

Manufacturing: Production and sales

Preliminary: June 2006

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

Estimates	June 2006	% change between June 2005 and June 2006	% change between April to June 2005 and April to June 2006	% change between January to June 2005 and January to June 2006
Physical volume of manufacturing production index (2000=100)	121,3	+6,1	+3,9	+4,5
Total value of sales of manufactured products (R million)	81 327	+14,2	+9,5	+9,8

Seasonally adjusted estimates	June 2006	% change between May and June 2006	% change between January to March 2006 and April to June 2006
Physical volume of manufacturing production index (2000=100)	120,5	+1,7	+1,5
Total value of sales of manufactured products (R million)	80 317	+3,5	+4,0

Key findings regarding manufacturing production and sales for June 2006

Manufacturing production increases

The estimated manufacturing production for the first six months of 2006 increased by 4,5% compared with the first six months of 2005. Higher production levels were reported by eight of the ten manufacturing divisions. In addition, the estimated seasonally adjusted manufacturing production for the second quarter of 2006 increased by 1,5% compared with the first quarter of 2006, which is lower than the growth of 2,9% reported during the same period in 2005. Higher production levels were reported by eight of the ten manufacturing divisions.

The manufacturing divisions with the largest contribution to the year on year increase between January to June 2005 and January to June 2006, were the motor vehicles, parts and accessories and transport equipment division (contributing +1,5 percentage points), the basic iron and steel, non-ferrous metal products, metal products and machinery (contributing +1,0 percentage point), the divisions wood products, paper, publishing and printing and the ‘other’ manufacturing divisions (each contributing +0,5 of a percentage point), petroleum, chemical products, rubber and plastic products division (contributing +0,4 of a percentage point), glass and non-metallic mineral products division (contributing +0,3 of a percentage point) and the food and beverages division (contributing +0,2 of a percentage point) (see Table 8).

The major contributors to the seasonally adjusted increase of 1,5% in total manufacturing production for the second quarter of 2006 compared with the first quarter of 2006 were the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing +0,8 of a percentage point), petroleum, chemical products, rubber and plastic products division (contributing +0,3 of a percentage point), food and beverages (contributing +0,2 of a percentage point) and the divisions textiles, clothing, leather and footwear, wood and wood products, paper, publishing and printing and electrical machinery (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

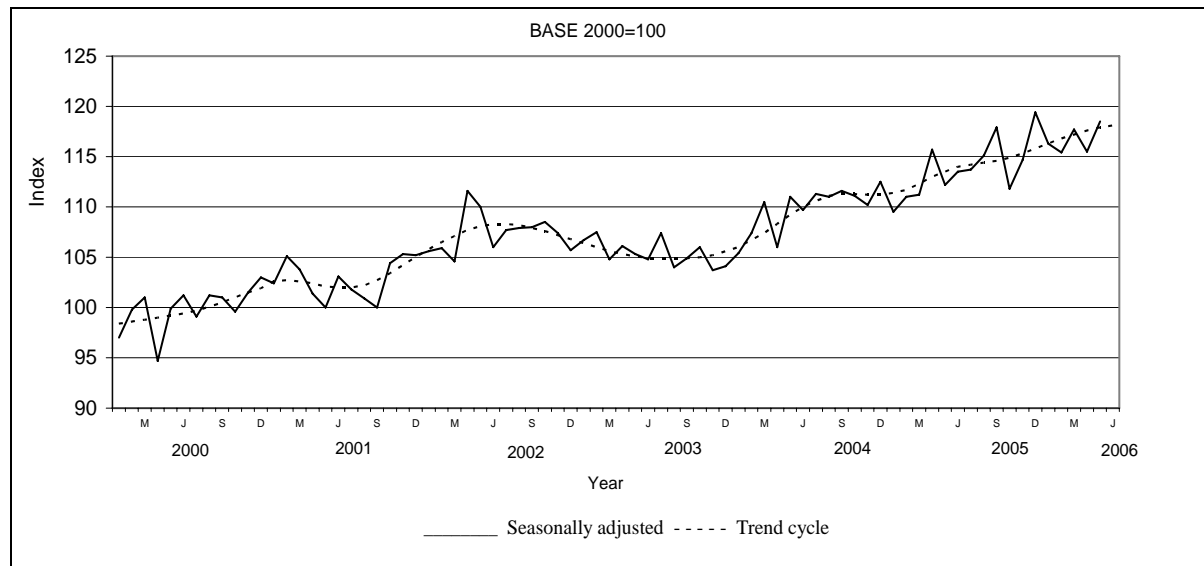
(Base 2000=100)

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 January to March 2006	Average seasonally adjusted production index for April to June 2006	Quarterly percentage change of April to June 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	117,6	119,4	+1,5	+0,2
Food and food products	12,1	111,7	113,9	+2,0	+0,2
Beverages	4,3	134,0	134,7	+0,5	+0,0
Textiles, clothing, leather and footwear	5,4	98,0	99,5	+1,5	+0,1
Textiles	2,4	98,3	97,4	-0,9	-0,0
Wearing apparel	2,3	100,1	104,4	+4,3	+0,1
Leather and leather products	0,3	101,4	100,6	-0,8	-0,0
Footwear	0,4	82,7	85,2	+3,0	+0,0
Wood, paper, publish and printing	11,0	112,0	112,6	+0,5	+0,1
Wood and products of wood	1,7	118,4	123,5	+4,3	+0,1
Paper and paper products	4,8	106,4	108,9	+2,3	+0,1
Publishing and printing	4,6	115,3	112,2	-2,7	-0,1
Petroleum, chemical products, rubber and plastic products	22,5	113,1	114,8	+1,5	+0,3
Coke, petroleum products and nuclear fuel	9,1	101,2	99,1	-2,1	-0,2
Basic chemicals	4,0	115,7	121,5	+5,0	+0,2
Other chemical products	5,4	125,3	128,2	+2,3	+0,1
Rubber products	1,1	84,5	86,3	+2,1	+0,0
Plastic products	3,0	135,1	140,9	+4,3	+0,1
Glass and non-metallic mineral products	3,9	127,1	125,1	-1,6	-0,1
Glass and glass products	1,1	145,9	151,0	+3,5	+0,0
Non-metallic mineral products	2,9	120,1	115,5	-3,8	-0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	116,4	120,5	+3,5	+0,8
Basic iron and steel products	5,5	105,7	109,2	+3,3	+0,2
Basic precious, non-ferrous metal products	4,7	118,9	120,0	+0,9	+0,0
Fabricated metal products	5,5	118,1	121,4	+2,8	+0,2
Machinery and equipment	6,7	122,4	129,8	+6,0	+0,4
Electrical machinery	2,7	98,9	101,2	+2,3	+0,1
Radio, television and communication apparatus and professional equipment	1,3	106,1	107,4	+1,2	+0,0
Radio, television and communication apparatus	0,7	81,2	98,6	+21,4	+0,1
Professional equipment	0,6	131,3	116,3	-11,4	-0,1
Motor vehicles, parts and accessories and other transport equipment	8,6	144,4	145,0	+0,4	+0,0
Motor vehicles, trailers, parts and accessories	7,6	151,8	150,7	-0,7	-0,1
Other transport equipment	1,0	87,3	101,1	+15,8	+0,2
Furniture and other manufacturing division	5,8	114,8	112,3	-2,2	-0,1
Furniture	1,6	134,6	141,5	+5,1	+0,1
Other manufacturing groups	4,2	107,4	101,2	-5,8	-0,2
Total	100,0	116,5	118,2	+1,5	+1,5

