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email: [info@statssa.gov.za](mailto:info@statssa.gov.za)  
[www.statssa.gov.za](http://www.statssa.gov.za)

170 Andries Street • Private Bag X44, 0001 Pretoria, South Africa  
Tel: +27(12) 310 8911, Fax: +27(12) 321 7381

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## SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

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

Estimates	October 2006	% change between October 2005 and October 2006	% change between August to October 2005 and August to October 2006	% change between January to October 2005 and January to October 2006
Physical volume of manufacturing production index (2000=100)	132,5	+7,5	+4,9	+4,7
Total value of sales of manufactured products (R million)	93 065	+20,7	+17,1	+12,4

Seasonally adjusted estimates	October 2006	% change between September and October 2006	% change between May to July 2006 and August to October 2006
Physical volume of manufacturing production index (2000=100)	120,5	+0,2	+0,3
Total value of sales of manufactured products (R million)	85 481	+2,4	+5,1

### Key findings regarding manufacturing production and sales for October 2006

#### Manufacturing production increases

*The estimated seasonally adjusted manufacturing production for the three months ended October 2006 increased by 0,3% compared with the previous three months. Higher production levels were reported by eight of the ten manufacturing divisions. In addition, the estimated manufacturing production for the first ten months of 2006 increased by 4,7% compared with the first ten months of 2005. The production of the first ten months of 2005 was 3,3% higher than that of 2004.*

The major contributors to the seasonally adjusted increase of 0,3% in total manufacturing production for the three months ended October 2006 compared with the previous three months were the wood and wood products, paper, publishing and printing division and the basic iron and steel, non-ferrous metal products, metal products and machinery division (each contributing +0,3 of a percentage point), followed by the furniture and 'other' manufacturing divisions (contributing +0,2 of a percentage point), the textiles, clothing, leather and footwear division and the glass and non-metallic mineral products division (each contributing +0,1 of a percentage point) (see Table B).

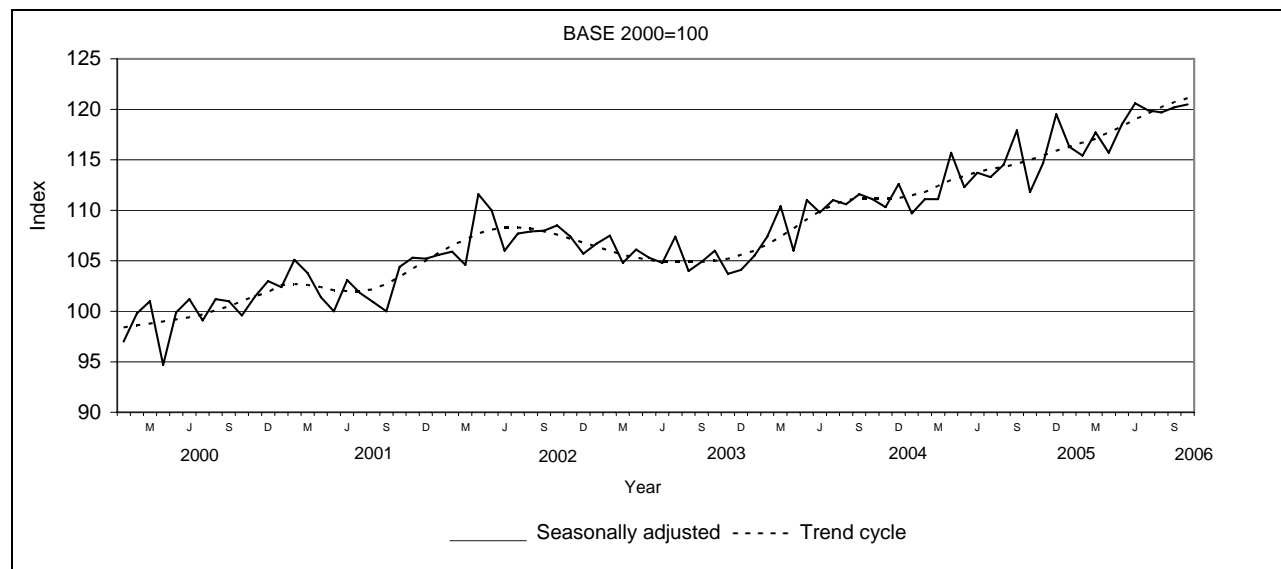
**Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production**  
(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to the total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for May to July 2006	Average seasonally adjusted production index for August to October 2006	Quarterly percentage change of August to October 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	119,1	119,2	+0,1	+0,0
Food and food products	12,1	114,5	115,1	+0,5	+0,1
Beverages	4,3	131,9	130,8	-0,8	-0,0
Textiles, clothing, leather and footwear	5,4	100,1	101,2	+1,1	+0,1
Textiles	2,4	100,8	101,3	+0,5	+0,0
Wearing apparel	2,3	102,8	104,3	+1,5	+0,0
Leather and leather products	0,3	98,9	105,3	+6,5	+0,0
Footwear	0,4	83,3	82,4	-1,1	-0,0
Wood, paper, publish and printing	11,0	115,8	118,5	+2,3	+0,3
Wood and products of wood	1,7	128,2	128,3	+0,1	+0,0
Paper and paper products	4,8	111,3	116,0	+4,2	+0,2
Publishing and printing	4,6	115,8	117,4	+1,4	+0,1
Petroleum, chemical products, rubber and plastic products	22,5	115,7	113,7	-1,7	-0,4
Coke, petroleum products and nuclear fuel	9,1	96,4	85,9	-10,9	-1,0
Basic chemicals	4,0	124,5	125,2	+0,6	+0,0
Other chemical products	5,4	129,5	132,7	+2,5	+0,1
Rubber products	1,1	88,8	94,5	+6,4	+0,1
Plastic products	3,0	149,1	156,9	+5,2	+0,2
Glass and non-metallic mineral products	3,9	130,9	134,3	+2,6	+0,1
Glass and glass products	1,1	155,8	159,4	+2,3	+0,0
Non-metallic mineral products	2,9	121,7	124,9	+2,6	+0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	121,8	123,5	+1,4	+0,3
Basic iron and steel products	5,5	115,5	119,0	+3,0	+0,2
Basic precious, non-ferrous metal products	4,7	117,6	116,1	-1,3	-0,1
Fabricated metal products	5,5	124,8	126,3	+1,2	+0,1
Machinery and equipment	6,7	127,6	130,1	+2,0	+0,1
Electrical machinery	2,7	106,9	107,3	+0,4	+0,0
Radio, television and communication apparatus and professional equipment	1,3	110,1	111,7	+1,5	+0,0
Radio, television and communication apparatus	0,7	102,2	99,2	-2,9	-0,0
Professional equipment	0,6	118,1	124,3	+5,2	+0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	147,8	145,1	-1,8	-0,2
Motor vehicles, trailers, parts and accessories	7,6	153,8	151,6	-1,4	-0,1
Other transport equipment	1,0	101,6	95,1	-6,4	-0,1
Furniture and other manufacturing division	5,8	112,1	116,6	+4,0	+0,2
Furniture	1,6	142,0	146,6	+3,2	+0,1
Other manufacturing groups	4,2	100,8	105,3	+4,5	+0,2
<b>Total</b>	<b>100,0</b>	<b>119,7</b>	<b>120,1</b>	<b>+0,3</b>	<b>+0,3</b>

