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Key figures for April 2011

Table A – Manufacturing production and sales

Estimates	April 2011	% change between April 2010 and April 2011	% change between February to April 2010 and February to April 2011	% change between January to April 2010 and January to April 2011
Physical volume of manufacturing production index (base: 2005=100)	95,0	0,4	3,8	3,4
Total estimated sales of manufactured products (R million)	103 017	6,9	8,5	8,0

Seasonally adjusted estimates	April 2011	% change between March and April 2011	% change between November 2010 to January 2011 and February to April 2011
Physical volume of manufacturing production index (base: 2005=100)	102,8	-3,7	2,3
Total value of sales of manufactured products (R million)	111 482	-3,5	3,7

Manufacturing production for April 2011 increased by 0,4% compared with April 2010.

Manufacturing production increased by 0,4% year-on-year in April 2011, lower than the revised 4,9% increase in March 2011 compared with March 2010. The 0,4% increase was mainly driven by higher production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (3,4% and contributing 0,7 of a percentage point), the food and beverages division (3,3% and contributing 0,5 of a percentage point), the petroleum, chemical products, rubber and plastic products division (1,6% and contributing 0,4 of a percentage point) and the furniture and other manufacturing division (3,7% and contributing 0,2 of a percentage point).

However, these increases were partially counteracted by a decrease reported in the motor vehicles, parts and accessories and other transport equipment division (-8,6% and contributing -0,9 of a percentage point) (see Table 4b).

Seasonally adjusted manufacturing production for the three months ended April 2011 increased by 2,3% compared with the previous three months ended January 2011. Five of the ten manufacturing divisions reported positive growth rates over this period.

The increase was mainly due to higher production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (7,2% and contributing 1,4 percentage points), the petroleum, chemical products, rubber and plastic products division (5,9% and contributing 1,4 percentage points), the furniture and other manufacturing division (7,3% and contributing 0,3 of a percentage point) and the radio, television and communication apparatus and professional equipment division (10,1% and contributing 0,1 of a percentage point) (see Table B).

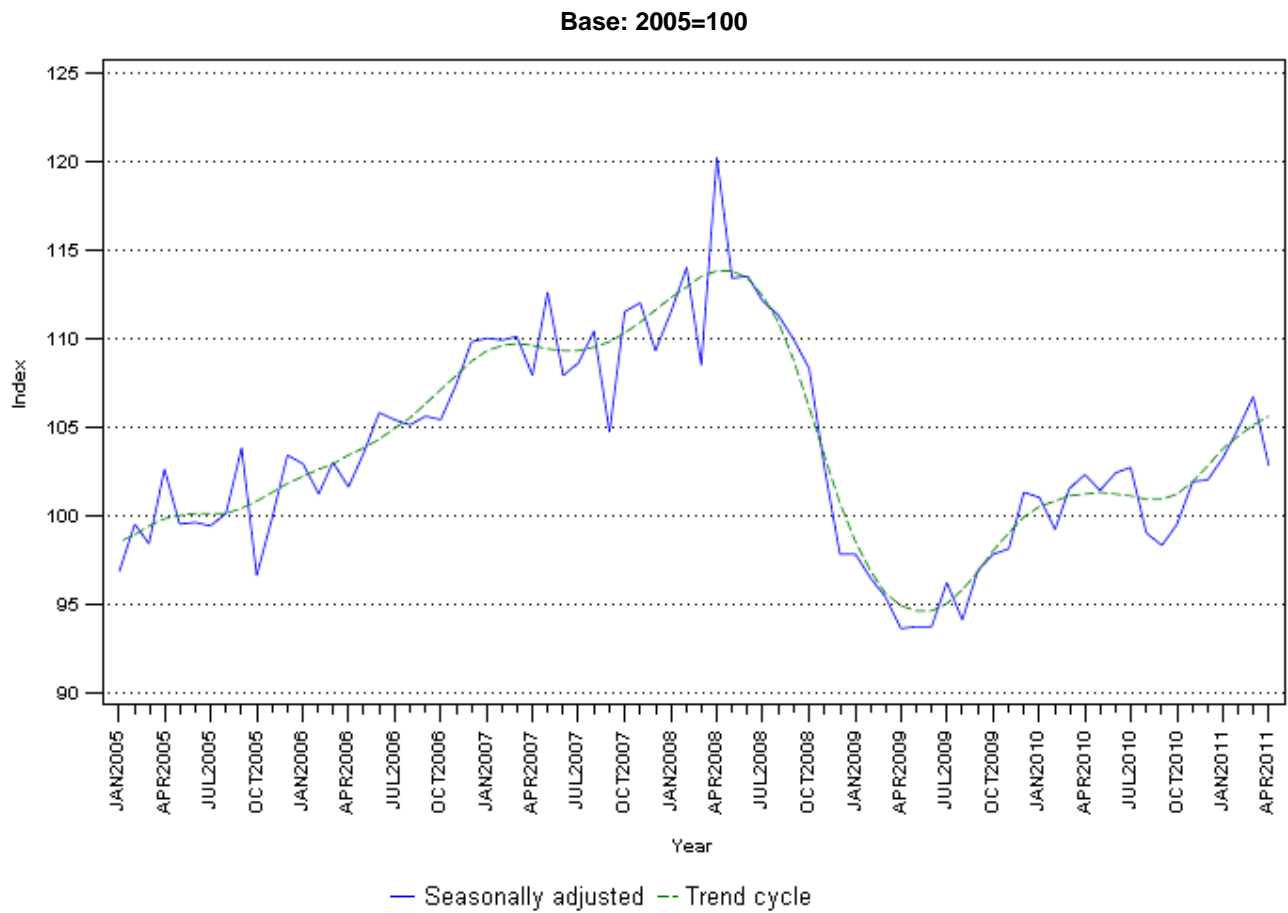
Table B – Contribution of manufacturing divisions and major groups to the total three-monthly seasonally adjusted manufacturing production

