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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

Table A - Selected key figures regarding manufacturing production and sales for December 2006

Estimates	December 2006	% change between December 2005 and December 2006	% change between October to December 2005 and October to December 2006	% change between January to December 2005 and January to December 2006
Physical volume of manufacturing production index (2000=100)	109,8	+5,0	+6,6	+4,9
Total value of sales of manufactured products (R million)	77 719	+13,2	+18,3	+13,2

Seasonally adjusted estimates	December 2006	% change between November and December 2006	% change between July to September 2006 and October to December 2006
Physical volume of manufacturing production index (2000=100)	124,6	+1,9	+2,1
Total value of sales of manufactured products (R million)	85 385	-1,4	+3,4

Key findings regarding manufacturing production and sales for the year 2006

Manufacturing production increases

Manufacturing production for 2006 reflected an increase of 4,9% compared with 2005, the highest annual increase since 2000. Higher production was reported by nine of the ten manufacturing divisions.

The major contributors to the annual increase of 4,9% was the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing +1,5 percentage points), followed by the motor vehicles, parts and accessories and other transport equipment division (contributing +1,1 percentage points), the wood and wood products, paper, publishing and printing division (contributing +0,7 of a percentage point), the petroleum, chemical products, rubber and plastic products division (contributing +0,5 of a percentage point), the glass and non-metallic mineral products division and the 'other' manufacturing divisions (each contributing +0,3 of a percentage point) (see Table 8).

Sales of manufactured products increase

The total value of sales of manufactured products at current prices for 2006 increased by 13,2% (+R112 386 million) compared with 2005. Increases in manufacturing sales were reported by all ten manufacturing divisions.

The largest increases were reported by the motor vehicles, parts and accessories and other transport equipment division (+18,3% or +R24 513 million), the petroleum, chemical products, rubber and plastic products division (+15,3% or +R26 073 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (+14,5% or +R25 756 million), the wood and wood products, paper, publishing and printing division (+10,6% or +R8 184 million) and the food and beverages division (+8,4% or +R12 828 million) (see Table 8).

Key findings regarding manufacturing production and sales for December 2006

Manufacturing production increases

The estimated seasonally adjusted manufacturing production for the fourth quarter of 2006 increased by 2,1% compared with the third quarter of 2006. Higher production levels were reported by seven of the ten manufacturing divisions.

The major contributors to the seasonally adjusted increase of 2,1% in total manufacturing production for the fourth quarter of 2006 compared with the third quarter of 2006 was the petroleum, chemical products, rubber and plastic products division (contributing +1,4 percentage points), followed by the glass and non-metallic mineral products division (contributing +0,3 of a percentage point), the textiles, clothing, leather and footwear division and the motor vehicles, parts and accessories and other transport equipment division (each contributing +0,2 of a percentage point) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing +0,1 of a percentage point) (see Table B).

Figure 1 shows the seasonally adjusted and trend series for the volume index of manufacturing production between January 2000 and December 2006. The trend series has been rising since mid-2003 to September 2004, moving sideways up to December 2004 and resuming its upward trend in 2005 and 2006.

Figure 1 – Index of the physical volume of manufacturing production

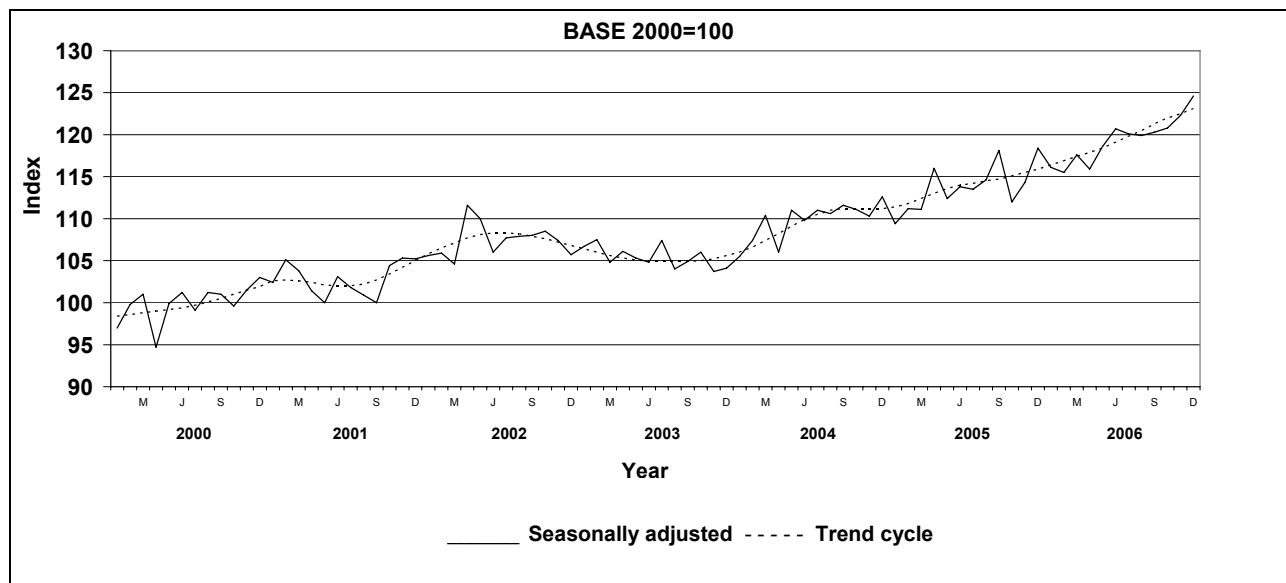


Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production
(Base 2000=100)

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 July to September 2006	Average seasonally adjusted production index for October to December 2006	Quarterly percentage change of October to December 2006 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production
					1/
Food and beverages	16,4	120,0	119,6	-0,3	-0,0
Food and food products	12,1	115,4	116,3	+0,8	+0,1
Beverages	4,3	132,8	128,9	-2,9	-0,1
Textiles, clothing, leather and footwear	5,4	99,8	103,0	+3,2	+0,2
Textiles	2,4	100,3	104,4	+4,1	+0,1
Wearing apparel	2,3	103,9	105,8	+1,8	+0,0
Leather and leather products	0,3	93,5	103,0	+10,2	+0,0
Footwear	0,4	80,8	81,4	+0,7	+0,0
Wood, paper, publish and printing	11,0	119,7	118,9	-0,7	-0,1
Wood and products of wood	1,7	129,8	127,0	-2,2	-0,0
Paper and paper products	4,8	117,5	116,4	-0,9	-0,0
Publishing and printing	4,6	118,2	118,4	+0,2	+0,0
Petroleum, chemical products, rubber and plastic products	22,5	113,6	120,6	+6,2	+1,4
Coke, petroleum products and nuclear fuel	9,1	85,2	95,0	+11,5	+1,0
Basic chemicals	4,0	125,6	137,1	+9,2	+0,4
Other chemical products	5,4	132,0	136,9	+3,7	+0,2
Rubber products	1,1	95,1	93,2	-2,0	-0,0
Plastic products	3,0	158,6	158,0	-0,4	-0,0
Glass and non-metallic mineral products	3,9	132,9	143,5	+8,0	+0,3
Glass and glass products	1,1	157,4	192,1	+22,0	+0,2
Non-metallic mineral products	2,9	123,8	125,5	+1,4	+0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	122,9	123,6	+0,6	+0,1
Basic iron and steel products	5,5	120,7	111,0	-8,0	-0,4
Basic precious, non-ferrous metal products	4,7	117,5	121,1	+3,1	+0,1
Fabricated metal products	5,5	124,3	129,9	+4,5	+0,2
Machinery and equipment	6,7	127,1	131,0	+3,1	+0,2
Electrical machinery	2,7	107,8	107,4	-0,4	-0,0
Radio, television and communication apparatus and professional equipment	1,3	112,0	112,2	+0,2	+0,0
Radio, television and communication apparatus	0,7	101,3	102,7	+1,4	+0,0
Professional equipment	0,6	122,9	121,8	-0,9	-0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	144,7	147,7	+2,1	+0,2
Motor vehicles, trailers, parts and accessories	7,6	150,7	153,8	+2,1	+0,2
Other transport equipment	1,0	98,3	101,5	+3,3	+0,0
Furniture and other manufacturing division	5,8	117,0	117,5	+0,4	+0,0
Furniture	1,6	144,5	155,6	+7,7	+0,1
Other manufacturing groups	4,2	106,6	103,2	-3,2	-0,1
Total	100,0	120,1	122,6	+2,1	+2,1

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.