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 October 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 three months ended October 2006 increased by 5,1% (+R12 199 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by nine of the ten manufacturing divisions during this period (see Table C).***

The seasonally adjusted increase of 5,1% in the total value of sales of manufactured products at current prices for the three months ended October 2006 compared with the previous three months, was mainly due to increases reported for the basic iron and steel, non-ferrous metal products, metal products and machinery division (+8,3% or +R4 256 million), the electrical machinery division (+8,3% or +R571 million), the furniture and 'other' manufacturing divisions (+8,3% or +R950 million), the petroleum, chemical products, rubber and plastic products division (+5,2% or +R2 523 million), the motor vehicles, parts and accessories and other transport equipment division (+4,6% or +R1 810 million), the wood and wood products, paper, publishing and printing division (+3,1% or +R656 million) and the food and beverages division (+2,9% or +R1 185 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 May to July 2006	Seasonally adjusted sales August to October 2006	Percentage change between May to July 2006 and August to October 2006	Difference in seasonally adjusted sales of manufacturing divisions between May to July 2006 and August to October 2006
	R'000	R'000		R'000
Food and beverages	41 422 329	42 607 458	+2,9	1 185 129
Food and food products	30 285 583	31 258 695	+3,2	973 112
Beverages	11 136 745	11 348 765	+1,9	212 020
Textiles, clothing, leather and footwear	9 917 363	9 877 687	-0,4	-39 676
Textiles	4 299 634	4 260 624	-0,9	-39 010
Wearing apparel	3 843 917	3 867 342	+0,6	23 425
Leather and leather products	1 127 825	1 131 643	+0,3	3 818
Footwear	645 988	618 077	-4,3	-27 911
Wood,paper,publish and printing	21 486 941	22 143 014	+3,1	656 073
Wood and products of wood	4 628 316	4 763 131	+2,9	134 815
Paper and paper products	9 433 003	9 808 539	+4,0	375 536
Publishing and printing	7 425 623	7 571 345	+2,0	145 722
Petroleum, chemical products, rubber and plastic products	48 841 362	51 364 206	+5,2	2 522 844
Coke, petroleum products and nuclear fuel	17 984 632	18 879 801	+5,0	895 169
Basic chemicals	9 843 555	10 506 394	+6,7	662 839
Other chemical products	12 345 725	12 723 212	+3,1	377 487
Rubber products	2 196 384	2 384 094	+8,5	187 710
Plastic products	6 471 066	6 870 704	+6,2	399 638
Glass and non-metallic mineral products	7 245 591	7 488 745	+3,4	243 154
Glass and glass products	1 342 358	1 463 789	+9,0	121 431
Non-metallic mineral products	5 903 232	6 024 955	+2,1	121 723
Basic iron and steel, non-ferrous metal products, metal products and machinery	51 003 236	55 259 117	+8,3	4 255 881
Basic iron and steel products	18 788 631	21 878 260	+16,4	3 089 629
Basic precious, non-ferrous metal products	7 798 115	8 027 711	+2,9	229 596
Fabricated metal products	11 953 664	12 238 352	+2,4	284 688
Machinery and equipment	12 462 829	13 114 797	+5,2	651 968
Electrical machinery	6 878 611	7 449 373	+8,3	570 762
Radio, television and communication apparatus and professional equipment	3 058 102	3 103 535	+1,5	45 433
Radio, television and communication apparatus	1 725 890	1 717 236	-0,5	-8 654
Professional equipment	1 332 212	1 386 300	+4,1	54 088
Motor vehicles, parts and accessories and other transport equipment	39 322 446	41 132 581	+4,6	1 810 135
Motor vehicles, trailers, parts and accessories	36 691 891	38 557 361	+5,1	1 865 470
Other transport equipment	2 630 555	2 575 221	-2,1	-55 334
Furniture and other manufacturing division	11 440 689	12 390 406	+8,3	949 717
Furniture	2 798 453	2 957 703	+5,7	159 250
Other manufacturing groups	8 642 236	9 432 703	+9,1	790 467
<b>Total</b>	<b>240 616 669</b>	<b>252 816 124</b>	<b>+5,1</b>	<b>12 199 455</b>

**The value of sales of manufactured products at current prices for the three months ended October 2006 was 17,1% (R38 979 million) higher than for the three months ended October 2005 (see Table D).**

The major contributors to the increase of 17,1% in sales of manufactured products at current prices for the three months ended October 2006 compared with the three months ended October 2005 were the basic iron and steel, non-ferrous metal products, metal products and machinery (+5,6 percentage points or +R12 706 million), the petroleum, chemical products, rubber and plastic products (+3,4 percentage points or +R7 748 million), the motor vehicles, parts and accessories and other transport equipment (+3,0 percentage points or +R6 866 million), the food and beverages (+1,8 percentage points or +R4 189 million), the wood and wood products, paper, publishing and printing (+1,1 percentage points or +R2 478 million), the electrical machinery (+0,9 of a percentage point or +R1 969 million) and the furniture and 'other manufacturing' divisions (+0,8 of a percentage point or +R1 832 million) divisions (see Table D).

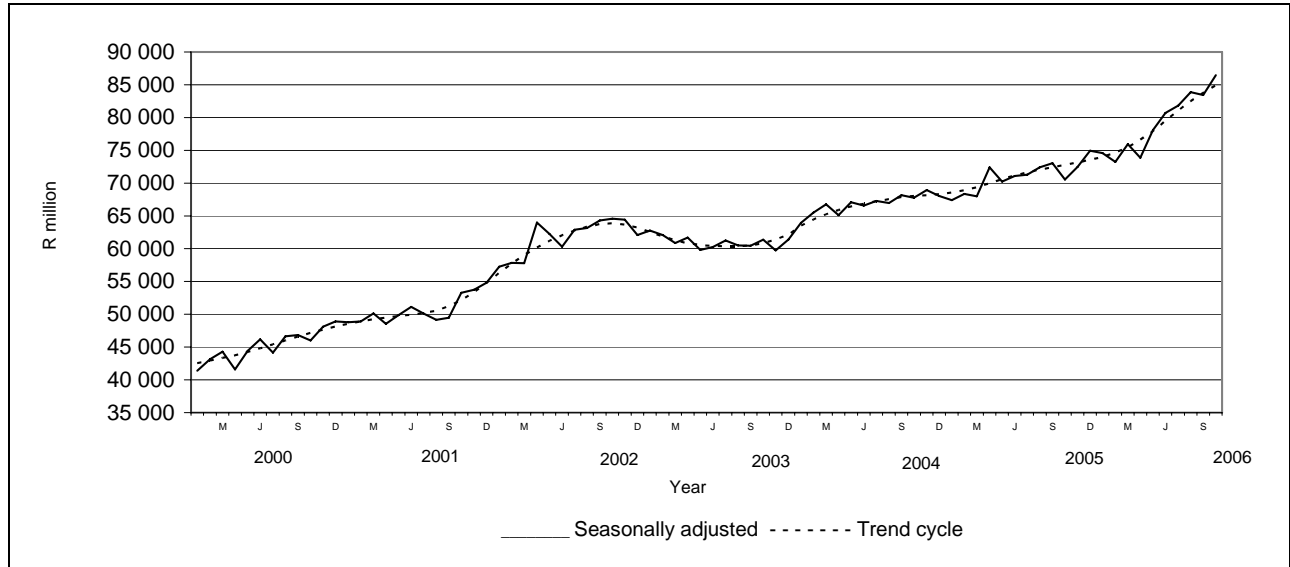
**Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices**