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 November 2010 to January 2011	Average seasonally adjusted production index for February to April 2011	Quarterly percentage change of February to April 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	118,2	117,2	-0,8	-0,2
-Meat, fish, fruit, etc.	1,8	119,0	115,7	-2,8	-0,1
-Dairy products	0,8	114,2	118,2	3,5	0,0
-Grain mill products	0,8	106,3	107,9	1,5	0,0
-Other food products	5,2	115,5	115,1	-0,3	0,0
-Beverages	6,8	122,1	120,1	-1,6	-0,1
Textiles, clothing, leather and footwear	4,9	82,0	81,0	-1,2	0,0
-Textiles	1,6	68,9	66,3	-3,8	0,0
-Wearing apparel	2,3	83,1	82,4	-0,8	0,0
-Leather and leather products	0,6	93,5	96,8	3,5	0,0
-Footwear	0,4	108,0	105,2	-2,6	0,0
Wood and wood products, paper, publishing and printing	10,2	99,2	97,3	-1,9	-0,2
-Wood and products of wood	2,0	90,7	86,2	-5,0	-0,1
-Paper and paper products	3,8	113,3	112,3	-0,9	0,0
-Publishing and printing	4,3	90,6	89,1	-1,7	-0,1
Petroleum, chemical products, rubber and plastic products	22,1	110,2	116,7	5,9	1,4
-Coke, petroleum products and nuclear fuel	8,5	85,5	99,9	16,8	1,2
-Basic chemicals	4,5	131,0	132,6	1,2	0,1
-Other chemical products	5,3	118,0	121,0	2,5	0,2
-Rubber products	1,0	91,7	93,9	2,4	0,0
-Plastic products	2,7	145,0	142,6	-1,7	-0,1
Glass and non-metallic mineral products	4,8	92,9	93,3	0,4	0,0
-Glass and glass products	1,0	119,9	117,5	-2,0	0,0
-Non-metallic mineral products	3,8	86,2	87,3	1,3	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	88,3	94,7	7,2	1,4
-Basic iron and steel products	7,7	75,0	93,0	24,0	1,4
-Basic precious, non-ferrous metal products	3,4	105,1	108,0	2,8	0,1
-Fabricated metal products	5,7	106,3	104,8	-1,4	-0,1
-Machinery and equipment	6,1	78,2	79,8	2,0	0,1
Electrical machinery	2,5	132,2	130,2	-1,5	0,0
Radio, television and communication apparatus and professional equipment	1,1	95,9	105,6	10,1	0,1
-Radio, television and communication apparatus	0,4	95,3	99,7	4,6	0,0
-Professional equipment	0,7	96,4	109,4	13,5	0,1
Motor vehicles, parts and accessories and other transport equipment	10,9	108,8	104,6	-3,9	-0,4
-Motor vehicles	4,9	100,9	99,8	-1,1	-0,1
-Bodies for motor vehicles, trailers and semi-trailers	0,5	128,5	130,4	1,5	0,0
-Parts and accessories	4,7	114,1	104,2	-8,7	-0,5
-Other transport equipment	0,9	113,7	118,6	4,3	0,0
Furniture and other manufacturing division	5,2	92,2	98,9	7,3	0,3
-Furniture	1,3	97,3	93,6	-3,8	0,0
-Other manufacturing groups	3,9	90,5	100,6	11,2	0,4
Total	100,0	102,4	104,8	2,3	2,3

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



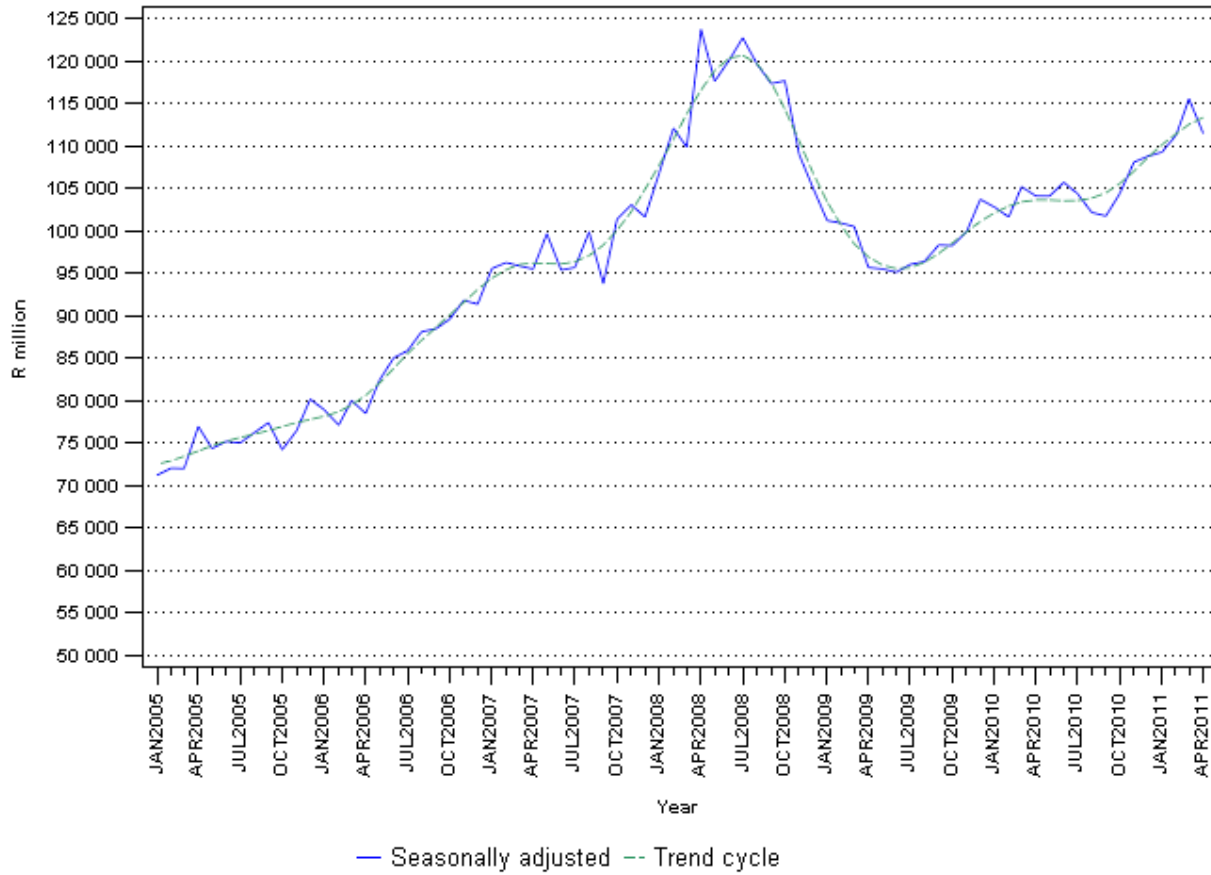
Seasonally adjusted sales of manufactured products at current prices increased by 3,7% (R12 183 million) in the three months ended April 2011 compared with the previous three months ended January 2011. Four of the ten manufacturing divisions reported positive growth rates over this period (see Table C).

The large increases reported by the petroleum, chemical products, rubber and plastic products division (15,9% or R11 368 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (2,7% or R1 883 million) and the food and beverages division (1,6% or R1 035 million) were mainly responsible for the increase in total manufacturing sales (see Table C).