Sales of manufactured products increase

The estimated total value of sales of manufactured products at current prices for the fourth quarter of 2006 increased by 3,4% (+R8 372 million), after seasonal adjustment, compared with the third quarter of 2006. Higher manufacturing sales were reported by nine of the ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 3,4% in the total value of sales of manufactured products at current prices for the fourth quarter of 2006 compared with the third quarter of 2006, was mainly due to increases reported for the glass and non-metallic mineral products division (+7,5% or +R554 million), the motor vehicles, parts and accessories and other transport equipment division (+4,6% or +R1 854 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (+4,0% or +R2 175 million), the petroleum, chemical products, rubber and plastic products division (+3,7% or +R1 855 million) and the food and beverages division (+2,4% or +R1 006 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 July to September 2006	Seasonally adjusted sales October to December 2006	Percentage change between July to September 2006 and October to December 2006	Difference in seasonally adjusted sales of manufacturing divisions and October to December 2006
	R'000	R'000		R'000
Food and beverages	42 001 361	43 007 272	+2,4	1 005 911
Food and food products	30 667 617	31 717 318	+3,4	1 049 701
Beverages	11 333 745	11 289 952	-0,4	-43 793
Textiles, clothing, leather and footwear	9 725 415	10 048 172	+3,3	322 757
Textiles	4 228 088	4 333 327	+2,5	105 239
Wearing apparel	3 853 356	3 921 846	+1,8	68 490
Leather and leather products	1 022 535	1 139 646	+11,5	117 111
Footwear	621 436	653 351	+5,1	31 915
Wood,paper,publish and printing	22 229 567	22 374 888	+0,7	145 321
Wood and products of wood	4 754 176	4 780 094	+0,5	25 918
Paper and paper products	9 927 379	9 914 882	-0,1	-12 497
Publishing and printing	7 548 011	7 679 912	+1,7	131 901
Petroleum, chemical products, rubber and plastic products	50 788 141	52 643 158	+3,7	1 855 017
Coke, petroleum products and nuclear fuel	18 582 472	19 211 335	+3,4	628 863
Basic chemicals	10 431 261	10 685 902	+2,4	254 641
Other chemical products	12 518 764	13 258 292	+5,9	739 528
Rubber products	2 404 761	2 396 591	-0,3	-8 170
Plastic products	6 850 882	7 091 040	+3,5	240 158
Glass and non-metallic mineral products	7 355 207	7 909 623	+7,5	554 416
Glass and glass products	1 395 586	1 835 893	+31,5	440 307
Non-metallic mineral products	5 959 621	6 073 730	+1,9	114 109
Basic iron and steel, non-ferrous metal products, metal products and machinery	53 985 392	56 160 773	+4,0	2 175 381
Basic iron and steel products	21 202 059	22 675 174	+6,9	1 473 115
Basic precious, non-ferrous metal products	8 051 055	7 808 068	-3,0	-242 987
Fabricated metal products	12 039 489	12 650 695	+5,1	611 206
Machinery and equipment	12 692 787	13 026 837	+2,6	334 050
Electrical machinery	7 268 533	7 735 806	+6,4	467 273
Radio, television and communication apparatus and professional equipment	3 171 357	3 124 678	-1,5	-46 679
Radio, television and communication apparatus	1 763 948	1 750 885	-0,7	-13 063
Professional equipment	1 407 409	1 373 792	-2,4	-33 617
Motor vehicles, parts and accessories and other transport equipment	40 527 023	42 381 199	+4,6	1 854 176
Motor vehicles, trailers, parts and accessories	37 891 501	39 558 641	+4,4	1 667 140
Other transport equipment	2 635 521	2 822 558	+7,1	187 037
Furniture and other manufacturing division	12 204 306	12 243 153	+0,3	38 847
Furniture	2 872 900	3 161 955	+10,1	289 055
Other manufacturing groups	9 331 406	9 081 197	-2,7	-250 209
Total	249 256 303	257 628 721	+3,4	8 372 418

The value of sales of manufactured products at current prices for the fourth quarter of 2006 was 18,3% (R41 414 million) higher than for the fourth quarter of 2005 (see Table D).

The major contributors to the increase of 18,3% in sales of manufactured products at current prices for the fourth quarter of 2006 compared with the fourth quarter of 2005 were the basic iron and steel, non-ferrous metal products, metal products and machinery (+5,5 percentage points or +R12 534 million), the petroleum, chemical products, rubber and plastic products (+4,3 percentage points or +R9 676 million), the motor vehicles, parts and accessories and other transport equipment (+3,2 percentage points or +R7 255 million), the food and beverages (+1,8 percentage points or +R4 005 million), the wood and wood products, paper, publishing and printing (+1,2 percentage points or +R2 666 million), the electrical machinery (+0,9 of a percentage point or +R1 970 million) and the furniture and 'other manufacturing' divisions (+0,7 of a percentage point or +R1 622 million) divisions (see Table D).

