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Contents

	Page
SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES	2
Table 1 Indices of the physical volume of manufacturing production: Total	8
Table 2 Percentage change in the index of the physical volume of manufacturing production: Total	8
Table 3 Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups	9
Table 4 Total estimated sales of the manufacturing industry at current prices (R'000)	11
Table 5 Percentage change in the value of sales of the manufacturing industry: Total	11
Table 6 Sales of manufactured products according to manufacturing divisions and major groups (R'000)	12
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	14
Table 8 Annual percentage change in the physical volume of manufacturing production and value of sales according to manufacturing divisions and major groups	15
Explanatory notes	16
Glossary	20
Table E - Weights according to manufacturing divisions	22
General information	23

SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

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

Estimates	September 2006	% change between September 2005 and September 2006	% change between July to September 2005 and July to September 2006	% change between January to September 2005 and January to September 2006
Physical volume of manufacturing production index (2000=100)	125,2	+1,9	+4,0	+4,3
Total value of sales of manufactured products (R million)	88 072	+14,3	+15,0	+11,3

Seasonally adjusted estimates	September 2006	% change between August and September 2006	% change between April to June 2006 and July to September 2006
Physical volume of manufacturing production index (2000=100)	119,8	+0,2	+1,3
Total value of sales of manufactured products (R million)	83 280	-0,5	+7,0

Key findings regarding manufacturing production and sales for September 2006

Manufacturing production increases

The estimated seasonally adjusted manufacturing production for the third quarter of 2006 increased by 1,3% compared with the second quarter of 2006, which is higher than the growth of 1,1% reported during the same period in 2005. Higher production levels were reported by eight of the ten manufacturing divisions. In addition, the estimated manufacturing production for the first nine months of 2006 increased by 4,3% compared with the first nine months of 2005 same period last year. The production of the first nine months of 2005 was 3,6 higher than that of 2004.

The major contributors to the seasonally adjusted increase of 1,3% in total manufacturing production for the third quarter of 2006 compared with the second quarter of 2006 were the wood and wood products, paper, publishing and printing division (contributing +0,6 of a percentage point), the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing +0,5 of a percentage point), the furniture and 'other' manufacturing divisions (contributing +0,2 of a percentage point), the electrical machinery (contributing +0,1 of a percentage point) and the radio, television and communication apparatus and professional equipment division (contributing +0,1 of a percentage point) (see Table B).

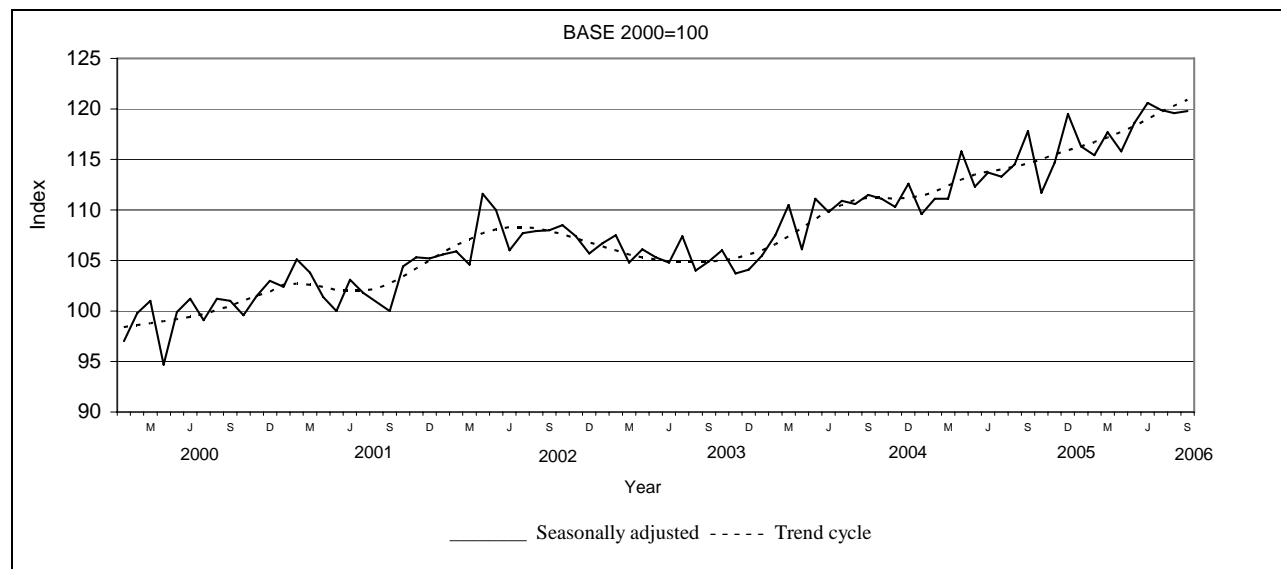
Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production
(Base 2000=100)

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 April to June 2006	Average seasonally adjusted production index for July to September 2006	Quarterly percentage change of July to September 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	120,5	119,8	-0,6	-0,1
Food and food products	12,1	115,9	115,2	-0,6	-0,1
Beverages	4,3	133,5	132,7	-0,6	-0,0
Textiles, clothing, leather and footwear	5,4	99,6	100,5	+0,9	+0,0
Textiles	2,4	98,2	100,5	+2,3	+0,1
Wearing apparel	2,3	103,6	103,9	+0,3	+0,0
Leather and leather products	0,3	101,3	101,5	+0,2	+0,0
Footwear	0,4	85,0	81,3	-4,4	-0,0
Wood, paper, publish and printing	11,0	113,5	119,8	+5,6	+0,6
Wood and products of wood	1,7	125,5	130,3	+3,8	+0,1
Paper and paper products	4,8	110,4	117,8	+6,7	+0,3
Publishing and printing	4,6	112,2	118,0	+5,2	+0,2
Petroleum, chemical products, rubber and plastic products	22,5	114,5	113,6	-0,8	-0,2
Coke, petroleum products and nuclear fuel	9,1	98,1	84,5	-13,9	-1,3
Basic chemicals	4,0	121,3	127,6	+5,2	+0,2
Other chemical products	5,4	127,6	132,2	+3,6	+0,2
Rubber products	1,1	86,5	95,2	+10,1	+0,1
Plastic products	3,0	142,7	158,0	+10,7	+0,3
Glass and non-metallic mineral products	3,9	128,9	130,1	+0,9	+0,0
Glass and glass products	1,1	150,8	147,2	-2,4	-0,0
Non-metallic mineral products	2,9	120,8	123,8	+2,5	+0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,0	122,6	+2,2	+0,5
Basic iron and steel products	5,5	109,4	121,2	+10,8	+0,6
Basic precious, non-ferrous metal products	4,7	120,1	117,4	-2,2	-0,1
Fabricated metal products	5,5	121,9	123,9	+1,6	+0,1
Machinery and equipment	6,7	127,5	126,2	-1,0	-0,1
Electrical machinery	2,7	102,5	107,2	+4,6	+0,1
Radio, television and communication apparatus and professional equipment	1,3	108,3	112,6	+4,0	+0,1
Radio, television and communication apparatus	0,7	99,1	102,6	+3,5	+0,0
Professional equipment	0,6	117,6	122,8	+4,4	+0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	144,5	144,7	+0,1	+0,0
Motor vehicles, trailers, parts and accessories	7,6	150,4	150,7	+0,2	+0,0
Other transport equipment	1,0	99,0	98,9	-0,1	-0,0
Furniture and other manufacturing division	5,8	110,3	113,9	+3,3	+0,2
Furniture	1,6	141,6	137,7	-2,8	-0,0
Other manufacturing groups	4,2	98,5	104,8	+6,4	+0,3
Total	100,0	118,3	119,8	+1,3	+1,3

