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Key figures for April 2012

Table A – Manufacturing production and sales

Estimates	April 2012	% change between April 2011 and April 2012	% change between February to April 2011 and February to April 2012	% change between January to April 2011 and January to April 2012
Physical volume of manufacturing production index (base: 2005=100)	95,8	1,2	0,7	1,0
Total estimated sales of manufactured products (R million)	112 806	8,5	9,0	9,5

Seasonally adjusted estimates	April 2012	% change between March and April 2012	% change between November 2011 to January 2012 and February to April 2012
Physical volume of manufacturing production index (base: 2005=100)	104,3	1,3	0,4
Total value of sales of manufactured products (R million)	122 533	-0,2	1,3

Manufacturing production for April 2012 increased by 1,2% compared with April 2011.

The 1,2% year-on-year increase in manufacturing production for April 2012 was mainly due to higher production in the following divisions:

- motor vehicles, parts and accessories and other transport equipment (11,4% and contributing 1,1 percentage points);
- petroleum, chemical products, rubber and plastic products (3,9% and contributing 1,0 percentage point);
- food and beverages (4,2% and contributing 0,7 of a percentage point); and
- glass and non-metallic mineral products (7,4% and contributing 0,3 of a percentage point) (see Table 4b).

The basic iron and steel, non-ferrous metal products, metal products and machinery division recorded a contraction year-on-year for April 2012 (-7,1% and contributing -1,6 percentage points).

Seasonally adjusted manufacturing production for the three months ended April 2012 increased by 0,4% compared with the previous three months ended January 2012. Six of the ten manufacturing divisions reported positive growth rates over this period.

The increase was driven mainly by higher production recorded for the:

- petroleum, chemical products, rubber and plastic products division (2,8% and contributing 0,7 of a percentage point);
- furniture and other manufacturing division (8,6% and contributing 0,4 of a percentage point);
- motor vehicles, parts and accessories and other transport equipment division (4,0% and contributing 0,4 of a percentage point); and
- textiles, clothing, leather and footwear division (2,3% and contributing 0,1 of a percentage point).

However, these increases were partially counteracted by decreases reported by the:

- wood and wood products, paper, publishing and printing division (-7,9% and contributing -0,8 of a percentage point);
- food and beverages division (-1,3% and contributing -0,2 of a percentage point); and
- glass and non-metallic mineral products division (-1,5% and contributing -0,1 of a percentage point) (see Table B).

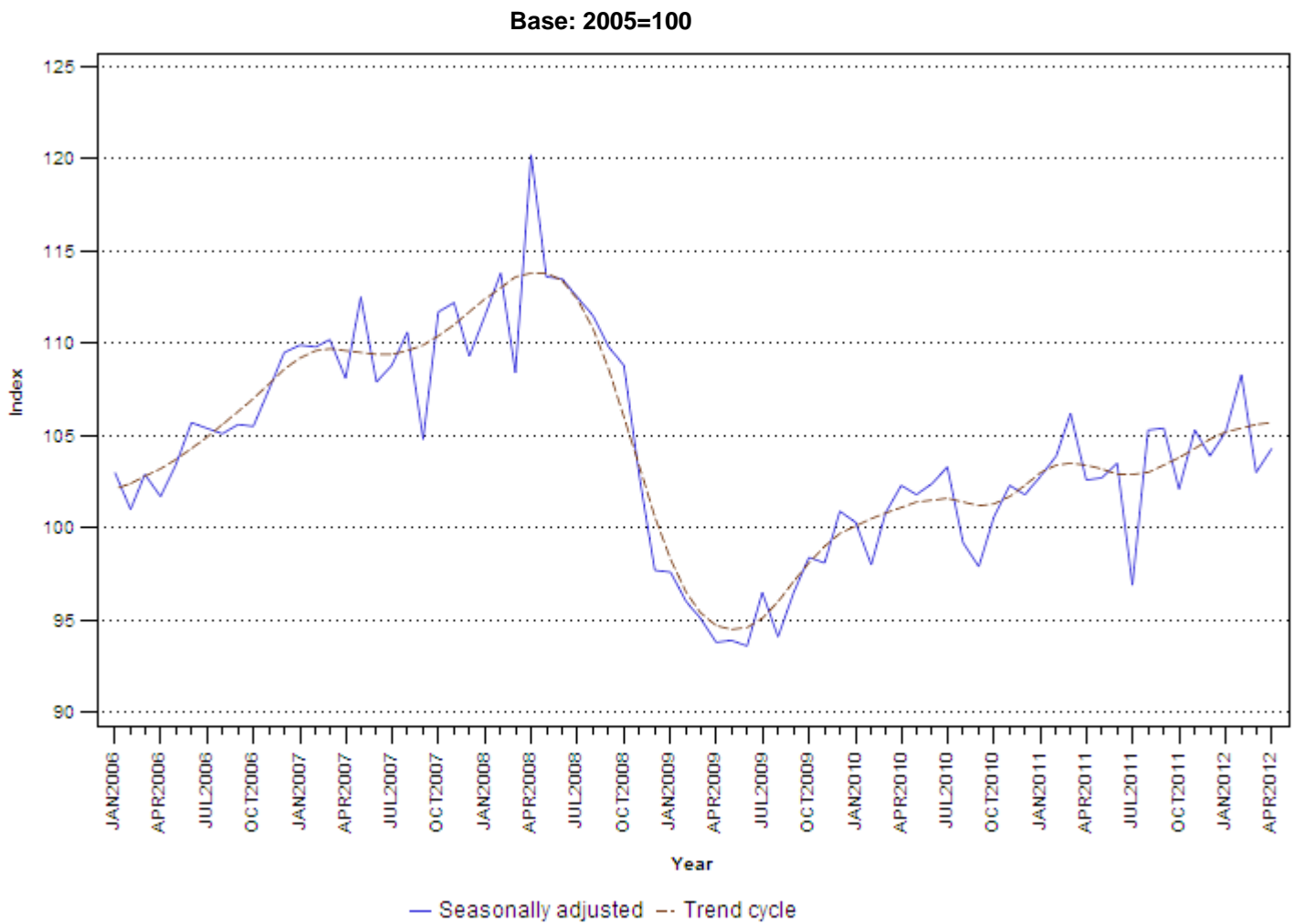
Table B – Contribution of manufacturing divisions and major groups to the total three-monthly seasonally adjusted manufacturing production

