5	-3,0	0,0	7 502	7 258	-3,3	-244
-Knitted, crocheted articles	0,2	108,1	97,7	-9,6	0,0	1 248	1 180	-5,4	-68
-Wearing apparel	2,1	84,0	79,5	-5,4	-0,1	9 175	8 578	-6,5	-597
-Leather and leather products	0,6	90,7	93,3	2,9	0,0	2 585	2 793	8,0	208
-Footwear	0,4	101,7	100,8	-0,9	0,0	2 237	2 287	2,2	50
Wood and wood products, paper, publishing and printing	10,2	93,7	92,8	-1,0	-0,1	68 607	69 858	1,8	1 251
-Sawmilling and planing of wood	0,7	83,7	85,8	2,5	0,0	5 088	5 358	5,3	270
-Products of wood	1,3	85,0	85,6	0,7	0,0	9 649	10 023	3,9	374
-Paper and paper products	3,8	110,5	104,9	-5,1	-0,2	30 363	30 372	0,0	9
-Publishing	1,9	79,0	81,2	2,8	0,0	10 304	10 536	2,3	232
-Printing, recorded media	2,5	86,0	88,3	2,7	0,1	13 202	13 568	2,8	366
Petroleum, chemical products, rubber and plastic products	22,1	111,0	112,2	1,1	0,3	182 979	209 102	14,3	26 123
-Coke, petroleum products and nuclear fuel	8,5	95,2	95,2	0,0	0,0	65 339	82 953	27,0	17 614
-Basic chemicals	4,5	124,8	127,1	1,8	0,1	37 887	42 758	12,9	4 871
-Other chemical products	5,3	114,0	115,4	1,2	0,1	44 411	45 829	3,2	1 418
-Rubber products	1,0	85,7	95,4	11,3	0,1	8 104	9 288	14,6	1 184
-Plastic products	2,7	140,6	140,2	-0,3	0,0	27 238	28 275	3,8	1 037
Glass and non-metallic mineral products	4,8	92,0	93,0	1,1	0,0	25 938	27 100	4,5	1 162
-Glass and glass products	1,0	113,5	110,8	-2,4	0,0	4 021	4 293	6,8	272
-Non-metallic mineral products	3,8	86,6	88,6	2,3	0,1	21 918	22 807	4,1	889
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,5	90,3	0,9	0,2	186 162	197 860	6,3	11 698
-Basic iron and steel products	7,7	83,9	79,7	-5,0	-0,3	63 144	64 873	2,7	1 729
-Non-ferrous metal products	3,4	98,0	108,5	10,7	0,4	31 649	39 845	25,9	8 196
-Structural metal products	2,0	91,2	89,4	-2,0	0,0	16 997	17 786	4,6	789
-Other fabricated metal products	3,8	105,3	108,7	3,2	0,1	29 796	30 169	1,3	373
-General purpose machinery	2,4	68,1	68,5	0,6	0,0	18 386	18 428	0,2	42
-Special purpose machinery	3,1	88,5	89,8	1,5	0,0	20 382	20 923	2,7	541
-Household appliances	0,6	97,0	97,3	0,3	0,0	5 809	5 836	0,5	27
Electrical machinery	2,5	125,9	127,3	1,1	0,0	25 780	26 698	3,6	918
Radio, television and communication apparatus and professional equipment	1,1	92,0	101,0	9,8	0,1	8 882	9 615	8,3	733
-Radio, television and communication apparatus	0,4	89,1	96,9	8,8	0,0	4 290	4 663	8,7	373
-Professional equipment	0,7	93,9	103,6	10,3	0,1	4 592	4 952	7,8	360
Motor vehicles, parts and accessories and other transport equipment	10,9	94,2	104,1	10,5	1,1	105 581	113 053	7,1	7 472
-Motor vehicles	4,9	82,0	98,0	19,5	0,8	53 276	54 838	2,9	1 562
-Bodies for motor vehicles, trailers and semi-trailers	0,5	117,0	122,5	4,7	0,0	4 919	5 229	6,3	310
-Parts and accessories	4,7	101,1	105,1	4,0	0,2	37 444	41 630	11,2	4 186
-Other transport equipment	0,9	112,3	121,7	8,4	0,1	9 942	11 356	14,2	1 414
Furniture and other manufacturing division	5,2	91,0	93,7	3,0	0,1	35 788	38 567	7,8	2 779
-Furniture	1,3	86,7	88,2	1,7	0,0	6 557	7 146	9,0	589
-Other manufacturing groups	3,9	92,4	95,5	3,4	0,1	29 232	31 421	7,5	2 189
Total	100,0	99,0	100,9	1,9	1,9	821 881	884 042	7,6	62 161

1/ The contribution (percentage points) of a major group or division is calculated by multiplying the difference in the index of the major group or division by the weight of the major group or division and then dividing by the previous period total manufacturing index. Figures have been rounded off.