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 2000 and September 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



Sales of manufactured products increase

The estimated total value of sales of manufactured products at current prices for the third quarter of 2006 increased by 7,0% (+R16 174 million), after seasonal adjustment, compared with the second 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 7,0% in the total value of sales of manufactured products at current prices for the third quarter of 2006 compared with the second quarter of 2006 was mainly due to increases reported for basic iron and steel, non-ferrous metal products, metal products and machinery division (+12,1% or +R5 818 million), electrical machinery division (+10,5% or +R686 million), petroleum, chemical products, rubber and plastic products division (+7,5% or +R3 527 million), wood and wood products, paper, publishing and printing division (+7,1% or +R1 476 million), motor vehicles, parts and accessories and other transport equipment division (+7,0% or +R2 640 million), furniture and 'other' manufacturing divisions (+6,5% or +R740 million) and food and beverages division (+2,3% or +R958 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 April to June 2006	Seasonally adjusted sales July to September 2006	Percentage change between April to June 2006 and July to September 2006	Difference in seasonally adjusted sales of manufacturing divisions between April to June 2006 and July to September 2006
	R'000	R'000		R'000
Food and beverages	40 918 016	41 876 076	+2,3	958 060
Food and food products	29 969 835	30 593 687	+2,1	623 852
Beverages	10 948 182	11 282 389	+3,1	334 207
Textiles, clothing, leather and footwear	9 859 849	9 828 901	-0,3	-30 948
Textiles	4 187 595	4 229 557	+1,0	41 962
Wearing apparel	3 876 043	3 858 461	-0,5	-17 582
Leather and leather products	1 155 758	1 107 932	-4,1	-47 826
Footwear	640 454	632 950	-1,2	-7 504
Wood,paper,publish and printing	20 738 699	22 214 469	+7,1	1 475 770
Wood and products of wood	4 463 065	4 781 953	+7,1	318 888
Paper and paper products	9 111 220	9 910 954	+8,8	799 734
Publishing and printing	7 164 414	7 521 563	+5,0	357 149
Petroleum, chemical products, rubber and plastic products	47 212 051	50 738 614	+7,5	3 526 563
Coke, petroleum products and nuclear fuel	17 130 608	18 675 283	+9,0	1 544 675
Basic chemicals	9 455 677	10 408 666	+10,1	952 989
Other chemical products	12 166 321	12 481 000	+2,6	314 679
Rubber products	2 161 877	2 397 990	+10,9	236 113
Plastic products	6 297 565	6 775 675	+7,6	478 110
Glass and non-metallic mineral products	7 134 910	7 240 132	+1,5	105 222
Glass and glass products	1 329 138	1 298 228	-2,3	-30 910
Non-metallic mineral products	5 805 772	5 941 905	+2,3	136 133
Basic iron and steel, non-ferrous metal products, metal products and machinery	48 055 208	53 873 076	+12,1	5 817 868
Basic iron and steel products	16 756 498	21 119 342	+26,0	4 362 844
Basic precious, non-ferrous metal products	7 354 458	8 092 263	+10,0	737 805
Fabricated metal products	11 555 071	11 999 085	+3,8	444 014
Machinery and equipment	12 389 179	12 662 384	+2,2	273 205
Electrical machinery	6 530 520	7 216 122	+10,5	685 602
Radio, television and communication apparatus and professional equipment	2 904 470	3 160 553	+8,8	256 083
Radio, television and communication apparatus	1 638 979	1 748 422	+6,7	109 443
Professional equipment	1 265 491	1 412 129	+11,6	146 638
Motor vehicles, parts and accessories and other transport equipment	37 942 153	40 582 284	+7,0	2 640 131
Motor vehicles, trailers, parts and accessories	35 414 890	37 936 431	+7,1	2 521 541
Other transport equipment	2 527 264	2 645 853	+4,7	118 589
Furniture and other manufacturing division	11 387 840	12 127 778	+6,5	739 938
Furniture	2 787 598	2 741 804	-1,6	-45 794
Other manufacturing groups	8 600 242	9 385 974	+9,1	785 732
Total	232 683 716	248 858 004	+7,0	16 174 288

The value of sales of manufactured products at current prices for the third quarter of 2006 was 15,0% (R33 419 million) higher than for the third quarter of 2005 (see Table D).

The major contributors to the increase of 15,0% in sales of manufactured products at current prices for the third quarter of 2006 compared with the third quarter of 2005 were the basic iron and steel, non-ferrous metal products, metal products and machinery (+4,8 percentage points or +R10 740 million), petroleum, chemical products, rubber and plastic products (+3,0 percentage points or +R6 725 million), the motor vehicles, parts and accessories and other transport equipment (+2,7 percentage points or +R6 075 million), food and beverages (+1,5 percentage points or +R3 384 million), wood and wood products, paper, publishing and printing (+1,2 percentage points or +R2 566 million), electrical machinery (+0,7 of a percentage point or +R1 695 million) and furniture and 'other manufacturing' divisions (+0,6 of a percentage point or +R1 389 million) divisions (see Table D).