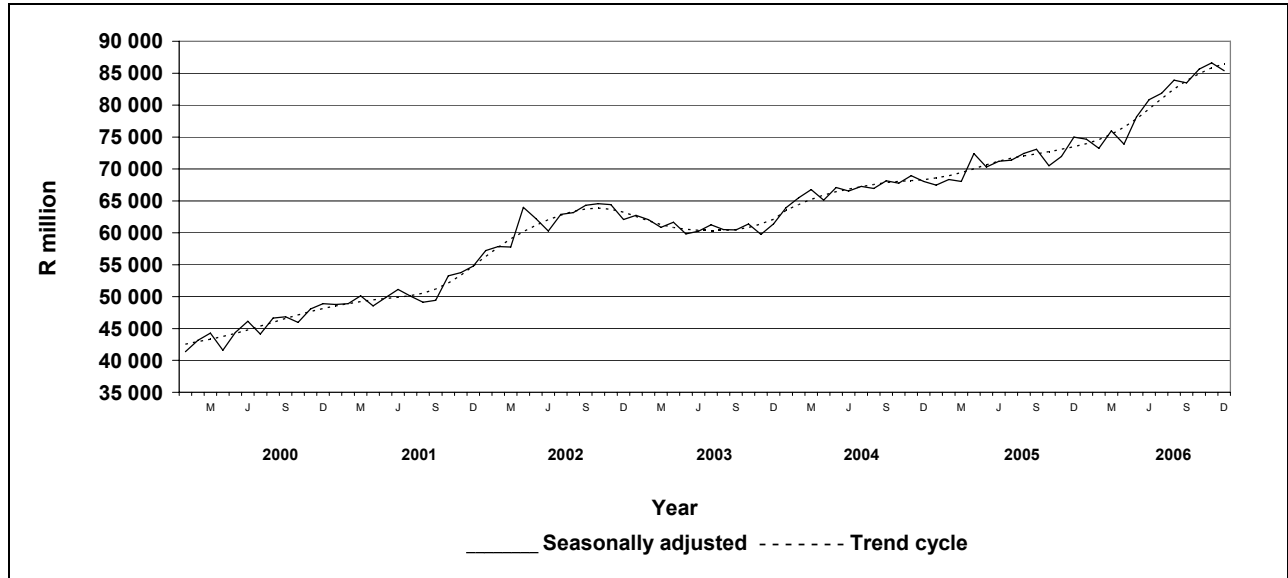
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of manufactured products October to December 2005	Percentage change between October to December 2005 and October to December 2006	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between October to December 2005 and October to December 2006
Food and beverages	19,1	+9,3	+1,8	4 005 447
Food and food products	13,5	+10,7	+1,4	3 278 781
Beverages	5,6	+5,7	+0,3	726 666
Textiles, clothing, leather and footwear	4,4	+6,0	+0,3	595 664
Textiles	1,8	+5,9	+0,1	242 783
Wearing apparel	1,8	+6,2	+0,1	248 219
Leather and leather products	0,5	+5,2	+0,0	55 668
Footwear	0,3	+7,3	+0,0	48 994
Wood, paper, publish and printing	9,1	+12,9	+1,2	2 666 369
Wood and products of wood	1,9	+15,2	+0,3	646 339
Paper and paper products	4,0	+12,7	+0,5	1 136 021
Publishing and printing	3,3	+12,0	+0,4	884 009
Petroleum, chemical products, rubber and plastic products	19,8	+21,5	+4,3	9 675 674
Coke, petroleum products and nuclear fuel	6,4	+31,6	+2,0	4 581 958
Basic chemicals	4,2	+22,0	+0,9	2 074 931
Other chemical products	5,5	+12,2	+0,7	1 526 428
Rubber products	1,0	+9,9	+0,1	214 502
Plastic products	2,8	+20,4	+0,6	1 277 855
Glass and non-metallic mineral products	3,1	+14,9	+0,5	1 057 930
Glass and glass products	0,6	+44,8	+0,3	622 552
Non-metallic mineral products	2,5	+7,6	+0,2	435 378
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,8	+27,9	+5,5	12 534 236
Basic iron and steel products	6,4	+54,2	+3,5	7 907 777
Basic precious, non-ferrous metal products	2,9	+26,7	+0,8	1 770 735
Fabricated metal products	4,9	+16,5	+0,8	1 823 889
Machinery and equipment	5,6	+8,2	+0,5	1 031 835
Electrical machinery	2,6	+33,1	+0,9	1 969 692
Radio, television and communication apparatus and professional equipment	1,4	+1,0	+0,0	31 069
Radio, television and communication apparatus	0,7	+10,0	+0,1	166 555
Professional equipment	0,7	-8,9	-0,1	-135 486
Motor vehicles, parts and accessories and other transport equipment	15,4	+20,8	+3,2	7 255 247
Motor vehicles, trailers, parts and accessories	14,5	+20,3	+2,9	6 647 614
Other transport equipment	0,9	+28,5	+0,3	607 633
Furniture and other manufacturing division	5,0	+14,2	+0,7	1 622 324
Furniture	1,3	+20,5	+0,3	601 440
Other manufacturing groups	3,8	+12,0	+0,5	1 020 884
Total	100,0	+18,3	+18,3	41 413 652

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, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 2000 and December 2006. 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	2000	2001	2002	2003	2004	2005	2006
Actual indices							
J	85,2	91,1	93,7	94,4	93,1	96,2	101,7
F	98,7	102,7	103,6	104,3	103,6	106,3	110,1
M	104,8	106,8	108,2	108,4	114,1	114,9	121,4
A	89,0	95,3	104,4	100,0	100,3	109,2	109,2
M	99,9	100,2	110,3	105,7	111,6	112,8	118,9
J	102,1	104,0	106,7	105,3	110,5	114,3	121,4
J	100,1	102,8	108,8	108,7	113,0	115,5	122,2
A	102,5	102,3	109,8	106,3	113,7	118,2	123,8
S	104,8	103,1	111,4	108,7	116,0	122,9	125,6
O	109,8	114,9	119,6	116,7	122,5	123,2	1/ 132,7
N	113,6	117,6	119,8	114,9	122,3	127,1	1/ 135,9
D	89,5	92,5	92,7	91,5	99,0	104,6	1/ 109,8
Year	100,0	102,8	107,4	105,4	110,0	113,8	119,4
Seasonally adjusted indices							
J	97,0	102,5	105,7	106,9	105,3	109,4	116,1
F	99,8	105,1	105,9	107,7	107,4	111,2	115,5
M	100,9	103,7	104,6	104,8	110,4	111,1	117,6
A	94,8	101,6	111,9	106,7	106,2	116,0	115,9
M	100,0	100,0	110,0	105,3	111,1	112,4	118,6
J	101,2	103,1	106,0	104,7	109,9	113,8	120,7
J	99,1	101,6	107,4	107,1	111,1	113,5	120,1
A	101,3	100,9	107,7	103,8	110,6	114,6	119,9
S	101,0	100,0	108,0	105,0	111,7	118,1	120,3
O	99,6	104,4	108,7	106,2	111,3	112,0	120,8
N	101,5	105,3	107,5	103,7	110,1	114,3	122,3
D	102,9	104,9	105,1	103,2	111,8	118,4	124,6

1/ Preliminary.