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products August to October 2005	Percentage change between August to October 2005 and August to October 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 August to October 2005 and August to October 2006
				R'000
Food and beverages	17,2	+10,7	+1,8	4 189 390
Food and food products	12,6	+11,4	+1,4	3 290 680
Beverages	4,5	+8,7	+0,4	898 710
Textiles, clothing, leather and footwear	4,5	+4,8	+0,2	486 456
Textiles	1,9	+4,3	+0,1	187 010
Wearing apparel	1,8	+5,3	+0,1	212 691
Leather and leather products	0,5	+4,4	-0,0	50 689
Footwear	0,3	+5,2	-0,0	36 066
Wood, paper, publish and printing	9,1	+11,9	+1,1	2 478 253
Wood and products of wood	2,0	+13,4	+0,3	604 905
Paper and paper products	4,0	+11,4	+0,5	1 051 723
Publishing and printing	3,1	+11,5	+0,4	821 625
Petroleum, chemical products, rubber and plastic products	20,4	+16,6	+3,4	7 748 381
Coke, petroleum products and nuclear fuel	7,1	+21,6	+1,5	3 529 448
Basic chemicals	4,1	+20,5	+0,8	1 929 054
Other chemical products	5,4	+9,1	+0,5	1 115 145
Rubber products	1,0	+7,2	+0,1	166 879
Plastic products	2,8	+15,9	+0,4	1 007 855
Glass and non-metallic mineral products	3,3	+10,4	+0,3	779 694
Glass and glass products	0,6	+18,1	+0,1	256 481
Non-metallic mineral products	2,7	+8,6	+0,2	523 213
Basic iron and steel, non-ferrous metal products, metal products and machinery	19,9	+28,0	+5,6	12 705 668
Basic iron and steel products	6,5	+52,9	+3,4	7 856 268
Basic precious, non-ferrous metal products	2,7	+32,1	+0,9	2 014 261
Fabricated metal products	5,0	+14,7	+0,7	1 685 894
Machinery and equipment	5,6	+9,0	+0,5	1 149 245
Electrical machinery	2,6	+32,7	+0,9	1 968 821
Radio, television and communication apparatus and professional equipment	1,4	-2,3	-0,0	-74 617
Radio, television and communication apparatus	0,8	+3,9	-0,0	66 792
Professional equipment	0,7	-9,1	-0,1	-141 409
Motor vehicles, parts and accessories and other transport equipment	16,6	+18,1	+3,0	6 865 548
Motor vehicles, trailers, parts and accessories	15,7	+17,8	+2,8	6 370 413
Other transport equipment	1,0	+22,5	+0,2	495 135
Furniture and other manufacturing division	4,9	+16,2	+0,8	1 831 824
Furniture	1,3	+14,4	+0,2	419 500
Other manufacturing groups	3,7	+16,8	+0,6	1 412 324
<b>Total</b>	<b>100,0</b>	<b>+17,1</b>	<b>+17,1</b>	<b>38 979 418</b>

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 October 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**



**P J Lehohla**  
**Statistician-General**



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	122,3
A	102,5	102,3	109,8	106,3	113,7	118,2	1/ 123,9
S	104,8	103,1	111,4	108,7	116,0	122,9	1/ 125,5
O	109,8	114,9	119,6	116,7	122,5	123,2	1/ 132,5
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	97,0	102,6	105,9	107,1	105,5	109,6	116,3
F	99,8	105,1	105,9	107,7	107,4	111,1	115,4
M	100,9	103,7	104,6	104,8	110,4	111,1	117,7
A	94,7	101,6	111,8	106,5	106,0	115,7	115,7
M	100,0	100,0	110,0	105,3	111,0	112,3	118,5
J	101,2	103,1	106,0	104,7	109,8	113,7	120,6
J	99,1	101,6	107,4	107,1	111,0	113,3	119,9
A	101,3	100,9	107,8	103,9	110,6	114,4	119,7
S	101,0	99,9	107,9	104,9	111,5	117,9	120,2
O	99,6	104,3	108,6	106,1	111,2	111,9	120,5
N	101,5	105,3	107,5	103,7	110,3	114,7	
D	102,9	105,0	105,4	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	+4,8
S	.	-1,6	+8,1	-2,4	+6,7	+5,9	+2,1
O	.	+4,6	+4,1	-2,4	+5,0	+0,6	+7,5
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				
			October	1/ September	1/ October	October	September	October		
			2005		2006		2005		2006	
Food and beverages	16,4	118,7	127,7	124,2	129,2	117,2	117,6	118,6		
Meat, fish, fruit etc.	2,6	127,7	125,9	121,3	124,1	123,4	123,3	122,6		
Dairy products	1,1	103,3	114,8	117,5	118,2	107,3	111,1	110,4		
Grain mill products	1,5	123,4	125,8	125,8	126,0	123,3	122,1	123,8		
Other food products	6,8	106,6	119,7	121,3	129,1	103,4	107,3	111,7		
Beverages	4,3	134,5	145,6	131,7	136,6	135,7	130,6	127,2		
Textiles, clothing, leather and footwear	5,4	97,9	107,5	108,4	116,2	93,4	102,4	101,4		
Textiles	1,2	81,3	84,2	93,1	89,9	77,0	85,0	82,3		
Other textile products	1,2	117,0	121,6	124,5	139,3	108,2	122,2	123,9		
Knitted, crocheted articles	0,3	77,4	77,7	85,5	88,8	69,3	82,2	79,8		
Wearing apparel	2,0	103,9	122,4	115,8	127,1	102,5	108,1	107,1		
Leather and leather products	0,3	100,0	98,5	103,5	114,0	91,3	106,8	105,9		
Footwear	0,4	79,4	95,4	95,1	99,9	77,3	83,2	81,7		
Wood and wood products, paper, publishing and printing	11,0	109,0	119,6	125,0	126,4	110,1	119,8	116,3		
Sawmilling and planing of wood	0,7	113,1	120,0	127,8	129,0	114,0	121,6	122,6		
Products of wood	1,0	124,6	135,1	136,5	145,9	120,1	131,5	129,9		
Paper and paper products	4,8	104,1	111,8	125,9	116,4	107,8	119,3	112,1		
Publishing	2,4	107,4	122,8	125,3	132,2	111,1	121,9	120,0		
Printing, recorded media	2,1	113,1	126,2	116,5	132,0	108,2	112,6	113,0		
Petroleum, chemical products, rubber and plastic products	22,5	113,3	114,8	116,3	126,3	106,4	114,5	117,0		
Coke, petroleum products, and nuclear fuel	9,1	103,1	88,8	85,2	94,6	89,2	90,0	95,2		
Basic chemicals	4,0	113,5	126,9	121,7	150,7	107,0	119,6	126,8		
Other chemical products	5,4	125,6	134,7	139,6	145,8	121,8	132,0	132,2		
Rubber products	1,1	94,3	95,8	98,6	94,6	91,2	95,6	90,9		
Plastic products	3,0	129,2	149,8	169,2	168,0	136,2	158,5	153,3		
Glass and non-metallic mineral products	3,9	122,9	142,3	146,2	154,0	126,4	134,9	137,0		
Glass and glass products	1,1	137,9	163,2	175,0	182,6	144,4	162,8	161,6		
Non-metallic mineral products	2,9	117,3	134,5	135,5	143,4	119,7	124,5	127,8		
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	121,1	126,6	134,5	113,2	122,3	125,5		
Basic iron and steel products	5,5	103,7	103,3	122,3	125,2	97,9	122,6	118,7		
Non-ferrous metal products	4,7	109,9	119,1	116,8	118,2	115,2	117,4	114,3		
Structural metal products	1,3	116,0	127,3	131,4	147,6	119,6	125,8	139,0		
Other fabricated metal product	4,2	112,6	116,7	128,9	142,3	105,8	121,4	129,5		
General purpose machinery	2,4	114,3	122,5	125,0	129,7	111,9	113,1	118,2		
Special purpose machinery	3,2	130,7	148,7	141,0	156,7	139,3	134,0	145,7		
Household appliances	1,2	120,5	147,4	136,5	149,8	131,4	126,4	133,6		
Electrical machinery	2,7	97,7	109,3	110,9	119,6	99,5	104,6	108,8		
Radio, television and communication apparatus and professional equipment	1,3	113,4	124,1	118,6	115,6	115,5	109,4	107,6		
Radio, television and communication apparatus	0,7	92,7	105,6	104,5	105,8	93,7	90,6	94,0		
Professional equipment	0,6	134,4	142,9	133,0	125,6	137,6	128,5	121,5		
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	143,0	150,9	164,6	126,6	140,7	146,7		
Motor vehicles	4,1	129,3	153,5	152,5	176,0	131,4	145,2	151,4		
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	190,7	209,9	217,3	176,6	191,9	200,7		
Parts and accessories	3,1	135,8	142,0	157,1	163,9	129,9	143,0	151,1		
Other transport equipment	1,0	91,7	84,8	102,9	99,2	77,9	96,0	92,4		
Other manufacturing divisions	5,8	107,4	136,6	134,9	131,7	106,8	127,4	105,1		
Furniture	1,6	132,6	162,0	160,7	186,3	128,1	147,8	148,9		
Other manufacturing groups	4,2	97,9	127,1	125,2	111,2	98,8	119,8	88,6		
<b>Total</b>	<b>100,0</b>	<b>113,8</b>	<b>123,2</b>	<b>125,5</b>	<b>132,5</b>	<b>111,9</b>	<b>120,2</b>	<b>120,5</b>		