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 November 2010 to January 2011	Seasonally adjusted sales February to April 2011	Percentage change between November 2010 to January 2011 and February to April 2011	Difference in seasonally adjusted sales of manufacturing divisions between November 2010 to January 2011 and February to April 2011
	R'000	R'000	%	R'000
Food and beverages	63 932 359	64 966 952	1,6	1 034 593
-Food and food products	48 001 838	48 996 920	2,1	995 082
-Beverages	15 930 521	15 970 033	0,2	39 512
Textiles, clothing, leather and footwear	9 200 146	9 147 615	-0,6	-52 531
-Textiles	3 678 292	3 673 719	-0,1	-4 573
-Wearing apparel	3 523 435	3 439 719	-2,4	-83 716
-Leather and leather products	1 064 071	1 094 387	2,8	30 316
-Footwear	934 349	939 787	0,6	5 438
Wood and wood products, paper, publishing and printing	28 084 069	27 555 892	-1,9	-528 177
-Wood and products of wood	6 009 847	5 869 208	-2,3	-140 639
-Paper and paper products	12 890 681	12 727 936	-1,3	-162 745
-Publishing and printing	9 183 543	8 958 749	-2,4	-224 794
Petroleum, chemical products, rubber and plastic products	71 596 363	82 964 164	15,9	11 367 801
-Coke, petroleum products and nuclear fuel	23 109 194	33 766 480	46,1	10 657 286
-Basic chemicals	16 624 784	16 700 534	0,5	75 750
-Other chemical products	17 819 834	18 278 622	2,6	458 788
-Rubber products	3 319 531	3 391 672	2,2	72 141
-Plastic products	10 723 019	10 826 856	1,0	103 837
Glass and non-metallic mineral products	10 587 720	10 480 790	-1,0	-106 930
-Glass and glass products	1 884 137	1 798 359	-4,6	-85 778
-Non-metallic mineral products	8 703 582	8 682 431	-0,2	-21 151
Basic iron and steel, non-ferrous metal products, metal products and machinery	70 762 054	72 645 044	2,7	1 882 990
-Basic iron and steel products	25 238 172	26 357 923	4,4	1 119 751
-Basic precious, non-ferrous metal products	13 939 256	14 459 222	3,7	519 966
-Fabricated metal products	16 074 724	16 181 242	0,7	106 518
-Machinery and equipment	15 509 902	15 646 658	0,9	136 756
Electrical machinery	9 801 610	9 798 547	0,0	-3 063
Radio, television and communication apparatus and professional equipment	3 379 232	3 584 218	6,1	204 986
-Radio, television and communication apparatus	1 500 200	1 514 270	0,9	14 070
-Professional equipment	1 879 031	2 069 949	10,2	190 918
Motor vehicles, parts and accessories and other transport equipment	43 111 690	42 490 073	-1,4	-621 617
-Motor vehicles, trailers, parts and accessories	39 139 517	38 235 448	-2,3	-904 069
-Other transport equipment	3 972 174	4 254 625	7,1	282 451
Furniture and other manufacturing division	15 694 293	14 699 589	-6,3	-994 704
-Furniture	3 310 670	3 243 733	-2,0	-66 937
-Other manufacturing groups	12 383 621	11 455 856	-7,5	-927 765
Total	326 149 538	338 332 885	3,7	12 183 347

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	85,2	89,8	95,3	96,0	83,6	86,3	87,8
Feb	95,5	96,8	104,9	108,5	91,7	94,1	1/ 99,6
Mar	101,7	106,3	113,5	111,9	98,5	105,1	1/ 110,3
Apr	96,2	95,4	100,8	111,7	87,0	94,6	1/ 95,0
May	100,3	104,3	113,2	114,1	94,0	101,7	
Jun	100,1	106,6	109,0	114,9	94,9	103,7	
Jul	100,9	107,4	111,1	115,1	98,9	105,9	
Aug	103,3	108,8	114,3	114,8	96,7	101,7	
Sep	107,5	109,7	108,8	114,2	100,8	102,1	
Oct	106,9	117,0	124,1	121,1	109,2	111,7	
Nov	110,7	119,0	124,2	114,3	108,5	113,5	
Dec	91,4	96,9	96,5	87,9	90,5	90,8	
Year	100,0	104,8	109,6	110,4	96,2	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	3,1	5,4	6,1	0,7	-12,9	3,2	1,7
Feb	4,4	1,4	8,4	3,4	-15,5	2,6	5,8
Mar	0,9	4,5	6,8	-1,4	-12,0	6,7	4,9
Apr	8,2	-0,8	5,7	10,8	-22,1	8,7	0,4
May	1,6	4,0	8,5	0,8	-17,6	8,2	
Jun	2,6	6,5	2,3	5,4	-17,4	9,3	
Jul	0,9	6,4	3,4	3,6	-14,1	7,1	
Aug	3,0	5,3	5,1	0,4	-15,8	5,2	
Sep	5,1	2,0	-0,8	5,0	-11,7	1,3	
Oct	-1,2	9,4	6,1	-2,4	-9,8	2,3	
Nov	3,0	7,5	4,4	-8,0	-5,1	4,6	
Dec	5,1	6,0	-0,4	-8,9	3,0	0,3	
Year	3,0	4,8	4,6	0,7	-12,9	4,9	