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 June 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 second quarter of 2006 increased by 4,0% (+R8 965 million), after seasonal adjustment, compared with the first quarter of 2006. Higher manufacturing sales were reported by all ten manufacturing divisions during this period (see Table C). The value of sales of manufactured products at current prices for the second quarter of 2006 was 9,5% higher than for the second quarter of 2005 (see Table D).

The seasonally adjusted increase of 4,0% in the total value of sales of manufactured products at current prices for the second quarter of 2006 compared with the first quarter of 2006 was mainly due to increases reported for electrical machinery division (+7,7% or +R414 million), basic iron and steel, non-ferrous metal products, metal products and machinery division (+7,1% or +R3 117 million), petroleum, chemical products, rubber and plastic products division (+4,1% or +R1 872 million), food and beverages division (+3,9% or +R1 545 million), motor vehicles, parts and accessories and other transport equipment division (+2,6% or +R987 million), wood and wood products, paper, publishing and printing division (+2,3% or +R458 million) and textiles, clothing, leather and footwear division (+2,1% or +R206 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 January to March 2006	Seasonally adjusted sales April to June 2006	Percentage change between January to March 2006 and April to June 2006	Difference in seasonally adjusted sales of manufacturing divisions between January to March 2006 and April to June 2006
	R'000	R'000		R'000
Food and beverages	39 694 478	41 239 062	+3,9	1 544 584
Food and food products	29 653 617	30 619 802	+3,3	966 185
Beverages	10 040 859	10 619 258	+5,8	578 399
Textiles, clothing, leather and footwear	9 871 198	10 077 361	+2,1	206 163
Textiles	4 363 960	4 388 140	+0,6	24 180
Wearing apparel	3 645 690	3 810 037	+4,5	164 347
Leather and leather products	1 148 340	1 161 146	+1,1	12 806
Footwear	713 208	718 037	+0,7	4 829
Wood,paper,publish and printing	19 917 931	20 376 188	+2,3	458 257
Wood and products of wood	4 068 175	4 305 799	+5,8	237 624
Paper and paper products	8 546 230	8 801 557	+3,0	255 327
Publishing and printing	7 303 524	7 268 831	-0,5	-34 693
Petroleum, chemical products, rubber and plastic products	45 236 481	47 108 472	+4,1	1 871 991
Coke, petroleum products and nuclear fuel	16 188 862	17 079 708	+5,5	890 846
Basic chemicals	9 263 805	9 593 352	+3,6	329 547
Other chemical products	11 924 074	12 174 590	+2,1	250 516
Rubber products	1 980 990	2 014 890	+1,7	33 900
Plastic products	5 878 749	6 245 933	+6,2	367 184
Glass and non-metallic mineral products	6 818 452	6 899 647	+1,2	81 195
Glass and glass products	1 219 456	1 277 534	+4,8	58 078
Non-metallic mineral products	5 598 998	5 622 112	+0,4	23 114
Basic iron and steel, non-ferrous metal products, metal products and machinery	43 774 920	46 891 865	+7,1	3 116 945
Basic iron and steel products	13 902 336	15 329 885	+10,3	1 427 549
Basic precious, non-ferrous metal products	6 474 219	7 346 314	+13,5	872 095
Fabricated metal products	10 914 317	11 246 277	+3,0	331 960
Machinery and equipment	12 484 048	12 969 388	+3,9	485 340
Electrical machinery	5 361 821	5 775 433	+7,7	413 612
Radio, television and communication apparatus and professional equipment	2 754 765	2 814 236	+2,2	59 471
Radio, television and communication apparatus	1 425 235	1 616 727	+13,4	191 492
Professional equipment	1 329 532	1 197 509	-9,9	-132 023
Motor vehicles, parts and accessories and other transport equipment	38 044 296	39 031 787	+2,6	987 491
Motor vehicles, trailers, parts and accessories	35 907 871	36 584 233	+1,9	676 362
Other transport equipment	2 136 424	2 447 553	+14,6	311 129
Furniture and other manufacturing division	11 088 914	11 314 284	+2,0	225 370
Furniture	2 674 988	2 796 264	+4,5	121 276
Other manufacturing groups	8 413 925	8 518 019	+1,2	104 094
Total	222 563 257	231 528 333	+4,0	8 965 076

The major contributors to the increase of 9,5% in sales of manufactured products at current prices for the second quarter of 2006 compared with the second quarter of 2005 were the motor vehicles, parts and accessories and other transport equipment (+2,4 percentage points or +R4 996 million), petroleum, chemical products, rubber and plastic products (+2,2 percentage points or +R4 537 million), basic iron and steel, non-ferrous metal products, metal products and machinery (+1,5 percentage points or +R3 116 million), food and beverages (+1,4 percentage points or +R2 971 million), wood and wood products, paper, publishing and printing (+0,6 of a percentage point or +R1 302 million), furniture and 'other manufacturing' divisions (+0,6 of a percentage point or +R1 272 million), electrical machinery (+0,4 of a percentage point or +R798 million), glass and non-metallic mineral products (+0,2 of a percentage point or +R509 million) and textiles, clothing, leather and footwear (+0,2 of a percentage point or +R366 million) divisions (see Table D).

