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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

Table A - Selected key figures regarding manufacturing production and sales for January 2007

Estimates	January 2007	% change between January 2006 and January 2007	% change between November 2005 to January 2006 and November 2006 to January 2007
Physical volume of manufacturing production index (2000=100)	108,0	+6,2	+6,1
Total value of sales of manufactured products (R million)	76 475	+21,3	+18,1

Seasonally adjusted estimates	January 2007	% change between December 2006 and January 2007	% change between August to October 2006 and November 2006 to January 2007
Physical volume of manufacturing production index (2000=100)	124,2	-0,5	+2,8
Total value of sales of manufactured products (R million)	89 736	+4,8	+3,6

Key findings regarding manufacturing production and sales for January 2007

Manufacturing production increases

The estimated seasonally adjusted manufacturing production for the three months ended January 2007 increased by 2,8% compared with the previous three months. Higher production levels were reported by nine of the ten manufacturing divisions.

The major contributor to the seasonally adjusted increase of 2,8% in total manufacturing production for the three months ended January 2007 compared with the previous three months was the petroleum, chemical products, rubber and plastic products division (contributing +1,5 percentage points), followed by the glass and non-metallic mineral products division (contributing +0,5 of a percentage point), the food and beverages division (contributing +0,4 of a percentage point), the motor vehicles, parts and accessories and other transport equipment division (contributing +0,2 of a percentage point), the textiles, clothing, leather and footwear division, the basic iron and steel, non-ferrous metal products, metal products and machinery division and the furniture and the 'other' manufacturing divisions (each contributing +0,1 of a percentage point) (see Table B).

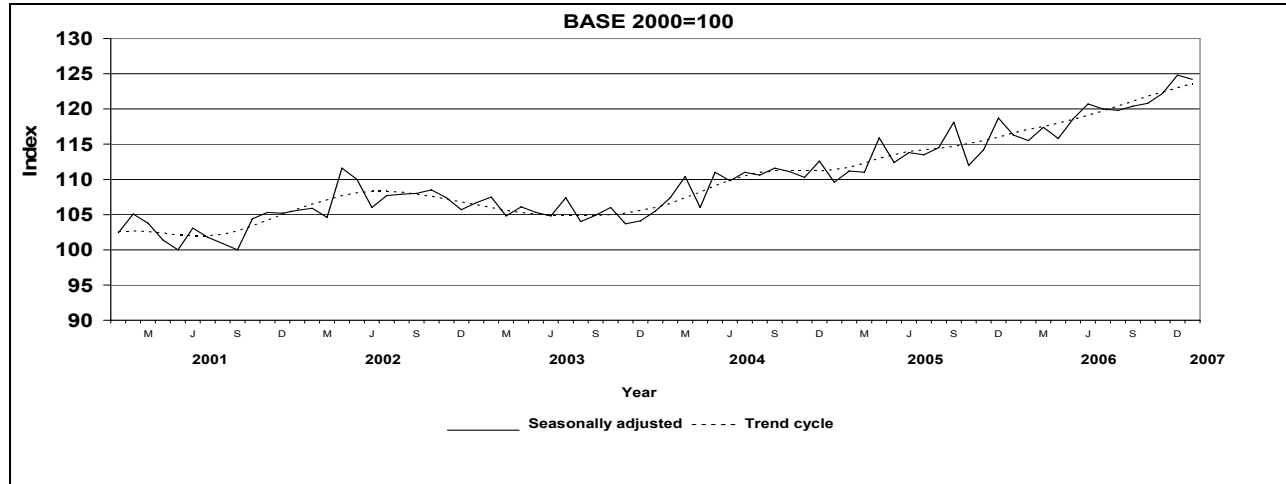
Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production
(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to the total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for August to October 2006	Average seasonally adjusted production index for November 2006 to January 2007	Quarterly percentage change of November 2006 to January 2007 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production
Food and beverages	16,4	119,4	122,5	+2,6	+0,4
Food and food products	12,1	115,3	118,3	+2,6	+0,3
Beverages	4,3	131,1	134,3	+2,4	+0,1
Textiles, clothing, leather and footwear	5,4	100,6	101,6	+1,0	+0,1
Textiles	2,4	100,9	101,5	+0,6	+0,0
Wearing apparel	2,3	104,0	105,2	+1,2	+0,0
Leather and leather products	0,3	99,5	100,1	+0,6	+0,0
Footwear	0,4	82,7	84,8	+2,5	+0,0
Wood, paper, publish and printing	11,0	118,8	118,4	-0,3	-0,0
Wood and products of wood	1,7	128,2	126,5	-1,3	-0,0
Paper and paper products	4,8	116,0	114,5	-1,3	-0,1
Publishing and printing	4,6	117,9	119,3	+1,2	+0,1
Petroleum, chemical products, rubber and plastic products	22,5	114,4	122,1	+6,7	+1,5
Coke, petroleum products and nuclear fuel	9,1	85,9	96,1	+11,9	+1,1
Basic chemicals	4,0	126,2	141,3	+12,0	+0,5
Other chemical products	5,4	133,9	137,4	+2,6	+0,1
Rubber products	1,1	94,2	91,1	-3,3	-0,0
Plastic products	3,0	158,7	160,4	+1,1	+0,0
Glass and non-metallic mineral products	3,9	133,6	149,9	+12,2	+0,5
Glass and glass products	1,1	160,5	213,8	+33,2	+0,4
Non-metallic mineral products	2,9	123,7	126,1	+1,9	+0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	123,2	123,9	+0,6	+0,1
Basic iron and steel products	5,5	118,5	110,2	-7,0	-0,4
Basic precious, non-ferrous metal products	4,7	116,5	122,2	+4,9	+0,2
Fabricated metal products	5,5	126,3	129,4	+2,5	+0,1
Machinery and equipment	6,7	129,2	132,1	+2,2	+0,1
Electrical machinery	2,7	107,4	108,3	+0,8	+0,0
Radio, television and communication apparatus and professional equipment	1,3	112,6	113,2	+0,5	+0,0
Radio, television and communication apparatus	0,7	100,4	104,0	+3,6	+0,0
Professional equipment	0,6	125,1	122,4	-2,2	-0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	145,6	148,6	+2,1	+0,2
Motor vehicles, trailers, parts and accessories	7,6	152,1	154,2	+1,4	+0,1
Other transport equipment	1,0	96,1	104,9	+9,2	+0,1
Furniture and other manufacturing division	5,8	117,4	118,8	+1,2	+0,1
Furniture	1,6	147,3	149,5	+1,5	+0,0
Other manufacturing groups	4,2	106,1	107,2	+1,0	+0,0
Total	100,0	120,3	123,7	+2,8	+2,8

1/ The contribution is calculated by multiplying the quarterly percentage change of each manufacturing group or division with its corresponding weight in the base year, divided by 100.

Figure 1 shows the seasonally adjusted and trend series for the volume index of manufacturing production between January 2001 and January 2007. The trend series rose between mid-2003 and September 2004, and moved sideways up to December 2004. It resumed its upward trend in 2005, which continued until January 2007.