Base: 2005=100

Manufacturing divisions and major groups	Weights 2005	Average seasonally adjusted production index for November 2011 to January 2012	Average seasonally adjusted production index for February to April 2012	Quarterly % change of February to April 2012 compared with the preceding three months	Contribution (% points) to the seasonally adjusted quarterly % change in total manufacturing production 1/
Food and beverages	15,4	122,8	121,2	-1,3	-0,2
-Meat, fish, fruit, etc.	1,8	121,3	120,3	-0,8	0,0
-Dairy products	0,8	122,1	122,4	0,2	0,0
-Grain mill products	0,8	114,4	110,4	-3,5	0,0
-Other food products	5,2	117,3	117,6	0,3	0,0
-Beverages	6,8	128,6	125,3	-2,6	-0,2
Textiles, clothing, leather and footwear	4,9	81,3	83,2	2,3	0,1
-Textiles	1,6	69,6	65,6	-5,7	-0,1
-Wearing apparel	2,3	80,1	85,5	6,7	0,1
-Leather and leather products	0,6	97,9	97,9	0,0	0,0
-Footwear	0,4	107,3	114,2	6,4	0,0
Wood and wood products, paper, publishing and printing	10,2	104,9	96,6	-7,9	-0,8
-Wood and products of wood	2,0	91,4	88,1	-3,6	-0,1
-Paper and paper products	3,8	116,9	111,0	-5,0	-0,2
-Publishing and printing	4,3	100,6	87,8	-12,7	-0,5
Petroleum, chemical products, rubber and plastic products	22,1	113,8	117,0	2,8	0,7
-Coke, petroleum products and nuclear fuel	8,5	82,2	93,8	14,1	0,9
-Basic chemicals	4,5	139,6	139,8	0,1	0,0
-Other chemical products	5,3	127,0	120,1	-5,4	-0,3
-Rubber products	1,0	98,4	98,0	-0,4	0,0
-Plastic products	2,7	150,0	152,5	1,7	0,1
Glass and non-metallic mineral products	4,8	100,0	98,5	-1,5	-0,1
-Glass and glass products	1,0	116,2	116,7	0,4	0,0
-Non-metallic mineral products	3,8	95,9	93,9	-2,1	-0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	93,9	94,0	0,1	0,0
-Basic iron and steel products	7,7	81,1	78,5	-3,2	-0,2
-Basic precious, non-ferrous metal products	3,4	108,4	98,0	-9,6	-0,3
-Fabricated metal products	5,7	108,3	112,2	3,6	0,2
-Machinery and equipment	6,1	88,3	94,1	6,6	0,3
Electrical machinery	2,5	128,2	127,2	-0,8	0,0
Radio, television and communication apparatus and professional equipment	1,1	108,4	108,8	0,4	0,0
-Radio, television and communication apparatus	0,4	104,9	110,5	5,3	0,0
-Professional equipment	0,7	110,6	107,7	-2,6	0,0
Motor vehicles, parts and accessories and other transport equipment	10,9	100,0	104,0	4,0	0,4
-Motor vehicles	4,9	90,8	102,7	13,1	0,6
-Bodies for motor vehicles, trailers and semi-trailers	0,5	136,5	134,9	-1,2	0,0
-Parts and accessories	4,7	105,2	101,4	-3,6	-0,2
-Other transport equipment	0,9	103,9	107,6	3,6	0,0
Furniture and other manufacturing division	5,2	84,5	91,8	8,6	0,4
-Furniture	1,3	94,1	99,4	5,6	0,1
-Other manufacturing groups	3,9	81,2	89,2	9,9	0,3
Total	100,0	104,8	105,2	0,4	0,4

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: 2006 – 2012



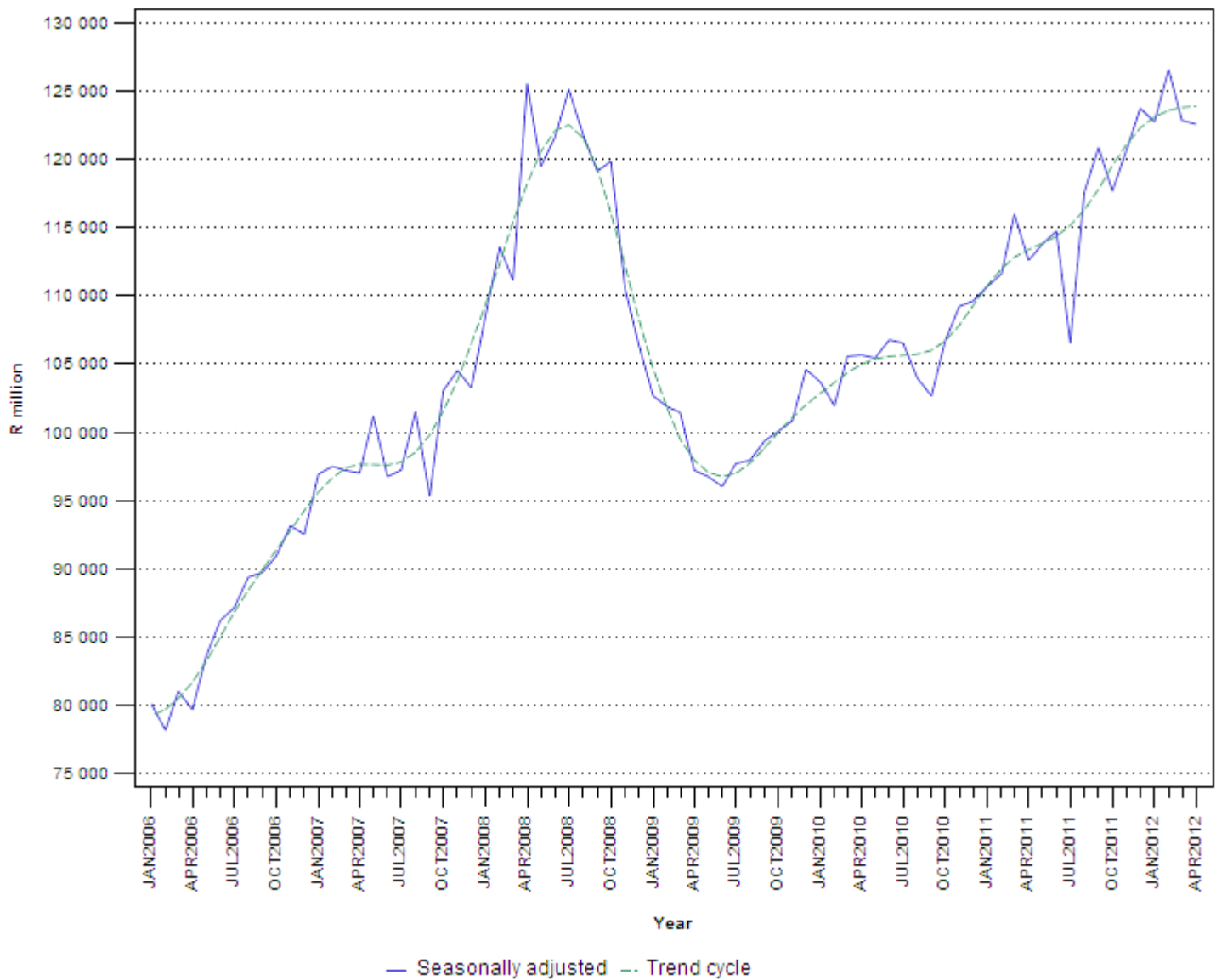
Seasonally adjusted sales of manufactured products (at current prices) for the three months ended April 2012 increased by 1,3% (R4 840 million) compared with the previous three months ended January 2012. Seven of the ten manufacturing divisions reported positive growth rates over this period (see Table C).