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		
			October 2005	1/ October 2006	Percentage difference between October 2005 and October 2006	September 2006	October 2006	Percentage difference between September and October 2006
Food and beverages	16,4	118,7	127,7	129,2	+1,2	117,6	118,6	+0,9
Meat, fish, fruit etc.	2,6	127,7	125,9	124,1	-1,4	123,3	122,6	-0,6
Dairy products	1,1	103,3	114,8	118,2	+3,0	111,1	110,4	-0,6
Grain mill products	1,5	123,4	125,8	126,0	+0,2	122,1	123,8	+1,4
Other food products	6,8	106,6	119,7	129,1	+7,9	107,3	111,7	+4,1
Beverages	4,3	134,5	145,6	136,6	-6,2	130,6	127,2	-2,6
Textiles, clothing, leather and footwear	5,4	97,9	107,5	116,2	+8,1	102,4	101,4	-1,0
Textiles	1,2	81,3	84,2	89,9	+6,8	85,0	82,3	-2,9
Other textile products	1,2	117,0	121,6	139,3	+14,6	122,2	123,9	+1,4
Knitted, crocheted articles	0,3	77,4	77,7	88,8	+14,3	82,2	79,8	-2,9
Wearing apparel	2,0	103,9	122,4	127,1	+3,8	108,1	107,1	-0,9
Leather and leather products	0,3	100,0	98,5	114,0	+15,7	106,8	105,9	-0,8
Footwear	0,4	79,4	95,4	99,9	+4,7	83,2	81,7	-1,8
Wood and wood products, paper, publishing and printing	11,0	109,0	119,6	126,4	+5,7	119,8	116,3	-2,9
Sawmilling and planing of wood	0,7	113,1	120,0	129,0	+7,5	121,6	122,6	+0,8
Products of wood	1,0	124,6	135,1	145,9	+8,0	131,5	129,9	-1,2
Paper and paper products	4,8	104,1	111,8	116,4	+4,1	119,3	112,1	-6,0
Publishing	2,4	107,4	122,8	132,2	+7,7	121,9	120,0	-1,6
Printing, recorded media	2,1	113,1	126,2	132,0	+4,6	112,6	113,0	+0,4
Petroleum, chemical products, rubber and plastic products	22,5	113,3	114,8	126,3	+10,0	114,5	117,0	+2,2
Coke, petroleum products and nuclear fuel	9,1	103,1	88,8	94,6	+6,5	90,0	95,2	+5,8
Basic chemicals	4,0	113,5	126,9	150,7	+18,8	119,6	126,8	+6,0
Other chemical products	5,4	125,6	134,7	145,8	+8,2	132,0	132,2	+0,2
Rubber products	1,1	94,3	95,8	94,6	-1,3	95,6	90,9	-4,9
Plastic products	3,0	129,2	149,8	168,0	+12,1	158,5	153,3	-3,3
Glass and non-metallic mineral products	3,9	122,9	142,3	154,0	+8,2	134,9	137,0	+1,6
Glass and glass products	1,1	137,9	163,2	182,6	+11,9	162,8	161,6	-0,7
Non-metallic mineral products	2,9	117,3	134,5	143,4	+6,6	124,5	127,8	+2,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	121,1	134,5	+11,1	122,3	125,5	+2,6
Basic iron and steel products	5,5	103,7	103,3	125,2	+21,2	122,6	118,7	-3,2
Non-ferrous metal products	4,7	109,9	119,1	118,2	-0,8	117,4	114,3	-2,6
Structural metal products	1,3	116,0	127,3	147,6	+15,9	125,8	139,0	+10,5
Other fabricated metal product	4,2	112,6	116,7	142,3	+21,9	121,4	129,5	+6,7
General purpose machinery	2,4	114,3	122,5	129,7	+5,9	113,1	118,2	+4,5
Special purpose machinery	3,2	130,7	148,7	156,7	+5,4	134,0	145,7	+8,7
Household appliances	1,2	120,5	147,4	149,8	+1,6	126,4	133,6	+5,7
Electrical machinery	2,7	97,7	109,3	119,6	+9,4	104,6	108,8	+4,0
Radio, television and communication apparatus and professional equipment	1,3	113,4	124,1	115,6	-6,8	109,4	107,6	-1,6
Radio, television and communication apparatus	0,7	92,7	105,6	105,8	+0,2	90,6	94,0	+3,8
Professional equipment	0,6	134,4	142,9	125,6	-12,1	128,5	121,5	-5,4
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	143,0	164,6	+15,1	140,7	146,7	+4,3
Motor vehicles	4,1	129,3	153,5	176,0	+14,7	145,2	151,4	+4,3
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	190,7	217,3	+13,9	191,9	200,7	+4,6
Parts and accessories	3,1	135,8	142,0	163,9	+15,4	143,0	151,1	+5,7
Other transport equipment	1,0	91,7	84,8	99,2	+17,0	96,0	92,4	-3,8
Other manufacturing divisions	5,8	107,4	136,6	131,7	-3,6	127,4	105,1	-17,5
Furniture	1,6	132,6	162,0	186,3	+15,0	147,8	148,9	+0,7
Other manufacturing groups	4,2	97,9	127,1	111,2	-12,5	119,8	88,6	-26,0
<b>Total</b>	<b>100,0</b>	<b>113,8</b>	<b>123,2</b>	<b>132,5</b>	<b>+7,5</b>	<b>120,2</b>	<b>120,5</b>	<b>+0,2</b>