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	96,8	102,9	110,0	111,5	97,8	101,0	103,3
Feb	99,5	101,2	109,9	114,0	96,4	99,2	105,0
Mar	98,4	103,0	110,1	108,5	95,4	101,5	106,7
Apr	102,6	101,6	107,9	120,2	93,6	102,3	102,8
May	99,5	103,5	112,6	113,4	93,7	101,4	
Jun	99,6	105,8	107,9	113,5	93,7	102,4	
Jul	99,4	105,4	108,6	112,1	96,2	102,7	
Aug	100,1	105,1	110,4	111,3	94,1	99,0	
Sep	103,8	105,6	104,7	109,9	96,9	98,3	
Oct	96,6	105,4	111,5	108,3	97,8	99,5	
Nov	99,9	107,4	112,0	102,6	98,1	101,9	
Dec	103,4	109,8	109,3	97,8	101,3	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		
			April 2010	1/ March 2011	1/ April 2011	April 2010	March 2011	April 2011
Food and beverages	15,4	116,5	101,5	117,4	104,8	112,0	117,9	116,2
-Meat, fish, fruit, etc.	1,8	115,4	104,4	127,9	112,0	107,9	115,9	116,1
-Dairy products	0,8	111,6	100,3	117,0	111,5	107,6	117,5	119,7
-Grain mill products	0,8	110,4	99,0	119,4	97,7	106,6	109,9	105,8
-Other food products	5,2	116,4	104,4	101,4	102,3	115,6	115,0	113,5
-Beverages	6,8	118,2	99,0	126,6	105,0	111,6	121,6	119,1
Textiles, clothing, leather and footwear	4,9	84,1	84,4	88,0	78,3	86,1	82,9	79,8
-Textiles	0,7	66,5	65,6	75,4	55,5	69,9	65,2	59,0
-Other textile products	0,9	73,1	73,3	73,7	63,3	76,2	70,7	66,2
-Knitted, crocheted articles	0,2	103,6	124,4	122,2	124,4	111,7	107,1	110,4
-Wearing apparel	2,1	86,5	85,4	86,5	80,8	85,8	82,3	81,3
-Leather and leather products	0,6	90,4	93,2	102,8	93,4	94,5	98,4	94,4
-Footwear	0,4	107,3	105,7	112,0	94,8	113,3	108,2	101,6
Wood and wood products, paper, publishing and printing	10,2	96,6	85,8	101,6	85,8	94,8	98,1	95,1
-Sawmilling and planing of wood	0,7	84,0	80,8	94,9	74,8	87,4	86,7	80,9
-Products of wood	1,3	87,7	78,5	90,6	79,3	84,9	88,1	86,2
-Paper and paper products	3,8	113,3	100,7	119,6	99,9	110,4	115,2	109,9
-Publishing	1,9	81,1	74,4	87,5	77,6	81,8	84,1	85,2
-Printing, recorded media	2,5	90,6	76,6	91,9	76,7	87,5	90,8	88,0
Petroleum, chemical products, rubber and plastic products	22,1	111,3	107,5	121,0	109,2	112,5	118,8	114,2
-Coke, petroleum products and nuclear fuel	8,5	92,8	89,7	102,6	97,0	90,8	102,2	98,2
-Basic chemicals	4,5	126,2	120,4	125,4	118,8	129,7	134,4	127,9
-Other chemical products	5,3	117,2	113,1	134,2	112,1	119,4	122,8	118,6
-Rubber products	1,0	82,5	85,6	111,0	82,8	92,4	99,4	89,7
-Plastic products	2,7	143,4	139,0	148,9	134,9	146,0	144,0	141,9
Glass and non-metallic mineral products	4,8	93,9	87,1	97,7	85,6	92,4	95,5	90,9
-Glass and glass products	1,0	120,7	109,2	105,0	107,1	118,3	116,3	116,6
-Non-metallic mineral products	3,8	87,2	81,6	95,9	80,2	85,9	90,3	84,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	87,2	101,1	90,2	92,2	95,9	95,0
-Basic iron and steel products	7,7	80,1	82,1	91,0	94,0	84,3	92,2	96,2
-Non-ferrous metal products	3,4	100,3	97,7	112,0	107,7	99,7	107,3	109,8
-Structural metal products	2,0	92,9	100,2	97,8	83,7	105,9	96,7	88,4
-Other fabricated metal products	3,8	106,1	99,5	124,4	103,5	104,2	114,4	108,3
-General purpose machinery	2,4	70,1	63,7	73,4	62,8	69,3	71,9	68,6
-Special purpose machinery	3,1	89,9	81,4	107,9	70,6	96,2	87,4	83,6
-Household appliances	0,6	98,4	93,5	108,1	89,3	101,1	99,0	96,6
Electrical machinery	2,5	127,6	126,5	147,7	116,7	134,4	134,8	123,7
Radio, television and communication apparatus and professional equipment	1,1	94,2	85,0	102,7	95,6	93,9	103,0	105,5
-Radio, television and communication apparatus	0,4	92,0	79,9	95,2	78,0	90,1	93,3	88,0
-Professional equipment	0,7	95,7	88,2	107,5	106,8	96,3	109,1	116,7
Motor vehicles, parts and accessories and other transport equipment	10,9	96,0	90,5	117,7	82,7	102,8	109,0	94,6
-Motor vehicles	4,9	85,5	77,5	114,4	72,2	96,1	105,7	90,1
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	113,3	146,2	124,7	117,3	136,0	129,3
-Parts and accessories	4,7	100,2	101,7	113,1	86,5	107,5	106,9	91,3
-Other transport equipment	0,9	117,8	91,2	144,1	98,0	107,2	123,6	116,9
Furniture and other manufacturing division	5,2	91,8	80,9	101,1	83,9	99,2	101,7	104,0
-Furniture	1,3	92,1	84,7	88,5	83,6	92,9	97,8	91,8
-Other manufacturing groups	3,9	91,7	79,6	105,4	84,0	101,3	102,9	108,0
Total	100,0	100,9	94,6	110,3	95,0	102,3	106,7	102,8

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		
			April 2010	1/ April 2011	Percentage change between April 2010 and April 2011	March 2011	April 2011	Percentage change between March and April 2011
Food and beverages	15,4	116,5	101,5	104,8	3,3	117,9	116,2	-1,4
-Meat, fish, fruit, etc.	1,8	115,4	104,4	112,0	7,3	115,9	116,1	0,2
-Dairy products	0,8	111,6	100,3	111,5	11,2	117,5	119,7	1,9
-Grain mill products	0,8	110,4	99,0	97,7	-1,3	109,9	105,8	-3,7
-Other food products	5,2	116,4	104,4	102,3	-2,0	115,0	113,5	-1,3
-Beverages	6,8	118,2	99,0	105,0	6,1	121,6	119,1	-2,1
Textiles, clothing, leather and footwear	4,9	84,1	84,4	78,3	-7,2	82,9	79,8	-3,7
-Textiles	0,7	66,5	65,6	55,5	-15,4	65,2	59,0	-9,5
-Other textile products	0,9	73,1	73,3	63,3	-13,6	70,7	66,2	-6,4
-Knitted, crocheted articles	0,2	103,6	124,4	124,4	0,0	107,1	110,4	3,1
-Wearing apparel	2,1	86,5	85,4	80,8	-5,4	82,3	81,3	-1,2
-Leather and leather products	0,6	90,4	93,2	93,4	0,2	98,4	94,4	-4,1
-Footwear	0,4	107,3	105,7	94,8	-10,3	108,2	101,6	-6,1
Wood and wood products, paper, publishing and printing	10,2	96,6	85,8	85,8	0,0	98,1	95,1	-3,1
-Sawmilling and planing of wood	0,7	84,0	80,8	74,8	-7,4	86,7	80,9	-6,7
-Products of wood	1,3	87,7	78,5	79,3	1,0	88,1	86,2	-2,2
-Paper and paper products	3,8	113,3	100,7	99,9	-0,8	115,2	109,9	-4,6
-Publishing	1,9	81,1	74,4	77,6	4,3	84,1	85,2	1,3
-Printing, recorded media	2,5	90,6	76,6	76,7	0,1	90,8	88,0	-3,1
Petroleum, chemical products, rubber and plastic products	22,1	111,3	107,5	109,2	1,6	118,8	114,2	-3,9
-Coke, petroleum products and nuclear fuel	8,5	92,8	89,7	97,0	8,1	102,2	98,2	-3,9
-Basic chemicals	4,5	126,2	120,4	118,8	-1,3	134,4	127,9	-4,8
-Other chemical products	5,3	117,2	113,1	112,1	-0,9	122,8	118,6	-3,4
-Rubber products	1,0	82,5	85,6	82,8	-3,3	99,4	89,7	-9,8
-Plastic products	2,7	143,4	139,0	134,9	-2,9	144,0	141,9	-1,5
Glass and non-metallic mineral products	4,8	93,9	87,1	85,6	-1,7	95,5	90,9	-4,8
-Glass and glass products	1,0	120,7	109,2	107,1	-1,9	116,3	116,6	0,3
-Non-metallic mineral products	3,8	87,2	81,6	80,2	-1,7	90,3	84,5	-6,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	87,2	90,2	3,4	95,9	95,0	-0,9
-Basic iron and steel products	7,7	80,1	82,1	94,0	14,5	92,2	96,2	4,3
-Non-ferrous metal products	3,4	100,3	97,7	107,7	10,2	107,3	109,8	2,3
-Structural metal products	2,0	92,9	100,2	83,7	-16,5	96,7	88,4	-8,6
-Other fabricated metal products	3,8	106,1	99,5	103,5	4,0	114,4	108,3	-5,3
-General purpose machinery	2,4	70,1	63,7	62,8	-1,4	71,9	68,6	-4,6
-Special purpose machinery	3,1	89,9	81,4	70,6	-13,3	87,4	83,6	-4,3
-Household appliances	0,6	98,4	93,5	89,3	-4,5	99,0	96,6	-2,4
Electrical machinery	2,5	127,6	126,5	116,7	-7,7	134,8	123,7	-8,2
Radio, television and communication apparatus and professional equipment	1,1	94,2	85,0	95,6	12,5	103,0	105,5	2,4
-Radio, television and communication apparatus	0,4	92,0	79,9	78,0	-2,4	93,3	88,0	-5,7
-Professional equipment	0,7	95,7	88,2	106,8	21,1	109,1	116,7	7,0
Motor vehicles, parts and accessories and other transport equipment	10,9	96,0	90,5	82,7	-8,6	109,0	94,6	-13,2
-Motor vehicles	4,9	85,5	77,5	72,2	-6,8	105,7	90,1	-14,8
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	113,3	124,7	10,1	136,0	129,3	-4,9
-Parts and accessories	4,7	100,2	101,7	86,5	-14,9	106,9	91,3	-14,6
-Other transport equipment	0,9	117,8	91,2	98,0	7,5	123,6	116,9	-5,4
Furniture and other manufacturing division	5,2	91,8	80,9	83,9	3,7	101,7	104,0	2,3
-Furniture	1,3	92,1	84,7	83,6	-1,3	97,8	91,8	-6,1
-Other manufacturing groups	3,9	91,7	79,6	84,0	5,5	102,9	108,0	5,0
Total	100,0	100,9	94,6	95,0	0,4	106,7	102,8	-3,7