The manufacturing division that was mainly responsible for the increase in total manufacturing sales was the petroleum, chemical products, rubber and plastic products division (7,0% or R6 192 million) (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 2011 to January 2012	Seasonally adjusted sales February to April 2012	% change between November 2011 to January 2012 and February to April 2012	Difference in seasonally adjusted sales of manufacturing divisions between November 2011 to January 2012 and February to April 2012
	R'000	R'000	%	R'000
Food and beverages	72 173 065	72 325 311	0,2	152 246
-Food and food products	54 429 680	55 118 335	1,3	688 655
-Beverages	17 743 385	17 206 977	-3,0	-536 408
Textiles, clothing, leather and footwear	9 983 955	10 109 141	1,3	125 186
-Textiles	4 119 108	3 946 775	-4,2	-172 333
-Wearing apparel	3 760 058	4 017 634	6,9	257 576
-Leather and leather products	1 129 084	1 123 895	-0,5	-5 189
-Footwear	975 704	1 020 838	4,6	45 134
Wood and wood products, paper, publishing and printing	30 403 829	28 806 229	-5,3	-1 597 600
-Wood and products of wood	6 310 213	6 256 351	-0,9	-53 862
-Paper and paper products	13 115 486	12 744 280	-2,8	-371 206
-Publishing and printing	10 978 131	9 805 598	-10,7	-1 172 533
Petroleum, chemical products, rubber and plastic products	89 078 040	95 270 519	7,0	6 192 479
-Coke, petroleum products and nuclear fuel	36 123 723	42 780 313	18,4	6 656 590
-Basic chemicals	18 168 468	18 006 001	-0,9	-162 467
-Other chemical products	19 282 322	18 707 814	-3,0	-574 508
-Rubber products	4 025 553	3 841 190	-4,6	-184 363
-Plastic products	11 477 973	11 935 202	4,0	457 229
Glass and non-metallic mineral products	11 142 394	11 171 273	0,3	28 879
-Glass and glass products	1 808 714	1 909 092	5,5	100 378
-Non-metallic mineral products	9 333 680	9 262 181	-0,8	-71 499
Basic iron and steel, non-ferrous metal products, metal products and machinery	82 232 434	81 371 616	-1,0	-860 818
-Basic iron and steel products	27 581 081	25 878 524	-6,2	-1 702 557
-Basic precious, non-ferrous metal products	15 478 836	15 176 547	-2,0	-302 289
-Fabricated metal products	20 485 199	21 161 642	3,3	676 443
-Machinery and equipment	18 687 317	19 154 903	2,5	467 586
Electrical machinery	10 400 199	10 564 959	1,6	164 760
Radio, television and communication apparatus and professional equipment	3 973 696	3 904 072	-1,8	-69 624
-Radio, television and communication apparatus	1 951 512	1 948 754	-0,1	-2 758
-Professional equipment	2 022 185	1 955 318	-3,3	-66 867
Motor vehicles, parts and accessories and other transport equipment	42 898 248	43 093 292	0,5	195 044
-Motor vehicles, trailers, parts and accessories	39 103 722	39 145 722	0,1	42 000
-Other transport equipment	3 794 528	3 947 570	4,0	153 042
Furniture and other manufacturing division	14 746 466	15 256 199	3,5	509 733
-Furniture	3 003 808	3 123 594	4,0	119 786
-Other manufacturing groups	11 742 658	12 132 605	3,3	389 947
Total	367 032 324	371 872 611	1,3	4 840 287

Figure 2 – Total estimated sales of the manufacturing industry at current prices: 2006 – 2012



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Statistician-General

Detailed results

Table 1 – Total index of the physical volume of manufacturing production: 2006 – 2012

Base: 2005=100

Month	2006	2007	2008	2009	2010	2011	2012
Jan	89,7	95,0	95,9	83,4	85,9	88,0	90,0
Feb	96,7	104,7	108,5	91,5	93,7	99,7	1/ 103,8
Mar	106,2	113,6	111,9	98,3	104,7	110,4	1/ 107,2
Apr	95,6	101,0	111,9	87,1	94,6	94,7	1/ 95,8
May	104,3	113,4	114,3	94,1	101,9	102,8	
Jun	106,7	109,2	115,1	94,9	103,8	104,9	
Jul	107,4	111,2	115,2	98,9	106,0	99,4	
Aug	108,8	114,4	114,9	96,7	101,7	107,7	
Sep	109,7	108,9	114,2	100,7	102,1	110,5	
Oct	117,0	124,1	121,1	109,1	111,8	113,2	
Nov	119,1	124,3	114,3	108,4	113,7	117,1	
Dec	96,6	96,5	87,8	90,2	90,9	93,1	
Year	104,8	109,7	110,4	96,1	100,9	103,5	

1/ Preliminary.

Table 2 – Annual percentage change in the total index of the physical volume of manufacturing production: 2006 – 2012 2/

Month	2006	2007	2008	2009	2010	2011	2012
Jan	5,8	5,9	0,9	-13,0	3,0	2,4	2,3
Feb	1,6	8,3	3,6	-15,7	2,4	6,4	4,1
Mar	4,9	7,0	-1,5	-12,2	6,5	5,4	-2,9
Apr	-0,9	5,6	10,8	-22,2	8,6	0,1	1,2
May	3,9	8,7	0,8	-17,7	8,3	0,9	
Jun	6,4	2,3	5,4	-17,5	9,4	1,1	
Jul	6,2	3,5	3,6	-14,1	7,2	-6,2	
Aug	5,1	5,1	0,4	-15,8	5,2	5,9	
Sep	2,0	-0,7	4,9	-11,8	1,4	8,2	
Oct	9,2	6,1	-2,4	-9,9	2,5	1,3	
Nov	7,5	4,4	-8,0	-5,2	4,9	3,0	
Dec	5,7	-0,1	-9,0	2,7	0,8	2,4	
Year	4,8	4,7	0,6	-13,0	5,0	2,6	

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: 2006 – 2012

Base: 2005=100

Month	2006	2007	2008	2009	2010	2011	2012
Jan	103,0	109,9	111,5	97,6	100,3	102,8	105,2
Feb	101,0	109,8	113,8	96,0	98,0	103,9	108,3
Mar	102,9	110,2	108,4	95,1	100,8	106,2	103,0
Apr	101,7	108,1	120,2	93,8	102,3	102,6	104,3
May	103,4	112,5	113,6	93,9	101,8	102,7	
Jun	105,7	107,9	113,5	93,6	102,4	103,5	
Jul	105,4	108,8	112,5	96,5	103,3	96,9	
Aug	105,1	110,6	111,5	94,1	99,2	105,3	
Sep	105,6	104,8	109,8	96,5	97,9	105,4	
Oct	105,5	111,7	108,8	98,4	100,6	102,1	
Nov	107,5	112,2	102,7	98,1	102,3	105,3	
Dec	109,5	109,3	97,7	100,9	101,8	103,9	