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

Month	2000	2001	2002	2003	2004	2005	2006
J	.	+6,9	+2,9	+0,7	-1,4	+3,3	+5,7
F	.	+4,1	+0,9	+0,7	-0,7	+2,6	+3,6
M	.	+1,9	+1,3	+0,2	+5,3	+0,7	+5,7
A	.	+7,1	+9,5	-4,2	+0,3	+8,9	0,0
M	.	+0,3	+10,1	-4,2	+5,6	+1,1	+5,4
J	.	+1,9	+2,6	-1,3	+4,9	+3,4	+6,2
J	.	+2,7	+5,8	-0,1	+4,0	+2,2	+5,8
A	.	-0,2	+7,3	-3,2	+7,0	+4,0	+4,7
S	.	-1,6	+8,1	-2,4	+6,7	+5,9	+2,2
O	.	+4,6	+4,1	-2,4	+5,0	+0,6	+7,7
N	.	+3,5	+1,9	-4,1	+6,4	+3,9	+6,9
D	.	+3,4	+0,2	-1,3	+8,2	+5,7	+5,0
Year	.	+2,8	+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 2006	Indices			Seasonally adjusted indices				
			December	1/ November	December	1/ December	November	December		
			2005		2006		2005		2006	
			2005	2006	2005	2006	2005	2006		
Food and beverages	16,4	119,7	130,6	132,5	126,2	123,4	120,3	119,4		
Meat, fish, fruit etc.	2,6	124,2	136,6	127,9	126,1	132,6	122,3	122,0		
Dairy products	1,1	110,3	120,0	122,5	125,3	107,7	112,0	112,4		
Grain mill products	1,5	124,2	134,9	128,7	127,0	131,7	124,6	123,3		
Other food products	6,8	110,4	100,7	131,1	100,5	111,1	114,6	111,3		
Beverages	4,3	132,4	175,5	141,5	166,9	138,5	128,6	131,0		
Textiles, clothing, leather and footwear	5,4	99,9	73,3	119,9	79,2	96,4	103,5	104,6		
Textiles	1,2	81,1	49,3	94,6	59,3	77,6	87,2	93,1		
Other textile products	1,2	120,5	84,9	144,9	94,4	111,4	120,4	123,3		
Knitted, crocheted articles	0,3	81,3	58,6	101,4	64,8	88,2	94,0	97,6		
Wearing apparel	2,0	106,6	84,2	132,3	87,8	102,5	110,6	107,0		
Leather and leather products	0,3	98,3	85,6	105,3	85,1	107,5	100,8	106,1		
Footwear	0,4	82,3	60,6	92,6	61,1	79,9	80,7	81,0		
Wood and wood products, paper, publishing and printing	11,0	116,1	100,3	133,4	109,8	111,2	118,3	121,3		
Sawmilling and planing of wood	0,7	118,2	92,1	135,4	89,7	119,5	123,2	116,0		
Products of wood	1,0	130,7	98,4	153,4	104,9	125,5	129,6	133,7		
Paper and paper products	4,8	112,6	97,7	127,2	112,2	104,3	117,0	120,0		
Publishing	2,4	120,1	111,0	141,3	125,3	114,1	123,6	128,8		
Printing, recorded media	2,1	111,7	97,5	128,1	95,8	113,7	108,6	111,5		
Petroleum, chemical products, rubber and plastic products	22,5	115,7	107,4	131,6	113,0	115,9	121,2	122,4		
Coke, petroleum products, and nuclear fuel	9,1	95,0	103,5	92,1	99,1	101,1	94,2	96,9		
Basic chemicals	4,0	125,4	109,0	159,6	131,5	115,3	141,7	139,5		
Other chemical products	5,4	130,6	118,6	155,3	122,9	133,8	137,9	138,0		
Rubber products	1,1	89,7	57,0	97,8	62,9	89,4	90,0	98,2		
Plastic products	3,0	149,4	116,1	185,8	132,4	139,9	158,8	159,0		
Glass and non-metallic mineral products	3,9	133,3	110,7	163,5	129,9	133,3	141,6	153,7		
Glass and glass products	1,1	161,5	126,9	226,4	209,0	139,0	183,7	229,1		
Non-metallic mineral products	2,9	122,9	104,7	140,1	100,4	131,1	126,0	125,6		
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,6	102,9	131,3	110,6	117,5	120,4	126,1		
Basic iron and steel products	5,5	111,7	98,7	108,6	103,1	106,8	103,4	111,7		
Non-ferrous metal products	4,7	119,3	115,2	123,8	120,9	123,6	119,5	129,6		
Structural metal products	1,3	123,7	94,8	142,2	95,0	124,6	123,6	125,7		
Other fabricated metal products	4,2	123,7	91,8	147,5	103,1	115,6	131,5	129,5		
General purpose machinery	2,4	112,2	96,1	127,6	103,7	112,3	116,0	120,9		
Special purpose machinery	3,2	134,7	114,7	150,7	134,3	124,8	138,4	145,9		
Household appliances	1,2	134,2	106,4	155,3	102,0	135,3	123,7	128,9		
Electrical machinery	2,7	104,7	80,3	120,9	87,8	97,8	107,7	106,2		
Radio, television and communication apparatus and professional equipment	1,3	109,7	107,3	124,1	102,1	115,2	117,6	109,2		
Radio, television and communication apparatus	0,7	96,2	91,7	119,4	94,7	94,1	114,4	97,0		
Professional equipment	0,6	123,4	123,1	128,9	109,7	136,6	120,7	121,5		
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	92,1	172,0	92,7	142,3	152,6	143,2		
Motor vehicles	4,1	149,0	86,5	180,6	91,3	141,7	157,1	150,9		
Bodies for motor vehicles, trailers and semi-trailers	0,4	188,5	127,7	242,2	142,8	167,4	201,9	189,5		
Parts and accessories	3,1	151,3	101,0	173,0	89,5	157,3	156,1	139,1		
Other transport equipment	1,0	96,2	74,4	106,8	89,6	88,3	103,9	106,9		
Other manufacturing divisions	5,8	113,7	88,5	137,6	100,1	117,0	114,3	131,6		
Furniture	1,6	144,7	114,5	194,2	129,4	145,6	151,9	162,5		
Other manufacturing groups	4,2	102,0	78,7	116,3	89,1	106,2	100,1	120,0		
Total	100,0	119,4	104,6	135,9	109,8	118,4	122,3	124,6		

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	Indices			Seasonally adjusted indices			
			2006	December 2005	1/December 2006	Percentage difference between December 2005 and December 2006	November 2006	December 2006	Percentage difference between November and December 2006
Food and beverages	16,4	119,7	130,6	126,2	-3,4	120,3	119,4	-0,7	
Meat, fish, fruit etc.	2,6	124,2	136,6	126,1	-7,7	122,3	122,0	-0,2	
Dairy products	1,1	110,3	120,0	125,3	+4,4	112,0	112,4	+0,4	
Grain mill products	1,5	124,2	134,9	127,0	-5,9	124,6	123,3	-1,0	
Other food products	6,8	110,4	100,7	100,5	-0,2	114,6	111,3	-2,9	
Beverages	4,3	132,4	175,5	166,9	-4,9	128,6	131,0	+1,9	
Textiles, clothing, leather and footwear	5,4	99,9	73,3	79,2	+8,0	103,5	104,6	+1,1	
Textiles	1,2	81,1	49,3	59,3	+20,3	87,2	93,1	+6,8	
Other textile products	1,2	120,5	84,9	94,4	+11,2	120,4	123,3	+2,4	
Knitted, crocheted articles	0,3	81,3	58,6	64,8	+10,6	94,0	97,6	+3,8	
Wearing apparel	2,0	106,6	84,2	87,8	+4,3	110,6	107,0	-3,3	
Leather and leather products	0,3	98,3	85,6	85,1	-0,6	100,8	106,1	+5,3	
Footwear	0,4	82,3	60,6	61,1	+0,8	80,7	81,0	+0,4	
Wood and wood products, paper, publishing and printing	11,0	116,1	100,3	109,8	+9,5	118,3	121,3	+2,5	
Sawmilling and planing of wood	0,7	118,2	92,1	89,7	-2,6	123,2	116,0	-5,8	
Products of wood	1,0	130,7	98,4	104,9	+6,6	129,6	133,7	+3,2	
Paper and paper products	4,8	112,6	97,7	112,2	+14,8	117,0	120,0	+2,6	
Publishing	2,4	120,1	111,0	125,3	+12,9	123,6	128,8	+4,2	
Printing, recorded media	2,1	111,7	97,5	95,8	-1,7	108,6	111,5	+2,7	
Petroleum, chemical products, rubber and plastic products	22,5	115,7	107,4	113,0	+5,2	121,2	122,4	+1,0	
Coke, petroleum products and nuclear fuel	9,1	95,0	103,5	99,1	-4,3	94,2	96,9	+2,9	
Basic chemicals	4,0	125,4	109,0	131,5	+20,6	141,7	139,5	-1,6	
Other chemical products	5,4	130,6	118,6	122,9	+3,6	137,9	138,0	+0,1	
Rubber products	1,1	89,7	57,0	62,9	+10,4	90,0	98,2	+9,1	
Plastic products	3,0	149,4	116,1	132,4	+14,0	158,8	159,0	+0,1	
Glass and non-metallic mineral products	3,9	133,3	110,7	129,9	+17,3	141,6	153,7	+8,5	
Glass and glass products	1,1	161,5	126,9	209,0	+64,7	183,7	229,1	+24,7	
Non-metallic mineral products	2,9	122,9	104,7	100,4	-4,1	126,0	125,6	-0,3	
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,6	102,9	110,6	+7,5	120,4	126,1	+4,7	
Basic iron and steel products	5,5	111,7	98,7	103,1	+4,5	103,4	111,7	+8,0	
Non-ferrous metal products	4,7	119,3	115,2	120,9	+4,9	119,5	129,6	+8,5	
Structural metal products	1,3	123,7	94,8	95,0	+0,2	123,6	125,7	+1,7	
Other fabricated metal products	4,2	123,7	91,8	103,1	+12,3	131,5	129,5	-1,5	
General purpose machinery	2,4	112,2	96,1	103,7	+7,9	116,0	120,9	+4,2	
Special purpose machinery	3,2	134,7	114,7	134,3	+17,1	138,4	145,9	+5,4	
Household appliances	1,2	134,2	106,4	102,0	-4,1	123,7	128,9	+4,2	
Electrical machinery	2,7	104,7	80,3	87,8	+9,3	107,7	106,2	-1,4	
Radio, television and communication apparatus and professional equipment	1,3	109,7	107,3	102,1	-4,8	117,6	109,2	-7,1	
Radio, television and communication apparatus	0,7	96,2	91,7	94,7	+3,3	114,4	97,0	-15,2	
Professional equipment	0,6	123,4	123,1	109,7	-10,9	120,7	121,5	+0,7	
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	92,1	92,7	+0,7	152,6	143,2	-6,2	
Motor vehicles	4,1	149,0	86,5	91,3	+5,5	157,1	150,9	-3,9	
Bodies for motor vehicles, trailers and semi-trailers	0,4	188,5	127,7	142,8	+11,8	201,9	189,5	-6,1	
Parts and accessories	3,1	151,3	101,0	89,5	-11,4	156,1	139,1	-10,9	
Other transport equipment	1,0	96,2	74,4	89,6	+20,4	103,9	106,9	+2,9	
Other manufacturing divisions	5,8	113,7	88,5	100,1	+13,1	114,3	131,6	+15,1	
Furniture	1,6	144,7	114,5	129,4	+13,0	151,9	162,5	+7,0	
Other manufacturing groups	4,2	102,0	78,7	89,1	+13,2	100,1	120,0	+19,9	
Total	100,0	119,4	104,6	109,8	+5,0	122,3	124,6	+1,9	