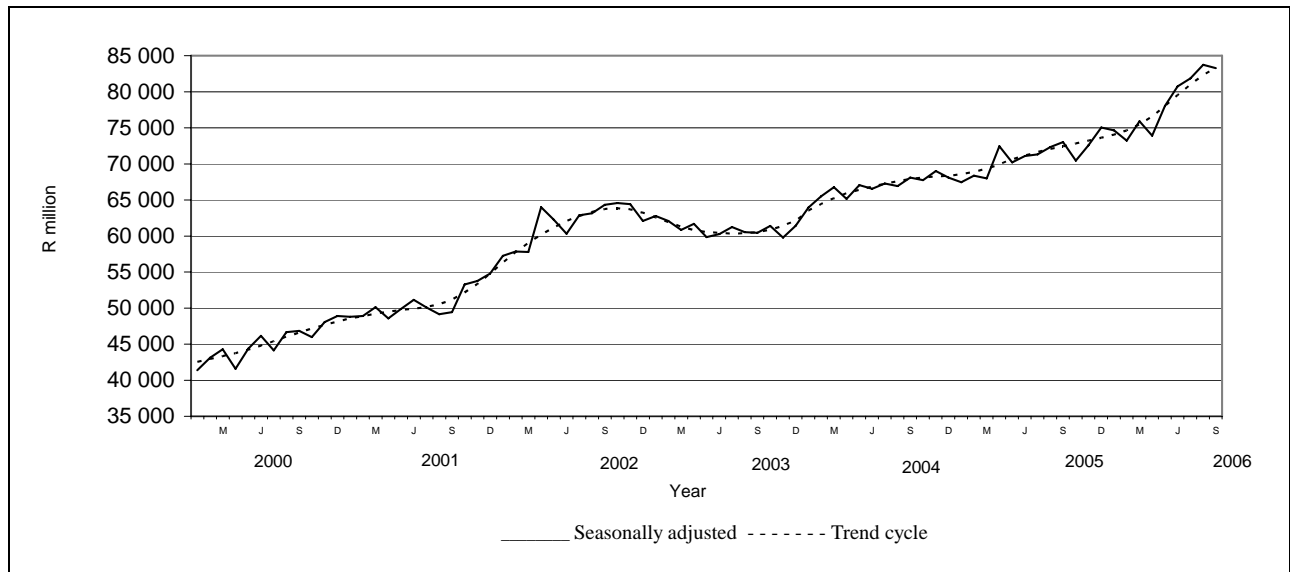
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products July to September 2005	Percentage change between July to September 2005 and July to September 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 July to September 2005 and July to September 2006
				R'000
Food and beverages	17,0	+8,9	+1,5	3 383 879
Food and food products	12,6	+9,3	+1,2	2 614 453
Beverages	4,4	+7,8	+0,3	769 426
Textiles, clothing, leather and footwear	4,4	+3,5	+0,2	348 004
Textiles	1,9	+3,7	+0,1	157 209
Wearing apparel	1,7	+4,3	+0,1	165 068
Leather and leather products	0,5	-0,8	-0,0	-8 913
Footwear	0,3	+5,2	+0,0	34 640
Wood, paper, publish and printing	9,0	+12,8	+1,2	2 566 300
Wood and products of wood	1,9	+13,7	+0,3	598 037
Paper and paper products	4,1	+12,9	+0,5	1 166 020
Publishing and printing	3,0	+12,1	+0,4	802 243
Petroleum, chemical products, rubber and plastic products	20,6	+14,6	+3,0	6 725 163
Coke, petroleum products and nuclear fuel	7,4	+19,8	+1,5	3 294 248
Basic chemicals	4,1	+16,1	+0,7	1 481 941
Other chemical products	5,4	+6,6	+0,4	795 196
Rubber products	1,0	+8,0	+0,1	184 151
Plastic products	2,7	+16,1	+0,4	969 627
Glass and non-metallic mineral products	3,2	+8,1	+0,3	584 329
Glass and glass products	0,6	+5,1	+0,0	67 191
Non-metallic mineral products	2,6	+8,8	+0,2	517 138
Basic iron and steel, non-ferrous metal products, metal products and machinery	20,0	+24,1	+4,8	10 740 331
Basic iron and steel products	6,7	+43,1	+2,9	6 463 311
Basic precious, non-ferrous metal products	2,7	+31,6	+0,9	1 942 858
Fabricated metal products	5,1	+12,4	+0,6	1 404 773
Machinery and equipment	5,5	+7,6	+0,4	929 389
Electrical machinery	2,6	+28,6	+0,7	1 695 013
Radio, television and communication apparatus and professional equipment	1,4	-2,8	-0,0	-88 729
Radio, television and communication apparatus	0,8	+2,1	+0,0	34 979
Professional equipment	0,7	-8,1	-0,1	-123 708
Motor vehicles, parts and accessories and other transport equipment	16,7	+16,3	+2,7	6 075 140
Motor vehicles, trailers, parts and accessories	15,7	+15,9	+2,5	5 589 386
Other transport equipment	1,0	+22,1	+0,2	485 754
Furniture and other manufacturing division	5,0	+12,5	+0,6	1 389 438
Furniture	1,2	+6,2	+0,1	168 766
Other manufacturing groups	3,7	+14,6	+0,5	1 220 672
Total	100,0	+15,0	+15,0	33 418 868

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 September 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	121,3
J	100,1	102,8	108,8	108,7	113,0	115,5	1/ 122,3
A	102,5	102,3	109,8	106,3	113,7	118,2	1/ 123,6
S	104,8	103,1	111,4	108,7	116,0	122,9	1/ 125,2
O	109,8	114,9	119,6	116,7	122,5	123,2	
N	113,6	117,6	119,8	114,9	122,3	127,1	
D	89,5	92,5	92,7	91,5	99,0	104,6	
Year	100,0	102,8	107,4	105,4	110,0	113,8	
Seasonally adjusted indices							
J	97,1	102,6	105,9	107,1	105,5	109,6	116,3
F	99,8	105,1	105,9	107,7	107,5	111,1	115,4
M	100,9	103,7	104,6	104,8	110,5	111,1	117,7
A	94,8	101,6	111,8	106,5	106,1	115,8	115,8
M	100,0	100,0	110,0	105,3	111,1	112,3	118,6
J	101,2	103,1	105,9	104,7	109,8	113,7	120,6
J	99,0	101,6	107,4	107,1	110,9	113,3	119,9
A	101,3	100,9	107,7	103,9	110,6	114,5	119,6
S	101,0	99,9	107,9	105,0	111,5	117,8	119,8
O	99,5	104,3	108,5	105,9	111,1	111,7	
N	101,5	105,3	107,5	103,8	110,3	114,7	
D	102,9	105,0	105,3	103,4	112,6	119,5	

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	+6,1
J	.	+2,7	+5,8	-0,1	+4,0	+2,2	+5,9
A	.	-0,2	+7,3	-3,2	+7,0	+4,0	+4,6
S	.	-1,6	+8,1	-2,4	+6,7	+5,9	+1,9
O	.	+4,6	+4,1	-2,4	+5,0	+0,6	
N	.	+3,5	+1,9	-4,1	+6,4	+3,9	
D	.	+3,4	+0,2	-1,3	+8,2	+5,7	
Year	.	+2,8	+4,5	-1,9	+4,4	+3,5	