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 2011	Actual indices			Seasonally adjusted indices		
			April 2011	1/ March 2012	1/ April 2012	April 2011	March 2012	April 2012
Food and beverages	15,4	119,2	103,6	114,2	108,0	116,4	113,9	121,9
-Meat, fish, fruit, etc.	1,8	120,2	112,3	131,8	115,2	116,9	120,2	120,3
-Dairy products	0,8	118,1	111,8	119,3	111,1	120,2	120,1	119,6
-Grain mill products	0,8	109,3	97,8	114,6	106,1	105,4	105,0	114,8
-Other food products	5,2	115,8	100,1	95,2	108,9	112,2	108,6	122,2
-Beverages	6,8	123,0	103,7	123,4	105,4	120,3	116,7	123,3
Textiles, clothing, leather and footwear	4,9	81,9	78,6	86,0	81,2	80,6	81,3	83,5
-Textiles	0,7	60,5	54,8	61,6	59,8	58,2	54,3	63,5
-Other textile products	0,9	72,7	64,8	73,3	62,7	69,0	70,1	67,1
-Knitted, crocheted articles	0,2	90,2	111,9	97,9	82,6	98,3	81,2	72,1
-Wearing apparel	2,1	83,2	82,7	87,1	89,8	82,9	83,7	90,3
-Leather and leather products	0,6	95,0	91,9	105,9	90,5	93,7	99,8	92,6
-Footwear	0,4	106,2	93,5	112,1	96,9	103,0	108,3	107,2
Wood and wood products, paper, publishing and printing	10,2	97,7	84,6	100,5	83,1	94,3	97,4	92,9
-Sawmilling and planing of wood	0,7	87,0	73,2	92,4	85,4	78,3	85,8	91,2
-Products of wood	1,3	88,5	77,8	91,7	78,0	85,9	88,8	86,6
-Paper and paper products	3,8	110,9	99,6	113,3	99,1	109,4	109,5	109,4
-Publishing	1,9	87,0	77,5	80,9	73,7	85,4	77,5	81,1
-Printing, recorded media	2,5	93,0	73,3	102,2	67,3	86,6	101,3	80,0
Petroleum, chemical products, rubber and plastic products	22,1	113,0	109,2	117,9	113,5	113,3	115,4	118,1
-Coke, petroleum products and nuclear fuel	8,5	88,7	97,0	93,3	94,6	96,7	92,3	94,5
-Basic chemicals	4,5	131,9	122,4	131,8	138,0	128,6	140,1	145,0
-Other chemical products	5,3	121,6	110,2	127,2	112,3	116,7	116,7	119,1
-Rubber products	1,0	96,7	82,7	111,0	87,1	90,7	97,8	96,0
-Plastic products	2,7	146,9	133,0	156,4	144,2	141,0	151,0	153,3
Glass and non-metallic mineral products	4,8	96,6	85,0	93,7	91,3	91,9	91,9	99,1
-Glass and glass products	1,0	116,4	104,4	108,2	105,1	115,9	119,5	117,3
-Non-metallic mineral products	3,8	91,7	80,2	90,1	87,9	85,8	85,0	94,6
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	91,8	90,4	100,3	84,0	95,6	93,4	89,7
-Basic iron and steel products	7,7	78,4	94,1	81,7	71,3	96,6	78,2	73,5
-Non-ferrous metal products	3,4	109,2	107,7	100,1	88,9	110,8	96,8	91,4
-Structural metal products	2,0	89,9	81,6	107,3	87,4	88,6	101,6	95,4
-Other fabricated metal products	3,8	112,0	101,5	123,7	107,6	107,4	113,8	114,5
-General purpose machinery	2,4	72,7	62,9	84,3	66,8	69,9	82,5	74,7
-Special purpose machinery	3,1	95,1	75,6	122,6	89,2	85,7	102,9	101,8
-Household appliances	0,6	101,4	87,2	119,1	99,6	95,9	109,8	109,7
Electrical machinery	2,5	130,0	118,5	145,0	117,0	124,8	129,9	123,9
Radio, television and communication apparatus and professional equipment	1,1	105,9	95,1	106,4	96,4	105,1	107,4	107,2
-Radio, television and communication apparatus	0,4	104,2	77,3	103,2	88,5	91,6	105,1	105,9
-Professional equipment	0,7	107,0	106,4	108,4	101,4	113,7	108,9	107,9
Motor vehicles, parts and accessories and other transport equipment	10,9	103,1	82,6	109,7	92,0	94,4	101,0	105,6
-Motor vehicles	4,9	96,5	72,2	110,7	89,0	89,1	99,8	109,4
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,9	122,0	139,6	127,5	126,3	130,7	132,7
-Parts and accessories	4,7	104,7	86,5	104,6	90,0	92,4	99,1	96,2
-Other transport equipment	0,9	117,7	98,4	115,1	100,1	116,3	101,9	118,9
Furniture and other manufacturing division	5,2	92,9	82,9	94,0	77,5	99,1	91,9	91,6
-Furniture	1,3	93,8	82,5	89,4	89,1	91,2	97,3	98,7
-Other manufacturing groups	3,9	92,6	83,0	95,6	73,6	101,7	90,0	89,3
Total	100,0	103,5	94,7	107,2	95,8	102,6	103,0	104,3

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 2011	Actual indices			Seasonally adjusted indices		
			April 2011	1/ April 2012	% change between April 2011 and April 2012	March 2012	April 2012	% change between March and April 2012
Food and beverages	15,4	119,2	103,6	108,0	4,2	113,9	121,9	7,0
-Meat, fish, fruit, etc.	1,8	120,2	112,3	115,2	2,6	120,2	120,3	0,1
-Dairy products	0,8	118,1	111,8	111,1	-0,6	120,1	119,6	-0,4
-Grain mill products	0,8	109,3	97,8	106,1	8,5	105,0	114,8	9,3
-Other food products	5,2	115,8	100,1	108,9	8,8	108,6	122,2	12,5
-Beverages	6,8	123,0	103,7	105,4	1,6	116,7	123,3	5,7
Textiles, clothing, leather and footwear	4,9	81,9	78,6	81,2	3,3	81,3	83,5	2,7
-Textiles	0,7	60,5	54,8	59,8	9,1	54,3	63,5	16,9
-Other textile products	0,9	72,7	64,8	62,7	-3,2	70,1	67,1	-4,3
-Knitted, crocheted articles	0,2	90,2	111,9	82,6	-26,2	81,2	72,1	-11,2
-Wearing apparel	2,1	83,2	82,7	89,8	8,6	83,7	90,3	7,9
-Leather and leather products	0,6	95,0	91,9	90,5	-1,5	99,8	92,6	-7,2
-Footwear	0,4	106,2	93,5	96,9	3,6	108,3	107,2	-1,0
Wood and wood products, paper, publishing and printing	10,2	97,7	84,6	83,1	-1,8	97,4	92,9	-4,6
-Sawmilling and planing of wood	0,7	87,0	73,2	85,4	16,7	85,8	91,2	6,3
-Products of wood	1,3	88,5	77,8	78,0	0,3	88,8	86,6	-2,5
-Paper and paper products	3,8	110,9	99,6	99,1	-0,5	109,5	109,4	-0,1
-Publishing	1,9	87,0	77,5	73,7	-4,9	77,5	81,1	4,6
-Printing, recorded media	2,5	93,0	73,3	67,3	-8,2	101,3	80,0	-21,0
Petroleum, chemical products, rubber and plastic products	22,1	113,0	109,2	113,5	3,9	115,4	118,1	2,3
-Coke, petroleum products and nuclear fuel	8,5	88,7	97,0	94,6	-2,5	92,3	94,5	2,4
-Basic chemicals	4,5	131,9	122,4	138,0	12,7	140,1	145,0	3,5
-Other chemical products	5,3	121,6	110,2	112,3	1,9	116,7	119,1	2,1
-Rubber products	1,0	96,7	82,7	87,1	5,3	97,8	96,0	-1,8
-Plastic products	2,7	146,9	133,0	144,2	8,4	151,0	153,3	1,5
Glass and non-metallic mineral products	4,8	96,6	85,0	91,3	7,4	91,9	99,1	7,8
-Glass and glass products	1,0	116,4	104,4	105,1	0,7	119,5	117,3	-1,8
-Non-metallic mineral products	3,8	91,7	80,2	87,9	9,6	85,0	94,6	11,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	91,8	90,4	84,0	-7,1	93,4	89,7	-4,0
-Basic iron and steel products	7,7	78,4	94,1	71,3	-24,2	78,2	73,5	-6,0
-Non-ferrous metal products	3,4	109,2	107,7	88,9	-17,5	96,8	91,4	-5,6
-Structural metal products	2,0	89,9	81,6	87,4	7,1	101,6	95,4	-6,1
-Other fabricated metal products	3,8	112,0	101,5	107,6	6,0	113,8	114,5	0,6
-General purpose machinery	2,4	72,7	62,9	66,8	6,2	82,5	74,7	-9,5
-Special purpose machinery	3,1	95,1	75,6	89,2	18,0	102,9	101,8	-1,1
-Household appliances	0,6	101,4	87,2	99,6	14,2	109,8	109,7	-0,1
Electrical machinery	2,5	130,0	118,5	117,0	-1,3	129,9	123,9	-4,6
Radio, television and communication apparatus and professional equipment	1,1	105,9	95,1	96,4	1,4	107,4	107,2	-0,2
-Radio, television and communication apparatus	0,4	104,2	77,3	88,5	14,5	105,1	105,9	0,8
-Professional equipment	0,7	107,0	106,4	101,4	-4,7	108,9	107,9	-0,9
Motor vehicles, parts and accessories and other transport equipment	10,9	103,1	82,6	92,0	11,4	101,0	105,6	4,6
-Motor vehicles	4,9	96,5	72,2	89,0	23,3	99,8	109,4	9,6
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,9	122,0	127,5	4,5	130,7	132,7	1,5
-Parts and accessories	4,7	104,7	86,5	90,0	4,0	99,1	96,2	-2,9
-Other transport equipment	0,9	117,7	98,4	100,1	1,7	101,9	118,9	16,7
Furniture and other manufacturing division	5,2	92,9	82,9	77,5	-6,5	91,9	91,6	-0,3
-Furniture	1,3	93,8	82,5	89,1	8,0	97,3	98,7	1,4
-Other manufacturing groups	3,9	92,6	83,0	73,6	-11,3	90,0	89,3	-0,8
Total	100,0	103,5	94,7	95,8	1,2	103,0	104,3	1,3