Explanatory notes

- Introduction**
- 1 Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the Business Register (BR), with enhanced coverage of South African businesses (see 4 below). The release contains monthly indices of the physical volume of manufacturing production and monthly value of sales of manufactured products by divisions and major groups within manufacturing.
 - 2 In accordance with international practice, the indices are re-based every five years to a new base year. The base period of the index is 2005. Both estimated and seasonally adjusted figures are presented.
 - 3 In order to improve timeliness, some information for the latest month had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available.
 - 4 As indicated earlier, Stats SA is continuously updating its BR, 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 indices of the physical volume of manufacturing production. These indices provide an indicator of the real level of manufacturing activity in the economy. They are used in monitoring the state of the economy and formulation of economic policy. They are also important inputs to estimation of the gross domestic product (GDP).
- 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.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for August 2011 was 91,3%. Improved response rate for July 2011 was 93,0%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the 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.

Survey methodology and design

- 11 The survey is conducted monthly. Questionnaires are sent to a sample of 3 029 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 non-respondents.
- 12 The value of sales of manufactured products is obtained monthly from the sample of 3 029 enterprises, which was drawn in April 2011 from a population then of 51 805 manufacturing enterprises. Each manufacturing major group is divided into four size groups. The sample is drawn at the SIC three-digit level. All large enterprises (size group one), are completely enumerated. Simple random sampling is applied for size group two (medium sized) enterprises, and for size groups three and four (small) enterprises. The total value of sales of manufactured products of large enterprises (size group one) in a major group is added to the weighted totals of size groups two, three and four of that major group to reflect the total value of sales of the major group.
- 13 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.
- 14 More direct indicators are used for the value of production of 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 physical 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).

Weighting methodology

- 15 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, which are in line with international best practice, are described in more detail on the Stats SA website at www.statssa.gov.za/publications/publicationsearch.asp
- 16 For indices, a weight is calculated for every major group according to the value added of the major group relative to the total value added of the manufacturing industry as a whole, based on the results of the most recent census of manufacturing or large sample survey of the manufacturing industry. For the period 1998 to 2000, the weights are based on the 1996 Census of Manufacturing. For the period 2001 to 2004, the weights are based on the 2001 large sample survey of the manufacturing industry (LSS) and for the period 2005 to 2011, the weights are based on the 2005 LSS. Weights between census / LSS years are fixed. The production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total physical volume of manufacturing production (see Table D for the fixed weights which were used for the three periods 1998 to 2000, 2001 to 2004 and 2005 to 2011).

Seasonal adjustment

- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 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** 18 The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Programme is used for smoothing seasonally adjusted estimates to estimates of the underlying trend cycle.
- Reliability of estimates** 19 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.
- 20 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.
- Revised figures** 21 Revised figures are due to late submission of data to Stats SA, or respondents reporting revisions or corrections to their figures. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level.
- Related publications** 22 Users may also wish to refer to the following publications available from Stats SA -
- *Bulletin of Statistics* issued quarterly.
 - *SA Statistics* issued annually.
- Rounding-off of figures** 23 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.
- Pre-release policy** 24 Stats SA's pre-release policy may be inspected at its website, www.statssa.gov.za
- Symbols and abbreviations** 25
- | | |
|----------|---|
| BR | Business Register |
| GDP | Gross domestic product |
| ISIC | International Standard Industrial Classification |
| LSS | Large sample survey |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value added tax |
| * | Revised figures |

Technical notes**26 Neyman optimal allocation**

Before drawing a sample in the survey the population of enterprises on the BSF was stratified. Strata were formed using a combination of Standard Industrial Classification variable and the measure of size variable for enterprises. 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: Manufacturing

Enterprise size	Lower limits	Upper limits
Very small	0	15 000 000
Small	15 000 001	39 000 000
Medium	39 000 001	153 000 000
Large	153 000 001	