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 2005	Indices			Seasonally adjusted indices		
			September 2005	1/ August	1/ September	September 2005	August	September
				2006			2006	
Food and beverages	16,4	118,7	129,4	124,8	124,3	122,5	121,5	117,5
Meat, fish, fruit etc.	2,6	127,7	134,5	124,3	120,6	137,5	126,8	123,3
Dairy products	1,1	103,3	109,0	108,0	117,4	103,4	109,3	111,1
Grain mill products	1,5	123,4	127,5	124,8	125,9	123,5	121,3	121,9
Other food products	6,8	106,6	126,1	128,8	121,9	111,0	113,7	106,9
Beverages	4,3	134,5	137,5	123,3	131,5	136,4	134,0	130,7
Textiles, clothing, leather and footwear	5,4	97,9	105,9	104,8	108,1	100,2	100,1	102,3
Textiles	1,2	81,3	95,0	80,7	93,6	87,1	77,0	85,5
Other textile products	1,2	117,0	131,4	120,4	124,6	129,3	121,0	122,3
Knitted, crocheted articles	0,3	77,4	79,1	81,9	85,1	76,9	80,4	82,1
Wearing apparel	2,0	103,9	106,9	116,5	114,5	100,0	108,2	107,5
Leather and leather products	0,3	100,0	95,0	103,5	104,6	97,6	103,1	107,5
Footwear	0,4	79,4	91,0	95,0	94,1	79,6	83,3	82,3
Wood and wood products, paper, publishing and printing	11,0	109,0	113,7	120,7	124,5	109,5	120,0	119,9
Sawmilling and planing of wood	0,7	113,1	118,7	125,7	127,8	112,9	121,7	121,3
Products of wood	1,0	124,6	140,1	142,8	137,9	135,3	136,7	133,3
Paper and paper products	4,8	104,1	107,4	116,9	125,4	102,5	117,7	119,7
Publishing	2,4	107,4	112,2	122,9	124,6	109,9	120,0	121,7
Printing, recorded media	2,1	113,1	115,5	114,8	115,2	111,6	116,9	111,8
Petroleum, chemical products, rubber and plastic products	22,5	113,3	122,0	112,2	117,5	120,8	109,9	115,7
Coke, petroleum products, and nuclear fuel	9,1	103,1	106,6	74,1	85,2	111,4	72,5	89,2
Basic chemicals	4,0	113,5	123,8	135,3	129,6	120,2	129,1	126,0
Other chemical products	5,4	125,6	139,2	134,7	139,8	132,4	134,9	132,9
Rubber products	1,1	94,3	92,4	102,0	98,5	90,4	96,8	95,9
Plastic products	3,0	129,2	147,2	161,3	167,2	141,2	158,4	160,2
Glass and non-metallic mineral products	3,9	122,9	137,5	135,9	140,6	127,2	127,6	130,1
Glass and glass products	1,1	137,9	152,3	148,9	155,2	143,9	141,7	146,9
Non-metallic mineral products	2,9	117,3	132,0	131,1	135,2	121,1	122,4	123,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	117,2	126,5	126,4	112,8	122,2	122,0
Basic iron and steel products	5,5	103,7	93,4	113,2	122,3	93,9	115,9	123,1
Non-ferrous metal products	4,7	109,9	111,8	120,3	116,8	112,6	116,7	117,6
Structural metal products	1,3	116,0	126,2	134,4	129,1	120,5	129,4	123,7
Other fabricated metal product	4,2	112,6	123,7	130,0	128,5	116,3	123,8	120,9
General purpose machinery	2,4	114,3	124,5	122,3	123,0	111,9	118,8	111,2
Special purpose machinery	3,2	130,7	145,7	148,6	143,0	137,4	136,0	134,4
Household appliances	1,2	120,5	129,1	142,3	135,1	120,0	131,2	125,1
Electrical machinery	2,7	97,7	106,7	114,6	109,9	101,3	108,1	103,9
Radio, television and communication apparatus and professional equipment	1,3	113,4	133,0	111,1	120,7	123,8	117,2	111,8
Radio, television and communication apparatus	0,7	92,7	115,2	100,9	108,8	100,5	111,2	95,0
Professional equipment	0,6	134,4	151,0	121,5	132,8	147,4	123,4	128,8
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	151,0	163,8	151,1	141,4	148,1	141,0
Motor vehicles	4,1	129,3	158,2	177,9	152,5	150,7	155,0	145,0
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	198,1	211,6	210,6	183,8	203,1	192,6
Parts and accessories	3,1	135,8	155,2	161,7	157,1	142,1	148,5	143,3
Other transport equipment	1,0	91,7	90,0	93,9	103,9	84,5	97,8	97,8
Other manufacturing divisions	5,8	107,4	117,4	116,1	129,9	110,0	117,0	121,3
Furniture	1,6	132,6	149,8	146,2	142,4	141,3	139,6	133,9
Other manufacturing groups	4,2	97,9	105,2	104,7	125,3	98,2	108,5	116,5
Total	100,0	113,8	122,9	123,6	125,2	117,8	119,6	119,8

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 2005	Indices			Seasonally adjusted indices		
			September 2005	1/ September 2006	Percentage difference between September 2005 and September 2006	August 2006	September 2006	Percentage difference between August and September 2006
Food and beverages	16,4	118,7	129,4	124,3	-3,9	121,5	117,5	-3,3
Meat, fish, fruit etc.	2,6	127,7	134,5	120,6	-10,3	126,8	123,3	-2,8
Dairy products	1,1	103,3	109,0	117,4	+7,7	109,3	111,1	+1,6
Grain mill products	1,5	123,4	127,5	125,9	-1,3	121,3	121,9	+0,5
Other food products	6,8	106,6	126,1	121,9	-3,3	113,7	106,9	-6,0
Beverages	4,3	134,5	137,5	131,5	-4,4	134,0	130,7	-2,5
Textiles, clothing, leather and footwear	5,4	97,9	105,9	108,1	+2,1	100,1	102,3	+2,2
Textiles	1,2	81,3	95,0	93,6	-1,5	77,0	85,5	+11,0
Other textile products	1,2	117,0	131,4	124,6	-5,2	121,0	122,3	+1,1
Knitted, crocheted articles	0,3	77,4	79,1	85,1	+7,6	80,4	82,1	+2,1
Wearing apparel	2,0	103,9	106,9	114,5	+7,1	108,2	107,5	-0,6
Leather and leather products	0,3	100,0	95,0	104,6	+10,1	103,1	107,5	+4,3
Footwear	0,4	79,4	91,0	94,1	+3,4	83,3	82,3	-1,2
Wood and wood products, paper, publishing and printing	11,0	109,0	113,7	124,5	+9,5	120,0	119,9	-0,1
Sawmilling and planing of wood	0,7	113,1	118,7	127,8	+7,7	121,7	121,3	-0,3
Products of wood	1,0	124,6	140,1	137,9	-1,6	136,7	133,3	-2,5
Paper and paper products	4,8	104,1	107,4	125,4	+16,8	117,7	119,7	+1,7
Publishing	2,4	107,4	112,2	124,6	+11,1	120,0	121,7	+1,4
Printing, recorded media	2,1	113,1	115,5	115,2	-0,3	116,9	111,8	-4,4
Petroleum, chemical products, rubber and plastic products	22,5	113,3	122,0	117,5	-3,7	109,9	115,7	+5,3
Coke, petroleum products and nuclear fuel	9,1	103,1	106,6	85,2	-20,1	72,5	89,2	+23,0
Basic chemicals	4,0	113,5	123,8	129,6	+4,7	129,1	126,0	-2,4
Other chemical products	5,4	125,6	139,2	139,8	+0,4	134,9	132,9	-1,5
Rubber products	1,1	94,3	92,4	98,5	+6,6	96,8	95,9	-0,9
Plastic products	3,0	129,2	147,2	167,2	+13,6	158,4	160,2	+1,1
Glass and non-metallic mineral products	3,9	122,9	137,5	140,6	+2,3	127,6	130,1	+2,0
Glass and glass products	1,1	137,9	152,3	155,2	+1,9	141,7	146,9	+3,7
Non-metallic mineral products	2,9	117,3	132,0	135,2	+2,4	122,4	123,9	+1,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	117,2	126,4	+7,8	122,2	122,0	-0,2
Basic iron and steel products	5,5	103,7	93,4	122,3	+30,9	115,9	123,1	+6,2
Non-ferrous metal products	4,7	109,9	111,8	116,8	+4,5	116,7	117,6	+0,8
Structural metal products	1,3	116,0	126,2	129,1	+2,3	129,4	123,7	-4,4
Other fabricated metal product	4,2	112,6	123,7	128,5	+3,9	123,8	120,9	-2,3
General purpose machinery	2,4	114,3	124,5	123,0	-1,2	118,8	111,2	-6,4
Special purpose machinery	3,2	130,7	145,7	143,0	-1,9	136,0	134,4	-1,2
Household appliances	1,2	120,5	129,1	135,1	+4,6	131,2	125,1	-4,6
Electrical machinery	2,7	97,7	106,7	109,9	+3,0	108,1	103,9	-3,9
Radio, television and communication apparatus and professional equipment	1,3	113,4	133,0	120,7	-9,2	117,2	111,8	-4,6
Radio, television and communication apparatus	0,7	92,7	115,2	108,8	-5,6	111,2	95,0	-14,6
Professional equipment	0,6	134,4	151,0	132,8	-12,1	123,4	128,8	+4,4
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	151,0	151,1	+0,1	148,1	141,0	-4,8
Motor vehicles	4,1	129,3	158,2	152,5	-3,6	155,0	145,0	-6,5
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	198,1	210,6	+6,3	203,1	192,6	-5,2
Parts and accessories	3,1	135,8	155,2	157,1	+1,2	148,5	143,3	-3,5
Other transport equipment	1,0	91,7	90,0	103,9	+15,4	97,8	97,8	-0,0
Other manufacturing divisions	5,8	107,4	117,4	129,9	+10,6	117,0	121,3	+3,7
Furniture	1,6	132,6	149,8	142,4	-4,9	139,6	133,9	-4,1
Other manufacturing groups	4,2	97,9	105,2	125,3	+19,1	108,5	116,5	+7,4
Total	100,0	113,8	122,9	125,2	+1,9	119,6	119,8	+0,2