1/ Preliminary.

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

Month	2000	2001	2002	2003	2004	2005	2006
Actual values							
J	34 719 192	41 332 917	48 600 027	53 384 436	54 087 849	56 926 654	63 027 398
F	42 323 820	47 874 247	56 818 912	60 881 876	63 110 685	65 565 940	70 108 041
M	46 649 559	52 608 434	60 472 620	63 316 690	68 614 939	69 819 744	77 815 087
A	39 608 354	46 203 182	60 877 645	59 232 782	61 834 608	68 571 415	69 777 363
M	44 950 317	50 552 878	63 156 595	60 804 311	67 456 958	70 514 406	78 323 968
J	47 472 917	52 406 074	61 624 691	61 395 291	67 184 752	71 804 551	81 545 917
J	44 369 400	50 312 376	63 357 520	61 954 528	67 776 226	72 023 115	82 648 424
A	47 678 646	50 354 970	64 807 330	62 002 082	68 542 440	74 351 047	86 197 273
S	48 854 175	51 467 372	67 204 918	63 496 302	71 584 850	77 072 274	88 177 811
O	51 100 083	58 975 926	71 567 676	68 034 682	74 142 435	77 081 000	1/ 93 321 274
N	53 863 473	60 234 047	72 016 317	66 843 411	76 371 998	80 516 878	1/ 96 627 330
D	45 204 955	51 201 599	57 550 291	56 685 863	62 523 603	68 656 468	1/ 77 719 394
Year	546 794 891	613 524 022	748 054 542	738 032 254	803 231 343	852 903 492	965 289 280
Seasonally adjusted values							
J	41 715 732	49 117 651	57 665 678	63 284 774	63 950 499	67 477 288	74 671 854
F	43 500 994	49 268 428	58 467 539	62 858 696	65 473 222	68 350 440	73 231 669
M	44 637 419	50 475 001	58 260 999	61 361 645	66 784 005	68 046 766	75 974 859
A	41 946 414	48 970 814	64 585 268	62 583 890	65 095 458	72 414 062	73 883 547
M	44 778 967	50 254 197	62 734 298	60 434 415	67 135 512	70 294 165	78 144 282
J	46 503 424	51 449 309	60 719 526	60 765 569	66 645 627	71 218 440	80 865 787
J	44 524 337	50 441 121	63 353 881	61 823 280	67 325 697	71 374 817	81 864 385
A	46 935 489	49 541 682	63 664 029	60 821 934	66 984 394	72 438 698	83 898 373
S	47 158 231	49 689 920	64 654 400	60 781 237	68 186 723	73 096 117	83 493 545
O	46 368 650	53 640 226	65 274 634	62 091 579	67 747 236	70 505 680	85 638 953
N	48 459 976	54 161 287	64 887 404	60 082 603	68 614 859	71 971 682	86 604 648
D	49 245 792	55 327 752	62 511 618	61 782 433	68 046 725	74 995 395	85 385 120

1/ Preliminary.

* Revised.