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.
Index of physical volume of manufacturing production	The index of physical 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 base period is 2005. The production in the base period is set at 100.
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).
Intermediate consumption	Intermediate consumption includes - <ul style="list-style-type: none">• purchases and transfers-in of materials;• payments to other establishments for work done;• other direct factory costs;• rent and leasing paid;• head office charges;• royalties, copyright, trade names and patent rights paid;• advertising;• insurance premiums;• services; and• secretarial and administrative fees.
Output	Output is the aggregate value of goods manufactured and work done and includes - <ul style="list-style-type: none">• sales and transfers-out of own manufactures, factory waste and stocks of factored goods;• repairs;• installation, erection and assembly;• sundry trading revenue;• sales of factored goods minus purchases of factored goods;• rent and leasing received;• royalties received;• difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods;• head office charges; and• other revenue. Output excludes excise and customs duty paid.
Value added	Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.
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.
Turnover	Turnover refers to - <ul style="list-style-type: none">• the value of sales and transfers out of all own manufactured products/articles;• amounts received for work done; and• amounts received for services rendered.

Turnover excludes -

- value added tax (VAT);
- export freight charges; and
- excise duty.

Weight

The weight of a major group of manufacturing in the overall index for manufacturing is the ratio of the value added of the major group (i.e. output of a major group minus intermediate consumption) to the total value added of the manufacturing industry. The weight reflects the importance of the major group in the total. 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 D – Weights according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights according to the 1996 Census of Manufacturing 1998 - 2000	Weights according to the 2001 LSS of the manufacturing industry 2001 - 2004	Weights according to the 2005 LSS of the manufacturing industry 2005 - 2011
Food and beverages	15,3	16,4	15,4
-Meat, fish, fruit, etc.	2,8	2,6	1,8
-Dairy products	1,4	1,1	0,8
-Grain mill products	2,1	1,5	0,8
-Other food products	4,4	6,8	5,2
-Beverages	4,6	4,3	6,8
Textiles, clothing, leather and footwear	7,8	5,4	4,9
-Textiles	1,7	1,2	0,7
-Other textile products	1,2	1,2	0,9
-Knitted, crocheted articles	0,6	0,3	0,2
-Wearing apparel	3,0	2,0	2,1
-Tanning, dressing of leather	0,4	0,3	0,6
-Footwear	0,9	0,4	0,4
Wood and wood products, paper, publishing and printing	11,4	11,0	10,2
-Sawmilling and planing of wood	0,8	0,7	0,7
-Products of wood	1,2	1,0	1,3
-Paper and paper products	5,3	4,8	3,8
-Publishing	1,5	2,4	1,9
-Printing, recorded media	2,6	2,1	2,5
Petroleum, chemical products, rubber and plastic products	19,3	22,5	22,1
-Coke, petroleum products and nuclear fuel	4,2	9,1	8,5
-Basic chemicals	4,5	4,0	4,5
-Other chemical products	6,2	5,4	5,3
-Rubber products	1,4	1,1	1,0
-Plastic products	3,1	3,0	2,7
Glass and non-metallic mineral products	4,5	3,9	4,8
-Glass and glass products	1,0	1,1	1,0
-Non-metallic mineral products	3,5	2,9	3,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	23,6	22,4	22,9
-Basic iron and steel products	7,6	5,5	7,7
-Non-ferrous metal products	3,2	4,7	3,4
-Structural metal products	2,4	1,3	2,0
-Other fabricated metal products	4,6	4,2	3,8
-General purpose machinery	2,5	2,4	2,4
-Special purpose machinery	2,9	3,2	3,1
-Household appliances	0,4	1,2	0,6
Electrical machinery	3,4	2,7	2,5
Radio, television and communication apparatus and professional equipment	1,5	1,3	1,1
-Radio, television and communication apparatus	1,0	0,7	0,4
-Professional equipment	0,5	0,6	0,7
Motor vehicles, parts and accessories and other transport equipment	9,1	8,6	10,9
-Motor vehicles	4,5	4,1	4,9
-Bodies for motor vehicles, trailers and semi -trailers	0,5	0,4	0,5
-Parts and accessories	3,0	3,1	4,7
-Other transport equipment	1,0	1,0	0,9
Other manufacturing divisions	4,1	5,8	5,2
-Furniture	1,6	1,6	1,3
-Other manufacturing groups	2,6	4,2	3,9
Total	100,0	100,0	100,0

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.

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