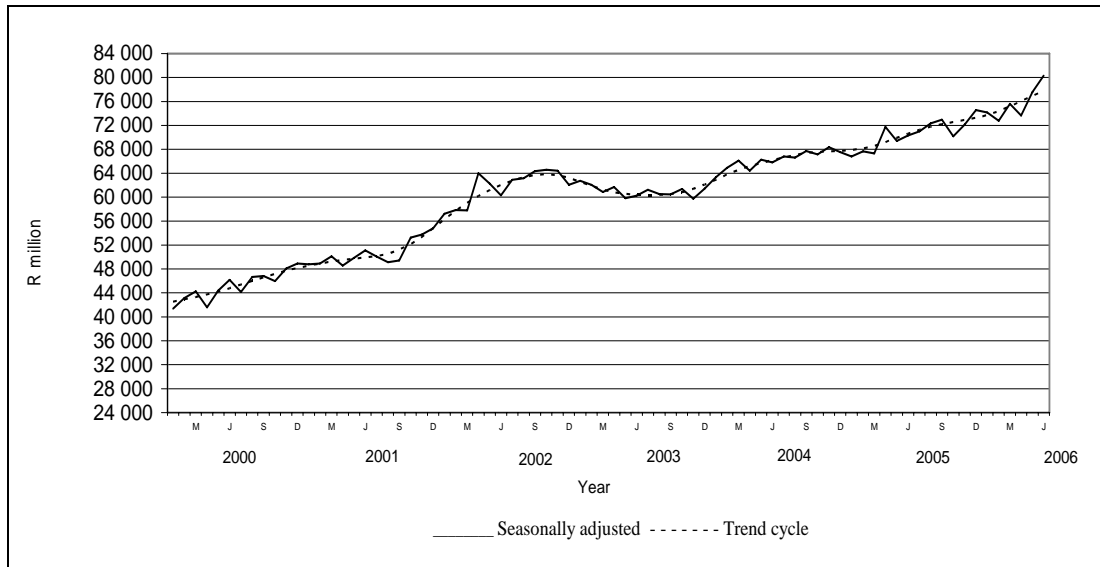
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products April to June 2005	Percentage change between April to June 2005 and April to June 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 April to June 2005 and April to June 2006
				R '000
Food and beverages	17,7	+8,0	+1,4	2 971 276
Food and food products	13,6	+6,8	+0,9	1 939 682
Beverages	4,1	+12,1	+0,5	1 031 594
Textiles, clothing, leather and footwear	4,6	+3,8	+0,2	365 860
Textiles	2,1	+3,2	+0,1	137 620
Wearing apparel	1,7	+4,9	+0,1	171 071
Leather and leather products	0,5	+2,6	+0,0	30 095
Footwear	0,3	+4,2	+0,0	27 074
Wood, paper, publish and printing	9,1	+6,8	+0,6	1 301 514
Wood and products of wood	1,9	+9,1	+0,2	364 937
Paper and paper products	3,9	+6,2	+0,2	514 014
Publishing and printing	3,2	+6,2	+0,2	422 563
Petroleum, chemical products, rubber and plastic products	20,1	+10,8	+2,2	4 537 037
Coke, petroleum products and nuclear fuel	6,8	+20,0	+1,4	2 867 436
Basic chemicals	4,2	+5,9	+0,2	520 258
Other chemical products	5,5	+4,8	+0,3	549 582
Rubber products	1,0	-2,9	-0,0	-61 881
Plastic products	2,6	+12,2	+0,3	661 642
Glass and non-metallic mineral products	3,1	+8,0	+0,2	508 510
Glass and glass products	0,5	+13,0	+0,1	139 304
Non-metallic mineral products	2,5	+6,9	+0,2	369 206
Basic iron and steel, non-ferrous metal products, metal products and machinery	21,1	+7,1	+1,5	3 115 502
Basic iron and steel products	7,6	+0,1	+0,0	17 969
Basic precious, non-ferrous metal products	2,8	+24,2	+0,7	1 433 183
Fabricated metal products	4,9	+10,1	+0,5	1 038 986
Machinery and equipment	5,7	+5,3	+0,3	625 364
Electrical machinery	2,4	+15,8	+0,4	798 239
Radio, television and communication apparatus and professional equipment	1,3	+0,3	+0,0	9 333
Radio, television and communication apparatus	0,7	+8,4	+0,1	120 795
Professional equipment	0,6	-8,3	-0,0	-111 462
Motor vehicles, parts and accessories and other transport equipment	16,0	+14,9	+2,4	4 995 964
Motor vehicles, trailers, parts and accessories	14,9	+15,3	+2,3	4 782 414
Other transport equipment	1,0	+9,8	+0,1	213 550
Furniture and other manufacturing division	4,7	+13,0	+0,6	1 271 891
Furniture	1,2	+10,7	+0,1	264 357
Other manufacturing groups	3,5	+13,8	+0,5	1 007 534
Total	100,0	+9,5	+9,5	19 875 126

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 June 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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Notes

Forthcoming issues	Issue	Expected release date
	July 2006	12 September 2006
Purpose of the survey	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	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.	
Response rate	The preliminary response rate for the survey on manufacturing production and sales for June 2006 was 78,8%. Improved response rate for May 2006 was 81,4%.	
Changes in the forthcoming release	This is the last statistical release based on the sample drawn in 2005. The next statistical release for July 2006 will be based on the new sample drawn in April 2006 and is due to be published on 12 September 2006.	

Detailed tables

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

Month	2000	2001	2002	2003	2004	2005	2006
Actual indices							
J	85,2	91,1	93,7	94,4	93,1	96,2	101,8
F	98,7	102,7	103,6	104,3	103,6	106,3	* 110,2
M	104,8	106,8	108,2	108,4	114,1	114,9	121,5
A	89,0	95,3	104,4	100,0	100,3	109,2	1/ 109,2
M	99,9	100,2	110,3	105,7	111,6	112,7	1/ 119,0
J	102,1	104,0	106,7	105,3	110,5	114,3	1/ 121,3
J	100,1	102,8	108,8	108,7	113,0	115,5	
A	102,5	102,3	109,8	106,3	113,7	118,1	
S	104,8	103,1	111,4	108,7	116,0	122,8	
O	109,8	114,9	119,6	116,7	122,5	123,4	
N	113,6	117,6	119,8	114,9	122,3	127,2	
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	105,8	107,0	105,4	109,5	116,3
F	99,8	105,1	105,9	107,7	107,4	111,0	115,4
M	100,9	103,8	104,6	104,9	110,5	111,2	117,7
A	94,8	101,5	111,8	106,5	106,0	115,7	115,5
M	100,0	100,0	110,0	105,4	111,0	112,2	118,5
J	101,2	103,1	105,9	104,7	109,7	113,5	120,5
J	99,0	101,6	107,4	107,1	111,3	113,7	
A	101,2	100,9	107,7	103,9	111,0	115,1	
S	101,1	100,0	107,9	104,9	111,6	117,9	
O	99,5	104,3	108,6	106,0	111,1	111,8	
N	101,5	105,3	107,5	103,7	110,2	114,7	
D	103,0	105,0	105,4	103,4	112,5	119,4	