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	69 780 643
M	44 950 317	50 552 878	63 156 595	60 804 311	67 456 958	70 514 406	78 328 203
J	47 472 917	52 406 074	61 624 691	61 395 291	67 184 752	71 804 551	81 531 069
J	44 369 400	50 312 376	63 357 520	61 954 528	67 776 226	72 023 115	1/ 82 659 898
A	47 678 646	50 354 970	64 807 330	62 002 082	68 542 440	74 351 047	1/ 86 133 410
S	48 854 175	51 467 372	67 204 918	63 496 302	71 584 850	77 072 274	1/ 88 071 996
O	51 100 083	58 975 926	71 567 676	68 034 682	74 142 435	77 081 000	
N	53 863 473	60 234 047	72 016 317	66 843 411	76 371 998	80 516 878	
D	45 204 955	51 201 599	57 550 291	56 685 863	62 523 603	68 656 468	
Year	546 794 891	613 524 022	748 054 542	738 032 254	803 231 343	852 903 492	
Seasonally adjusted values							
J	41 714 672	49 121 267	57 661 674	63 274 413	63 951 556	67 440 453	74 640 539
F	43 502 988	49 267 591	58 467 277	62 861 238	65 498 434	68 344 991	73 223 485
M	44 637 543	50 470 576	58 251 985	61 345 001	66 771 547	67 982 759	75 904 017
A	41 952 462	48 986 129	64 609 205	62 612 463	65 128 384	72 431 010	73 901 120
M	44 777 208	50 245 096	62 708 142	60 396 080	67 064 988	70 193 590	78 045 976
J	46 499 897	51 439 114	60 701 327	60 732 958	66 552 976	71 104 828	80 736 620
J	44 508 551	50 419 413	63 320 176	61 808 131	67 277 816	71 328 285	81 855 148
A	46 934 633	49 546 417	63 676 866	60 829 463	66 927 484	72 338 531	83 722 477
S	47 159 364	49 693 902	64 658 724	60 783 852	68 120 209	73 000 907	83 280 379
O	46 367 168	53 627 138	65 232 116	62 012 548	67 749 303	70 466 526	
N	48 470 341	54 190 685	64 972 925	60 215 396	69 017 704	72 581 159	
D	49 257 045	55 356 494	62 570 544	61 804 610	68 110 608	75 032 382	

1/ Preliminary.

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	+13,5
J	..	+13,4	+25,9	-2,2	+9,4	+6,3	+14,8
A	..	+5,6	+28,7	-4,3	+10,5	+8,5	+15,8
S	..	+5,3	+30,6	-5,5	+12,7	+7,7	+14,3
O	..	+15,4	+21,4	-4,9	+9,0	+4,0	
N	..	+11,8	+19,6	-7,2	+14,3	+5,4	
D	..	+13,3	+12,4	-1,5	+10,3	+9,8	
Year	.	+12,2	+21,9	-1,3	+8,8	+6,2	