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	60 063 082	66 484 938	80 538 318	90 120 929	84 819 210	86 164 210	91 669 648
Feb	69 193 109	73 901 384	91 988 434	106 616 455	96 192 926	96 905 945	1/ 105 667 800
Mar	73 858 342	82 047 327	98 673 703	112 950 687	103 814 911	109 176 123	1/ 119 456 962
Apr	72 381 184	73 494 509	89 107 318	115 062 249	88 797 741	96 353 590	1/ 103 016 634
May	74 601 624	82 575 109	100 003 365	118 293 383	95 133 046	103 770 879	
Jun	76 071 471	86 293 995	97 130 007	122 894 285	96 891 148	107 804 180	
Jul	76 103 755	87 489 215	97 758 776	126 353 845	98 368 052	107 176 982	
Aug	78 533 270	91 130 164	103 286 147	124 293 826	99 412 537	104 965 646	
Sep	81 576 570	93 387 334	98 938 121	123 806 867	103 482 347	107 149 992	
Oct	81 457 255	98 505 874	111 757 950	129 941 379	108 453 282	115 388 206	
Nov	85 122 282	101 894 005	114 304 668	120 894 966	110 596 379	119 676 668	
Dec	72 412 763	81 621 089	90 693 690	94 770 345	94 154 368	98 464 430	
Year	901 374 707	1 018 824 943	1 174 180 497	1 385 999 216	1 180 115 947	1 252 996 851	

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	5,1	10,7	21,1	11,9	-5,9	1,6	6,4
Feb	4,0	6,8	24,5	15,9	-9,8	0,7	9,0
Mar	1,4	11,1	20,3	14,5	-8,1	5,2	9,4
Apr	11,0	1,5	21,2	29,1	-22,8	8,5	6,9
May	4,7	10,7	21,1	18,3	-19,6	9,1	
Jun	7,0	13,4	12,6	26,5	-21,2	11,3	
Jul	6,1	15,0	11,7	29,3	-22,1	9,0	
Aug	8,5	16,0	13,3	20,3	-20,0	5,6	
Sep	7,7	14,5	5,9	25,1	-16,4	3,5	
Oct	4,2	20,9	13,5	16,3	-16,5	6,4	
Nov	5,7	19,7	12,2	5,8	-8,5	8,2	
Dec	9,8	12,7	11,1	4,5	-0,6	4,6	
Year	6,2	13,0	15,2	18,0	-14,9	6,2	

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	71 178 072	78 873 112	95 542 489	106 837 800	101 212 992	102 788 468	109 279 556
Feb	72 006 906	77 080 556	96 255 886	112 096 414	100 900 864	101 628 348	111 293 536
Mar	71 964 647	79 964 912	95 870 969	109 856 320	100 499 088	105 194 494	115 557 568
Apr	76 926 211	78 476 928	95 493 853	123 722 860	95 669 948	104 103 956	111 481 781
May	74 333 077	82 380 953	99 652 583	117 647 229	95 512 341	104 088 008	
Jun	75 170 767	85 015 063	95 371 783	120 090 523	95 112 175	105 708 692	
Jul	74 972 790	85 846 084	95 679 141	122 752 902	96 033 137	104 366 176	
Aug	76 192 136	88 106 808	99 863 446	119 667 842	96 366 800	102 160 093	
Sep	77 377 689	88 440 882	93 785 753	117 358 783	98 317 028	101 749 486	
Oct	74 187 773	89 571 102	101 388 452	117 691 677	98 253 920	104 388 578	
Nov	76 405 817	91 800 581	103 068 403	109 001 947	99 882 568	108 089 603	
Dec	80 140 609	91 344 536	101 625 083	105 077 691	103 707 545	108 780 379	