* Revised.
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	+5,8
F	.	+4,1	+0,9	+0,7	-0,7	+2,6	+3,7
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	+1,0	+5,6
J	.	+1,9	+2,6	-1,3	+4,9	+3,4	+6,1
J	.	+2,7	+5,8	-0,1	+4,0	+2,2	
A	.	-0,2	+7,3	-3,2	+7,0	+3,9	
S	.	-1,6	+8,1	-2,4	+6,7	+5,9	
O	.	+4,6	+4,1	-2,4	+5,0	+0,7	
N	.	+3,5	+1,9	-4,1	+6,4	+4,0	
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		
			June 2005	1/	1/	June 2005	May 2006	June 2006
				May	June			
				2006				
Food and beverages	16,4	118,7	119,9	117,1	114,8	120,0	118,9	115,9
Meat, fish, fruit etc.	2,6	127,7	127,6	128,7	121,8	128,2	125,8	122,5
Dairy products	1,1	103,3	91,1	99,3	104,2	100,9	109,2	115,5
Grain mill products	1,5	123,4	124,1	129,1	126,8	120,9	126,0	123,4
Other food products	6,8	106,6	121,5	110,5	108,9	110,4	108,6	99,5
Beverages	4,3	134,6	118,9	121,1	118,5	135,0	130,8	135,1
Textiles, clothing, leather and footwear	5,4	98,0	96,4	100,1	102,4	97,3	98,7	103,0
Textiles	1,2	81,3	83,9	78,5	88,0	79,4	72,3	83,1
Other textile products	1,2	117,2	115,8	122,8	132,6	113,3	118,9	129,4
Knitted, crocheted articles	0,3	77,3	82,2	90,7	79,1	77,2	79,6	74,3
Wearing apparel	2,0	104,2	96,1	104,2	100,4	104,1	108,4	108,2
Leather and leather products	0,3	100,0	109,5	106,6	106,2	105,1	100,1	101,2
Footwear	0,4	79,4	81,2	83,6	85,5	82,2	87,5	86,4
Wood and wood products, paper, publishing and printing	11,0	109,0	109,0	113,8	115,5	107,0	112,6	113,5
Sawmilling and planing of wood	0,7	113,3	118,2	113,1	121,9	111,3	112,6	114,7
Products of wood	1,0	124,6	135,5	134,3	142,7	127,7	128,8	133,9
Paper and paper products	4,8	104,1	106,8	108,3	110,9	102,0	109,3	105,9
Publishing	2,4	107,3	104,4	114,3	112,9	103,2	113,9	111,4
Printing, recorded media	2,1	113,1	104,0	115,9	113,8	111,4	110,7	122,7
Petroleum, chemical products, rubber and plastic products	22,5	113,3	113,0	116,4	117,0	113,5	115,5	117,3
Coke, petroleum products, and nuclear fuel	9,1	103,1	108,8	100,5	99,8	108,2	100,5	99,2
Basic chemicals	4,0	113,5	111,0	117,1	124,6	113,9	119,1	127,7
Other chemical products	5,4	125,7	122,4	130,3	132,1	123,3	128,8	132,9
Rubber products	1,1	93,7	75,0	96,8	92,6	71,1	86,7	87,1
Plastic products	3,0	129,2	126,4	147,0	141,7	127,5	143,5	142,7
Glass and non-metallic mineral products	3,9	122,9	131,0	126,9	133,1	124,5	126,9	126,6
Glass and glass products	1,1	137,9	151,1	146,5	164,9	145,7	157,9	158,6
Non-metallic mineral products	2,9	117,3	123,5	119,6	121,3	116,6	115,4	114,6
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	113,1	119,8	125,4	111,1	119,6	123,4
Basic iron and steel products	5,5	103,7	99,3	106,4	113,0	100,5	106,7	114,7
Non-ferrous metal products	4,7	109,9	109,7	119,8	116,6	110,1	117,5	117,3
Structural metal products	1,3	116,1	117,1	126,4	135,1	105,5	115,9	120,6
Other fabricated metal product	4,2	112,6	112,3	122,3	133,7	108,6	121,4	129,2
General purpose machinery	2,4	114,1	128,8	111,6	119,1	120,8	109,1	110,9
Special purpose machinery	3,2	130,6	128,0	134,0	134,0	127,3	142,7	134,0
Household appliances	1,2	120,5	119,6	146,5	169,2	119,3	148,2	168,4
Electrical machinery	2,7	97,8	99,8	104,8	111,2	95,4	102,3	106,2
Radio, television and communication apparatus and professional equipment	1,3	113,3	120,8	104,5	113,5	116,9	110,6	109,4
Radio, television and communication apparatus	0,7	92,7	99,0	87,3	105,0	97,8	103,1	102,4
Professional equipment	0,6	134,2	142,9	122,0	122,1	136,3	118,3	116,5
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	130,8	154,5	152,1	130,5	149,7	150,6
Motor vehicles	4,1	129,3	134,6	156,5	156,7	131,6	151,8	152,2
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	149,2	186,4	192,5	137,4	174,5	177,1
Parts and accessories	3,1	135,8	134,7	166,7	151,7	139,6	160,6	155,8
Other transport equipment	1,0	91,7	95,5	95,8	118,7	94,4	97,2	117,6
Other manufacturing divisions	5,8	108,0	104,6	110,6	122,5	106,3	112,0	124,7
Furniture	1,6	132,5	129,4	145,1	144,0	128,2	141,2	142,9
Other manufacturing groups	4,2	98,7	95,2	97,5	114,3	98,0	101,0	117,8
Total	100,0	113,8	114,3	119,0	121,3	113,5	118,5	120,5

1/ Preliminary.