Figure 1 – Index of the physical volume of manufacturing production



Sales of manufactured products increase

The estimated total value of sales of manufactured products at current prices for the three months ended January 2007 increased by 3,6% (+R9 145 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by all ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 3,6% in the total value of sales of manufactured products at current prices for the three months ended January 2007 compared with the previous three months, was mainly due to increases reported for the glass and non-metallic mineral products division (+9,0% or +R668 million), the petroleum, chemical products, rubber and plastic products division (+4,5% or +R2 344 million), the motor vehicles, parts and accessories and other transport equipment division (+4,5% or +R1 873 million), the food and beverages division (+3,5% or +R1 473 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (+2,9% or +R1 583 million) (see Table C).

Table C - Contribution of the manufacturing divisions and major groups to the total value of seasonally adjusted sales of manufactured products at current prices

Manufacturing divisions and major groups	Seasonally adjusted sales August to October 2006	Seasonally adjusted sales November 2006 to January 2007	Percentage change between August to October 2006 and November 2006 to January 2007	Difference in seasonally adjusted sales of manufacturing divisions between August to October 2006 and November 2006 to January 2007
	R'000	R'000		R'000
Food and beverages	42 679 403	44 152 639	+3,5	1 473 236
Food and food products	31 338 472	32 448 219	+3,5	1 109 747
Beverages	11 340 932	11 704 419	+3,2	363 487
Textiles, clothing, leather and footwear	9 817 803	10 209 050	+4,0	391 247
Textiles	4 264 793	4 386 675	+2,9	121 882
Wearing apparel	3 863 260	3 957 840	+2,4	94 580
Leather and leather products	1 063 099	1 166 494	+9,7	103 395
Footwear	626 651	698 040	+11,4	71 389
Wood,paper,publish and printing	22 176 310	22 309 300	+0,6	132 990
Wood and products of wood	4 778 392	4 749 289	-0,6	-29 103
Paper and paper products	9 791 107	9 825 972	+0,4	34 865
Publishing and printing	7 606 811	7 734 040	+1,7	127 229
Petroleum, chemical products, rubber and plastic products	51 581 043	53 924 838	+4,5	2 343 795
Coke, petroleum products and nuclear fuel	18 808 892	19 665 441	+4,6	856 549
Basic chemicals	10 588 471	11 200 233	+5,8	611 762
Other chemical products	12 824 513	13 426 860	+4,7	602 347
Rubber products	2 400 600	2 443 239	+1,8	42 639
Plastic products	6 958 565	7 189 066	+3,3	230 501
Glass and non-metallic mineral products	7 455 849	8 123 593	+9,0	667 744
Glass and glass products	1 481 854	1 977 924	+33,5	496 070
Non-metallic mineral products	5 973 994	6 145 669	+2,9	171 675
Basic iron and steel, non-ferrous metal products, metal products and machinery	55 035 560	56 618 482	+2,9	1 582 922
Basic iron and steel products	21 754 015	22 572 709	+3,8	818 694
Basic precious, non-ferrous metal products	7 952 671	8 129 219	+2,2	176 548
Fabricated metal products	12 213 930	12 725 828	+4,2	511 898
Machinery and equipment	13 114 944	13 190 725	+0,6	75 781
Electrical machinery	7 481 603	7 892 280	+5,5	410 677
Radio, television and communication apparatus and professional equipment	3 126 255	3 157 170	+1,0	30 915
Radio, television and communication apparatus	1 716 415	1 757 961	+2,4	41 546
Professional equipment	1 409 840	1 399 208	-0,8	-10 632
Motor vehicles, parts and accessories and other transport equipment	41 197 626	43 070 817	+4,5	1 873 191
Motor vehicles, trailers, parts and accessories	38 585 460	40 138 186	+4,0	1 552 726
Other transport equipment	2 612 166	2 932 631	+12,3	320 465
Furniture and other manufacturing division	12 436 364	12 674 773	+1,9	238 409
Furniture	2 969 804	3 118 782	+5,0	148 978
Other manufacturing groups	9 466 559	9 555 992	+0,9	89 433
Total	252 987 815	262 132 943	+3,6	9 145 128

The value of sales of manufactured products at current prices for the three months ended January 2007 was 18,1% (R38 491 million) higher than for the three months ended January 2006 (see Table D).

The major contributors to the increase of 18,1% in sales of manufactured products at current prices for the three months ended January 2007 compared with the three months ended January 2006 were the basic iron and steel, non-ferrous metal products, metal products and machinery (+5,1 percentage points or +R10 905 million), the petroleum, chemical products, rubber and plastic products (+4,5 percentage points or +R9 555 million), the motor vehicles, parts and accessories and other transport equipment (+3,0 percentage points or +R6 323 million), the food and beverages (+2,0 percentage points or +R4 275 million), the wood and wood products, paper, publishing and printing (+1,1 percentage points or +R2 331 million), the electrical machinery (+0,8 of a percentage point or +R1 791 million), the furniture and 'other manufacturing' divisions (+0,7 of a percentage point or +R1 568 million) and the glass and non-metallic mineral products (+0,5 of a percentage point or +R1 067 million) divisions (see Table D).