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

Month	2000	2001	2002	2003	2004	2005	2006
J	..	+19,0	+17,6	+9,8	+1,3	+5,2	+10,7
F	..	+13,1	+18,7	+7,2	+3,7	+3,9	+6,9
M	..	+12,8	+14,9	+4,7	+8,4	+1,8	+11,5
A	..	+16,7	+31,8	-2,7	+4,4	+10,9	+1,8
M	..	+12,5	+24,9	-3,7	+10,9	+4,5	+11,1
J	..	+10,4	+17,6	-0,4	+9,4	+6,9	+13,6
J	..	+13,4	+25,9	-2,2	+9,4	+6,3	+14,8
A	..	+5,6	+28,7	-4,3	+10,5	+8,5	+15,9
S	..	+5,3	+30,6	-5,5	+12,7	+7,7	+14,4
O	..	+15,4	+21,4	-4,9	+9,0	+4,0	+21,1
N	..	+11,8	+19,6	-7,2	+14,3	+5,4	+20,0
D	..	+13,3	+12,4	-1,5	+10,3	+9,8	+13,2
Year	.	+12,2	+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		
			December	1/ November	1/ December	December	November	December
	2006	2005	2006		2005	2006		
Food and beverages	165 859 679	15 643 903	15 845 939	16 239 293	13 618 615	14 500 069	14 146 301	
Meat, fish, fruit etc.	37 502 528	3 379 253	3 523 233	3 578 780	3 144 025	3 231 087	3 321 261	
Dairy products	14 564 021	1 276 040	1 365 547	1 400 755	1 149 161	1 267 981	1 259 228	
Grain mill products	27 889 141	2 349 614	2 615 994	2 580 186	2 235 106	2 487 843	2 449 840	
Other food products	41 687 616	3 495 922	4 086 681	3 512 409	3 416 151	3 650 216	3 425 414	
Beverages	44 216 373	5 143 074	4 254 484	5 167 163	3 674 173	3 862 941	3 690 557	
Textiles, clothing, leather and footwear	39 223 382	2 553 791	3 993 100	2 765 222	3 163 131	3 353 196	3 420 944	
Textiles	6 532 754	367 759	634 227	418 581	530 905	573 746	602 803	
Other textile products	10 384 194	640 478	1 059 433	684 014	797 642	876 795	852 189	
Knitted, crocheted articles	1 683 139	106 869	174 385	120 651	149 389	160 301	167 930	
Wearing apparel	13 699 635	946 004	1 464 090	1 030 733	1 079 535	1 149 160	1 173 961	
Leather and leather products	4 376 782	319 768	400 795	316 487	398 177	383 905	391 725	
Footwear	2 546 878	172 913	260 170	194 756	207 483	209 288	232 335	
Wood and wood products, paper, publishing and printing	85 653 165	5 949 985	8 340 837	6 871 424	6 578 889	7 382 464	7 582 000	
Sawmilling and planing of wood	4 844 882	303 923	475 445	335 821	375 434	424 454	413 617	
Products of wood	13 407 457	789 018	1 354 139	934 037	1 005 256	1 155 848	1 188 804	
Paper and paper products	37 850 681	2 702 192	3 578 932	3 184 105	2 860 802	3 298 247	3 376 463	
Publishing	13 321 341	986 441	1 349 640	1 208 323	1 017 688	1 176 136	1 246 347	
Printing, recorded media	16 228 804	1 168 411	1 582 681	1 209 138	1 319 709	1 327 779	1 356 769	
Petroleum, chemical products, rubber and plastic products	196 555 732	14 174 409	19 836 715	15 938 400	15 429 819	17 856 533	17 378 463	
Coke, petroleum products, and nuclear fuel	71 391 675	5 435 764	6 774 518	5 778 209	5 787 837	6 562 981	6 164 547	
Basic chemicals	39 858 460	2 615 950	4 232 737	3 275 690	2 887 102	3 619 416	3 621 163	
Other chemical products	49 940 178	3 816 882	5 088 327	4 149 022	4 053 453	4 479 671	4 390 077	
Rubber products	9 069 979	568 724	906 348	669 880	698 719	820 459	825 301	
Plastic products	26 295 440	1 737 089	2 834 785	2 065 599	2 002 706	2 374 006	2 377 376	
Glass and non-metallic mineral products	29 462 123	1 863 895	3 037 158	2 212 665	2 348 469	2 617 903	2 747 272	
Glass and glass products	5 877 111	367 379	710 588	676 083	408 050	557 501	751 927	
Non-metallic mineral products	23 585 012	1 496 516	2 326 570	1 536 582	1 940 419	2 060 402	1 995 345	
Basic iron and steel, non-ferrous metal products, metal products and machinery	203 552 917	13 424 450	20 505 771	16 338 723	14 968 634	18 761 214	18 287 936	
Basic iron and steel products	75 888 966	4 558 211	7 857 903	6 438 414	5 184 536	7 577 846	7 345 280	
Non-ferrous metal products	29 778 495	2 158 499	2 922 744	2 588 439	2 035 546	2 641 758	2 475 622	
Structural metal products	14 545 781	948 182	1 442 233	962 714	1 198 099	1 287 648	1 212 673	
Other fabricated metal products	33 087 600	2 128 872	3 478 557	2 392 458	2 597 454	3 036 843	2 914 109	
General purpose machinery	19 101 064	1 471 606	1 825 118	1 502 054	1 554 835	1 650 048	1 607 007	
Special purpose machinery	21 358 034	1 518 298	2 008 925	1 811 208	1 608 676	1 800 676	1 939 768	
Household appliances	9 792 977	640 782	970 291	643 436	789 487	766 395	793 476	
Electrical machinery	27 740 857	1 767 141	3 025 005	2 171 909	2 046 606	2 664 757	2 533 492	
Radio, television and communication apparatus and professional equipment	12 089 533	949 509	1 184 051	974 055	1 003 691	1 077 924	1 031 111	
Radio, television and communication apparatus	6 579 492	489 987	679 919	553 266	506 786	612 583	578 078	
Professional equipment	5 510 041	459 522	504 132	420 789	496 905	465 341	453 032	
Motor vehicles, parts and accessories and other transport equipment	158 156 601	8 992 916	16 057 468	10 431 926	12 167 453	14 228 980	14 121 470	
Motor vehicles	87 978 526	5 129 946	8 769 246	5 814 731	6 867 757	7 753 450	7 794 717	
Bodies for motor vehicles, trailers and semi-trailers	7 234 546	462 597	779 992	540 292	530 480	632 918	618 569	
Parts and accessories	52 751 543	2 774 667	5 520 405	3 249 323	4 013 262	4 881 655	4 706 711	
Other transport equipment	10 191 986	625 706	987 825	827 580	755 954	960 958	1 001 473	
Other manufacturing divisions	46 995 291	3 336 469	4 801 286	3 775 777	3 670 088	4 161 609	4 136 132	
Furniture	11 577 184	768 383	1 341 072	916 773	910 404	1 040 701	1 080 462	
Other manufacturing groups	35 418 107	2 568 086	3 460 214	2 859 004	2 759 684	3 120 909	3 055 669	
Total	1 965 289 280	168 656 468	96 627 330	77 719 394	74 995 395	86 604 648	85 385 120	

1/ Preliminary.