1/ Preliminary.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000): 2006 – 2012

Month	2006	2007	2008	2009	2010	2011	2012
Jan	67 351 678	81 459 988	91 280 084	85 793 294	86 836 064	92 863 625	103 500 177
Feb	74 930 635	93 134 142	108 137 770	97 350 713	97 825 640	107 158 143	1/ 121 058 447
Mar	83 169 373	100 113 755	114 652 520	105 127 970	110 232 624	121 108 364	1/ 128 084 361
Apr	74 690 973	90 606 196	116 896 823	90 156 553	97 707 572	103 921 168	1/ 112 806 229
May	83 925 122	101 641 507	120 173 410	96 487 420	105 089 142	113 377 474	
Jun	87 683 125	98 764 796	124 811 522	98 161 671	109 279 984	117 502 258	
Jul	88 860 703	99 325 320	128 335 265	99 715 325	108 621 205	108 591 835	
Aug	92 520 358	104 978 175	126 167 640	100 731 886	106 288 802	119 985 649	
Sep	94 724 833	100 538 717	125 588 533	104 781 622	108 523 831	127 892 291	
Oct	99 968 405	113 462 255	131 772 450	109 759 231	116 804 203	128 378 804	
Nov	103 494 740	116 007 502	122 615 454	111 844 877	121 292 114	133 563 590	
Dec	82 554 715	91 954 469	95 903 778	95 002 438	99 664 494	112 428 523	
Year	1 033 874 660	1 191 986 822	1 406 335 249	1 194 913 000	1 268 165 675	1 386 771 724	

1/ Preliminary.

Table 6 – Annual percentage change in the total estimated value of sales of the manufacturing industry: 2006 – 2012 2/

Month	2006	2007	2008	2009	2010	2011	2012
Jan	11,1	20,9	12,1	-6,0	1,2	6,9	11,5
Feb	6,8	24,3	16,1	-10,0	0,5	9,5	13,0
Mar	11,5	20,4	14,5	-8,3	4,9	9,9	5,8
Apr	1,5	21,3	29,0	-22,9	8,4	6,4	8,5
May	10,7	21,1	18,2	-19,7	8,9	7,9	
Jun	13,4	12,6	26,4	-21,4	11,3	7,5	
Jul	15,0	11,8	29,2	-22,3	8,9	0,0	
Aug	16,0	13,5	20,2	-20,2	5,5	12,9	
Sep	14,3	6,1	24,9	-16,6	3,6	17,8	
Oct	20,8	13,5	16,1	-16,7	6,4	9,9	
Nov	19,7	12,1	5,7	-8,8	8,4	10,1	
Dec	12,4	11,4	4,3	-0,9	4,9	12,8	
Year	13,0	15,3	18,0	-15,0	6,1	9,4	

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): 2006 – 2012

Month	2006	2007	2008	2009	2010	2011	2012
Jan	80 131 859	96 940 506	108 513 373	102 666 094	103 694 323	110 671 825	122 712 607
Feb	78 205 107	97 501 016	113 550 419	101 861 571	101 920 168	111 582 150	126 525 786
Mar	81 049 170	97 206 858	111 120 683	101 456 901	105 562 135	115 953 839	122 813 426
Apr	79 711 691	97 020 087	125 466 252	97 214 071	105 649 062	112 568 124	122 533 399
May	83 641 929	101 156 950	119 445 938	96 769 691	105 429 228	113 754 679	
Jun	86 247 215	96 760 906	121 608 274	96 032 674	106 760 501	114 718 061	
Jul	87 156 825	97 237 622	125 065 749	97 721 225	106 527 456	106 542 430	
Aug	89 403 357	101 516 593	121 786 677	97 947 908	103 976 663	117 584 364	
Sep	89 741 524	95 341 166	119 111 407	99 351 865	102 656 671	120 819 660	
Oct	90 945 370	103 070 170	119 806 331	100 059 431	106 679 649	117 644 591	
Nov	93 168 662	104 519 218	110 454 759	100 841 045	109 215 545	120 632 433	
Dec	92 531 668	103 247 987	106 354 116	104 590 318	109 595 719	123 687 284	