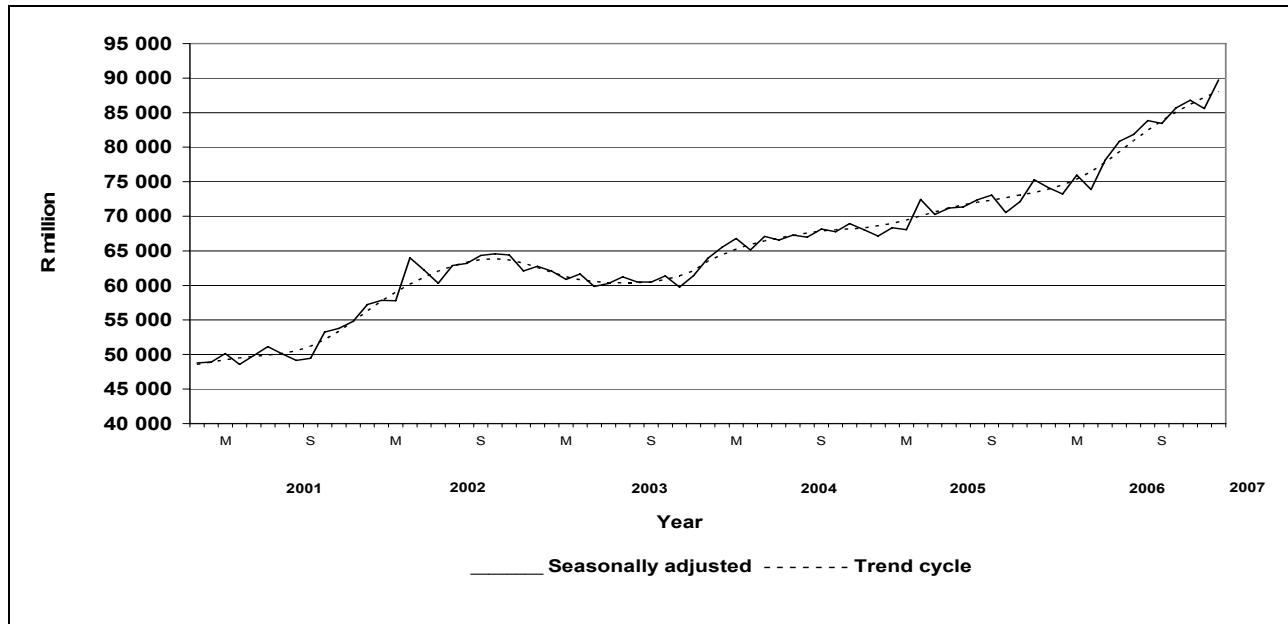
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products to January 2006	Percentage change between November 2005 to January 2007	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between November 2005 to January 2006 and November 2006 to January 2007
Food and beverages	19,5	+10,4	+2,0	4 275 277
Food and food products	13,8	+11,1	+1,5	3 261 692
Beverages	5,6	+8,5	+0,5	1 013 585
Textiles, clothing, leather and footwear	4,1	+6,4	+0,3	556 766
Textiles	1,7	+6,7	+0,1	244 159
Wearing apparel	1,6	+7,0	+0,1	237 850
Leather and leather products	0,5	+2,4	-0,0	24 721
Footwear	0,3	+8,8	-0,0	50 036
Wood,paper,publish and printing	9,1	+12,1	+1,1	2 330 802
Wood and products of wood	1,8	+12,7	+0,2	486 889
Paper and paper products	4,1	+12,2	+0,5	1 054 115
Publishing and printing	3,2	+11,5	+0,4	789 798
Petroleum, chemical products, rubber and plastic products	20,0	+22,5	+4,5	9 555 281
Coke, petroleum products and nuclear fuel	6,8	+31,6	+2,1	4 539 149
Basic chemicals	4,2	+23,5	+1,0	2 086 010
Other chemical products	5,5	+12,0	+0,7	1 399 913
Rubber products	0,9	+16,3	+0,1	308 864
Plastic products	2,7	+21,3	+0,6	1 221 345
Glass and non-metallic mineral products	3,0	+16,7	+0,5	1 066 812
Glass and glass products	0,6	+53,1	+0,3	663 547
Non-metallic mineral products	2,4	+7,9	+0,2	403 265
Basic iron and steel, non-ferrous metal products, metal products and machinery	20,2	+25,4	+5,1	10 905 209
Basic iron and steel products	6,9	+45,8	+3,2	6 756 972
Basic precious, non-ferrous metal products	3,0	+27,6	+0,8	1 738 619
Fabricated metal products	4,8	+14,3	+0,7	1 459 066
Machinery and equipment	5,5	+8,2	+0,5	950 552
Electrical machinery	2,6	+32,6	+0,8	1 791 015
Radio, television and communication apparatus and professional equipment	1,4	+4,1	+0,1	118 752
Radio, television and communication apparatus	0,7	+14,0	+0,1	207 394
Professional equipment	0,7	-6,1	-0,0	-88 642
Motor vehicles, parts and accessories and other transport equipment	15,3	+19,5	+3,0	6 323 280
Motor vehicles, trailers, parts and accessories	14,3	+18,9	+2,7	5 750 185
Other transport equipment	1,0	+27,4	+0,3	573 095
Furniture and other manufacturing division	4,9	+15,1	+0,7	1 567 921
Furniture	1,2	+14,8	+0,2	361 822
Other manufacturing groups	3,7	+15,2	+0,6	1 206 099
Total	100,0	+18,1	+18,1	38 491 115

1/ The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing major group or division with the percentage contribution of the same major group or division during corresponding period in 2005/2006, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 2001 and January 2007. After peaking in September 2002, the series declined until May 2003, before resuming its upward movement.

Figure 2 - Total value of sales of manufactured products at current prices



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Detailed results: Tables

Table 1 - Indices of the physical volume of manufacturing production: Total

Base 2000 = 100

Month	2001	2002	2003	2004	2005	2006	2007
Actual indices							
J	91,1	93,7	94,4	93,1	96,2	101,7	1/ 108,0
F	102,7	103,6	104,3	103,6	106,3	110,1	
M	106,8	108,2	108,4	114,1	114,9	121,4	
A	95,3	104,4	100,0	100,3	109,2	109,2	
M	100,2	110,3	105,7	111,6	112,8	118,9	
J	104,0	106,7	105,3	110,5	114,3	121,4	
J	102,8	108,8	108,7	113,0	115,5	122,2	
A	102,3	109,8	106,3	113,7	118,2	123,8	
S	103,1	111,4	108,7	116,0	122,9	125,6	
O	114,9	119,6	116,7	122,5	123,2	132,7	
N	117,6	119,8	114,9	122,3	127,1	1/ 135,9	
D	92,5	92,7	91,5	99,0	104,6	1/ 109,8	
Year	102,8	107,4	105,4	110,0	113,8	119,4	
Seasonally adjusted indices							
J	102,6	105,8	107,0	105,5	109,6	116,3	124,2
F	105,1	105,9	107,7	107,5	111,2	115,5	
M	103,7	104,5	104,7	110,2	111,0	117,4	
A	101,6	111,9	106,7	106,1	115,9	115,8	
M	100,0	110,0	105,3	111,1	112,4	118,6	
J	103,2	106,1	104,8	110,0	113,8	120,7	
J	101,6	107,4	107,1	111,1	113,5	120,0	
A	100,9	107,7	103,8	110,6	114,5	119,8	
S	99,9	108,0	105,0	111,7	118,1	120,4	
O	104,4	108,7	106,2	111,3	112,0	120,8	
N	105,3	107,5	103,6	110,0	114,2	122,2	
D	104,9	105,2	103,2	112,0	118,7	124,8	

1/ Preliminary.

Table 2 - Percentage change in the index of the physical volume of manufacturing production: Total

Month	2001	2002	2003	2004	2005	2006	2007
J	.	+2,9	+0,7	-1,4	+3,3	+5,7	+6,2
F	.	+0,9	+0,7	-0,7	+2,6	+3,6	
M	.	+1,3	+0,2	+5,3	+0,7	+5,7	
A	.	+9,5	-4,2	+0,3	+8,9	-0,0	
M	.	+10,1	-4,2	+5,6	+1,1	+5,4	
J	.	+2,6	-1,3	+4,9	+3,4	+6,2	
J	.	+5,8	-0,1	+4,0	+2,2	+5,8	
A	.	+7,3	-3,2	+7,0	+4,0	+4,7	
S	.	+8,1	-2,4	+6,7	+5,9	+2,2	
O	.	+4,1	-2,4	+5,0	+0,6	+7,7	
N	.	+1,9	-4,1	+6,4	+3,9	+6,9	
D	.	+0,2	-1,3	+8,2	+5,7	+5,0	
Year	.	+4,5	-1,9	+4,4	+3,5	+4,9	

The percentage change is the change in the index of the physical volume of manufacturing production of the relevant year compared with the index of physical volume of manufacturing production of the previous year expressed as a percentage.