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

Manufacturing divisions and major groups	Year	Value of sales			Seasonally adjusted value of sales		
		1/		Percentage change between			Percentage change between
		December 2005	December 2006	December 2005 and December 2006	November 2006	December 2006	November and December 2006
Food and beverages	165 859 679	15 643 903	16 239 293	+3,8	14 500 069	14 146 301	-2,4
Meat, fish, fruit etc.	37 502 528	3 379 253	3 578 780	+5,9	3 231 087	3 321 261	+2,8
Dairy products	14 564 021	1 276 040	1 400 755	+9,8	1 267 981	1 259 228	-0,7
Grain mill products	27 889 141	2 349 614	2 580 186	+9,8	2 487 843	2 449 840	-1,5
Other food products	41 687 616	3 495 922	3 512 409	+0,5	3 650 216	3 425 414	-6,2
Beverages	44 216 373	5 143 074	5 167 163	+0,5	3 862 941	3 690 557	-4,5
Textiles, clothing, leather and footwear	39 223 382	2 553 791	2 765 222	+8,3	3 353 196	3 420 944	+2,0
Textiles	6 532 754	367 759	418 581	+13,8	573 746	602 803	+5,1
Other textile products	10 384 194	640 478	684 014	+6,8	876 795	852 189	-2,8
Knitted, crocheted articles	1 683 139	106 869	120 651	+12,9	160 301	167 930	+4,8
Wearing apparel	13 699 635	946 004	1 030 733	+9,0	1 149 160	1 173 961	+2,2
Leather and leather products	4 376 782	319 768	316 487	-1,0	383 905	391 725	+2,0
Footwear	2 546 878	172 913	194 756	+12,6	209 288	232 335	+11,0
Wood and wood products, paper, publishing and printing	85 653 165	5 949 985	6 871 424	+15,5	7 382 464	7 582 000	+2,7
Sawmilling and planing of wood	4 844 882	303 923	335 821	+10,5	424 454	413 617	-2,6
Products of wood	13 407 457	789 018	934 037	+18,4	1 155 848	1 188 804	+2,9
Paper and paper products	37 850 681	2 702 192	3 184 105	+17,8	3 298 247	3 376 463	+2,4
Publishing	13 321 341	986 441	1 208 323	+22,5	1 176 136	1 246 347	+6,0
Printing, recorded media	16 228 804	1 168 411	1 209 138	+3,5	1 327 779	1 356 769	+2,2
Petroleum, chemical products, rubber and plastic products	196 555 732	14 174 409	15 938 400	+12,4	17 856 533	17 378 463	-2,7
Coke, petroleum products and nuclear fuel	71 391 675	5 435 764	5 778 209	+6,3	6 562 981	6 164 547	-6,1
Basic chemicals	39 858 460	2 615 950	3 275 690	+25,2	3 619 416	3 621 163	-0,0
Other chemical products	49 940 178	3 816 882	4 149 022	+8,7	4 479 671	4 390 077	-2,0
Rubber products	9 069 979	568 724	669 880	+17,8	820 459	825 301	+0,6
Plastic products	26 295 440	1 737 089	2 065 599	+18,9	2 374 006	2 377 376	+0,1
Glass and non-metallic mineral products	29 462 123	1 863 895	2 212 665	+18,7	2 617 903	2 747 272	+4,9
Glass and glass products	5 877 111	367 379	676 083	+84,0	557 501	751 927	+34,9
Non-metallic mineral products	23 585 012	1 496 516	1 536 582	+2,7	2 060 402	1 995 345	-3,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	203 552 917	13 424 450	16 338 723	+21,7	18 761 214	18 287 936	-2,5
Basic iron and steel products	75 888 966	4 558 211	6 438 414	+41,2	7 577 846	7 345 280	-3,1
Non-ferrous metal products	29 778 495	2 158 499	2 588 439	+19,9	2 641 758	2 475 622	-6,3
Structural metal products	14 545 781	948 182	962 714	+1,5	1 287 648	1 212 673	-5,8
Other fabricated metal products	33 087 600	2 128 872	2 392 458	+12,4	3 036 843	2 914 109	-4,0
General purpose machinery	19 101 064	1 471 606	1 502 054	+2,1	1 650 048	1 607 007	-2,6
Special purpose machinery	21 358 034	1 518 298	1 811 208	+19,3	1 800 676	1 939 768	+7,7
Household appliances	9 792 977	640 782	643 436	+0,4	766 395	793 476	+3,5
Electrical machinery	27 740 857	1 767 141	2 171 909	+22,9	2 664 757	2 533 492	-4,9
Radio, television and communication apparatus and professional equipment	12 089 533	949 509	974 055	+2,6	1 077 924	1 031 111	-4,3
Radio, television and communication apparatus	6 579 492	489 987	553 266	+12,9	612 583	578 078	-5,6
Professional equipment	5 510 041	459 522	420 789	-8,4	465 341	453 032	-2,6
Motor vehicles, parts and accessories and other transport equipment	158 156 601	8 992 916	10 431 926	+16,0	14 228 980	14 121 470	-0,8
Motor vehicles	87 978 526	5 129 946	5 814 731	+13,3	7 753 450	7 794 717	+0,5
Bodies for motor vehicles, trailers and semi-trailers	7 234 546	462 597	540 292	+16,8	632 918	618 569	-2,3
Parts and accessories	52 751 543	2 774 667	3 249 323	+17,1	4 881 655	4 706 711	-3,6
Other transport equipment	10 191 986	625 706	827 580	+32,3	960 958	1 001 473	+4,2
Other manufacturing divisions	46 995 291	3 336 469	3 775 777	+13,2	4 161 609	4 136 132	-0,6
Furniture	11 577 184	768 383	916 773	+19,3	1 040 701	1 080 462	+3,8
Other manufacturing groups	35 418 107	2 568 086	2 859 004	+11,3	3 120 909	3 055 669	-2,1
Total	1965 289 280	168 656 468	177 719 394	+13,2	186 604 648	185 385 120	-1,4

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)		
		October to December 2005	October to December 2006	Annual percentage change between October to December 2005 and October to December 2006	October to December 2005	October to December 2006	Annual percentage change between October to December 2005 and October to December 2006
Food and beverages	16,4	129,5	129,5	-0,0	43 296 467	47 301 914	+9,3
Meat, fish, fruit etc.	2,6	132,6	125,7	-5,2	9 635 530	10 553 964	+9,5
Dairy products	1,1	116,1	123,0	+5,9	3 661 746	4 108 711	+12,2
Grain mill products	1,5	130,4	127,2	-2,5	6 831 891	7 680 690	+12,4
Other food products	6,8	113,5	120,6	+6,3	10 524 103	11 588 686	+10,1
Beverages	4,3	156,1	148,3	-5,0	12 643 197	13 369 863	+5,7
Textiles, clothing, leather and footwear	5,4	97,5	105,0	+7,7	9 902 912	10 498 576	+6,0
Textiles	1,2	72,2	81,3	+12,6	1 546 807	1 660 171	+7,3
Other textile products	1,2	117,3	126,2	+7,6	2 584 313	2 713 732	+5,0
Knitted, crocheted articles	0,3	72,2	85,9	+19,0	378 847	453 166	+19,6
Wearing apparel	2,0	109,3	115,3	+5,5	3 639 921	3 813 821	+4,8
Leather and leather products	0,3	94,3	100,1	+6,2	1 080 105	1 135 773	+5,2
Footwear	0,4	82,2	85,1	+3,5	672 919	721 913	+7,3
Wood and wood products, paper, publishing and printing	11,0	115,5	123,6	+7,0	20 621 023	23 287 392	+12,9
Sawmilling and planing of wood	0,7	113,4	118,3	+4,3	1 091 917	1 282 728	+17,5
Products of wood	1,0	127,7	135,3	+6,0	3 162 129	3 617 657	+14,4
Paper and paper products	4,8	109,0	118,6	+8,8	8 979 700	10 115 721	+12,7
Publishing	2,4	120,3	134,7	+12,0	3 202 310	3 862 837	+20,6
Printing, recorded media	2,1	119,5	118,7	-0,7	4 184 967	4 408 449	+5,3
Petroleum, chemical products, rubber and plastic products	22,5	113,0	123,9	+9,6	44 909 258	54 584 932	+21,5
Coke, petroleum products and nuclear fuel	9,1	93,0	94,6	+1,7	14 504 880	19 086 838	+31,6
Basic chemicals	4,0	121,8	147,8	+21,3	9 441 332	11 516 263	+22,0
Other chemical products	5,4	131,0	142,1	+8,5	12 552 766	14 079 194	+12,2
Rubber products	1,1	84,1	85,4	+1,5	2 156 111	2 370 613	+9,9
Plastic products	3,0	141,0	163,6	+16,0	6 254 169	7 532 024	+20,4
Glass and non-metallic mineral products	3,9	132,6	148,2	+11,8	7 119 413	8 177 343	+14,9
Glass and glass products	1,1	154,6	206,0	+33,2	1 389 869	2 012 421	+44,8
Non-metallic mineral products	2,9	124,4	126,7	+1,8	5 729 544	6 164 922	+7,6
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	116,6	125,2	+7,4	44 903 348	57 437 584	+27,9
Basic iron and steel products	5,5	102,7	112,4	+9,4	14 582 912	22 490 689	+54,2
Non-ferrous metal products	4,7	116,8	121,0	+3,6	6 629 113	8 399 848	+26,7
Structural metal products	1,3	119,8	127,9	+6,8	3 479 830	3 862 080	+11,0
Other fabricated metal products	4,2	115,6	131,1	+13,4	7 587 080	9 028 719	+19,0
General purpose machinery	2,4	114,1	120,1	+5,3	4 963 282	5 190 397	+4,6
Special purpose machinery	3,2	135,9	145,7	+7,2	5 253 881	5 930 775	+12,9
Household appliances	1,2	136,5	135,1	-1,0	2 407 250	2 535 076	+5,3
Electrical machinery	2,7	98,7	109,6	+11,0	5 955 880	7 925 572	+33,1
Radio, television and communication apparatus and professional equipment	1,3	119,3	114,6	-3,9	3 198 976	3 230 045	+1,0
Radio, television and communication apparatus	0,7	100,6	107,0	+6,4	1 670 813	1 837 368	+10,0
Professional equipment	0,6	138,4	122,4	-11,6	1 528 163	1 392 677	-8,9
Motor vehicles, parts and accessories and other transport equipment	8,6	130,3	143,2	+9,9	34 927 452	42 182 699	+20,8
Motor vehicles	4,1	133,6	149,3	+11,8	19 803 879	23 358 771	+18,0
Bodies for motor vehicles, trailers and semi-trailers	0,4	175,2	202,9	+15,8	1 738 481	2 040 703	+17,4
Parts and accessories	3,1	135,3	142,1	+5,0	11 256 044	14 046 544	+24,8
Other transport equipment	1,0	84,3	99,0	+17,4	2 129 048	2 736 681	+28,5
Other manufacturing divisions	5,8	119,4	123,7	+3,6	11 419 617	13 041 941	+14,2
Furniture	1,6	150,8	171,4	+13,7	2 934 274	3 535 714	+20,5
Other manufacturing groups	4,2	107,7	105,7	-1,9	8 485 343	9 506 227	+12,0
Total	100,0	118,3	126,1	+6,6	226 254 346	267 667 998	+18,3