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	82 659 898
A	47 678 646	50 354 970	64 807 330	62 002 082	68 542 440	74 351 047	1/ 86 226 379
S	48 854 175	51 467 372	67 204 918	63 496 302	71 584 850	77 072 274	1/ 88 192 599
O	51 100 083	58 975 926	71 567 676	68 034 682	74 142 435	77 081 000	1/ 93 064 761
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	41 716 831	49 124 255	57 662 385	63 270 087	63 930 957	67 420 735	74 601 719
F	43 499 534	49 263 974	58 464 944	62 863 386	65 497 724	68 354 880	73 224 266
M	44 638 689	50 472 809	58 256 969	61 355 848	66 782 590	68 008 713	75 927 401
A	41 953 682	48 985 403	64 606 067	62 603 234	65 118 145	72 415 050	73 878 925
M	44 777 964	50 246 290	62 715 742	60 403 762	67 092 269	70 216 022	78 069 560
J	46 498 576	51 437 466	60 700 214	60 728 881	66 558 865	71 096 693	80 717 576
J	44 508 687	50 418 507	63 315 977	61 798 744	67 277 304	71 315 219	81 829 533
A	46 934 467	49 542 593	63 663 576	60 826 240	66 956 779	72 389 490	83 880 300
S	47 155 821	49 687 858	64 648 474	60 777 247	68 152 414	73 027 530	83 454 777
O	46 373 872	53 647 533	65 286 134	62 125 593	67 773 855	70 538 366	85 481 047
N	48 469 418	54 184 047	64 946 636	60 163 603	68 939 691	72 474 700	
D	49 253 769	55 346 539	62 548 442	61 759 677	68 054 986	74 951 329	

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	+16,0
S	..	+5,3	+30,6	-5,5	+12,7	+7,7	+14,4
O	..	+15,4	+21,4	-4,9	+9,0	+4,0	+20,7
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		
		October	1/September	1/October	October	September	October
		2005	2005	2006	2005	2006	
Food and beverages	153 032 441	13 508 868	14 312 491	15 138 471	12 760 624	14 086 100	14 313 443
Meat, fish, fruit etc.	34 786 013	3 013 184	3 233 408	3 436 423	2 804 592	3 176 935	3 206 606
Dairy products	13 192 926	1 188 261	1 251 134	1 310 198	1 115 081	1 195 021	1 228 979
Grain mill products	26 035 220	2 181 855	2 354 941	2 491 941	2 151 998	2 323 555	2 465 837
Other food products	37 791 892	3 434 530	3 635 649	3 966 263	3 187 965	3 575 942	3 685 485
Beverages	41 226 390	3 691 038	3 837 359	3 933 646	3 500 988	3 814 648	3 726 536
Textiles, clothing, leather and footwear	38 032 591	3 530 052	3 513 800	3 762 565	3 079 561	3 285 078	3 291 937
Textiles	6 538 509	578 076	607 997	607 363	527 282	565 359	554 202
Other textile products	9 807 159	906 230	887 828	970 700	816 616	851 630	872 350
Knitted, crocheted articles	1 588 645	132 474	142 937	153 681	122 668	137 425	143 472
Wearing apparel	13 247 430	1 284 125	1 251 910	1 341 282	1 080 551	1 150 263	1 134 771
Leather and leather products	4 438 623	387 204	383 216	429 919	341 528	375 934	381 082
Footwear	2 412 225	241 943	239 912	259 620	190 916	204 466	206 060
Wood and wood products, paper, publishing and printing	77 468 984	7 104 128	7 806 696	7 994 295	6 540 631	7 308 673	7 359 613
Sawmilling and planing of wood	4 257 285	384 970	433 078	469 453	362 250	413 588	441 420
Products of wood	11 928 740	1 124 709	1 185 679	1 303 091	979 226	1 113 679	1 138 474
Paper and paper products	34 231 634	3 056 927	3 620 452	3 362 800	2 955 954	3 266 503	3 244 395
Publishing	11 434 977	1 077 986	1 160 296	1 254 539	974 301	1 118 042	1 137 382
Printing, recorded media	15 616 348	1 459 536	1 407 191	1 604 412	1 268 899	1 396 861	1 397 942
Petroleum, chemical products, rubber and plastic products	170 482 601	15 622 317	18 108 401	18 625 771	14 369 219	17 023 667	17 238 864
Coke, petroleum products, and nuclear fuel	57 819 072	5 137 286	6 674 189	6 553 671	5 068 742	6 357 825	6 509 972
Basic chemicals	34 720 759	3 257 494	3 765 075	3 975 908	2 772 792	3 432 756	3 393 456
Other chemical products	46 275 887	4 238 475	4 396 821	4 761 288	3 820 734	4 119 956	4 311 272
Rubber products	8 974 492	793 901	840 230	787 991	751 260	807 979	749 913
Plastic products	22 692 391	2 195 161	2 432 086	2 546 913	1 955 690	2 305 150	2 274 251
Glass and non-metallic mineral products	26 163 917	2 618 613	2 696 944	2 994 343	2 262 334	2 466 355	2 582 804
Glass and glass products	4 800 302	497 423	545 196	625 749	410 864	484 875	517 605
Non-metallic mineral products	21 363 615	2 121 190	2 151 748	2 368 594	1 851 470	1 981 479	2 065 199
Basic iron and steel, non-ferrous metal products, metal products and machinery	177 797 495	15 084 524	18 997 980	20 642 176	14 024 522	18 080 263	19 276 604
Basic iron and steel products	63 182 407	4 725 228	7 473 113	8 245 082	4 489 437	7 199 818	7 849 687
Non-ferrous metal products	24 235 170	2 139 368	2 747 336	2 888 665	2 007 041	2 643 601	2 718 701
Structural metal products	13 402 419	1 232 763	1 339 213	1 465 413	1 121 496	1 246 686	1 340 572
Other fabricated metal product	29 122 891	2 575 697	2 962 811	3 152 755	2 337 022	2 744 593	2 872 340
General purpose machinery	19 178 824	1 703 500	1 742 666	1 865 641	1 555 898	1 621 946	1 691 152
Special purpose machinery	20 090 260	1 867 834	1 894 476	2 093 752	1 764 800	1 831 330	1 968 918
Household appliances	8 585 524	840 134	838 365	930 868	748 828	792 289	835 236
Electrical machinery	22 539 304	2 023 007	2 635 226	2 737 260	1 872 469	2 475 208	2 527 419
Radio, television and communication apparatus and professional equipment	12 025 153	1 096 998	1 114 734	1 049 769	1 035 954	1 035 070	990 902
Radio, television and communication apparatus	6 184 880	575 763	615 391	602 190	529 685	562 127	556 252
Professional equipment	5 840 273	521 235	499 343	447 579	506 269	472 943	434 651
Motor vehicles, parts and accessories and other transport equipment	133 643 837	12 579 457	14 585 409	15 707 156	11 162 195	13 517 306	14 010 379
Motor vehicles	74 634 781	7 216 388	8 116 277	8 774 794	6 432 980	7 541 066	7 868 252
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	597 353	686 584	709 337	522 259	615 152	621 060
Parts and accessories	43 763 552	4 050 964	4 848 933	5 316 217	3 551 951	4 490 960	4 680 393
Other transport equipment	9 109 790	714 752	933 615	906 808	655 006	870 128	840 674
Other manufacturing divisions	41 717 169	3 913 036	4 420 918	4 412 955	3 430 858	4 177 057	3 889 081
Furniture	10 230 805	1 037 480	1 086 142	1 260 097	835 046	990 572	1 023 379
Other manufacturing groups	31 486 364	2 875 556	3 334 776	3 152 858	2 595 813	3 186 485	2 865 701
<b>Total</b>	<b>852 903 492</b>	<b>77 081 000</b>	<b>88 192 599</b>	<b>93 064 761</b>	<b>70 538 366</b>	<b>83 454 777</b>	<b>85 481 047</b>