Table 3a - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups

Base 2000 = 100

Manufacturing divisions and major groups	Weights Year		Indices			Seasonally adjusted indices			
			2006	January	1/	1/	2006	December	January
				2006	2006	2007			
				1/	2006	2007			
Food and beverages	16,4	119,6	100,5	126,1	108,2	116,5	120,0	127,2	
Meat, fish, fruit etc.	2,6	124,2	115,2	126,0	118,2	123,7	122,5	127,2	
Dairy products	1,1	110,3	108,0	125,3	119,0	108,6	112,9	119,7	
Grain mill products	1,5	124,3	115,7	127,6	127,5	127,7	129,0	141,2	
Other food products	6,8	110,4	71,1	100,5	80,7	99,1	110,9	115,6	
Beverages	4,3	132,3	130,6	166,2	135,9	137,6	131,5	142,4	
Textiles, clothing, leather and footwear	5,4	100,0	70,2	79,6	69,1	98,1	104,8	96,9	
Textiles	1,2	81,1	57,8	59,3	53,8	80,2	94,4	74,6	
Other textile products	1,2	120,5	87,3	94,6	82,5	119,6	122,7	113,9	
Knitted, crocheted articles	0,3	80,7	55,7	58,0	63,3	78,5	89,2	88,6	
Wearing apparel	2,0	106,7	70,6	89,5	71,2	102,9	108,0	103,9	
Leather and leather products	0,3	98,2	94,7	83,4	87,1	105,2	103,0	97,2	
Footwear	0,4	82,5	50,2	63,6	56,9	78,0	84,1	88,7	
Wood and wood products, paper, publishing and printing	11,0	116,1	97,6	109,8	103,1	109,3	121,1	115,8	
Sawmilling and planing of wood	0,7	118,3	102,5	90,2	105,1	119,2	117,2	121,7	
Products of wood	1,0	130,4	94,7	101,6	102,3	120,1	130,6	130,9	
Paper and paper products	4,8	112,6	97,8	112,2	101,1	103,4	119,4	107,5	
Publishing	2,4	120,1	100,9	125,9	112,8	113,5	129,5	126,8	
Printing, recorded media	2,1	111,8	93,3	96,4	96,3	109,2	112,1	112,7	
Petroleum, chemical products, rubber and plastic products	22,5	115,7	103,6	112,8	112,3	112,3	122,3	122,9	
Coke, petroleum products, and nuclear fuel	9,1	95,0	101,9	99,1	99,4	99,5	96,9	97,3	
Basic chemicals	4,0	125,3	106,0	131,5	130,3	115,6	139,9	143,0	
Other chemical products	5,4	130,6	106,9	122,3	116,8	124,9	137,3	137,3	
Rubber products	1,1	89,6	66,6	62,0	74,2	78,5	96,1	87,8	
Plastic products	3,0	149,5	113,8	132,4	134,6	137,1	159,6	162,3	
Glass and non-metallic mineral products	3,9	133,8	108,6	131,1	125,2	130,7	155,1	149,9	
Glass and glass products	1,1	162,9	127,5	212,9	184,0	147,3	233,7	212,3	
Non-metallic mineral products	2,9	122,9	101,6	100,7	103,3	124,5	125,8	126,7	
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,6	107,2	111,0	112,8	118,6	126,4	125,0	
Basic iron and steel products	5,5	111,7	110,1	103,1	116,8	108,6	112,0	115,0	
Non-ferrous metal products	4,7	119,3	116,5	120,9	114,8	121,2	128,2	119,6	
Structural metal products	1,3	123,8	91,4	96,3	101,6	122,8	128,1	136,8	
Other fabricated metal products	4,2	123,7	93,6	103,1	103,7	115,3	129,2	127,8	
General purpose machinery	2,4	112,3	88,8	105,5	95,7	108,4	122,3	117,3	
Special purpose machinery	3,2	134,7	123,6	134,3	130,0	133,7	145,6	140,0	
Household appliances	1,2	134,4	116,8	104,1	119,6	144,5	134,7	145,9	
Electrical machinery	2,7	104,7	80,9	90,2	84,5	106,0	108,0	110,5	
Radio, television and communication apparatus and professional equipment	1,3	109,7	90,9	102,3	97,7	103,7	109,6	113,0	
Radio, television and communication apparatus	0,7	96,3	63,0	95,2	83,5	75,0	97,9	101,0	
Professional equipment	0,6	123,4	119,3	109,5	112,1	132,9	121,5	125,1	
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	122,4	92,8	126,9	143,7	143,2	149,9	
Motor vehicles	4,1	149,0	121,0	91,3	123,4	146,9	150,2	149,6	
Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	128,3	144,2	181,1	205,2	192,9	287,4	
Parts and accessories	3,1	151,3	136,8	89,5	136,3	148,6	139,3	148,7	
Other transport equipment	1,0	96,2	80,5	90,2	91,2	91,8	107,4	103,5	
Other manufacturing divisions	5,8	113,2	89,8	96,5	91,2	109,4	131,0	113,3	
Furniture	1,6	142,9	87,4	116,0	100,9	131,3	151,0	151,3	
Other manufacturing groups	4,2	102,0	90,7	89,1	87,5	101,1	123,5	99,0	
Total	100,0	119,4	101,7	109,8	108,0	116,3	124,8	124,2	

1/ Preliminary.

Table 3b - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups (concluded)