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		
		April 2010	1/ March 2011	1/ April 2011	April 2010	March 2011	April 2011
Food and beverages	247 861 866	18 458 359	22 048 200	20 413 293	19 669 830	21 967 032	21 803 706
-Meat, fish, fruit, etc.	68 098 286	5 030 209	6 437 859	5 709 435	5 327 192	6 107 222	6 060 718
-Dairy products	21 766 971	1 672 589	1 942 579	1 784 292	1 778 099	1 892 999	1 894 209
-Grain mill products	41 600 010	3 121 180	4 003 976	3 339 061	3 328 754	3 875 768	3 580 348
-Other food products	54 886 397	4 203 072	4 268 591	4 799 701	4 376 507	4 647 351	5 018 459
-Beverages	61 510 202	4 431 309	5 395 195	4 780 804	4 859 278	5 443 692	5 249 972
Textiles, clothing, leather and footwear	37 440 194	3 182 555	3 280 117	2 974 564	3 272 547	3 075 564	3 059 343
-Textiles	5 511 661	451 833	541 278	448 125	460 880	475 078	458 771
-Other textile products	9 422 156	849 447	785 496	724 151	888 461	745 479	757 923
-Knitted, crocheted articles	1 789 747	180 136	175 556	178 767	163 473	151 076	160 471
-Wearing apparel	12 946 861	1 078 064	1 050 818	989 772	1 100 278	1 002 961	1 011 204
-Leather and leather products	4 031 752	329 186	405 807	347 600	336 770	376 307	356 324
-Footwear	3 738 017	293 889	321 162	286 149	322 684	324 662	314 649
Wood and wood products, paper, publishing and printing	108 331 794	7 943 487	9 708 424	8 075 888	8 905 540	9 342 873	9 077 855
-Sawmilling and planing of wood	7 162 177	571 933	665 842	519 052	624 022	637 865	567 799
-Products of wood	15 674 954	1 195 659	1 402 113	1 222 667	1 294 145	1 395 742	1 328 877
-Paper and paper products	50 588 982	3 620 920	4 668 397	3 676 086	4 104 422	4 429 388	4 173 718
-Publishing	14 395 096	1 105 358	1 271 210	1 186 381	1 203 672	1 229 033	1 290 702
-Printing, recorded media	20 510 585	1 449 617	1 700 862	1 471 702	1 679 279	1 650 846	1 716 759
Petroleum, chemical products, rubber and plastic products	281 192 361	21 427 285	28 131 851	25 790 933	23 101 397	28 550 767	27 875 290
-Coke, petroleum products and nuclear fuel	96 580 234	7 155 553	10 672 898	10 973 564	7 654 397	11 854 096	11 764 551
-Basic chemicals	60 915 156	4 438 091	5 788 504	4 799 015	4 923 411	5 668 217	5 370 120
-Other chemical products	69 496 277	5 491 160	6 537 221	5 626 319	5 872 544	6 163 428	6 032 898
-Rubber products	12 022 322	968 083	1 343 265	1 010 459	1 053 817	1 153 687	1 103 199
-Plastic products	42 178 372	3 374 398	3 789 963	3 381 576	3 597 228	3 711 339	3 604 522
Glass and non-metallic mineral products	41 053 595	3 075 276	3 752 098	3 102 293	3 378 444	3 608 422	3 417 296
-Glass and glass products	7 022 938	494 115	524 332	514 815	560 251	587 097	585 913
-Non-metallic mineral products	34 030 657	2 581 161	3 227 766	2 587 478	2 818 193	3 021 325	2 831 383
Basic iron and steel, non-ferrous metal products, metal products and machinery	267 417 493	21 643 321	26 327 960	21 762 486	23 213 239	24 953 410	23 378 569
-Basic iron and steel products	91 933 429	7 822 562	9 078 919	7 965 916	8 297 038	9 081 959	8 469 303
-Non-ferrous metal products	48 179 393	4 028 350	5 315 757	4 260 840	4 211 705	5 039 736	4 459 488
-Structural metal products	21 961 423	1 876 240	2 110 716	1 690 012	1 970 137	1 992 277	1 779 093
-Other fabricated metal products	40 294 797	3 126 710	3 730 767	3 161 181	3 387 512	3 468 045	3 435 680
-General purpose machinery	27 319 528	2 022 597	2 348 872	2 070 982	2 171 932	2 301 790	2 231 965
-Special purpose machinery	28 035 881	2 014 459	2 858 168	1 856 782	2 376 824	2 258 931	2 199 416
-Household appliances	9 693 042	752 403	884 761	756 773	798 090	810 672	803 625
-Electrical machinery	37 583 772	2 992 479	3 697 809	2 867 089	3 125 575	3 473 302	3 001 355
Radio, television and communication apparatus and professional equipment	13 079 544	960 322	1 112 693	1 137 629	1 052 254	1 068 088	1 244 929
-Radio, television and communication apparatus	5 511 967	414 245	417 767	453 901	455 458	403 073	497 424
-Professional equipment	7 567 577	546 077	694 926	683 728	596 797	665 016	747 505
Motor vehicles, parts and accessories and other transport equipment	162 365 788	12 163 831	16 500 828	12 100 422	13 618 989	14 335 443	13 562 311
-Motor vehicles	82 269 350	6 173 962	8 213 247	5 735 094	7 082 966	6 889 528	6 577 455
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	598 776	773 669	672 238	618 265	742 105	692 559
-Parts and accessories	56 427 275	4 359 104	5 802 798	4 521 331	4 704 545	5 214 269	4 894 574
-Other transport equipment	16 057 941	1 031 989	1 711 114	1 171 759	1 213 211	1 489 541	1 397 723
Furniture and other manufacturing division	56 670 444	4 506 675	4 896 982	4 792 037	4 766 141	5 182 667	5 061 126
-Furniture	12 033 883	907 840	1 011 592	960 468	997 224	1 118 720	1 056 489
-Other manufacturing groups	44 636 561	3 598 835	3 885 390	3 831 569	3 768 917	4 063 947	4 004 638
Total	1 252 996 851	96 353 590	119 456 962	103 016 634	104 103 956	115 557 568	111 481 781

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		
		April 2010	1/ April 2011	Percentage change between April 2010 and April 2011	March 2011	April 2011	Percentage change between March and April 2011
Food and beverages	247 861 866	18 458 359	20 413 293	10,6	21 967 032	21 803 706	-0,7
-Meat, fish, fruit, etc.	68 098 286	5 030 209	5 709 435	13,5	6 107 222	6 060 718	-0,8
-Dairy products	21 766 971	1 672 589	1 784 292	6,7	1 892 999	1 894 209	0,1
-Grain mill products	41 600 010	3 121 180	3 339 061	7,0	3 875 768	3 580 348	-7,6
-Other food products	54 886 397	4 203 072	4 799 701	14,2	4 647 351	5 018 459	8,0
-Beverages	61 510 202	4 431 309	4 780 804	7,9	5 443 692	5 249 972	-3,6
Textiles, clothing, leather and footwear	37 440 194	3 182 555	2 974 564	-6,5	3 075 564	3 059 343	-0,5
-Textiles	5 511 661	451 833	448 125	-0,8	475 078	458 771	-3,4
-Other textile products	9 422 156	849 447	724 151	-14,8	745 479	757 923	1,7
-Knitted, crocheted articles	1 789 747	180 136	178 767	-0,8	151 076	160 471	6,2
-Wearing apparel	12 946 861	1 078 064	989 772	-8,2	1 002 961	1 011 204	0,8
-Leather and leather products	4 031 752	329 186	347 600	5,6	376 307	356 324	-5,3
-Footwear	3 738 017	293 889	286 149	-2,6	324 662	314 649	-3,1
Wood and wood products, paper, publishing and printing	108 331 794	7 943 487	8 075 888	1,7	9 342 873	9 077 855	-2,8
-Sawmilling and planing of wood	7 162 177	571 933	519 052	-9,2	637 865	567 799	-11,0
-Products of wood	15 674 954	1 195 659	1 222 667	2,3	1 395 742	1 328 877	-4,8
-Paper and paper products	50 588 982	3 620 920	3 676 086	1,5	4 429 388	4 173 718	-5,8
-Publishing	14 395 096	1 105 358	1 186 381	7,3	1 229 033	1 290 702	5,0
-Printing, recorded media	20 510 585	1 449 617	1 471 702	1,5	1 650 846	1 716 759	4,0
Petroleum, chemical products, rubber and plastic products	281 192 361	21 427 285	25 790 933	20,4	28 550 767	27 875 290	-2,4
-Coke, petroleum products and nuclear fuel	96 580 234	7 155 553	10 973 564	53,4	11 854 096	11 764 551	-0,8
-Basic chemicals	60 915 156	4 438 091	4 799 015	8,1	5 668 217	5 370 120	-5,3
-Other chemical products	69 496 277	5 491 160	5 626 319	2,5	6 163 428	6 032 898	-2,1
-Rubber products	12 022 322	968 083	1 010 459	4,4	1 153 687	1 103 199	-4,4
-Plastic products	42 178 372	3 374 398	3 381 576	0,2	3 711 339	3 604 522	-2,9
Glass and non-metallic mineral products	41 053 595	3 075 276	3 102 293	0,9	3 608 422	3 417 296	-5,3
-Glass and glass products	7 022 938	494 115	514 815	4,2	587 097	585 913	-0,2
-Non-metallic mineral products	34 030 657	2 581 161	2 587 478	0,2	3 021 325	2 831 383	-6,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	267 417 493	21 643 321	21 762 486	0,6	24 953 410	23 378 569	-6,3
-Basic iron and steel products	91 933 429	7 822 562	7 965 916	1,8	9 081 959	8 469 303	-6,7
-Non-ferrous metal products	48 179 393	4 028 350	4 260 840	5,8	5 039 736	4 459 488	-11,5
-Structural metal products	21 961 423	1 876 240	1 690 012	-9,9	1 992 277	1 779 093	-10,7
-Other fabricated metal products	40 294 797	3 126 710	3 161 181	1,1	3 468 045	3 435 680	-0,9
-General purpose machinery	27 319 528	2 022 597	2 070 982	2,4	2 301 790	2 231 965	-3,0
-Special purpose machinery	28 035 881	2 014 459	1 856 782	-7,8	2 258 931	2 199 416	-2,6
-Household appliances	9 693 042	752 403	756 773	0,6	810 672	803 625	-0,9
Electrical machinery	37 583 772	2 992 479	2 867 089	-4,2	3 473 302	3 001 355	-13,6
Radio, television and communication apparatus and professional equipment	13 079 544	960 322	1 137 629	18,5	1 068 088	1 244 929	16,6
-Radio, television and communication apparatus	5 511 967	414 245	453 901	9,6	403 073	497 424	23,4
-Professional equipment	7 567 577	546 077	683 728	25,2	665 016	747 505	12,4
Motor vehicles, parts and accessories and other transport equipment	162 365 788	12 163 831	12 100 422	-0,5	14 335 443	13 562 311	-5,4
-Motor vehicles	82 269 350	6 173 962	5 735 094	-7,1	6 889 528	6 577 455	-4,5
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	598 776	672 238	12,3	742 105	692 559	-6,7
-Parts and accessories	56 427 275	4 359 104	4 521 331	3,7	5 214 269	4 894 574	-6,1
-Other transport equipment	16 057 941	1 031 989	1 171 759	13,5	1 489 541	1 397 723	-6,2
Furniture and other manufacturing division	56 670 444	4 506 675	4 792 037	6,3	5 182 667	5 061 126	-2,3
-Furniture	12 033 883	907 840	960 468	5,8	1 118 720	1 056 489	-5,6
-Other manufacturing groups	44 636 561	3 598 835	3 831 569	6,5	4 063 947	4 004 638	-1,5
Total	1 252 996 851	96 353 590	103 016 634	6,9	115 557 568	111 481 781	-3,5