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

Manufacturing divisions and major groups	Weights	Year 2005	Indices			Seasonally adjusted indices		
			June 2005	1/ June 2006	Percentage difference between June 2005 and June 2006	May 2006	June 2006	Percentage difference between May and June 2006
Food and beverages	16,4	118,7	119,9	114,8	-4,3	118,9	115,9	-2,5
Meat, fish, fruit etc.	2,6	127,7	127,6	121,8	-4,5	125,8	122,5	-2,6
Dairy products	1,1	103,3	91,1	104,2	+14,4	109,2	115,5	+5,8
Grain mill products	1,5	123,4	124,1	126,8	+2,2	126,0	123,4	-2,1
Other food products	6,8	106,6	121,5	108,9	-10,4	108,6	99,5	-8,4
Beverages	4,3	134,6	118,9	118,5	-0,3	130,8	135,1	+3,3
Textiles, clothing, leather and footwear	5,4	98,0	96,4	102,4	+6,2	98,7	103,0	+4,4
Textiles	1,2	81,3	83,9	88,0	+4,9	72,3	83,1	+14,9
Other textile products	1,2	117,2	115,8	132,6	+14,5	118,9	129,4	+8,8
Knitted, crocheted articles	0,3	77,3	82,2	79,1	-3,8	79,6	74,3	-6,7
Wearing apparel	2,0	104,2	96,1	100,4	+4,5	108,4	108,2	-0,2
Leather and leather products	0,3	100,0	109,5	106,2	-3,0	100,1	101,2	+1,1
Footwear	0,4	79,4	81,2	85,5	+5,3	87,5	86,4	-1,3
Wood and wood products, paper, publishing and printing	11,0	109,0	109,0	115,5	+6,0	112,6	113,5	+0,8
Sawmilling and planing of wood	0,7	113,3	118,2	121,9	+3,1	112,6	114,7	+1,9
Products of wood	1,0	124,6	135,5	142,7	+5,3	128,8	133,9	+4,0
Paper and paper products	4,8	104,1	106,8	110,9	+3,8	109,3	105,9	-3,1
Publishing	2,4	107,3	104,4	112,9	+8,1	113,9	111,4	-2,2
Printing, recorded media	2,1	113,1	104,0	113,8	+9,4	110,7	122,7	+10,8
Petroleum, chemical products, rubber and plastic products	22,5	113,3	113,0	117,0	+3,5	115,5	117,3	+1,6
Coke, petroleum products and nuclear fuel	9,1	103,1	108,8	99,8	-8,3	100,5	99,2	-1,3
Basic chemicals	4,0	113,5	111,0	124,6	+12,3	119,1	127,7	+7,2
Other chemical products	5,4	125,7	122,4	132,1	+7,9	128,8	132,9	+3,2
Rubber products	1,1	93,7	75,0	92,6	+23,5	86,7	87,1	+0,5
Plastic products	3,0	129,2	126,4	141,7	+12,1	143,5	142,7	-0,6
Glass and non-metallic mineral products	3,9	122,9	131,0	133,1	+1,6	126,9	126,6	-0,2
Glass and glass products	1,1	137,9	151,1	164,9	+9,1	157,9	158,6	+0,4
Non-metallic mineral products	2,9	117,3	123,5	121,3	-1,8	115,4	114,6	-0,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	113,1	113,1	125,4	+10,9	119,6	123,4	+3,2
Basic iron and steel products	5,5	103,7	99,3	113,0	+13,8	106,7	114,7	+7,5
Non-ferrous metal products	4,7	109,9	109,7	116,6	+6,3	117,5	117,3	-0,2
Structural metal products	1,3	116,1	117,1	135,1	+15,4	115,9	120,6	+4,1
Other fabricated metal product	4,2	112,6	112,3	133,7	+19,1	121,4	129,2	+6,4
General purpose machinery	2,4	114,1	128,8	119,1	-7,5	109,1	110,9	+1,6
Special purpose machinery	3,2	130,6	128,0	134,0	+4,7	142,7	134,0	-6,1
Household appliances	1,2	120,5	119,6	169,2	+41,5	148,2	168,4	+13,6
Electrical machinery	2,7	97,8	99,8	111,2	+11,4	102,3	106,2	+3,8
Radio, television and communication apparatus and professional equipment	1,3	113,3	120,8	113,5	-6,0	110,6	109,4	-1,1
Radio, television and communication apparatus	0,7	92,7	99,0	105,0	+6,1	103,1	102,4	-0,7
Professional equipment	0,6	134,2	142,9	122,1	-14,6	118,3	116,5	-1,5
Motor vehicles, parts and accessories and other transport equipment	8,6	128,5	130,8	152,1	+16,3	149,7	150,6	+0,6
Motor vehicles	4,1	129,3	134,6	156,7	+16,4	151,8	152,2	+0,3
Bodies for motor vehicles, trailers and semi-trailers	0,4	156,0	149,2	192,5	+29,0	174,5	177,1	+1,5
Parts and accessories	3,1	135,8	134,7	151,7	+12,6	160,6	155,8	-3,0
Other transport equipment	1,0	91,7	95,5	118,7	+24,3	97,2	117,6	+21,0
Other manufacturing divisions	5,8	108,0	104,6	122,5	+17,1	112,0	124,7	+11,3
Furniture	1,6	132,5	129,4	144,0	+11,3	141,2	142,9	+1,2
Other manufacturing groups	4,2	98,7	95,2	114,3	+20,1	101,0	117,8	+16,6
Total	100,0	113,8	114,3	121,3	+6,1	118,5	120,5	+1,7

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	34 427 494	41 043 695	48 213 334	52 881 892	53 577 205	56 470 478	62 755 467
F	41 984 311	47 559 661	56 319 773	60 374 141	62 575 341	65 023 085	* 69 830 605
M	46 246 977	52 200 984	59 926 973	62 739 099	67 969 216	69 178 438	77 577 880
A	39 304 965	45 876 551	60 441 376	58 657 547	61 211 805	68 029 954	1/ 69 638 458
M	44 574 471	50 181 467	62 683 501	60 262 799	66 815 480	69 947 413	1/ 78 101 790
J	47 081 382	52 042 802	61 135 948	60 811 763	66 561 396	71 215 228	1/ 81 327 473
J	44 015 506	49 989 523	62 877 019	61 398 195	67 177 893	71 531 776	
A	47 373 593	49 928 171	64 210 548	61 531 966	67 929 570	73 867 868	
S	48 468 742	51 099 123	66 577 439	62 900 284	70 906 521	76 576 128	
O	50 720 639	58 609 152	71 025 253	67 504 463	73 526 006	76 815 301	
N	53 508 142	59 846 533	71 503 335	66 340 128	75 806 307	80 181 440	
D	44 778 462	50 601 063	56 979 458	56 066 970	61 891 950	68 167 899	
Year	542 484 684	608 978 725	741 893 957	731 469 247	795 948 690	847 005 008	
Seasonally adjusted values							
J	41 369 913	48 762 855	57 182 307	62 655 107	63 309 267	66 810 545	74 176 638
F	43 152 405	48 934 350	57 921 465	62 297 555	64 870 639	67 668 726	72 783 592
M	44 266 176	50 092 382	57 733 825	60 792 363	66 109 096	67 303 061	75 603 027
A	41 601 829	48 612 694	64 128 147	61 983 987	64 396 360	71 740 129	73 628 720
M	44 389 773	49 857 806	62 213 431	59 810 397	66 281 420	69 410 390	77 582 220
J	46 143 881	51 100 947	60 233 348	60 140 870	65 826 303	70 328 250	80 317 393
J	44 138 426	50 095 418	62 857 184	61 254 252	66 803 380	70 982 140	
A	46 656 863	49 144 731	63 115 617	60 431 272	66 613 748	72 330 454	
S	46 817 630	49 388 281	64 160 996	60 306 081	67 731 963	72 970 418	
O	45 975 868	53 246 245	64 692 802	61 511 206	67 148 653	70 170 729	
N	48 090 894	53 766 950	64 416 324	59 687 852	68 383 044	72 135 617	
D	48 900 729	54 805 885	62 066 026	61 247 137	67 502 804	74 565 610	