Base 2000 = 100

Manufacturing divisions and major groups	Weights	Year 2006 1/	Indices			Seasonally adjusted indices		
			January 2006	1/ January 2007	Percentage difference January 2006 and January 2007	December 2006	January 2007	Percentage difference December 2006 and January 2007
Food and beverages	16,4	119,6	100,5	108,2	+7,7	120,0	127,2	+6,0
Meat, fish, fruit etc.	2,6	124,2	115,2	118,2	+2,6	122,5	127,2	+3,8
Dairy products	1,1	110,3	108,0	119,0	+10,2	112,9	119,7	+6,0
Grain mill products	1,5	124,3	115,7	127,5	+10,2	129,0	141,2	+9,5
Other food products	6,8	110,4	71,1	80,7	+13,5	110,9	115,6	+4,2
Beverages	4,3	132,3	130,6	135,9	+4,1	131,5	142,4	+8,3
Textiles, clothing, leather and footwear	5,4	100,0	70,2	69,1	-1,6	104,8	96,9	-7,5
Textiles	1,2	81,1	57,8	53,8	-6,9	94,4	74,6	-21,0
Other textile products	1,2	120,5	87,3	82,5	-5,5	122,7	113,9	-7,2
Knitted, crocheted articles	0,3	80,7	55,7	63,3	+13,6	89,2	88,6	-0,7
Wearing apparel	2,0	106,7	70,6	71,2	+0,8	108,0	103,9	-3,8
Leather and leather products	0,3	98,2	94,7	87,1	-8,0	103,0	97,2	-5,6
Footwear	0,4	82,5	50,2	56,9	+13,3	84,1	88,7	+5,5
Wood and wood products, paper, publishing and printing	11,0	116,1	97,6	103,1	+5,6	121,1	115,8	-4,4
Sawmilling and planing of wood	0,7	118,3	102,5	105,1	+2,5	117,2	121,7	+3,8
Products of wood	1,0	130,4	94,7	102,3	+8,0	130,6	130,9	+0,2
Paper and paper products	4,8	112,6	97,8	101,1	+3,4	119,4	107,5	-10,0
Publishing	2,4	120,1	100,9	112,8	+11,8	129,5	126,8	-2,1
Printing, recorded media	2,1	111,8	93,3	96,3	+3,2	112,1	112,7	+0,5
Petroleum, chemical products, rubber and plastic products	22,5	115,7	103,6	112,3	+8,4	122,3	122,9	+0,5
Coke, petroleum products and nuclear fuel	9,1	95,0	101,9	99,4	-2,5	96,9	97,3	+0,4
Basic chemicals	4,0	125,3	106,0	130,3	+22,9	139,9	143,0	+2,2
Other chemical products	5,4	130,6	106,9	116,8	+9,3	137,3	137,3	-0,0
Rubber products	1,1	89,6	66,6	74,2	+11,4	96,1	87,8	-8,6
Plastic products	3,0	149,5	113,8	134,6	+18,3	159,6	162,3	+1,7
Glass and non-metallic mineral products	3,9	133,8	108,6	125,2	+15,3	155,1	149,9	-3,4
Glass and glass products	1,1	162,9	127,5	184,0	+44,3	233,7	212,3	-9,2
Non-metallic mineral products	2,9	122,9	101,6	103,3	+1,7	125,8	126,7	+0,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,6	107,2	112,8	+5,2	126,4	125,0	-1,1
Basic iron and steel products	5,5	111,7	110,1	116,8	+6,1	112,0	115,0	+2,7
Non-ferrous metal products	4,7	119,3	116,5	114,8	-1,5	128,2	119,6	-6,7
Structural metal products	1,3	123,8	91,4	101,6	+11,2	128,1	136,8	+6,8
Other fabricated metal product	4,2	123,7	93,6	103,7	+10,8	129,2	127,8	-1,1
General purpose machinery	2,4	112,3	88,8	95,7	+7,8	122,3	117,3	-4,1
Special purpose machinery	3,2	134,7	123,6	130,0	+5,2	145,6	140,0	-3,8
Household appliances	1,2	134,4	116,8	119,6	+2,4	134,7	145,9	+8,3
Electrical machinery	2,7	104,7	80,9	84,5	+4,4	108,0	110,5	+2,3
Radio, television and communication apparatus and professional equipment	1,3	109,7	90,9	97,7	+7,5	109,6	113,0	+3,1
Radio, television and communication apparatus	0,7	96,3	63,0	83,5	+32,5	97,9	101,0	+3,2
Professional equipment	0,6	123,4	119,3	112,1	-6,0	121,5	125,1	+3,0
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	122,4	126,9	+3,7	143,2	149,9	+4,7
Motor vehicles	4,1	149,0	121,0	123,4	+2,0	150,2	149,6	-0,4
Bodies for motor vehicles, trailers and semi-trailers Parts and accessories	0,4	188,8	128,3	181,1	+41,2	192,9	287,4	+49,0
Other transport equipment	3,1	151,3	136,8	136,3	-0,4	139,3	148,7	+6,7
Other manufacturing divisions	1,0	96,2	80,5	91,2	+13,3	107,4	103,5	-3,6
Furniture	5,8	113,2	89,8	91,2	+1,6	131,0	113,3	-13,5
Other manufacturing groups	1,6	142,9	87,4	100,9	+15,4	151,0	151,3	+0,2
	4,2	102,0	90,7	87,5	-3,5	123,5	99,0	-19,8
Total	100,0	119,4	101,7	108,0	+6,2	124,8	124,2	-0,5

1/ Preliminary.

Table 4 – Total estimated sales of the manufacturing industry at current prices (R'000)

Month	2001	2002	2003	2004	2005	2006	2007
Actual values							
J	41 332 917	48 600 027	53 384 436	54 087 849	56 926 654	63 027 398	1/ 76 474 648
F	47 874 247	56 818 912	60 881 876	63 110 685	65 565 940	70 108 041	
M	52 608 434	60 472 620	63 316 690	68 614 939	69 819 744	77 815 087	
A	46 203 182	60 877 645	59 232 782	61 834 608	68 571 415	69 777 363	
M	50 552 878	63 156 595	60 804 311	67 456 958	70 514 406	78 323 968	
J	52 406 074	61 624 691	61 395 291	67 184 752	71 804 551	81 545 917	
J	50 312 376	63 357 520	61 954 528	67 776 226	72 023 115	82 648 424	
A	50 354 970	64 807 330	62 002 082	68 542 440	74 351 047	86 197 273	
S	51 467 372	67 204 918	63 496 302	71 584 850	77 072 274	88 177 811	
O	58 975 926	71 567 676	68 034 682	74 142 435	77 081 000	93 321 274	
N	60 234 047	72 016 317	66 843 411	76 371 998	80 516 878	1/ 96 610 071	
D	51 201 599	57 550 291	56 685 863	62 523 603	68 656 468	1/ 77 607 140	
Year	613 524 022	748 054 542	738 032 254	803 231 343	852 903 492	965 159 767	
Seasonally adjusted values							
J	49 112 576	57 645 584	63 243 337	63 870 128	67 147 296	74 149 160	89 735 882
F	49 266 243	58 464 688	62 855 603	65 466 496	68 351 195	73 232 839	
M	50 490 686	58 276 909	61 372 592	66 784 898	68 052 449	75 981 910	
A	48 972 323	64 587 358	62 587 365	65 095 017	72 420 354	73 887 240	
M	50 249 359	62 725 983	60 422 815	67 114 234	70 274 460	78 119 349	
J	51 442 035	60 708 215	60 750 734	66 618 530	71 192 608	80 832 259	
J	50 405 479	63 312 152	61 794 797	67 306 465	71 360 773	81 848 040	
A	49 544 542	63 656 746	60 802 542	66 962 623	72 406 297	83 848 461	
S	49 690 066	64 649 935	60 764 761	68 170 536	73 070 273	83 452 920	
O	53 642 341	65 277 950	62 097 031	67 771 646	70 544 731	85 686 434	
N	54 167 201	64 902 235	60 122 239	68 706 536	72 114 901	86 791 904	
D	55 375 608	62 582 013	61 896 611	68 251 865	75 300 013	85 605 157	

1/ Preliminary.

Table 5 - Percentage change in the value of sales of the manufacturing industry: Total

Month	2001	2002	2003	2004	2005	2006	2007
J	..	+17,6	+9,8	+1,3	+5,2	+10,7	+21,3
F	..	+18,7	+7,2	+3,7	+3,9	+6,9	
M	..	+14,9	+4,7	+8,4	+1,8	+11,5	
A	..	+31,8	-2,7	+4,4	+10,9	+1,8	
M	..	+24,9	-3,7	+10,9	+4,5	+11,1	
J	..	+17,6	-0,4	+9,4	+6,9	+13,6	
J	..	+25,9	-2,2	+9,4	+6,3	+14,8	
A	..	+28,7	-4,3	+10,5	+8,5	+15,9	
S	..	+30,6	-5,5	+12,7	+7,7	+14,4	
O	..	+21,4	-4,9	+9,0	+4,0	+21,1	
N	..	+19,6	-7,2	+14,3	+5,4	+20,0	
D	..	+12,4	-1,5	+10,3	+9,8	+13,0	
Year		+21,9	-1,3	+8,8	+6,2	+13,2	

The percentage change is the change in the sales of the manufacturing industry of the relevant year compared with the sales of the previous year expressed as a percentage.