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		
		September	1/ August	1/ September	September	August	September
		2005	2005	2006	2005	2006	
Food and beverages	153 032 441	13 179 561	13 957 241	14 271 520	12 984 486	14 153 367	14 062 449
Meat, fish, fruit etc.	34 786 013	3 058 696	3 236 961	3 240 389	3 012 610	3 264 707	3 189 375
Dairy products	13 192 926	1 175 896	1 207 746	1 250 822	1 122 332	1 223 818	1 192 916
Grain mill products	26 035 220	2 184 637	2 336 270	2 356 437	2 151 293	2 308 575	2 320 427
Other food products	37 791 892	3 238 050	3 678 945	3 643 700	3 170 975	3 558 880	3 575 493
Beverages	41 226 390	3 522 282	3 497 319	3 780 172	3 527 276	3 797 387	3 784 238
Textiles, clothing, leather and footwear	38 032 591	3 441 894	3 442 570	3 536 589	3 230 099	3 308 722	3 305 767
Textiles	6 538 509	599 622	545 471	611 248	559 334	523 481	567 502
Other textile products	9 807 159	900 415	903 621	888 107	867 475	893 688	854 916
Knitted, crocheted articles	1 588 645	139 072	138 433	141 962	133 831	133 892	135 567
Wearing apparel	13 247 430	1 184 511	1 235 304	1 260 087	1 090 144	1 169 363	1 158 760
Leather and leather products	4 438 623	385 424	384 370	389 631	379 608	374 529	379 503
Footwear	2 412 225	232 850	235 371	245 554	199 707	213 769	209 518
Wood and wood products, paper, publishing and printing	77 468 984	7 064 256	7 498 619	7 792 593	6 634 074	7 480 702	7 310 159
Sawmilling and planing of wood	4 257 285	385 933	449 077	436 130	368 928	448 970	416 225
Products of wood	11 928 740	1 144 419	1 266 416	1 204 232	1 077 026	1 213 316	1 132 637
Paper and paper products	34 231 634	3 191 063	3 265 984	3 615 933	2 889 191	3 301 537	3 271 045
Publishing	11 434 977	1 018 562	1 128 288	1 156 543	980 920	1 105 627	1 113 178
Printing, recorded media	15 616 348	1 324 279	1 388 854	1 379 755	1 318 008	1 411 252	1 377 075
Petroleum, chemical products, rubber and plastic products	170 482 601	15 886 898	17 705 898	18 155 495	14 987 140	17 073 044	17 085 890
Coke, petroleum products, and nuclear fuel	57 819 072	5 435 446	6 654 718	6 744 333	5 179 727	6 036 920	6 406 692
Basic chemicals	34 720 759	3 232 298	3 591 134	3 782 177	2 963 998	3 639 027	3 468 073
Other chemical products	46 275 887	4 274 953	4 256 762	4 401 747	4 011 611	4 288 852	4 116 999
Rubber products	8 974 492	767 877	860 984	835 612	748 623	829 337	811 407
Plastic products	22 692 391	2 176 324	2 342 300	2 391 626	2 083 181	2 278 908	2 282 719
Glass and non-metallic mineral products	26 163 917	2 477 402	2 577 848	2 629 262	2 263 956	2 403 587	2 400 768
Glass and glass products	4 800 302	469 720	468 089	482 538	418 382	429 618	431 529
Non-metallic mineral products	21 363 615	2 007 682	2 109 759	2 146 724	1 845 574	1 973 969	1 969 239
Basic iron and steel, non-ferrous metal products, metal products and machinery	177 797 495	15 226 926	18 476 556	18 956 339	14 382 939	17 858 236	17 916 834
Basic iron and steel products	63 182 407	4 893 432	6 995 134	7 474 849	4 639 880	6 806 587	7 097 146
Non-ferrous metal products	24 235 170	2 065 262	2 644 701	2 748 783	1 988 416	2 668 369	2 646 659
Structural metal products	13 402 419	1 219 415	1 332 239	1 320 810	1 133 941	1 259 361	1 227 056
Other fabricated metal product	29 122 891	2 734 745	2 919 970	2 952 522	2 530 137	2 769 280	2 733 375
General purpose machinery	19 178 824	1 734 955	1 713 228	1 735 250	1 598 864	1 673 864	1 609 043
Special purpose machinery	20 090 260	1 811 704	1 993 590	1 894 476	1 760 440	1 880 215	1 819 784
Household appliances	8 585 524	767 413	877 694	829 649	731 261	800 560	783 771
Electrical machinery	22 539 304	2 036 977	2 595 289	2 618 915	1 915 317	2 434 160	2 463 957
Radio, television and communication apparatus and professional equipment	12 025 153	1 173 910	1 023 090	1 114 463	1 104 705	1 076 792	1 049 104
Radio, television and communication apparatus	6 184 880	618 850	561 278	615 993	564 647	598 948	565 801
Professional equipment	5 840 273	555 060	461 812	498 470	540 058	477 844	483 302
Motor vehicles, parts and accessories and other transport equipment	133 643 837	12 795 165	14 565 968	14 697 473	11 891 462	13 617 257	13 591 066
Motor vehicles	74 634 781	7 265 500	8 274 885	8 216 277	6 768 664	7 555 670	7 603 251
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	623 663	682 046	693 300	571 576	683 261	631 878
Parts and accessories	43 763 552	4 150 049	4 758 382	4 845 103	3 841 692	4 506 988	4 471 144
Other transport equipment	9 109 790	755 953	850 655	942 793	709 530	871 337	884 793
Other manufacturing divisions	41 717 169	3 789 285	4 290 331	4 299 347	3 606 728	4 316 610	4 094 385
Furniture	10 230 805	957 195	971 002	962 563	886 800	926 784	890 173
Other manufacturing groups	31 486 364	2 832 090	3 319 329	3 336 784	2 719 928	3 389 826	3 204 212
Total	852 903 492	77 072 274	86 133 410	88 071 996	73 000 907	83 722 477	83 280 379

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		
		2005	1/		August 2006	September 2006	Percentage change between August and September 2006
			September 2005	September 2006			
Food and beverages	153 032 441	13 179 561	14 271 520	+8,3	14 153 367	14 062 449	-0,6
Meat, fish, fruit etc.	34 786 013	3 058 696	3 240 389	+5,9	3 264 707	3 189 375	-2,3
Dairy products	13 192 926	1 175 896	1 250 822	+6,4	1 223 818	1 192 916	-2,5
Grain mill products	26 035 220	2 184 637	2 356 437	+7,9	2 308 575	2 320 427	+0,5
Other food products	37 791 892	3 238 050	3 643 700	+12,5	3 558 880	3 575 493	+0,5
Beverages	41 226 390	3 522 282	3 780 172	+7,3	3 797 387	3 784 238	-0,3
Textiles, clothing, leather and footwear	38 032 591	3 441 894	3 536 589	+2,8	3 308 722	3 305 767	-0,1
Textiles	6 538 509	599 622	611 248	+1,9	523 481	567 502	+8,4
Other textile products	9 807 159	900 415	888 107	-1,4	893 688	854 916	-4,3
Knitted, crocheted articles	1 588 645	139 072	141 962	+2,1	133 892	135 567	+1,3
Wearing apparel	13 247 430	1 184 511	1 260 087	+6,4	1 169 363	1 158 760	-0,9
Leather and leather products	4 438 623	385 424	389 631	+1,1	374 529	379 503	+1,3
Footwear	2 412 225	232 850	245 554	+5,5	213 769	209 518	-2,0
Wood and wood products, paper, publishing and printing	77 468 984	7 064 256	7 792 593	+10,3	7 480 702	7 310 159	-2,3
Sawmilling and planing of wood	4 257 285	385 933	436 130	+13,0	448 970	416 225	-7,3
Products of wood	11 928 740	1 144 419	1 204 232	+5,2	1 213 316	1 132 637	-6,6
Paper and paper products	34 231 634	3 191 063	3 615 933	+13,3	3 301 537	3 271 045	-0,9
Publishing	11 434 977	1 018 562	1 156 543	+13,5	1 105 627	1 113 178	+0,7
Printing, recorded media	15 616 348	1 324 279	1 379 755	+4,2	1 411 252	1 377 075	-2,4
Petroleum, chemical products, rubber and plastic products	170 482 601	15 886 898	18 155 495	+14,3	17 073 044	17 085 890	+0,1
Coke, petroleum products and nuclear fuel	57 819 072	5 435 446	6 744 333	+24,1	6 036 920	6 406 692	+6,1
Basic chemicals	34 720 759	3 232 298	3 782 177	+17,0	3 639 027	3 468 073	-4,7
Other chemical products	46 275 887	4 274 953	4 401 747	+3,0	4 288 852	4 116 999	-4,0
Rubber products	8 974 492	767 877	835 612	+8,8	829 337	811 407	-2,2
Plastic products	22 692 391	2 176 324	2 391 626	+9,9	2 278 908	2 282 719	+0,2
Glass and non-metallic mineral products	26 163 917	2 477 402	2 629 262	+6,1	2 403 587	2 400 768	-0,1
Glass and glass products	4 800 302	469 720	482 538	+2,7	429 618	431 529	+0,4
Non-metallic mineral products	21 363 615	2 007 682	2 146 724	+6,9	1 973 969	1 969 239	-0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	177 797 495	15 226 926	18 956 339	+24,5	17 858 236	17 916 834	+0,3
Basic iron and steel products	63 182 407	4 893 432	7 474 849	+52,8	6 806 587	7 097 146	+4,3
Non-ferrous metal products	24 235 170	2 065 262	2 748 783	+33,1	2 668 369	2 646 659	-0,8
Structural metal products	13 402 419	1 219 415	1 320 810	+8,3	1 259 361	1 227 056	-2,6
Other fabricated metal product	29 122 891	2 734 745	2 952 522	+8,0	2 769 280	2 733 375	-1,3
General purpose machinery	19 178 824	1 734 955	1 735 250	-0,0	1 673 864	1 609 043	-3,9
Special purpose machinery	20 090 260	1 811 704	1 894 476	+4,6	1 880 215	1 819 784	-3,2
Household appliances	8 585 524	767 413	829 649	+8,1	800 560	783 771	-2,1
Electrical machinery	22 539 304	2 036 977	2 618 915	+28,6	2 434 160	2 463 957	+1,2
Radio, television and communication apparatus and professional equipment	12 025 153	1 173 910	1 114 463	-5,1	1 076 792	1 049 104	-2,6
Radio, television and communication apparatus	6 184 880	618 850	615 993	-0,5	598 948	565 801	-5,5
Professional equipment	5 840 273	555 060	498 470	-10,2	477 844	483 302	+1,1
Motor vehicles, parts and accessories and other transport equipment	133 643 837	12 795 165	14 697 473	+14,9	13 617 257	13 591 066	-0,2
Motor vehicles	74 634 781	7 265 500	8 216 277	+13,1	7 555 670	7 603 251	+0,6
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	623 663	693 300	+11,2	683 261	631 878	-7,5
Parts and accessories	43 763 552	4 150 049	4 845 103	+16,7	4 506 988	4 471 144	-0,8
Other transport equipment	9 109 790	755 953	942 793	+24,7	871 337	884 793	+1,5
Other manufacturing divisions	41 717 169	3 789 285	4 299 347	+13,5	4 316 610	4 094 385	-5,1
Furniture	10 230 805	957 195	962 563	+0,6	926 784	890 173	-4,0
Other manufacturing groups	31 486 364	2 832 090	3 336 784	+17,8	3 389 826	3 204 212	-5,5
Total	852 903 492	77 072 274	88 071 996	+14,3	83 722 477	83 280 379	-0,5