Table 8 - Annual percentage change in the physical volume of manufacturing production and value of sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Indices (base 2000=100)				Value of sales (R million)			
		Jan. to Dec. 2005	Jan. to Dec. 2006	Annual percentage change between 2005 and 2006	Contribution (percentage points) 1/	Jan. to Dec. 2005	Jan. to Dec. 2006	Annual percentage change between 2005 and 2006	Difference in sales between 2005 and 2006
Food and beverages	16,4	118,7	119,7	+0,8	+0,1	153 032	165 860	+8,4	+12 828
Meat, fish, fruit etc.	2,6	127,7	124,2	-2,7	-0,1	34 786	37 503	+7,8	+2 717
Dairy products	1,1	103,3	110,3	+6,8	+0,1	13 193	14 564	+10,4	+1 371
Grain mill products	1,5	123,4	124,2	+0,6	+0,0	26 035	27 889	+7,1	+1 854
Other food products	6,8	106,6	110,4	+3,6	+0,2	37 792	41 688	+10,3	+3 896
Beverages	4,3	134,5	132,4	-1,6	-0,1	41 226	44 216	+7,3	+2 990
Textiles, clothing, leather and footwear	5,4	97,9	99,9	+2,0	+0,1	38 033	39 223	+3,1	+1 190
Textiles	1,2	81,3	81,1	-0,2	-0,0	6 539	6 533	-0,1	-6
Other textile products	1,2	117,0	120,5	+3,0	+0,0	9 807	10 384	+5,9	+577
Knitted, crocheted articles	0,3	77,4	81,3	+5,0	+0,0	1 589	1 683	+5,9	+94
Wearing apparel	2,0	103,9	106,6	+2,6	+0,1	13 247	13 700	+3,4	+453
Leather and leather products	0,3	100,0	98,3	-1,7	-0,0	4 439	4 377	-1,4	-62
Footwear	0,4	79,4	82,3	+3,7	+0,0	2 412	2 547	+5,6	+135
Wood and wood products, paper, publishing and printing	11,0	109,0	116,1	+6,5	+0,7	77 469	85 653	+10,6	+8 184
Sawmilling and planing of wood	0,7	113,1	118,2	+4,5	+0,0	4 257	4 845	+13,8	+588
Products of wood	1,0	124,6	130,7	+4,9	+0,0	11 929	13 407	+12,4	+1 478
Paper and paper products	4,8	104,1	112,6	+8,2	+0,4	34 232	37 851	+10,6	+3 619
Publishing	2,4	107,4	120,1	+11,8	+0,3	11 435	13 321	+16,5	+1 886
Printing, recorded media	2,1	113,1	111,7	-1,2	-0,0	15 616	16 229	+3,9	+613
Petroleum, chemical products, rubber and plastic products	22,5	113,3	115,7	+2,1	+0,5	170 483	196 556	+15,3	+26 073
Coke, petroleum products and nuclear fuel	9,1	103,1	95,0	-7,9	-0,7	57 819	71 392	+23,5	+13 573
Basic chemicals	4,0	113,5	125,4	+10,5	+0,4	34 721	39 858	+14,8	+5 137
Other chemical products	5,4	125,6	130,6	+4,0	+0,2	46 276	49 940	+7,9	+3 664
Rubber products	1,1	94,3	89,7	-4,9	-0,1	8 974	9 070	+1,1	+96
Plastic products	3,0	129,2	149,4	+15,6	+0,5	22 692	26 295	+15,9	+3 603
Glass and non-metallic mineral products	3,9	122,9	133,3	+8,5	+0,3	26 164	29 462	+12,6	+3 298
Glass and glass products	1,1	137,9	161,5	+17,1	+0,2	4 800	5 877	+22,4	+1 077
Non-metallic mineral products	2,9	117,3	122,9	+4,8	+0,1	21 364	23 585	+10,4	+2 221
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	120,6	+6,6	+1,5	177 797	203 553	+14,5	+25 756
Basic iron and steel products	5,5	103,7	111,7	+7,7	+0,4	63 182	75 889	+20,1	+12 707
Non-ferrous metal products	4,7	109,9	119,3	+8,6	+0,4	24 235	29 778	+22,9	+5 543
Structural metal products	1,3	116,0	123,7	+6,6	+0,1	13 402	14 546	+8,5	+1 144
Other fabricated metal products	4,2	112,6	123,7	+9,9	+0,4	29 123	33 088	+13,6	+3 965
General purpose machinery	2,4	114,3	112,2	-1,8	-0,0	19 179	19 101	-0,4	-78
Special purpose machinery	3,2	130,7	134,7	+3,1	+0,1	20 090	21 358	+6,3	+1 268
Household appliances	1,2	120,5	134,2	+11,4	+0,1	8 586	9 793	+14,1	+1 207
Electrical machinery	2,7	97,7	104,7	+7,2	+0,2	22 539	27 741	+23,1	+5 202
Radio, television and communication apparatus and professional equipment	1,3	113,4	109,7	-3,3	-0,0	12 025	12 090	+0,5	+65
Radio, television and communication apparatus	0,7	92,7	96,2	+3,8	+0,0	6 185	6 579	+6,4	+394
Professional equipment	0,6	134,4	123,4	-8,2	-0,0	5 840	5 510	-5,7	-330
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	145,5	+13,2	+1,1	133 644	158 157	+18,3	+24 513
Motor vehicles	4,1	129,3	149,0	+15,2	+0,6	74 635	87 979	+17,9	+13 344
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	188,5	+20,8	+0,1	6 136	7 235	+17,9	+1 099
Parts and accessories	3,1	135,8	151,3	+11,4	+0,4	43 764	52 752	+20,5	+8 988
Other transport equipment	1,0	91,7	96,2	+4,9	+0,0	9 110	10 192	+11,9	+1 082
Other manufacturing divisions	5,8	107,4	113,7	+5,9	+0,3	41 717	46 995	+12,7	+5 278
Furniture	1,6	132,6	144,7	+9,1	+0,1	10 231	11 577	+13,2	+1 346
Other manufacturing groups	4,2	97,9	102,0	+4,2	+0,2	31 486	35 418	+12,5	+3 932
Total	100,0	113,8	119,4	+4,9	+4,9	852 903	965 289	+13,2	112 386

1/ The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing group or division with the weight of the group or division, divided by 100.

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 December 2006 was 88,0%. Improved response rate for November 2006 was 89,8%.
- 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 2006, 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 2006).
- 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 - 2006	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

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