Table 6a - Sales of manufactured products according to manufacturing divisions and major groups (R'000)

Manufacturing divisions and major groups	Year	Actual values			Seasonally adjusted values		
		1/	1/	1/	January	December	January
		2006	2006	2007	2006	2007	
		2006	2006	2007	2006	2007	
Food and beverages	165 841 579	11 490 617	16 208 027	13 486 361	13 126 612	14 212 572	15 415 383
Meat, fish, fruit etc.	37 503 135	2 591 517	3 576 016	3 138 185	2 971 527	3 333 148	3 599 607
Dairy products	14 564 021	1 097 263	1 400 755	1 289 065	1 182 521	1 262 259	1 388 073
Grain mill products	27 914 167	2 023 489	2 591 593	2 481 629	2 227 541	2 467 639	2 737 653
Other food products	41 674 931	2 748 932	3 497 920	2 972 921	3 310 244	3 408 502	3 593 785
Beverages	44 185 325	3 029 416	5 141 743	3 604 561	3 434 779	3 741 023	4 096 265
Textiles, clothing, leather and footwear	39 204 688	2 273 759	2 748 513	2 463 757	3 173 854	3 411 188	3 441 358
Textiles	6 532 754	387 367	418 581	397 486	542 831	599 741	557 569
Other textile products	10 386 013	595 523	685 833	678 303	803 733	859 618	914 491
Knitted, crocheted articles	1 671 893	90 958	109 405	107 158	135 635	156 748	159 930
Wearing apparel	13 688 663	715 634	1 020 803	771 812	1 084 785	1 166 498	1 168 169
Leather and leather products	4 370 166	346 219	309 871	353 175	387 652	388 549	395 091
Footwear	2 555 199	138 058	204 020	155 823	219 217	240 033	246 108
Wood and wood products, paper, publishing and printing	85 630 658	5 801 962	6 847 264	6 459 905	6 612 094	7 548 735	7 386 756
Sawmilling and planing of wood	4 838 456	324 707	330 073	371 165	372 179	409 898	423 023
Products of wood	13 396 221	773 259	919 484	876 277	1 016 228	1 173 281	1 163 652
Paper and paper products	37 837 784	2 688 444	3 173 871	2 915 192	2 926 576	3 352 212	3 186 897
Publishing	13 327 119	907 387	1 214 101	1 096 736	1 011 679	1 251 573	1 222 785
Printing, recorded media	16 231 078	1 108 165	1 209 735	1 200 535	1 285 432	1 361 771	1 390 400
Petroleum, chemical products, rubber and plastic products	196 508 723	13 190 409	15 889 418	16 304 525	15 010 135	17 431 660	18 565 864
Coke, petroleum products, and nuclear fuel	71 375 299	4 974 764	5 766 143	6 345 156	5 348 027	6 206 646	6 840 093
Basic chemicals	39 857 968	2 690 487	3 277 628	3 452 400	3 050 585	3 647 889	3 922 666
Other chemical products	49 921 473	3 324 815	4 130 317	3 820 375	3 955 324	4 390 635	4 556 291
Rubber products	9 064 433	536 760	664 178	637 152	677 990	816 887	808 612
Plastic products	26 289 550	1 663 583	2 051 152	2 049 442	1 978 209	2 369 604	2 438 203
Glass and non-metallic mineral products	29 451 375	1 883 706	2 216 244	2 212 243	2 337 367	2 758 716	2 751 048
Glass and glass products	5 877 111	357 278	676 083	526 600	452 113	753 915	664 421
Non-metallic mineral products	23 574 264	1 526 428	1 540 161	1 685 643	1 885 254	2 004 801	2 086 627
Basic iron and steel, non-ferrous metal products, metal products and machinery	203 631 651	13 046 083	16 392 069	16 846 888	15 194 597	18 385 145	19 378 782
Basic iron and steel products	75 907 775	4 879 914	6 434 223	7 179 444	5 207 017	7 338 445	7 646 279
Non-ferrous metal products	29 778 495	1 812 499	2 588 439	2 529 680	2 116 035	2 513 008	2 945 590
Structural metal products	14 559 122	873 273	976 055	1 029 029	1 170 509	1 232 710	1 363 943
Other fabricated metal products	33 082 624	2 056 291	2 387 482	2 333 724	2 535 898	2 894 880	2 877 189
General purpose machinery	19 115 515	1 263 320	1 514 117	1 396 614	1 595 503	1 626 824	1 756 420
Special purpose machinery	21 358 149	1 468 652	1 811 323	1 677 337	1 713 711	1 940 973	1 936 366
Household appliances	9 829 971	692 134	680 430	701 060	855 925	838 304	852 994
Electrical machinery	27 769 686	1 559 294	2 219 736	2 057 439	2 024 787	2 550 174	2 683 806
Radio, television and communication apparatus and professional equipment	12 086 070	820 354	972 275	886 441	963 828	1 031 729	1 049 959
Radio, television and communication apparatus	6 577 681	383 449	553 138	454 519	480 785	575 938	572 648
Professional equipment	5 508 389	436 905	419 137	431 922	483 043	455 790	477 310
Motor vehicles, parts and accessories and other transport equipment	158 188 603	10 093 703	10 448 425	12 243 582	12 080 578	14 177 065	14 631 110
Motor vehicles	87 984 526	5 454 515	5 820 731	6 270 131	6 785 111	7 806 199	7 814 115
Bodies for motor vehicles, trailers and semi-trailers	7 243 351	356 700	544 365	496 486	513 089	632 168	717 498
Parts and accessories	52 762 814	3 603 861	3 249 823	4 632 278	4 002 244	4 731 670	5 135 734
Other transport equipment	10 197 912	678 627	833 506	844 687	780 135	1 007 028	963 763
Other manufacturing divisions	46 846 734	2 867 511	3 665 169	3 513 507	3 625 308	4 098 173	4 431 815
Furniture	11 425 640	545 165	803 178	697 480	855 753	1 019 793	1 087 856
Other manufacturing groups	35 421 094	2 322 346	2 861 991	2 816 027	2 769 554	3 078 380	3 343 960
Total	1 965 159 767	163 027 398 77	607 140 76 474 648	74 149 160 85 605 157 89 735 882			

1/ Preliminary.