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)		
		July to September 2005	July to September 2006	Annual percentage change between July to September 2005 and July to September 2006	July to September 2005	July to September 2006	Annual percentage change between July to September 2005 and July to September 2006
Food and beverages	16,4	122,6	122,7	+0,1	38 056 342	41 440 221	+8,9
Meat, fish, fruit etc.	2,6	125,0	122,9	-1,7	8 729 374	9 566 686	+9,6
Dairy products	1,1	104,6	109,3	+4,5	3 334 539	3 574 353	+7,2
Grain mill products	1,5	128,2	125,2	-2,3	6 598 992	7 056 397	+6,9
Other food products	6,8	119,5	123,2	+3,1	9 538 660	10 618 582	+11,3
Beverages	4,3	128,6	124,3	-3,3	9 854 777	10 624 203	+7,8
Textiles, clothing, leather and footwear	5,4	102,7	105,2	+2,4	9 886 616	10 234 620	+3,5
Textiles	1,2	87,0	85,2	-2,1	1 711 486	1 692 880	-1,1
Other textile products	1,2	121,8	125,0	+2,6	2 524 173	2 699 988	+7,0
Knitted, crocheted articles	0,3	78,8	80,7	+2,4	401 656	408 562	+1,7
Wearing apparel	2,0	108,2	113,3	+4,7	3 456 283	3 614 445	+4,6
Leather and leather products	0,3	97,1	100,0	+3,0	1 126 943	1 118 030	-0,8
Footwear	0,4	91,8	92,3	+0,5	666 075	700 715	+5,2
Wood and wood products, paper, publishing and printing	11,0	110,9	121,2	+9,3	20 069 543	22 635 843	+12,8
Sawmilling and planing of wood	0,7	115,5	125,9	+9,0	1 108 125	1 312 971	+18,5
Products of wood	1,0	132,9	140,9	+6,0	3 241 899	3 635 090	+12,1
Paper and paper products	4,8	107,9	119,8	+11,0	9 063 748	10 229 768	+12,9
Publishing	2,4	108,7	121,7	+12,0	2 923 469	3 375 216	+15,5
Printing, recorded media	2,1	108,3	113,1	+4,4	3 732 302	4 082 798	+9,4
Petroleum, chemical products, rubber and plastic products	22,5	119,9	115,8	-3,4	46 126 497	52 851 660	+14,6
Coke, petroleum products and nuclear fuel	9,1	109,8	84,7	-22,9	16 646 587	19 940 835	+19,8
Basic chemicals	4,0	122,4	131,1	+7,1	9 201 692	10 683 633	+16,1
Other chemical products	5,4	131,1	135,1	+3,1	11 976 387	12 771 583	+6,6
Rubber products	1,1	97,2	99,6	+2,5	2 294 603	2 478 754	+8,0
Plastic products	3,0	136,1	162,2	+19,2	6 007 228	6 976 855	+16,1
Glass and non-metallic mineral products	3,9	132,9	138,2	+4,0	7 192 737	7 777 066	+8,1
Glass and glass products	1,1	147,7	152,2	+3,0	1 319 979	1 387 170	+5,1
Non-metallic mineral products	2,9	127,4	133,0	+4,4	5 872 758	6 389 896	+8,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	114,2	126,2	+10,5	44 651 963	55 392 294	+24,1
Basic iron and steel products	5,5	95,3	119,6	+25,5	14 990 971	21 454 282	+43,1
Non-ferrous metal products	4,7	112,8	119,1	+5,6	6 140 367	8 083 225	+31,6
Structural metal products	1,3	120,7	133,7	+10,8	3 481 962	3 963 504	+13,8
Other fabricated metal products	4,2	120,3	130,3	+8,3	7 836 291	8 759 522	+11,8
General purpose machinery	2,4	116,2	119,3	+2,7	4 855 994	5 028 988	+3,6
Special purpose machinery	3,2	133,5	141,2	+5,8	5 067 091	5 606 835	+10,7
Household appliances	1,2	125,9	136,5	+8,4	2 279 287	2 495 938	+9,5
Electrical machinery	2,7	103,3	112,6	+9,0	5 919 216	7 614 229	+28,6
Radio, television and communication apparatus and professional equipment	1,3	122,5	113,5	-7,3	3 204 650	3 115 921	-2,8
Radio, television and communication apparatus	0,7	104,2	103,3	-0,9	1 678 795	1 713 774	+2,1
Professional equipment	0,6	141,1	123,8	-12,3	1 525 855	1 402 147	-8,1
Motor vehicles, parts and accessories and other transport equipment	8,6	142,6	155,8	+9,3	37 242 563	43 317 703	+16,3
Motor vehicles	4,1	149,5	162,6	+8,8	21 499 439	24 676 224	+14,8
Bodies for motor vehicles, trailers and semi-trailers	0,4	178,7	207,9	+16,3	1 712 238	2 015 184	+17,7
Parts and accessories	3,1	146,9	158,4	+7,8	11 837 162	13 946 817	+17,8
Other transport equipment	1,0	87,3	99,3	+13,7	2 193 724	2 679 478	+22,1
Other manufacturing divisions	5,8	114,1	119,6	+4,8	11 096 309	12 485 747	+12,5
Furniture	1,6	142,2	144,6	+1,7	2 736 022	2 904 788	+6,2
Other manufacturing groups	4,2	103,5	110,3	+6,6	8 360 287	9 580 959	+14,6
Total	100,0	118,9	123,7	+4,0	223 446 436	256 865 304	+15,0