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/		September 2006	October 2006	Percentage change between September and October 2006
			October 2005	October 2006			
Food and beverages	153 032 441	13 508 868	15 138 471	+12,1	14 086 100	14 313 443	+1,6
Meat, fish, fruit etc.	34 786 013	3 013 184	3 436 423	+14,0	3 176 935	3 206 606	+0,9
Dairy products	13 192 926	1 188 261	1 310 198	+10,3	1 195 021	1 228 979	+2,8
Grain mill products	26 035 220	2 181 855	2 491 941	+14,2	2 323 555	2 465 837	+6,1
Other food products	37 791 892	3 434 530	3 966 263	+15,5	3 575 942	3 685 485	+3,1
Beverages	41 226 390	3 691 038	3 933 646	+6,6	3 814 648	3 726 536	-2,3
Textiles, clothing, leather and footwear	38 032 591	3 530 052	3 762 565	+6,6	3 285 078	3 291 937	+0,2
Textiles	6 538 509	578 076	607 363	+5,1	565 359	554 202	-2,0
Other textile products	9 807 159	906 230	970 700	+7,1	851 630	872 350	+2,4
Knitted, crocheted articles	1 588 645	132 474	153 681	+16,0	137 425	143 472	+4,4
Wearing apparel	13 247 430	1 284 125	1 341 282	+4,5	1 150 263	1 134 771	-1,3
Leather and leather products	4 438 623	387 204	429 919	+11,0	375 934	381 082	+1,4
Footwear	2 412 225	241 943	259 620	+7,3	204 466	206 060	+0,8
Wood and wood products, paper, publishing and printing	77 468 984	7 104 128	7 994 295	+12,5	7 308 673	7 359 613	+0,7
Sawmilling and planing of wood	4 257 285	384 970	469 453	+21,9	413 588	441 420	+6,7
Products of wood	11 928 740	1 124 709	1 303 091	+15,9	1 113 679	1 138 474	+2,2
Paper and paper products	34 231 634	3 056 927	3 362 800	+10,0	3 266 503	3 244 395	-0,7
Publishing	11 434 977	1 077 986	1 254 539	+16,4	1 118 042	1 137 382	+1,7
Printing, recorded media	15 616 348	1 459 536	1 604 412	+9,9	1 396 861	1 397 942	+0,1
Petroleum, chemical products, rubber and plastic products	170 482 601	15 622 317	18 625 771	+19,2	17 023 667	17 238 864	+1,3
Coke, petroleum products and nuclear fuel	57 819 072	5 137 286	6 553 671	+27,6	6 357 825	6 509 972	+2,4
Basic chemicals	34 720 759	3 257 494	3 975 908	+22,1	3 432 756	3 393 456	-1,1
Other chemical products	46 275 887	4 238 475	4 761 288	+12,3	4 119 956	4 311 272	+4,6
Rubber products	8 974 492	793 901	787 991	-0,7	807 979	749 913	-7,2
Plastic products	22 692 391	2 195 161	2 546 913	+16,0	2 305 150	2 274 251	-1,3
Glass and non-metallic mineral products	26 163 917	2 618 613	2 994 343	+14,3	2 466 355	2 582 804	+4,7
Glass and glass products	4 800 302	497 423	625 749	+25,8	484 875	517 605	+6,8
Non-metallic mineral products	21 363 615	2 121 190	2 368 594	+11,7	1 981 479	2 065 199	+4,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	177 797 495	15 084 524	20 642 176	+36,8	18 080 263	19 276 604	+6,6
Basic iron and steel products	63 182 407	4 725 228	8 245 082	+74,5	7 199 818	7 849 687	+9,0
Non-ferrous metal products	24 235 170	2 139 368	2 888 665	+35,0	2 643 601	2 718 701	+2,8
Structural metal products	13 402 419	1 232 763	1 465 413	+18,9	1 246 686	1 340 572	+7,5
Other fabricated metal products	29 122 891	2 575 697	3 152 755	+22,4	2 744 593	2 872 340	+4,7
General purpose machinery	19 178 824	1 703 500	1 865 641	+9,5	1 621 946	1 691 152	+4,3
Special purpose machinery	20 090 260	1 867 834	2 093 752	+12,1	1 831 330	1 968 918	+7,5
Household appliances	8 585 524	840 134	930 868	+10,8	792 289	835 236	+5,4
Electrical machinery	22 539 304	2 023 007	2 737 260	+35,3	2 475 208	2 527 419	+2,1
Radio, television and communication apparatus and professional equipment	12 025 153	1 096 998	1 049 769	-4,3	1 035 070	990 902	-4,3
Radio, television and communication apparatus	6 184 880	575 763	602 190	+4,6	562 127	556 252	-1,0
Professional equipment	5 840 273	521 235	447 579	-14,1	472 943	434 651	-8,1
Motor vehicles, parts and accessories and other transport equipment	133 643 837	12 579 457	15 707 156	+24,9	13 517 306	14 010 379	+3,6
Motor vehicles	74 634 781	7 216 388	8 774 794	+21,6	7 541 066	7 868 252	+4,3
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	597 353	709 337	+18,7	615 152	621 060	+1,0
Parts and accessories	43 763 552	4 050 964	5 316 217	+31,2	4 490 960	4 680 393	+4,2
Other transport equipment	9 109 790	714 752	906 808	+26,9	870 128	840 674	-3,4
Other manufacturing divisions	41 717 169	3 913 036	4 412 955	+12,8	4 177 057	3 889 081	-6,9
Furniture	10 230 805	1 037 480	1 260 097	+21,5	990 572	1 023 379	+3,3
Other manufacturing groups	31 486 364	2 875 556	3 152 858	+9,6	3 186 485	2 865 701	-10,1
<b>Total</b>	<b>852 903 492</b>	<b>77 081 000</b>	<b>93 064 761</b>	<b>+20,7</b>	<b>83 454 777</b>	<b>85 481 047</b>	<b>+2,4</b>