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	Weight 2005	Production indices (base: 2005=100)			Value of sales (R'000)		
		Feb. to Apr. 2010	Feb. to Apr. 2011	Annual percentage change between Feb. to Apr. 2010 and Feb. to Apr. 2011	Feb. to Apr. 2010	Feb. to Apr. 2011	Annual percentage change between Feb. to Apr. 2010 and Feb. to Apr. 2011
Food and beverages	15,4	106,8	109,7	2,7	58 754 774	62 584 205	6,5
-Meat, fish, fruit, etc.	1,8	112,6	116,7	3,6	16 138 439	17 709 770	9,7
-Dairy products	0,8	101,4	112,8	11,2	5 157 649	5 496 082	6,6
-Grain mill products	0,8	105,9	105,3	-0,6	10 051 731	10 602 818	5,5
-Other food products	5,2	96,0	98,9	3,0	12 637 100	13 251 601	4,9
-Beverages	6,8	114,3	116,2	1,7	14 769 855	15 523 934	5,1
Textiles, clothing, leather and footwear	4,9	86,5	82,2	-5,0	9 656 311	9 214 464	-4,6
-Textiles	0,7	73,4	65,2	-11,2	1 473 484	1 470 706	-0,2
-Other textile products	0,9	76,7	71,8	-6,4	2 502 295	2 298 739	-8,1
-Knitted, crocheted articles	0,2	121,3	117,0	-3,5	518 393	504 702	-2,6
-Wearing apparel	2,1	87,6	81,0	-7,5	3 280 702	2 946 421	-10,2
-Leather and leather products	0,6	90,9	99,1	9,0	1 007 514	1 122 706	11,4
-Footwear	0,4	103,6	100,0	-3,5	873 923	871 190	-0,3
Wood and wood products, paper, publishing and printing	10,2	91,1	94,1	3,3	25 451 458	26 580 659	4,4
-Sawmilling and planing of wood	0,7	85,0	84,2	-0,9	1 794 455	1 778 976	-0,9
-Products of wood	1,3	83,0	84,8	2,2	3 731 339	3 894 596	4,4
-Paper and paper products	3,8	106,5	107,9	1,3	11 698 209	12 217 551	4,4
-Publishing	1,9	78,7	82,3	4,6	3 531 502	3 661 784	3,7
-Printing, recorded media	2,5	82,3	89,2	8,4	4 695 953	5 027 752	7,1
Petroleum, chemical products, rubber and plastic products	22,1	107,0	113,0	5,6	65 067 263	77 810 504	19,6
-Coke, petroleum products and nuclear fuel	8,5	85,3	95,4	11,8	20 929 315	29 980 271	43,2
-Basic chemicals	4,5	117,2	123,1	5,0	13 820 210	15 831 646	14,6
-Other chemical products	5,3	117,9	121,2	2,8	16 865 673	17 951 059	6,4
-Rubber products	1,0	88,7	97,3	9,7	3 138 122	3 529 996	12,5
-Plastic products	2,7	143,6	140,2	-2,4	10 313 943	10 517 532	2,0
Glass and non-metallic mineral products	4,8	88,7	90,0	1,5	9 707 450	10 170 493	4,8
-Glass and glass products	1,0	110,3	110,4	0,1	1 500 942	1 641 852	9,4
-Non-metallic mineral products	3,8	83,3	84,8	1,8	8 206 508	8 528 641	3,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	90,9	93,0	2,3	67 216 924	70 822 374	5,4
-Basic iron and steel products	7,7	83,7	88,5	5,7	23 148 608	25 047 604	8,2
-Non-ferrous metal products	3,4	98,9	106,7	7,9	11 428 111	14 105 943	23,4
-Structural metal products	2,0	88,7	92,5	4,3	5 404 490	5 790 794	7,1
-Other fabricated metal products	3,8	104,8	110,7	5,6	10 203 465	10 146 313	-0,6
-General purpose machinery	2,4	67,6	66,6	-1,5	6 548 366	6 457 841	-1,4
-Special purpose machinery	3,1	101,1	86,7	-14,2	8 083 962	6 839 410	-15,4
-Household appliances	0,6	97,9	98,2	0,3	2 399 922	2 434 469	1,4
Electrical machinery	2,5	129,7	132,1	1,9	9 383 683	9 917 353	5,7
Radio, television and communication apparatus and professional equipment	1,1	93,4	102,4	9,6	3 246 099	3 510 050	8,1
-Radio, television and communication apparatus	0,4	92,1	97,7	6,1	1 418 025	1 476 161	4,1
-Professional equipment	0,7	94,2	105,3	11,8	1 828 074	2 033 889	11,3
Motor vehicles, parts and accessories and other transport equipment	10,9	94,0	103,0	9,6	40 289 881	43 185 747	7,2
-Motor vehicles	4,9	81,2	98,0	20,7	20 855 593	21 192 868	1,6
-Bodies for motor vehicles, trailers and semi-trailers	0,5	119,1	131,0	10,0	1 836 966	2 089 032	13,7
-Parts and accessories	4,7	102,1	102,6	0,5	13 979 129	15 704 619	12,3
-Other transport equipment	0,9	107,4	118,1	10,0	3 618 193	4 199 228	16,1
Furniture and other manufacturing division	5,2	90,0	93,2	3,6	13 661 815	14 345 547	5,0
-Furniture	1,3	84,7	86,3	1,9	2 700 404	2 963 065	9,7
-Other manufacturing groups	3,9	91,8	95,5	4,0	10 961 411	11 382 482	3,8
Total	100,0	97,9	101,6	3,8	302 435 658	328 141 396	8,5