Table 6b - Sales of manufactured products according to manufacturing divisions and major groups (R'000) (concluded)

Manufacturing divisions and major groups	Value of sales				Seasonally adjusted value of sales			
	Year	1/		Percentage change between January 2006 and January 2007	1/		Percentage change between December 2006 and January 2007	
		2006	January 2006		January 2007	December 2006		January 2007
		1/						
Food and beverages	165 841 579	11 490 617	13 486 361	+17,4	14 212 572	15 415 383	+8,5	
Meat, fish, fruit etc.	37 503 135	2 591 517	3 138 185	+21,1	3 333 148	3 599 607	+8,0	
Dairy products	14 564 021	1 097 263	1 289 065	+17,5	1 262 259	1 388 073	+10,0	
Grain mill products	27 914 167	2 023 489	2 481 629	+22,6	2 467 639	2 737 653	+10,9	
Other food products	41 674 931	2 748 932	2 972 921	+8,1	3 408 502	3 593 785	+5,4	
Beverages	44 185 325	3 029 416	3 604 561	+19,0	3 741 023	4 096 265	+9,5	
Textiles, clothing, leather and footwear	39 204 688	2 273 759	2 463 757	+8,4	3 411 188	3 441 358	+0,9	
Textiles	6 532 754	387 367	397 486	+2,6	599 741	557 569	-7,0	
Other textile products	10 386 013	595 523	678 303	+13,9	859 618	914 491	+6,4	
Knitted, crocheted articles	1 671 893	90 958	107 158	+17,8	156 748	159 930	+2,0	
Wearing apparel	13 688 663	715 634	771 812	+7,9	1 166 498	1 168 169	+0,1	
Leather and leather products	4 370 166	346 219	353 175	+2,0	388 549	395 091	+1,7	
Footwear	2 555 199	138 058	155 823	+12,9	240 033	246 108	+2,5	
Wood and wood products, paper, publishing and printing	85 630 658	5 801 962	6 459 905	+11,3	7 548 735	7 386 756	-2,1	
Sawmilling and planing of wood	4 838 456	324 707	371 165	+14,3	409 898	423 023	+3,2	
Products of wood	13 396 221	773 259	876 277	+13,3	1 173 281	1 163 652	-0,8	
Paper and paper products	37 837 784	2 688 444	2 915 192	+8,4	3 352 212	3 186 897	-4,9	
Publishing	13 327 119	907 387	1 096 736	+20,9	1 251 573	1 222 785	-2,3	
Printing, recorded media	16 231 078	1 108 165	1 200 535	+8,3	1 361 771	1 390 400	+2,1	
Petroleum, chemical products, rubber and plastic products	196 508 723	13 190 409	16 304 525	+23,6	17 431 660	18 565 864	+6,5	
Coke, petroleum products and nuclear fuel	71 375 299	4 974 764	6 345 156	+27,5	6 206 646	6 840 093	+10,2	
Basic chemicals	39 857 968	2 690 487	3 452 400	+28,3	3 647 889	3 922 666	+7,5	
Other chemical products	49 921 473	3 324 815	3 820 375	+14,9	4 390 635	4 556 291	+3,8	
Rubber products	9 064 433	536 760	637 152	+18,7	816 887	808 612	-1,0	
Plastic products	26 289 550	1 663 583	2 049 442	+23,2	2 369 604	2 438 203	+2,9	
Glass and non-metallic mineral products	29 451 375	1 883 706	2 212 243	+17,4	2 758 716	2 751 048	-0,3	
Glass and glass products	5 877 111	357 278	526 600	+47,4	753 915	664 421	-11,9	
Non-metallic mineral products	23 574 264	1 526 428	1 685 643	+10,4	2 004 801	2 086 627	+4,1	
Basic iron and steel, non-ferrous metal products, metal products and machinery	203 631 651	13 046 083	16 846 888	+29,1	18 385 145	19 378 782	+5,4	
Basic iron and steel products	75 907 775	4 879 914	7 179 444	+47,1	7 338 445	7 646 279	+4,2	
Non-ferrous metal products	29 778 495	1 812 499	2 529 680	+39,6	2 513 008	2 945 590	+17,2	
Structural metal products	14 559 122	873 273	1 029 029	+17,8	1 232 710	1 363 943	+10,6	
Other fabricated metal products	33 082 624	2 056 291	2 333 724	+13,5	2 894 880	2 877 189	-0,6	
General purpose machinery	19 115 515	1 263 320	1 396 614	+10,6	1 626 824	1 756 420	+8,0	
Special purpose machinery	21 358 149	1 468 652	1 677 337	+14,2	1 940 973	1 936 366	-0,2	
Household appliances	9 829 971	692 134	701 060	+1,3	838 304	852 994	+1,8	
Electrical machinery	27 769 686	1 559 294	2 057 439	+31,9	2 550 174	2 683 806	+5,2	
Radio, television and communication apparatus and professional equipment	12 086 070	820 354	886 441	+8,1	1 031 729	1 049 959	+1,8	
Radio, television and communication apparatus	6 577 681	383 449	454 519	+18,5	575 938	572 648	-0,6	
Professional equipment	5 508 389	436 905	431 922	-1,1	455 790	477 310	+4,7	
Motor vehicles, parts and accessories and other transport equipment	158 188 603	10 093 703	12 243 582	+21,3	14 177 065	14 631 110	+3,2	
Motor vehicles	87 984 526	5 454 515	6 270 131	+15,0	7 806 199	7 814 115	+0,1	
Bodies for motor vehicles, trailers and semi-trailers	7 243 351	356 700	496 486	+39,2	632 168	717 498	+13,5	
Parts and accessories	52 762 814	3 603 861	4 632 278	+28,5	4 731 670	5 135 734	+8,5	
Other transport equipment	10 197 912	678 627	844 687	+24,5	1 007 028	963 763	-4,3	
Other manufacturing divisions	46 846 734	2 867 511	3 513 507	+22,5	4 098 173	4 431 815	+8,1	
Furniture	11 425 640	545 165	697 480	+27,9	1 019 793	1 087 856	+6,7	
Other manufacturing groups	35 421 094	2 322 346	2 816 027	+21,3	3 078 380	3 343 960	+8,6	
Total	1965 159 767	163 027 398	76 474 648	+21,3	85 605 157	89 735 882	+4,8	

1/ Preliminary.