* Revised.
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	..	+19,2	+17,5	+9,7	+1,3	+5,4	+11,1
F	..	+13,3	+18,4	+7,2	+3,6	+3,9	+7,4
M	..	+12,9	+14,8	+4,7	+8,3	+1,8	+12,1
A	..	+16,7	+31,7	-3,0	+4,4	+11,1	+2,4
M	..	+12,6	+24,9	-3,9	+10,9	+4,7	+11,7
J	..	+10,5	+17,5	-0,5	+9,5	+7,0	+14,2
J	..	+13,6	+25,8	-2,4	+9,4	+6,5	
A	..	+5,4	+28,6	-4,2	+10,4	+8,7	
S	..	+5,4	+30,3	-5,5	+12,7	+8,0	
O	..	+15,6	+21,2	-5,0	+8,9	+4,5	
N	..	+11,8	+19,5	-7,2	+14,3	+5,8	
D	..	+13,0	+12,6	-1,6	+10,4	+10,1	
Year	.	+12,3	+21,8	-1,4	+8,8	+6,4	

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		
		June		1/ May		1/ June		June	May	June
		2005		2006		2006		2005	2006	
Food and beverages	153 498 313	12 329 197	13 463 437	13 714 097	12 624 791	13 826 760	14 070 739			
Meat, fish, fruit etc.	35 850 560	2 969 402	3 149 526	3 096 853	2 963 987	3 082 404	3 088 866			
Dairy products	12 974 474	970 993	1 143 666	1 137 006	1 053 330	1 196 657	1 232 781			
Grain mill products	24 925 750	2 053 158	2 251 123	2 239 881	2 014 977	2 232 827	2 197 208			
Other food products	40 542 063	3 444 299	3 791 712	3 917 519	3 360 840	3 853 960	3 835 459			
Beverages	39 205 466	2 891 345	3 127 410	3 322 838	3 231 657	3 460 911	3 716 425			
Textiles, clothing, leather and footwear	38 738 665	3 107 966	3 422 337	3 408 094	3 177 777	3 370 572	3 481 020			
Textiles	6 292 712	535 540	515 102	549 876	515 695	473 333	528 968			
Other textile products	10 885 186	891 829	1 030 755	1 037 334	882 436	1 001 248	1 024 952			
Knitted, crocheted articles	1 686 732	142 546	166 871	152 095	131 502	142 753	140 713			
Wearing apparel	12 773 112	928 628	1 079 433	1 027 303	1 035 801	1 124 824	1 143 223			
Leather and leather products	4 438 623	389 028	397 678	404 962	379 182	387 295	393 792			
Footwear	2 662 300	220 395	232 498	236 524	233 161	241 119	249 372			
Wood and wood products, paper, publishing and printing	76 805 213	6 513 928	7 005 108	7 127 978	6 300 281	6 861 063	6 891 872			
Sawmilling and planing of wood	4 023 371	355 791	366 648	388 256	337 402	353 465	366 847			
Products of wood	11 895 172	1 078 523	1 127 986	1 194 707	1 014 113	1 089 810	1 117 775			
Paper and paper products	33 221 695	2 889 410	3 003 850	3 065 672	2 719 222	2 963 655	2 885 877			
Publishing	12 112 206	978 246	1 100 083	1 114 324	958 245	1 099 281	1 090 248			
Printing, recorded media	15 552 769	1 211 958	1 406 541	1 365 019	1 271 300	1 354 851	1 431 124			
Petroleum, chemical products, rubber and plastic products	170 118 397	14 011 319	16 117 730	16 221 408	14 103 235	15 935 739	16 293 622			
Coke, petroleum products, and nuclear fuel	57 696 582	4 550 070	6 001 502	5 866 618	4 616 294	5 794 506	5 952 714			
Basic chemicals	34 963 687	3 106 512	3 216 780	3 456 327	3 087 943	3 252 544	3 411 197			
Other chemical products	46 275 887	3 786 468	4 131 222	4 094 479	3 843 514	4 130 000	4 141 770			
Rubber products	8 489 850	733 839	679 132	722 730	692 474	657 239	679 275			
Plastic products	22 692 391	1 834 430	2 089 094	2 081 254	1 863 009	2 101 451	2 108 667			
Glass and non-metallic mineral products	25 708 507	2 259 515	2 392 351	2 421 572	2 145 701	2 345 756	2 301 811			
Glass and glass products	4 537 546	389 743	409 671	432 149	388 271	441 590	428 468			
Non-metallic mineral products	21 170 961	1 869 772	1 982 680	1 989 423	1 757 430	1 904 166	1 873 342			
Basic iron and steel, non-ferrous metal products, metal products and machinery	172 109 761	15 006 611	15 963 432	17 114 049	14 435 331	15 611 483	16 479 552			
Basic iron and steel products	57 886 276	5 311 400	5 354 736	5 860 392	5 067 496	5 009 089	5 582 995			
Non-ferrous metal products	24 070 957	1 975 370	2 533 742	2 576 651	1 919 125	2 500 063	2 514 873			
Structural metal products	13 164 368	1 128 946	1 210 389	1 259 175	1 036 576	1 120 281	1 144 497			
Other fabricated metal product	28 277 891	2 360 929	2 628 652	2 849 236	2 327 308	2 630 933	2 791 965			
General purpose machinery	17 837 796	1 665 472	1 466 309	1 589 835	1 551 713	1 448 088	1 479 981			
Special purpose machinery	20 776 381	1 743 702	1 740 558	1 797 379	1 713 255	1 887 296	1 789 017			
Household appliances	10 096 092	820 792	1 029 046	1 181 381	819 857	1 015 733	1 176 222			
Electrical machinery	20 183 146	1 742 826	2 056 290	2 119 666	1 668 716	1 985 637	2 036 493			
Radio, television and communication apparatus and professional equipment	11 542 033	1 025 190	933 942	1 004 789	955 282	998 004	931 693			
Radio, television and communication apparatus	6 148 981	554 375	513 956	578 284	509 551	604 648	528 257			
Professional equipment	5 393 052	470 815	419 986	426 505	445 731	393 356	403 436			
Motor vehicles, parts and accessories and other transport equipment	137 870 382	11 932 748	13 059 089	14 241 170	11 552 098	13 000 573	13 763 526			
Motor vehicles	74 426 017	6 488 161	6 791 827	7 503 630	6 208 075	6 843 647	7 187 119			
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	539 248	593 759	624 908	519 404	579 960	594 237			
Parts and accessories	48 612 826	4 151 795	4 883 342	5 124 127	4 104 680	4 791 069	5 037 840			
Other transport equipment	8 695 825	753 544	790 161	988 505	719 939	785 897	944 330			
Other manufacturing divisions	40 430 591	3 285 928	3 688 074	3 954 650	3 365 039	3 646 634	4 067 066			
Furniture	10 312 926	854 241	968 603	947 452	843 995	941 130	937 115			
Other manufacturing groups	30 117 665	2 431 687	2 719 471	3 007 198	2 521 044	2 705 505	3 129 951			
Total	847 005 008	71 215 228	78 101 790	81 327 473	70 328 250	77 582 220	80 317 393			