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)		
		August to October 2005	August to October 2006	Annual percentage change between August to October 2005 and August to October 2006	August to October 2005	August to October 2006	Annual percentage change between August to October 2005 and August to October 2006
Food and beverages	16,4	126,5	126,0	-0,4	39 256 655	43 446 045	+10,7
Meat, fish, fruit etc.	2,6	127,7	123,4	-3,4	8 944 387	9 948 733	+11,2
Dairy products	1,1	109,7	114,6	+4,5	3 473 757	3 768 265	+8,5
Grain mill products	1,5	127,5	125,5	-1,6	6 581 299	7 183 111	+9,1
Other food products	6,8	122,5	125,9	+2,8	9 870 232	11 260 246	+14,1
Beverages	4,3	136,1	130,9	-3,8	10 386 980	11 285 690	+8,7
Textiles, clothing, leather and footwear	5,4	105,4	109,8	+4,2	10 224 867	10 711 323	+4,8
Textiles	1,2	87,2	87,9	+0,8	1 725 343	1 760 831	+2,1
Other textile products	1,2	123,3	128,1	+3,9	2 610 627	2 762 149	+5,8
Knitted, crocheted articles	0,3	78,7	85,4	+8,5	402 034	435 051	+8,2
Wearing apparel	2,0	114,2	119,8	+4,9	3 648 822	3 828 496	+4,9
Leather and leather products	0,3	98,1	107,0	+9,1	1 146 816	1 197 505	+4,4
Footwear	0,4	92,2	96,1	+4,2	691 225	727 291	+5,2
Wood and wood products, paper, publishing and printing	11,0	115,1	123,9	+7,6	20 825 392	23 303 645	+11,9
Sawmilling and planing of wood	0,7	118,1	128,3	+8,6	1 146 024	1 351 675	+17,9
Products of wood	1,0	136,5	141,7	+3,8	3 355 932	3 755 186	+11,9
Paper and paper products	4,8	109,4	119,4	+9,1	9 197 513	10 249 236	+11,4
Publishing	2,4	115,0	126,9	+10,3	3 078 545	3 547 091	+15,2
Printing, recorded media	2,1	116,9	120,8	+3,3	4 047 378	4 400 457	+8,7
Petroleum, chemical products, rubber and plastic products	22,5	118,4	118,3	-0,1	46 689 815	54 438 196	+16,6
Coke, petroleum products and nuclear fuel	9,1	101,7	84,6	-16,8	16 333 394	19 862 842	+21,6
Basic chemicals	4,0	124,7	136,0	+9,1	9 403 063	11 332 117	+20,5
Other chemical products	5,4	132,9	139,7	+5,1	12 299 726	13 414 871	+9,1
Rubber products	1,1	95,7	98,6	+3,0	2 323 697	2 490 576	+7,2
Plastic products	3,0	143,4	166,6	+16,2	6 329 935	7 337 790	+15,9
Glass and non-metallic mineral products	3,9	138,3	146,4	+5,9	7 524 311	8 304 005	+10,4
Glass and glass products	1,1	156,7	172,9	+10,3	1 417 423	1 673 904	+18,1
Non-metallic mineral products	2,9	131,5	136,6	+3,9	6 106 888	6 630 101	+8,6
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	117,6	129,4	+10,0	45 408 984	58 114 652	+28,0
Basic iron and steel products	5,5	97,6	120,2	+23,2	14 857 061	22 713 329	+52,9
Non-ferrous metal products	4,7	115,0	118,4	+3,0	6 266 441	8 280 702	+32,1
Structural metal products	1,3	123,7	137,7	+11,3	3 592 471	4 135 929	+15,1
Other fabricated metal products	4,2	120,8	133,4	+10,4	7 891 976	9 034 412	+14,5
General purpose machinery	2,4	120,1	126,0	+4,9	5 017 532	5 321 535	+6,1
Special purpose machinery	3,2	142,7	150,3	+5,3	5 396 651	5 981 818	+10,8
Household appliances	1,2	135,0	142,9	+5,9	2 386 852	2 646 927	+10,9
Electrical machinery	2,7	105,5	115,2	+9,2	6 013 163	7 981 984	+32,7
Radio, television and communication apparatus and professional equipment	1,3	122,6	115,2	-6,0	3 265 210	3 190 593	-2,3
Radio, television and communication apparatus	0,7	104,0	103,9	-0,1	1 715 067	1 781 859	+3,9
Professional equipment	0,6	141,5	126,7	-10,5	1 550 143	1 408 734	-9,1
Motor vehicles, parts and accessories and other transport equipment	8,6	145,9	159,8	+9,5	37 995 243	44 860 791	+18,1
Motor vehicles	4,1	154,6	168,8	+9,2	21 801 396	25 165 956	+15,4
Bodies for motor vehicles, trailers and semi-trailers	0,4	185,0	213,6	+15,5	1 776 548	2 084 587	+17,3
Parts and accessories	3,1	148,5	160,9	+8,4	12 221 356	14 919 170	+22,1
Other transport equipment	1,0	87,1	98,7	+13,3	2 195 943	2 691 078	+22,5
Other manufacturing divisions	5,8	120,0	127,8	+6,5	11 300 681	13 132 505	+16,2
Furniture	1,6	151,0	165,4	+9,5	2 906 042	3 325 542	+14,4
Other manufacturing groups	4,2	108,4	113,7	+4,9	8 394 639	9 806 963	+16,8
Total	100,0	121,4	127,3	+4,9	228 504 321	267 483 739	+17,1