Table 7 - Percentage change between the current quarter and the corresponding quarter of the previous year in the physical volume of manufacturing production and sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Indices (base 2000=100)			Value of sales (R'000)		
		November 2005 to January 2006	November 2006 to January 2007	Annual percentage change between November 2006 and November 2007	November 2005 to January 2006	November 2006 to January 2007	Annual percentage change between November 2006 and November 2007
Food and beverages	16,4	120,4	122,3	+1,6	41 278 216	45 553 493	+10,4
Meat, fish, fruit etc.	2,6	129,0	124,1	-3,8	9 213 863	10 240 805	+11,1
Dairy products	1,1	113,9	122,3	+7,4	3 570 748	4 055 367	+13,6
Grain mill products	1,5	127,1	128,1	+0,8	6 673 525	7 702 835	+15,4
Other food products	6,8	97,3	104,1	+7,0	9 838 505	10 559 326	+7,3
Beverages	4,3	151,1	147,8	-2,2	11 981 575	12 995 160	+8,5
Textiles, clothing, leather and footwear	5,4	85,1	89,6	+5,3	8 646 619	9 203 385	+6,4
Textiles	1,2	63,4	69,2	+9,1	1 356 098	1 450 294	+6,9
Other textile products	1,2	105,9	107,3	+1,3	2 273 606	2 423 569	+6,6
Knitted, crocheted articles	0,3	64,9	74,2	+14,3	337 331	390 948	+15,9
Wearing apparel	2,0	92,1	97,7	+6,1	3 071 430	3 255 663	+6,0
Leather and leather products	0,3	93,1	91,9	-1,3	1 039 120	1 063 841	+2,4
Footwear	0,4	67,2	71,3	+6,1	569 034	619 070	+8,8
Wood and wood products, paper, publishing and printing	11,0	108,1	115,4	+6,8	19 318 857	21 649 659	+12,1
Sawmilling and planing of wood	0,7	107,6	110,2	+2,4	1 031 654	1 176 005	+14,0
Products of wood	1,0	114,2	119,2	+4,4	2 810 679	3 153 217	+12,2
Paper and paper products	4,8	104,3	113,5	+8,8	8 611 217	9 665 332	+12,2
Publishing	2,4	113,0	126,7	+12,1	3 031 711	3 660 477	+20,7
Printing, recorded media	2,1	108,5	107,0	-1,4	3 833 596	3 994 628	+4,2
Petroleum, chemical products, rubber and plastic products	22,5	109,3	118,9	+8,8	42 477 350	52 032 631	+22,5
Coke, petroleum products and nuclear fuel	9,1	97,4	96,9	-0,5	14 342 358	18 881 507	+31,6
Basic chemicals	4,0	114,8	140,4	+22,3	8 874 325	10 960 335	+23,5
Other chemical products	5,4	121,8	131,4	+7,9	11 639 106	13 039 019	+12,0
Rubber products	1,1	74,4	78,0	+4,8	1 898 970	2 207 834	+16,3
Plastic products	3,0	129,0	151,1	+17,1	5 722 591	6 943 936	+21,3
Glass and non-metallic mineral products	3,9	121,4	141,2	+16,3	6 384 506	7 451 318	+16,7
Glass and glass products	1,1	142,7	212,4	+48,8	1 249 724	1 913 271	+53,1
Non-metallic mineral products	2,9	113,5	114,6	+1,0	5 134 782	5 538 047	+7,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	112,0	118,4	+5,7	42 864 907	53 770 116	+25,4
Basic iron and steel products	5,5	104,9	109,5	+4,4	14 737 598	21 494 570	+45,8
Non-ferrous metal products	4,7	116,0	119,8	+3,3	6 302 244	8 040 863	+27,6
Structural metal products	1,3	107,8	113,4	+5,2	3 120 340	3 447 317	+10,5
Other fabricated metal products	4,2	107,9	118,1	+9,5	7 067 674	8 199 763	+16,0
General purpose machinery	2,4	102,9	109,5	+6,4	4 523 102	4 738 237	+4,8
Special purpose machinery	3,2	127,5	138,3	+8,5	4 854 699	5 497 585	+13,2
Household appliances	1,2	126,3	126,3	-0,0	2 259 250	2 351 781	+4,1
Electrical machinery	2,7	89,3	97,8	+9,5	5 492 167	7 283 182	+32,6
Radio, television and communication apparatus and professional equipment	1,3	108,3	108,0	-0,3	2 922 332	3 041 084	+4,1
Radio, television and communication apparatus	0,7	86,4	99,3	+14,9	1 478 499	1 685 893	+14,0
Professional equipment	0,6	130,5	116,8	-10,5	1 443 833	1 355 191	-6,1
Motor vehicles, parts and accessories and other transport equipment	8,6	123,5	130,6	+5,7	32 441 698	38 764 978	+19,5
Motor vehicles	4,1	122,8	131,8	+7,3	18 042 006	20 860 108	+15,6
Bodies for motor vehicles, trailers and semi-trailers	0,4	154,4	190,0	+23,1	1 497 828	1 825 575	+21,9
Parts and accessories	3,1	133,6	132,9	-0,5	10 808 941	13 413 277	+24,1
Other transport equipment	1,0	82,9	96,1	+15,9	2 092 923	2 666 018	+27,4
Other manufacturing divisions	5,8	103,8	107,8	+3,9	10 374 092	11 942 013	+15,1
Furniture	1,6	125,9	134,5	+6,8	2 441 959	2 803 781	+14,8
Other manufacturing groups	4,2	95,5	97,6	+2,2	7 932 133	9 138 232	+15,2
Total	100,0	111,1	117,9	+6,1	212 200 744	250 691 859	+18,1

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 new business register, 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 2000. Both estimated and seasonally adjusted figures are presented.
 - 3 In order to improve timeliness, some information for the latest month has 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 new business register, 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. Statistics in this publication are presented at SIC division (two digit) and major group (three digit) level. Each enterprise is classified to an industry which reflects its predominant activity.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for January 2007 was 87,0%. Improved response rate for December 2006 was 90,5%.
- 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 approximately 3 100 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 3 081 enterprises, which was drawn in April 2006 from a population then of 48 653 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 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 1996 to 2000, the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 2007, the weights are based on the 2001 large sample survey of the manufacturing industry. Weights between census 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 E for the fixed weights which were used for the two periods 1996 to 2000 and 2001 to 2007).
- Seasonal adjustment**
- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Programme 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 of figures** **23** The figures in the tables have, where necessary, been rounded to the nearest digit 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**
- | | |
|----------|---|
| GDP | Gross Domestic Product |
| ISIC | International Standard Industrial Classification |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value-added tax |
| 1/ | Preliminary figures |
| * | 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.

$$n_h = \frac{N_h S_h}{\sum N_h S_h}$$

where 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	5 000 000
Small	5 000 001	13 000 000
Medium	13 000 001	102 000 000
Large	102 000 001	

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 2000. 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 E – Weights according to manufacturing major groups

Manufacturing divisions and major groups	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2007	Weights according to the 1996 census of manufacturing 1996 - 2000
Food and beverages	16,4	15,3
Meat, fish, fruit, etc.	2,6	2,8
Dairy products	1,1	1,4
Grain mill products	1,5	2,1
Other food products	6,8	4,4
Beverages	4,3	4,6
Textiles, clothing, leather and footwear	5,4	7,8
Textiles	1,2	1,7
Other textile products	1,2	1,2
Knitted, crocheted articles	0,3	0,6
Wearing apparel	2,0	3,0
Tanning, dressing of leather	0,3	0,4
Footwear	0,4	0,9
Wood and wood products, paper, publishing and printing	11,0	11,4
Sawmilling and planing of wood	0,7	0,8
Products of wood	1,0	1,2
Paper and paper products	4,8	5,3
Publishing	2,4	1,5
Printing, recorded media	2,1	2,6
Petroleum, chemical products, rubber and plastic products	22,5	19,3
Petroleum products	9,1	4,2
Basic chemicals	4,0	4,5
Other chemical products	5,4	6,2
Rubber products	1,1	1,4
Plastic products	3,0	3,1
Glass and non-metallic mineral products	3,9	4,5
Glass and glass products	1,1	1,0
Non-metallic mineral products	2,9	3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	23,6
Basic iron and steel products	5,5	7,6
Non-ferrous metal products	4,7	3,2
Structural metal products	1,3	2,4
Other fabricated metal products	4,2	4,6
General purpose machinery	2,4	2,5
Special purpose machinery	3,2	2,9
Household appliances	1,2	0,4
Electrical machinery	2,7	3,4
Radio, television and communication apparatus and professional equipment	1,3	1,5
Radio, television and communication apparatus	0,7	1,0
Professional equipment	0,6	0,5
Motor vehicles, parts and accessories and other transport equipment	8,6	9,1
Motor vehicles	4,1	4,5
Bodies for motor vehicles, trailers and semi-trailers	0,4	0,5
Parts and accessories	3,1	3,0
Other transport equipment	1,0	1,0
Other manufacturing divisions	5,8	4,1
Furniture	1,6	1,6
Other manufacturing groups	4,2	2,6
Total	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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