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	June 2005	1/ June 2006	Percentage change between 2005 and June 2006	May 2006	June 2006	Percentage change between May and June 2006
Food and beverages	153 498 313	12 329 197	13 714 097	+11,2	13 826 760	14 070 739	+1,8	
Meat, fish, fruit etc.	35 850 560	2 969 402	3 096 853	+4,3	3 082 404	3 088 866	+0,2	
Dairy products	12 974 474	970 993	1 137 006	+17,1	1 196 657	1 232 781	+3,0	
Grain mill products	24 925 750	2 053 158	2 239 881	+9,1	2 232 827	2 197 208	-1,6	
Other food products	40 542 063	3 444 299	3 917 519	+13,7	3 853 960	3 835 459	-0,5	
Beverages	39 205 466	2 891 345	3 322 838	+14,9	3 460 911	3 716 425	+7,4	
Textiles, clothing, leather and footwear	38 738 665	3 107 966	3 408 094	+9,7	3 370 572	3 481 020	+3,3	
Textiles	6 292 712	535 540	549 876	+2,7	473 333	528 968	+11,8	
Other textile products	10 885 186	891 829	1 037 334	+16,3	1 001 248	1 024 952	+2,4	
Knitted, crocheted articles	1 686 732	142 546	152 095	+6,7	142 753	140 713	-1,4	
Wearing apparel	12 773 112	928 628	1 027 303	+10,6	1 124 824	1 143 223	+1,6	
Leather and leather products	4 438 623	389 028	404 962	+4,1	387 295	393 792	+1,7	
Footwear	2 662 300	220 395	236 524	+7,3	241 119	249 372	+3,4	
Wood and wood products, paper, publishing and printing	76 805 213	6 513 928	7 127 978	+9,4	6 861 063	6 891 872	+0,4	
Sawmilling and planing of wood	4 023 371	355 791	388 256	+9,1	353 465	366 847	+3,8	
Products of wood	11 895 172	1 078 523	1 194 707	+10,8	1 089 810	1 117 775	+2,6	
Paper and paper products	33 221 695	2 889 410	3 065 672	+6,1	2 963 655	2 885 877	-2,6	
Publishing	12 112 206	978 246	1 114 324	+13,9	1 099 281	1 090 248	-0,8	
Printing, recorded media	15 552 769	1 211 958	1 365 019	+12,6	1 354 851	1 431 124	+5,6	
Petroleum, chemical products, rubber and plastic products	170 118 397	14 011 319	16 221 408	+15,8	15 935 739	16 293 622	+2,2	
Coke, petroleum products and nuclear fuel	57 696 582	4 550 070	5 866 618	+28,9	5 794 506	5 952 714	+2,7	
Basic chemicals	34 963 687	3 106 512	3 456 327	+11,3	3 252 544	3 411 197	+4,9	
Other chemical products	46 275 887	3 786 468	4 094 479	+8,1	4 130 000	4 141 770	+0,3	
Rubber products	8 489 850	733 839	722 730	-1,5	657 239	679 275	+3,4	
Plastic products	22 692 391	1 834 430	2 081 254	+13,5	2 101 451	2 108 667	+0,3	
Glass and non-metallic mineral products	25 708 507	2 259 515	2 421 572	+7,2	2 345 756	2 301 811	-1,9	
Glass and glass products	4 537 546	389 743	432 149	+10,9	441 590	428 468	-3,0	
Non-metallic mineral products	21 170 961	1 869 772	1 989 423	+6,4	1 904 166	1 873 342	-1,6	
Basic iron and steel, non-ferrous metal products, metal products and machinery	172 109 761	15 006 611	17 114 049	+14,0	15 611 483	16 479 552	+5,6	
Basic iron and steel products	57 886 276	5 311 400	5 860 392	+10,3	5 009 089	5 582 995	+11,5	
Non-ferrous metal products	24 070 957	1 975 370	2 576 651	+30,4	2 500 063	2 514 873	+0,6	
Structural metal products	13 164 368	1 128 946	1 259 175	+11,5	1 120 281	1 144 497	+2,2	
Other fabricated metal product	28 277 891	2 360 929	2 849 236	+20,7	2 630 933	2 791 965	+6,1	
General purpose machinery	17 837 796	1 665 472	1 589 835	-4,5	1 448 088	1 479 981	+2,2	
Special purpose machinery	20 776 381	1 743 702	1 797 379	+3,1	1 887 296	1 789 017	-5,2	
Household appliances	10 096 092	820 792	1 181 381	+43,9	1 015 733	1 176 222	+15,8	
Electrical machinery	20 183 146	1 742 826	2 119 666	+21,6	1 985 637	2 036 493	+2,6	
Radio, television and communication apparatus and professional equipment	11 542 033	1 025 190	1 004 789	-2,0	998 004	931 693	-6,6	
Radio, television and communication apparatus	6 148 981	554 375	578 284	+4,3	604 648	528 257	-12,6	
Professional equipment	5 393 052	470 815	426 505	-9,4	393 356	403 436	+2,6	
Motor vehicles, parts and accessories and other transport equipment	137 870 382	11 932 748	14 241 170	+19,3	13 000 573	13 763 526	+5,9	
Motor vehicles	74 426 017	6 488 161	7 503 630	+15,7	6 843 647	7 187 119	+5,0	
Bodies for motor vehicles, trailers and semi-trailers	6 135 714	539 248	624 908	+15,9	579 960	594 237	+2,5	
Parts and accessories	48 612 826	4 151 795	5 124 127	+23,4	4 791 069	5 037 840	+5,2	
Other transport equipment	8 695 825	753 544	988 505	+31,2	785 897	944 330	+20,2	
Other manufacturing divisions	40 430 591	3 285 928	3 954 650	+20,4	3 646 634	4 067 066	+11,5	
Furniture	10 312 926	854 241	947 452	+10,9	941 130	937 115	-0,4	
Other manufacturing groups	30 117 665	2 431 687	3 007 198	+23,7	2 705 505	3 129 951	+15,7	
Total	847 005 008	71 215 228	81 327 473	+14,2	77 582 220	80 317 393	+3,5	