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 Apr. 2010	Jan. to Apr. 2011	Annual percentage change between 2010 and 2011	Contribution (percentage points)	Jan. to Apr. 2010	Jan. to Apr. 2011	Annual percentage change between 2010 and 2011	Difference in sales between 2010 and 2011
Food and beverages	15,4	103,3	106,8	3,4	0,6	75 559	80 550	6,6	4 991
-Meat, fish, fruit, etc.	1,8	108,3	112,0	3,4	0,1	20 629	22 671	9,9	2 042
-Dairy products	0,8	104,7	112,5	7,4	0,1	6 797	7 229	6,4	432
-Grain mill products	0,8	103,9	102,5	-1,3	0,0	13 156	13 603	3,4	447
-Other food products	5,2	91,3	95,1	4,2	0,2	16 258	17 248	6,1	990
-Beverages	6,8	110,9	114,2	3,0	0,2	18 719	19 799	5,8	1 080
Textiles, clothing, leather and footwear	4,9	81,0	76,5	-5,6	-0,2	11 967	11 430	-4,5	-537
-Textiles	0,7	66,9	60,7	-9,3	0,0	1 802	1 820	1,0	18
-Other textile products	0,9	72,7	67,7	-6,9	0,0	3 109	2 862	-7,9	-247
-Knitted, crocheted articles	0,2	110,7	105,4	-4,8	0,0	630	610	-3,2	-20
-Wearing apparel	2,1	82,3	75,0	-8,9	-0,2	4 074	3 645	-10,5	-429
-Leather and leather products	0,6	87,1	94,2	8,2	0,0	1 293	1 442	11,5	149
-Footwear	0,4	95,3	91,7	-3,8	0,0	1 059	1 051	-0,8	-8
Wood and wood products, paper, publishing and printing	10,2	88,3	92,2	4,4	0,4	32 722	34 540	5,6	1 818
-Sawmilling and planing of wood	0,7	81,2	81,9	0,9	0,0	2 284	2 317	1,4	33
-Products of wood	1,3	80,2	82,7	3,1	0,0	4 787	5 046	5,4	259
-Paper and paper products	3,8	104,1	105,5	1,3	0,1	15 147	15 757	4,0	610
-Publishing	1,9	77,3	80,6	4,3	0,1	4 581	4 777	4,3	196
-Printing, recorded media	2,5	78,3	88,3	12,8	0,3	5 923	6 644	12,2	721
Petroleum, chemical products, rubber and plastic products	22,1	105,0	109,8	4,6	1,1	85 469	98 724	15,5	13 255
-Coke, petroleum products and nuclear fuel	8,5	86,9	93,5	7,6	0,6	28 880	37 543	30,0	8 663
-Basic chemicals	4,5	115,4	122,1	5,8	0,3	18 146	20 496	13,0	2 350
-Other chemical products	5,3	112,2	115,1	2,6	0,2	21 344	22 745	6,6	1 401
-Rubber products	1,0	83,3	94,0	12,8	0,1	3 916	4 440	13,4	524
-Plastic products	2,7	137,9	135,4	-1,8	-0,1	13 182	13 499	2,4	317
Glass and non-metallic mineral products	4,8	85,2	85,7	0,6	0,0	12 216	12 810	4,9	594
-Glass and glass products	1,0	109,4	109,0	-0,4	0,0	1 954	2 143	9,7	189
-Non-metallic mineral products	3,8	79,1	79,9	1,0	0,0	10 262	10 667	3,9	405
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	88,7	89,3	0,7	0,1	85 633	91 396	6,7	5 763
-Basic iron and steel products	7,7	85,0	84,2	-0,9	-0,1	29 816	32 564	9,2	2 748
-Non-ferrous metal products	3,4	96,3	105,6	9,7	0,3	14 625	18 620	27,3	3 995
-Structural metal products	2,0	84,9	87,0	2,5	0,0	6 734	7 218	7,2	484
-Other fabricated metal products	3,8	99,1	106,1	7,1	0,3	12 810	12 923	0,9	113
-General purpose machinery	2,4	65,9	65,2	-1,1	0,0	8 497	8 442	-0,6	-55
-Special purpose machinery	3,1	95,7	82,0	-14,3	-0,4	10 108	8 517	-15,7	-1 591
-Household appliances	0,6	93,6	94,8	1,3	0,0	3 044	3 111	2,2	67
Electrical machinery	2,5	122,5	125,8	2,7	0,1	11 711	12 471	6,5	760
Radio, television and communication apparatus and professional equipment	1,1	86,6	94,7	9,4	0,1	4 065	4 340	6,8	275
-Radio, television and communication apparatus	0,4	86,8	88,7	2,2	0,0	1 753	1 806	3,0	53
-Professional equipment	0,7	86,5	98,6	14,0	0,1	2 312	2 535	9,6	223
Motor vehicles, parts and accessories and other transport equipment	10,9	90,7	99,6	9,8	1,0	51 472	54 040	5,0	2 568
-Motor vehicles	4,9	78,0	93,3	19,6	0,8	26 245	25 966	-1,1	-279
-Bodies for motor vehicles, trailers and semi-trailers	0,5	107,6	119,8	11,3	0,1	2 209	2 531	14,6	322
-Parts and accessories	4,7	98,9	101,3	2,4	0,1	18 222	20 166	10,7	1 944
-Other transport equipment	0,9	107,0	114,0	6,5	0,1	4 796	5 377	12,1	581
Furniture and other manufacturing division	5,2	89,3	90,6	1,5	0,1	17 786	19 510	9,7	1 724
-Furniture	1,3	78,8	82,7	4,9	0,1	3 346	3 764	12,5	418
-Other manufacturing groups	3,9	92,8	93,2	0,4	0,0	14 440	15 747	9,1	1 307
Total	100,0	95,0	98,2	3,4	3,4	388 600	419 811	8,0	31 211

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 the 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 April 2011 was 89,4%. Improved response rate for March 2011 was 92,2%.
- 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 3 027 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 3 027 enterprises, which was drawn in April 2010 from a population then of 53 562 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 to 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	12 500 000
Small	12 500 001	32 500 000
Medium	32 500 001	127 500 000
Large	127 500 001	

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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