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 2011	Actual values			Seasonally adjusted values		
		April 2011	1/ March 2012	1/ April 2012	April 2011	March 2012	April 2012
Food and beverages	270 534 109	20 431 113	24 069 702	22 419 737	21 936 738	24 006 580	24 157 487
-Meat, fish, fruit, etc.	74 871 928	5 648 891	6 800 297	6 240 338	5 950 608	6 463 350	6 586 971
-Dairy products	23 913 027	1 839 632	2 226 938	2 023 405	1 953 924	2 156 246	2 152 000
-Grain mill products	46 404 334	3 358 756	4 396 092	4 104 731	3 643 019	4 294 676	4 470 101
-Other food products	59 168 379	4 847 106	5 052 094	4 995 062	5 122 650	5 450 261	5 296 250
-Beverages	66 176 441	4 736 728	5 594 281	5 056 201	5 266 537	5 642 048	5 652 165
Textiles, clothing, leather and footwear	39 156 685	3 115 795	3 481 069	3 309 101	3 218 678	3 274 577	3 422 671
-Textiles	4 426 801	361 619	394 299	350 220	370 015	338 999	359 551
-Other textile products	11 406 902	883 062	988 147	878 654	927 274	943 242	923 957
-Knitted, crocheted articles	1 706 878	155 594	172 322	150 049	144 224	142 388	138 924
-Wearing apparel	13 551 246	1 104 418	1 169 648	1 281 147	1 124 832	1 129 567	1 304 934
-Leather and leather products	4 274 369	327 775	415 902	347 084	340 267	378 911	362 296
-Footwear	3 790 489	283 327	340 751	301 947	312 066	341 470	333 009
Wood and wood products, paper, publishing and printing	111 053 790	7 868 639	10 081 421	8 269 641	8 885 210	9 702 972	9 350 326
-Sawmilling and planing of wood	8 330 875	553 037	780 352	696 397	593 815	741 474	746 890
-Products of wood	15 601 183	1 149 542	1 400 496	1 207 369	1 259 826	1 367 115	1 328 911
-Paper and paper products	48 575 169	3 411 134	4 387 573	3 705 689	3 877 008	4 189 433	4 219 150
-Publishing	17 005 356	1 313 759	1 411 076	1 260 351	1 462 490	1 354 191	1 404 802
-Printing, recorded media	21 541 207	1 441 167	2 101 924	1 399 835	1 692 071	2 050 759	1 650 573
Petroleum, chemical products, rubber and plastic products	327 052 200	25 510 692	31 771 416	29 197 536	27 374 377	31 507 615	31 373 306
-Coke, petroleum products and nuclear fuel	125 525 877	10 935 701	13 497 750	13 120 776	11 474 836	14 144 059	13 776 772
-Basic chemicals	68 965 227	4 729 260	6 067 897	5 486 674	5 307 334	5 938 794	6 196 508
-Other chemical products	73 150 065	5 523 539	6 614 206	5 775 292	5 915 403	6 192 287	6 187 035
-Rubber products	14 593 850	1 010 189	1 507 330	1 122 903	1 109 513	1 283 795	1 236 181
-Plastic products	44 817 181	3 312 003	4 084 233	3 691 891	3 567 291	3 948 679	3 976 811
Glass and non-metallic mineral products	42 523 531	3 026 402	3 833 684	3 333 779	3 380 865	3 680 155	3 735 511
-Glass and glass products	7 094 686	479 009	577 240	552 157	560 934	646 493	649 340
-Non-metallic mineral products	35 428 845	2 547 393	3 256 444	2 781 622	2 819 931	3 033 662	3 086 171
Basic iron and steel, non-ferrous metal products, metal products and machinery	306 476 014	23 055 652	28 687 880	24 373 788	24 671 209	26 631 531	26 213 191
-Basic iron and steel products	97 801 939	8 152 362	8 659 800	7 850 956	8 469 479	8 296 611	8 166 953
-Non-ferrous metal products	61 809 327	4 457 391	5 129 424	4 719 331	4 643 976	4 861 814	4 921 507
-Structural metal products	27 396 728	1 976 655	2 912 479	2 410 350	2 159 937	2 683 735	2 656 394
-Other fabricated metal products	47 606 035	3 453 137	4 545 267	3 883 067	3 768 843	4 200 970	4 249 842
-General purpose machinery	29 673 250	2 130 409	2 898 221	2 282 422	2 372 980	2 837 790	2 561 238
-Special purpose machinery	33 013 046	2 208 570	3 593 470	2 484 070	2 514 667	2 893 032	2 841 559
-Household appliances	9 175 689	677 128	949 219	743 592	741 328	857 578	815 698
Electrical machinery	41 523 810	3 047 744	3 943 440	3 146 436	3 256 714	3 601 251	3 387 170
Radio, television and communication apparatus and professional equipment	15 336 222	1 174 634	1 317 890	1 112 362	1 321 237	1 264 319	1 257 089
-Radio, television and communication apparatus	7 676 027	551 664	646 820	516 697	634 249	623 638	597 971
-Professional equipment	7 660 195	622 970	671 070	595 665	686 988	640 682	659 117
Motor vehicles, parts and accessories and other transport equipment	173 977 223	12 108 268	15 790 665	12 859 974	13 690 872	13 923 961	14 578 327
-Motor vehicles	86 281 272	5 862 122	7 934 094	6 182 226	6 792 311	6 778 098	7 170 228
-Bodies for motor vehicles, trailers and semi-trailers	8 299 507	599 457	750 170	670 785	636 259	721 473	717 250
-Parts and accessories	62 802 464	4 489 455	5 698 022	4 784 311	4 916 515	5 159 269	5 264 288
-Other transport equipment	16 593 980	1 157 234	1 408 379	1 222 652	1 345 787	1 265 120	1 426 562
Furniture and other manufacturing division	59 138 140	4 582 229	5 107 194	4 783 875	4 832 223	5 220 466	5 058 321
-Furniture	11 613 033	837 973	966 783	931 221	929 877	1 044 754	1 036 082
-Other manufacturing groups	47 525 107	3 744 256	4 140 411	3 852 654	3 902 346	4 175 712	4 022 239
Total	1 386 771 724	103 921 168	128 084 361	112 806 229	112 568 124	122 813 426	122 533 399