**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 Oct. 2005	Jan. to Oct. 2006	Annual percentage change between 2005 and 2006	Contribution (percentage points) 1/	Jan. to Oct. 2005	Jan. to Oct. 2006	Annual percentage change between 2005 and 2006	Difference in sales between 2005 and 2006
Food and beverages	16,4	116,3	117,6	+1,1	+0,2	123 245	133 655	+8,4	+10 410
Meat, fish, fruit etc.	2,6	126,1	123,8	-1,8	-0,0	28 164	30 389	+7,9	+2 225
Dairy products	1,1	100,6	107,3	+6,7	+0,1	10 719	11 756	+9,7	+1 037
Grain mill products	1,5	121,5	123,5	+1,6	+0,0	21 385	22 700	+6,2	+1 315
Other food products	6,8	105,9	109,1	+3,0	+0,2	30 702	34 047	+10,9	+3 345
Beverages	4,3	129,1	127,9	-0,9	-0,0	32 274	34 764	+7,7	+2 490
Textiles, clothing, leather and footwear	5,4	99,0	100,3	+1,3	+0,1	31 660	32 663	+3,2	+1 003
Textiles	1,2	84,3	81,9	-2,8	-0,0	5 570	5 480	-1,6	-90
Other textile products	1,2	117,4	120,6	+2,7	+0,0	8 129	8 641	+6,3	+512
Knitted, crocheted articles	0,3	79,0	80,7	+2,2	+0,0	1 342	1 384	+3,1	+42
Wearing apparel	2,0	104,2	106,0	+1,7	+0,0	10 892	11 226	+3,1	+334
Leather and leather products	0,3	101,5	103,3	+1,8	+0,0	3 746	3 847	+2,7	+101
Footwear	0,4	80,2	83,2	+3,7	+0,0	1 981	2 085	+5,2	+104
Wood and wood products, paper, publishing and printing	11,0	108,1	114,8	+6,2	+0,7	63 952	70 361	+10,0	+6 409
Sawmilling and planing of wood	0,7	113,7	119,3	+4,9	+0,0	3 550	4 032	+13,6	+482
Products of wood	1,0	124,7	130,8	+4,9	+0,0	9 891	11 093	+12,1	+1 202
Paper and paper products	4,8	103,5	111,2	+7,4	+0,4	28 309	31 098	+9,9	+2 789
Publishing	2,4	105,0	116,9	+11,3	+0,3	9 311	10 713	+15,1	+1 402
Printing, recorded media	2,1	112,5	111,7	-0,7	-0,0	12 891	13 425	+4,1	+534
Petroleum, chemical products, rubber and plastic products	22,5	113,5	114,3	+0,7	+0,2	141 196	160 544	+13,7	+19 348
Coke, petroleum products and nuclear fuel	9,1	104,7	95,1	-9,2	-0,8	48 451	58 884	+21,5	+10 433
Basic chemicals	4,0	112,4	121,2	+7,8	+0,3	28 537	32 320	+13,3	+3 783
Other chemical products	5,4	124,9	128,7	+3,0	+0,2	37 962	40 622	+7,0	+2 660
Rubber products	1,1	97,5	91,5	-6,2	-0,1	7 612	7 487	-1,6	-125
Plastic products	3,0	127,7	146,7	+14,9	+0,4	18 633	21 231	+13,9	+2 598
Glass and non-metallic mineral products	3,9	121,9	131,0	+7,5	+0,3	21 663	24 279	+12,1	+2 616
Glass and glass products	1,1	135,4	150,2	+10,9	+0,1	3 908	4 490	+14,9	+582
Non-metallic mineral products	2,9	116,9	123,8	+5,9	+0,2	17 755	19 789	+11,5	+2 034
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	112,9	120,6	+6,8	+1,5	147 979	166 758	+12,7	+18 779
Basic iron and steel products	5,5	104,0	112,8	+8,5	+0,5	53 325	61 643	+15,6	+8 318
Non-ferrous metal products	4,7	108,8	118,7	+9,1	+0,4	19 745	24 267	+22,9	+4 522
Structural metal products	1,3	116,0	124,8	+7,6	+0,1	11 155	12 149	+8,9	+994
Other fabricated metal products	4,2	112,1	123,4	+10,1	+0,4	24 112	27 212	+12,9	+3 100
General purpose machinery	2,4	115,1	111,6	-3,0	-0,1	15 919	15 776	-0,9	-143
Special purpose machinery	3,2	131,0	133,7	+2,1	+0,1	16 704	17 521	+4,9	+817
Household appliances	1,2	118,4	135,5	+14,4	+0,2	7 018	8 189	+16,7	+1 171
Electrical machinery	2,7	98,6	104,5	+6,0	+0,2	18 606	22 514	+21,0	+3 908
Radio, television and communication apparatus and professional equipment	1,3	112,7	108,9	-3,4	-0,0	9 923	9 909	-0,1	-14
Radio, television and communication apparatus	0,7	91,7	94,0	+2,5	+0,0	5 090	5 344	+5,0	+254
Professional equipment	0,6	134,0	124,0	-7,5	-0,0	4 833	4 565	-5,6	-268
Motor vehicles, parts and accessories and other transport equipment	8,6	129,4	148,0	+14,4	+1,2	111 296	131 684	+18,3	+20 388
Motor vehicles	4,1	130,4	151,6	+16,3	+0,7	62 047	73 395	+18,3	+11 348
Bodies for motor vehicles, trailers and semi-trailers	0,4	153,7	186,3	+21,2	+0,1	4 995	5 904	+18,2	+909
Parts and accessories	3,1	136,6	155,4	+13,8	+0,4	36 558	44 033	+20,4	+7 475
Other transport equipment	1,0	93,2	95,5	+2,5	+0,0	7 695	8 353	+8,5	+658
Other manufacturing divisions	5,8	106,7	112,5	+5,4	+0,3	34 211	38 366	+12,1	+4 155
Furniture	1,6	130,1	140,8	+8,2	+0,1	8 334	9 302	+11,6	+968
Other manufacturing groups	4,2	97,9	101,9	+4,1	+0,2	25 877	29 065	+12,3	+3 188
<b>Total</b>	<b>100,0</b>	<b>113,4</b>	<b>118,7</b>	<b>+4,7</b>	<b>+4,7</b>	<b>703 730</b>	<b>790 734</b>	<b>+12,4</b>	<b>+87 004</b>

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 October 2006 was 85,3%. Improved response rate for September 2006 was 90,8%.
- 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](http://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](http://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

<b>Enterprise</b>	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.
<b>Index of physical volume of manufacturing production</b>	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.
<b>Industry</b>	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).
<b>Intermediate consumption</b>	Intermediate consumption includes - <ul style="list-style-type: none"><li>• purchases and transfers-in of materials;</li><li>• payments to other establishments for work done;</li><li>• other direct factory costs;</li><li>• rent and leasing paid;</li><li>• head office charges;</li><li>• royalties, copyright, trade names and patent rights paid;</li><li>• advertising;</li><li>• insurance premiums;</li><li>• services; and</li><li>• secretarial and administrative fees.</li></ul>
<b>Output</b>	Output is the aggregate value of goods manufactured and work done and includes - <ul style="list-style-type: none"><li>• sales and transfers-out of own manufactures, factory waste and stocks of factored goods;</li><li>• repairs;</li><li>• installation, erection and assembly;</li><li>• sundry trading revenue;</li><li>• sales of factored goods minus purchases of factored goods;</li><li>• rent and leasing received;</li><li>• royalties received;</li><li>• difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods;</li><li>• head office charges; and</li><li>• other revenue.</li></ul> Output excludes excise and customs duty paid.
<b>Value added</b>	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.
<b>Sales</b>	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.
<b>Turnover</b>	Turnover refers to - <ul style="list-style-type: none"><li>• the value of sales and transfers out of all own manufactured products/articles;</li><li>• amounts received for work done; and</li><li>• amounts received for services rendered.</li></ul>

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
<b>Food and beverages</b>	<b>16,4</b>	<b>15,3</b>
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
<b>Textiles, clothing, leather and footwear</b>	<b>5,4</b>	<b>7,8</b>
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
<b>Wood and wood products, paper, publishing and printing</b>	<b>11,0</b>	<b>11,4</b>
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
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>22,5</b>	<b>19,3</b>
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
<b>Glass and non-metallic mineral products</b>	<b>3,9</b>	<b>4,5</b>
Glass and glass products	1,1	1,0
Non-metallic mineral products	2,9	3,5
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>22,4</b>	<b>23,6</b>
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
<b>Electrical machinery</b>	<b>2,7</b>	<b>3,4</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>1,3</b>	<b>1,5</b>
Radio, television and communication apparatus	0,7	1,0
Professional equipment	0,6	0,5
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>8,6</b>	<b>9,1</b>
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
<b>Other manufacturing divisions</b>	<b>5,8</b>	<b>4,1</b>
Furniture	1,6	1,6
Other manufacturing groups	4,2	2,6
<b>Total</b>	<b>100,0</b>	<b>100,0</b>

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### Enquiries

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Fax number:	(012) 310 8664 (technical enquiries)
Email address:	Teresam@statssa.gov.za (technical enquiries) <a href="mailto:info@statssa.gov.za">info@statssa.gov.za</a> (user information services) distribution@statssa.gov.za (orders)
Postal address:	Private Bag X44, Pretoria, 0001

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