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 Sep. 2005	Jan. to Sep. 2006	Annual percentage change between 2005 and 2006	Contribution (percentage points) 1/	Jan. to Sep. 2005	Jan. to Sep. 2006	Annual percentage change between 2005 and 2006	Difference in sales between 2005 and 2006
Food and beverages	16,4	115,0	116,4	+1,2	+0,2	109 736	118 438	+7,9	+8 702
Meat, fish, fruit etc.	2,6	126,1	123,6	-2,0	-0,1	25 150	26 918	+7,0	+1 768
Dairy products	1,1	99,0	106,1	+7,2	+0,1	9 531	10 446	+9,6	+915
Grain mill products	1,5	121,1	123,2	+1,7	+0,0	19 203	20 210	+5,2	+1 007
Other food products	6,8	104,3	107,1	+2,7	+0,2	27 268	30 109	+10,4	+2 841
Beverages	4,3	127,3	126,8	-0,4	-0,0	28 583	30 755	+7,6	+2 172
Textiles, clothing, leather and footwear	5,4	98,1	98,5	+0,4	+0,0	28 130	28 931	+2,8	+801
Textiles	1,2	84,3	81,1	-3,8	-0,0	4 992	4 876	-2,3	-116
Other textile products	1,2	116,9	118,5	+1,4	+0,0	7 223	7 671	+6,2	+448
Knitted, crocheted articles	0,3	79,1	79,7	+0,8	+0,0	1 210	1 229	+1,6	+19
Wearing apparel	2,0	102,1	103,5	+1,4	+0,0	9 608	9 893	+3,0	+285
Leather and leather products	0,3	101,9	102,3	+0,4	+0,0	3 359	3 424	+1,9	+65
Footwear	0,4	78,5	81,4	+3,7	+0,0	1 739	1 839	+5,7	+100
Wood and wood products, paper, publishing and printing	11,0	106,8	113,5	+6,3	+0,7	56 848	62 348	+9,7	+5 500
Sawmilling and planing of wood	0,7	113,0	118,0	+4,4	+0,0	3 165	3 565	+12,6	+400
Products of wood	1,0	123,5	129,2	+4,6	+0,0	8 767	9 808	+11,9	+1 041
Paper and paper products	4,8	102,5	110,6	+7,9	+0,4	25 252	27 730	+9,8	+2 478
Publishing	2,4	103,0	115,0	+11,7	+0,3	8 233	9 451	+14,8	+1 218
Printing, recorded media	2,1	111,0	109,4	-1,4	-0,0	11 431	11 793	+3,2	+362
Petroleum, chemical products, rubber and plastic products	22,5	113,4	113,1	-0,3	-0,1	125 573	141 968	+13,1	+16 395
Coke, petroleum products and nuclear fuel	9,1	106,5	95,2	-10,6	-1,0	43 314	52 420	+21,0	+9 106
Basic chemicals	4,0	110,7	118,8	+7,3	+0,3	25 279	28 361	+12,2	+3 082
Other chemical products	5,4	123,8	126,9	+2,5	+0,1	33 723	35 866	+6,4	+2 143
Rubber products	1,1	97,7	91,1	-6,8	-0,1	6 818	6 693	-1,8	-125
Plastic products	3,0	125,2	144,0	+15,0	+0,5	16 438	18 628	+13,3	+2 190
Glass and non-metallic mineral products	3,9	119,6	127,4	+6,5	+0,3	19 045	21 182	+11,2	+2 137
Glass and glass products	1,1	132,3	143,1	+8,2	+0,1	3 410	3 767	+10,5	+357
Non-metallic mineral products	2,9	114,9	121,6	+5,8	+0,2	15 634	17 415	+11,4	+1 781
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	112,0	119,0	+6,3	+1,4	132 894	146 076	+9,9	+13 182
Basic iron and steel products	5,5	104,1	111,4	+7,0	+0,4	48 599	53 400	+9,9	+4 801
Non-ferrous metal products	4,7	107,6	118,7	+10,3	+0,5	17 606	21 380	+21,4	+3 774
Structural metal products	1,3	114,8	122,1	+6,4	+0,1	9 923	10 666	+7,5	+743
Other fabricated metal products	4,2	111,6	121,3	+8,7	+0,4	21 536	24 050	+11,7	+2 514
General purpose machinery	2,4	114,3	109,2	-4,5	-0,1	14 216	13 903	-2,2	-313
Special purpose machinery	3,2	129,0	130,8	+1,4	+0,0	14 836	15 427	+4,0	+591
Household appliances	1,2	115,1	133,7	+16,2	+0,2	6 178	7 249	+17,3	+1 071
Electrical machinery	2,7	97,4	102,7	+5,4	+0,1	16 583	19 746	+19,1	+3 163
Radio, television and communication apparatus and professional equipment	1,3	111,4	108,3	-2,8	-0,0	8 826	8 856	+0,3	+30
Radio, television and communication apparatus	0,7	90,1	93,1	+3,3	+0,0	4 514	4 740	+5,0	+226
Professional equipment	0,6	133,0	123,7	-7,0	-0,0	4 312	4 116	-4,5	-196
Motor vehicles, parts and accessories and other transport equipment	8,6	127,8	146,2	+14,4	+1,2	98 716	116 087	+17,6	+17 371
Motor vehicles	4,1	127,9	148,9	+16,4	+0,7	54 831	64 720	+18,0	+9 889
Bodies for motor vehicles, trailers and semi-trailers	0,4	149,6	182,7	+22,1	+0,1	4 397	5 194	+18,1	+797
Parts and accessories	3,1	136,0	154,4	+13,5	+0,4	32 508	38 718	+19,1	+6 210
Other transport equipment	1,0	94,1	95,2	+1,2	+0,0	6 981	7 455	+6,8	+474
Other manufacturing divisions	5,8	103,4	109,7	+6,1	+0,4	30 298	33 824	+11,6	+3 526
Furniture	1,6	126,6	133,4	+5,4	+0,1	7 297	7 910	+8,4	+613
Other manufacturing groups	4,2	94,7	100,8	+6,4	+0,3	23 001	25 914	+12,7	+2 913
Total	100,0	112,3	117,1	+4,3	+4,3	626 649	697 456	+11,3	+70 807

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 September 2006 was 87,8%. Improved response rate for August 2006 was 91,0%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

- Survey methodology and design**
- 11 The survey is conducted monthly. Questionnaires are sent to a sample of 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

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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