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 2011	Actual values			Seasonally adjusted values		
		April 2011	1/ April 2012	% change between April 2011 and April 2012	March 2012	April 2012	% change between March and April 2012
Food and beverages	270 534 109	20 431 113	22 419 737	9,7	24 006 580	24 157 487	0,6
-Meat, fish, fruit, etc.	74 871 928	5 648 891	6 240 338	10,5	6 463 350	6 586 971	1,9
-Dairy products	23 913 027	1 839 632	2 023 405	10,0	2 156 246	2 152 000	-0,2
-Grain mill products	46 404 334	3 358 756	4 104 731	22,2	4 294 676	4 470 101	4,1
-Other food products	59 168 379	4 847 106	4 995 062	3,1	5 450 261	5 296 250	-2,8
-Beverages	66 176 441	4 736 728	5 056 201	6,7	5 642 048	5 652 165	0,2
Textiles, clothing, leather and footwear	39 156 685	3 115 795	3 309 101	6,2	3 274 577	3 422 671	4,5
-Textiles	4 426 801	361 619	350 220	-3,2	338 999	359 551	6,1
-Other textile products	11 406 902	883 062	878 654	-0,5	943 242	923 957	-2,0
-Knitted, crocheted articles	1 706 878	155 594	150 049	-3,6	142 388	138 924	-2,4
-Wearing apparel	13 551 246	1 104 418	1 281 147	16,0	1 129 567	1 304 934	15,5
-Leather and leather products	4 274 369	327 775	347 084	5,9	378 911	362 296	-4,4
-Footwear	3 790 489	283 327	301 947	6,6	341 470	333 009	-2,5
Wood and wood products, paper, publishing and printing	111 053 790	7 868 639	8 269 641	5,1	9 702 972	9 350 326	-3,6
-Sawmilling and planing of wood	8 330 875	553 037	696 397	25,9	741 474	746 890	0,7
-Products of wood	15 601 183	1 149 542	1 207 369	5,0	1 367 115	1 328 911	-2,8
-Paper and paper products	48 575 169	3 411 134	3 705 689	8,6	4 189 433	4 219 150	0,7
-Publishing	17 005 356	1 313 759	1 260 351	-4,1	1 354 191	1 404 802	3,7
-Printing, recorded media	21 541 207	1 441 167	1 399 835	-2,9	2 050 759	1 650 573	-19,5
Petroleum, chemical products, rubber and plastic products	327 052 200	25 510 692	29 197 536	14,5	31 507 615	31 373 306	-0,4
-Coke, petroleum products and nuclear fuel	125 525 877	10 935 701	13 120 776	20,0	14 144 059	13 776 772	-2,6
-Basic chemicals	68 965 227	4 729 260	5 486 674	16,0	5 938 794	6 196 508	4,3
-Other chemical products	73 150 065	5 523 539	5 775 292	4,6	6 192 287	6 187 035	-0,1
-Rubber products	14 593 850	1 010 189	1 122 903	11,2	1 283 795	1 236 181	-3,7
-Plastic products	44 817 181	3 312 003	3 691 891	11,5	3 948 679	3 976 811	0,7
Glass and non-metallic mineral products	42 523 531	3 026 402	3 333 779	10,2	3 680 155	3 735 511	1,5
-Glass and glass products	7 094 686	479 009	552 157	15,3	646 493	649 340	0,4
-Non-metallic mineral products	35 428 845	2 547 393	2 781 622	9,2	3 033 662	3 086 171	1,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	306 476 014	23 055 652	24 373 788	5,7	26 631 531	26 213 191	-1,6
-Basic iron and steel products	97 801 939	8 152 362	7 850 956	-3,7	8 296 611	8 166 953	-1,6
-Non-ferrous metal products	61 809 327	4 457 391	4 719 331	5,9	4 861 814	4 921 507	1,2
-Structural metal products	27 396 728	1 976 655	2 410 350	21,9	2 683 735	2 656 394	-1,0
-Other fabricated metal products	47 606 035	3 453 137	3 883 067	12,5	4 200 970	4 249 842	1,2
-General purpose machinery	29 673 250	2 130 409	2 282 422	7,1	2 837 790	2 561 238	-9,7
-Special purpose machinery	33 013 046	2 208 570	2 484 070	12,5	2 893 032	2 841 559	-1,8
-Household appliances	9 175 689	677 128	743 592	9,8	857 578	815 698	-4,9
-Electrical machinery	41 523 810	3 047 744	3 146 436	3,2	3 601 251	3 387 170	-5,9
Radio, television and communication apparatus and professional equipment	15 336 222	1 174 634	1 112 362	-5,3	1 264 319	1 257 089	-0,6
-Radio, television and communication apparatus	7 676 027	551 664	516 697	-6,3	623 638	597 971	-4,1
-Professional equipment	7 660 195	622 970	595 665	-4,4	640 682	659 117	2,9
Motor vehicles, parts and accessories and other transport equipment	173 977 223	12 108 268	12 859 974	6,2	13 923 961	14 578 327	4,7
-Motor vehicles	86 281 272	5 862 122	6 182 226	5,5	6 778 098	7 170 228	5,8
-Bodies for motor vehicles, trailers and semi-trailers	8 299 507	599 457	670 785	11,9	721 473	717 250	-0,6
-Parts and accessories	62 802 464	4 489 455	4 784 311	6,6	5 159 269	5 264 288	2,0
-Other transport equipment	16 593 980	1 157 234	1 222 652	5,7	1 265 120	1 426 562	12,8
Furniture and other manufacturing division	59 138 140	4 582 229	4 783 875	4,4	5 220 466	5 058 321	-3,1
-Furniture	11 613 033	837 973	931 221	11,1	1 044 754	1 036 082	-0,8
-Other manufacturing groups	47 525 107	3 744 256	3 852 654	2,9	4 175 712	4 022 239	-3,7
Total	1 386 771 724	103 921 168	112 806 229	8,5	122 813 426	122 533 399	-0,2

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)		
		Feb. to Apr. 2011	Feb. to Apr. 2012	% change between Feb. to Apr. 2011 and Feb. to Apr. 2012	Feb. to Apr. 2011	Feb. to Apr. 2012	% change between Feb. to Apr. 2011 and Feb. to Apr. 2012
Food and beverages	15,4	109,5	112,8	3,0	62 715 570	69 336 026	10,6
-Meat, fish, fruit, etc.	1,8	116,7	120,2	3,0	17 468 620	19 039 773	9,0
-Dairy products	0,8	112,8	117,0	3,7	5 651 926	6 320 268	11,8
-Grain mill products	0,8	105,4	107,1	1,6	10 686 768	12 365 544	15,7
-Other food products	5,2	98,7	100,5	1,8	13 423 819	14 959 790	11,4
-Beverages	6,8	115,9	120,4	3,9	15 484 437	16 650 651	7,5
Textiles, clothing, leather and footwear	4,9	82,4	83,8	1,7	9 632 093	10 137 731	5,2
-Textiles	0,7	65,1	64,3	-1,2	1 186 124	1 201 061	1,3
-Other textile products	0,9	72,5	70,2	-3,2	2 780 571	2 828 255	1,7
-Knitted, crocheted articles	0,2	112,9	89,7	-20,5	481 624	467 588	-2,9
-Wearing apparel	2,1	81,9	85,6	4,5	3 256 840	3 538 482	8,6
-Leather and leather products	0,6	98,6	101,5	2,9	1 075 130	1 157 289	7,6
-Footwear	0,4	99,0	106,9	8,0	851 804	945 056	10,9
Wood and wood products, paper, publishing and printing	10,2	93,8	93,2	-0,6	26 090 836	27 735 863	6,3
-Sawmilling and planing of wood	0,7	83,7	89,9	7,4	1 927 433	2 205 032	14,4
-Products of wood	1,3	84,2	83,9	-0,4	3 696 088	3 866 659	4,6
-Paper and paper products	3,8	108,0	106,5	-1,4	11 373 884	12 163 004	6,9
-Publishing	1,9	82,5	81,5	-1,2	4 041 441	4 175 284	3,3
-Printing, recorded media	2,5	88,2	87,1	-1,2	5 051 990	5 325 884	5,4
Petroleum, chemical products, rubber and plastic products	22,1	112,8	114,2	1,2	77 441 947	90 488 889	16,8
-Coke, petroleum products and nuclear fuel	8,5	95,5	91,3	-4,4	29 942 408	39 435 101	31,7
-Basic chemicals	4,5	124,2	131,2	5,6	15 665 683	16 972 665	8,3
-Other chemical products	5,3	120,2	120,7	0,4	17 856 450	18 474 302	3,5
-Rubber products	1,0	97,3	101,6	4,4	3 529 726	4 012 765	13,7
-Plastic products	2,7	139,5	149,6	7,2	10 447 680	11 594 056	11,0
Glass and non-metallic mineral products	4,8	90,2	93,3	3,4	9 953 926	10 751 428	8,0
-Glass and glass products	1,0	109,5	108,0	-1,4	1 566 993	1 718 365	9,7
-Non-metallic mineral products	3,8	85,4	89,7	5,0	8 386 933	9 033 063	7,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	93,5	93,2	-0,3	75 353 212	80 488 998	6,8
-Basic iron and steel products	7,7	88,6	77,8	-12,2	25 668 714	25 602 711	-0,3
-Non-ferrous metal products	3,4	106,7	96,5	-9,6	14 696 042	14 909 754	1,5
-Structural metal products	2,0	91,8	98,7	7,5	6 833 529	8 013 564	17,3
-Other fabricated metal products	3,8	110,1	119,1	8,2	11 230 949	12 949 096	15,3
-General purpose machinery	2,4	66,6	74,1	11,3	6 662 245	7 577 169	13,7
-Special purpose machinery	3,1	92,1	104,1	13,0	8 042 490	8 926 351	11,0
-Household appliances	0,6	97,3	110,5	13,6	2 219 243	2 510 353	13,1
Electrical machinery	2,5	131,7	130,2	-1,1	10 373 632	10 754 013	3,7
Radio, television and communication apparatus and professional equipment	1,1	101,2	105,7	4,4	3 666 430	3 847 806	4,9
-Radio, television and communication apparatus	0,4	97,0	107,3	10,6	1 795 334	1 924 826	7,2
-Professional equipment	0,7	103,8	104,6	0,8	1 871 096	1 922 980	2,8
Motor vehicles, parts and accessories and other transport equipment	10,9	102,8	102,5	-0,3	43 126 075	43 379 847	0,6
-Motor vehicles	4,9	98,0	101,1	3,2	21 319 896	21 523 625	1,0
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,0	135,7	7,7	2 019 425	2 157 233	6,8
-Parts and accessories	4,7	102,6	100,4	-2,1	15 672 743	15 891 889	1,4
-Other transport equipment	0,9	118,2	103,8	-12,2	4 114 011	3 807 100	-7,5
Furniture and other manufacturing division	5,2	92,8	89,3	-3,8	13 833 954	15 028 436	8,6
-Furniture	1,3	86,0	92,1	7,1	2 608 567	2 878 917	10,4
-Other manufacturing groups	3,9	95,1	88,4	-7,0	11 225 387	12 149 519	8,2
Total	100,0	101,6	102,3	0,7	332 187 675	361 949 037	9,0

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. 2011	Jan. to Apr. 2012	Annual % change between 2011 and 2012	Contribution (% points)	Jan. to Apr. 2011	Jan. to Apr. 2012	Annual % change between 2011 and 2012	Difference in sales between 2011 and 2012
Food and beverages	15,4	106,6	110,6	3,8	0,6	80 734	90 386	12,0	9 652
-Meat, fish, fruit, etc.	1,8	112,0	115,2	2,9	0,1	22 360	24 372	9,0	2 012
-Dairy products	0,8	112,5	118,0	4,9	0,0	7 434	8 385	12,8	951
-Grain mill products	0,8	102,6	107,0	4,3	0,0	13 714	16 348	19,2	2 634
-Other food products	5,2	94,9	96,4	1,6	0,1	17 465	19 577	12,1	2 112
-Beverages	6,8	114,0	119,8	5,1	0,4	19 760	21 705	9,8	1 945
Textiles, clothing, leather and footwear	4,9	76,7	77,8	1,4	0,1	11 945	12 549	5,1	604
-Textiles	0,7	60,6	60,1	-0,8	0,0	1 467	1 490	1,6	23
-Other textile products	0,9	68,3	68,4	0,1	0,0	3 455	3 582	3,7	127
-Knitted, crocheted articles	0,2	102,4	83,7	-18,3	0,0	587	573	-2,4	-14
-Wearing apparel	2,1	75,6	77,3	2,2	0,0	4 025	4 261	5,9	236
-Leather and leather products	0,6	93,8	97,6	4,1	0,0	1 383	1 498	8,3	115
-Footwear	0,4	91,0	97,0	6,6	0,0	1 028	1 144	11,3	116
Wood and wood products, paper, publishing and printing	10,2	92,0	92,8	0,9	0,1	33 930	36 340	7,1	2 410
-Sawmilling and planing of wood	0,7	81,5	87,5	7,4	0,0	2 514	2 846	13,2	332
-Products of wood	1,3	82,2	81,4	-1,0	0,0	4 796	4 976	3,8	180
-Paper and paper products	3,8	105,5	105,7	0,2	0,0	14 666	15 823	7,9	1 157
-Publishing	1,9	80,7	83,9	4,0	0,1	5 266	5 679	7,8	413
-Printing, recorded media	2,5	87,6	86,7	-1,0	0,0	6 689	7 017	4,9	328
Petroleum, chemical products, rubber and plastic products	22,1	109,7	111,0	1,2	0,3	98 324	117 790	19,8	19 466
-Coke, petroleum products and nuclear fuel	8,5	93,5	89,2	-4,6	-0,4	37 505	52 382	39,7	14 877
-Basic chemicals	4,5	122,9	130,2	5,9	0,3	20 299	22 045	8,6	1 746
-Other chemical products	5,3	114,3	115,9	1,4	0,1	22 651	23 518	3,8	867
-Rubber products	1,0	93,9	98,5	4,9	0,0	4 440	5 074	14,3	634
-Plastic products	2,7	134,9	143,1	6,1	0,2	13 429	14 770	10,0	1 341
Glass and non-metallic mineral products	4,8	85,9	90,4	5,2	0,2	12 540	13 627	8,7	1 087
-Glass and glass products	1,0	108,3	108,0	-0,3	0,0	2 051	2 218	8,1	167
-Non-metallic mineral products	3,8	80,3	86,0	7,1	0,2	10 489	11 409	8,8	920
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,8	90,3	0,6	0,1	97 183	102 906	5,9	5 723
-Basic iron and steel products	7,7	84,2	77,7	-7,7	-0,5	33 381	33 311	-0,2	-70
-Non-ferrous metal products	3,4	105,6	98,4	-6,8	-0,2	19 391	19 374	-0,1	-17
-Structural metal products	2,0	86,5	92,4	6,8	0,1	8 524	9 999	17,3	1 475
-Other fabricated metal products	3,8	105,6	113,0	7,0	0,3	14 323	16 359	14,2	2 036
-General purpose machinery	2,4	65,2	69,5	6,6	0,1	8 714	9 529	9,4	815
-Special purpose machinery	3,1	87,0	96,6	11,0	0,3	10 007	11 185	11,8	1 178
-Household appliances	0,6	94,1	106,4	13,1	0,1	2 843	3 148	10,7	305
-Electrical machinery	2,5	125,5	121,9	-2,9	-0,1	13 033	13 257	1,7	224
Radio, television and communication apparatus and professional equipment	1,1	93,8	101,0	7,7	0,1	4 532	4 828	6,5	296
-Radio, television and communication apparatus	0,4	88,2	103,9	17,8	0,1	2 199	2 405	9,4	206
-Professional equipment	0,7	97,4	99,1	1,7	0,0	2 333	2 423	3,9	90
Motor vehicles, parts and accessories and other transport equipment	10,9	99,5	98,8	-0,7	-0,1	53 952	54 574	1,2	622
-Motor vehicles	4,9	93,3	96,3	3,2	0,1	26 093	26 298	0,8	205
-Bodies for motor vehicles, trailers and semi-trailers	0,5	116,1	125,3	7,9	0,0	2 461	2 638	7,2	177
-Parts and accessories	4,7	101,3	97,9	-3,4	-0,2	20 134	20 628	2,5	494
-Other transport equipment	0,9	114,1	102,6	-10,1	-0,1	5 264	5 010	-4,8	-254
Furniture and other manufacturing division	5,2	90,3	85,5	-5,3	-0,3	18 877	19 192	1,7	315
-Furniture	1,3	82,5	86,1	4,4	0,0	3 316	3 570	7,7	254
-Other manufacturing groups	3,9	93,0	85,3	-8,3	-0,3	15 561	15 621	0,4	60
Total	100,0	98,2	99,2	1,0	1,0	425 051	465 449	9,5	40 398

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 sampling frame (BSF), 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 upgrading 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.
- Collection rate**
- 9 The preliminary collection rate for the survey on manufacturing production and sales for April 2012 was 88,2%. Improved collection rate for March 2012 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 3 029 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 are consistent with international best practice.
- 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 2012, 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 2012).

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
- | | |
|----------|---|
| BSF | Business sampling frame |
| 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. <p>Output excludes excise and customs duty paid.</p>
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 -

- valueadded 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 – 2012
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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