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)		
		April to June 2005	April to June 2006	Annual percentage change between April to June 2005 and April to June 2006	April to June 2005	April to June 2006	Annual percentage change between April to June 2005 and April to June 2006
Food and beverages	16,4	114,9	115,3	+0,3	36 964 774	39 936 050	+8,0
Meat, fish, fruit etc.	2,6	128,3	122,5	-4,5	8 973 588	9 176 166	+2,3
Dairy products	1,1	94,3	102,7	+8,9	3 048 211	3 393 875	+11,3
Grain mill products	1,5	124,3	124,3	-0,0	6 201 370	6 535 887	+5,4
Other food products	6,8	109,7	109,1	-0,5	10 199 707	11 256 630	+10,4
Beverages	4,3	117,2	120,9	+3,2	8 541 898	9 573 492	+12,1
Textiles, clothing, leather and footwear	5,4	98,2	98,6	+0,4	9 598 575	9 964 435	+3,8
Textiles	1,2	85,0	79,7	-6,2	1 649 765	1 529 386	-7,3
Other textile products	1,2	116,8	120,3	+3,0	2 678 372	2 936 371	+9,6
Knitted, crocheted articles	0,3	79,5	82,1	+3,3	446 117	465 587	+4,4
Wearing apparel	2,0	101,7	103,1	+1,4	3 034 260	3 185 861	+5,0
Leather and leather products	0,3	104,8	103,2	-1,5	1 138 953	1 169 048	+2,6
Footwear	0,4	77,9	81,9	+5,1	651 108	678 182	+4,2
Wood and wood products, paper, publishing and printing	11,0	107,8	112,3	+4,2	19 032 240	20 333 754	+6,8
Sawmilling and planing of wood	0,7	113,0	115,1	+1,9	1 025 928	1 106 194	+7,8
Products of wood	1,0	128,1	131,6	+2,7	3 004 836	3 289 507	+9,5
Paper and paper products	4,8	103,9	108,8	+4,7	8 224 284	8 738 298	+6,2
Publishing	2,4	99,8	110,9	+11,1	2 847 001	3 231 412	+13,5
Printing, recorded media	2,1	114,6	111,5	-2,7	3 930 191	3 968 343	+1,0
Petroleum, chemical products, rubber and plastic products	22,5	114,0	114,4	+0,4	42 107 952	46 644 989	+10,8
Coke, petroleum products and nuclear fuel	9,1	107,9	99,8	-7,5	14 319 349	17 186 785	+20,0
Basic chemicals	4,0	111,9	118,4	+5,8	8 859 324	9 379 582	+5,9
Other chemical products	5,4	125,9	127,1	+1,0	11 407 106	11 956 688	+4,8
Rubber products	1,1	91,8	90,6	-1,3	2 112 936	2 051 055	-2,9
Plastic products	3,0	122,7	140,6	+14,6	5 409 237	6 070 879	+12,2
Glass and non-metallic mineral products	3,9	122,7	125,5	+2,3	6 385 046	6 893 556	+8,0
Glass and glass products	1,1	136,4	147,2	+7,9	1 070 062	1 209 366	+13,0
Non-metallic mineral products	2,9	117,6	117,4	-0,2	5 314 984	5 684 190	+6,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	112,4	119,0	+5,9	44 082 988	47 198 490	+7,1
Basic iron and steel products	5,5	109,2	109,3	+0,1	15 998 405	16 016 374	+0,1
Non-ferrous metal products	4,7	106,2	119,8	+12,8	5 913 398	7 346 581	+24,2
Structural metal products	1,3	121,8	123,0	+1,0	3 453 814	3 468 230	+0,4
Other fabricated metal products	4,2	108,9	122,4	+12,4	6 863 659	7 888 229	+14,9
General purpose machinery	2,4	122,0	110,7	-9,3	4 649 067	4 376 732	-5,9
Special purpose machinery	3,2	120,6	124,2	+3,0	4 825 545	4 955 297	+2,7
Household appliances	1,2	113,2	149,4	+32,0	2 379 100	3 147 047	+32,3
Electrical machinery	2,7	97,9	101,6	+3,8	5 052 418	5 850 657	+15,8
Radio, television and communication apparatus and professional equipment	1,3	109,0	104,9	-3,8	2 771 220	2 780 553	+0,3
Radio, television and communication apparatus	0,7	85,4	91,8	+7,5	1 434 300	1 555 095	+8,4
Professional equipment	0,6	132,9	118,3	-11,0	1 336 920	1 225 458	-8,3
Motor vehicles, parts and accessories and other transport equipment	8,6	124,2	143,4	+15,5	33 419 397	38 415 361	+14,9
Motor vehicles	4,1	125,3	144,5	+15,3	17 708 836	20 203 201	+14,1
Bodies for motor vehicles, trailers and semi-trailers	0,4	143,5	176,1	+22,7	1 503 615	1 704 496	+13,4
Parts and accessories	3,1	130,5	152,7	+17,0	12 025 183	14 112 351	+17,4
Other transport equipment	1,0	92,3	96,8	+4,9	2 181 763	2 395 313	+9,8
Other manufacturing divisions	5,8	98,6	106,6	+8,1	9 777 985	11 049 876	+13,0
Furniture	1,6	124,5	138,5	+11,2	2 475 898	2 740 255	+10,7
Other manufacturing groups	4,2	88,8	94,5	+6,4	7 302 087	8 309 621	+13,8
Total	100,0	112,1	116,5	+3,9	209 192 595	229 067 721	+9,5

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 Jun. 2005	Jan. to Jun. 2006	Annual percentage change between 2005 and 2006	Contribution (percentage points) 2/	Jan. to Jun. 2005	Jan. to Jun. 2006	Annual percentage change between 2005 and 2006	Difference in sales between 2005 and 2006
Food and beverages	16,4	111,2	112,3	+1,0	+0,2	71 915	77 398	+7,6	+5 483
Meat, fish, fruit etc.	2,6	126,7	123,2	-2,8	-0,1	16 924	17 841	+5,4	+917
Dairy products	1,1	96,3	104,7	+8,7	+0,1	6 094	6 765	+11,0	+671
Grain mill products	1,5	117,6	121,8	+3,6	+0,1	12 067	12 594	+4,4	+527
Other food products	6,8	96,5	97,1	+0,6	+0,0	19 019	20 841	+9,6	+1 822
Beverages	4,3	126,8	128,5	+1,3	+0,1	17 810	19 357	+8,7	+1 547
Textiles, clothing, leather and footwear	5,4	95,8	95,0	-0,8	-0,0	18 577	19 065	+2,6	+488
Textiles	1,2	83,0	78,2	-5,8	-0,1	3 157	3 013	-4,6	-144
Other textile products	1,2	114,8	115,4	+0,5	+0,0	5 215	5 522	+5,9	+307
Knitted, crocheted articles	0,3	79,3	79,0	-0,4	-0,0	858	870	+1,4	+12
Wearing apparel	2,0	98,9	98,9	-0,0	-0,0	5 931	6 081	+2,5	+150
Leather and leather products	0,3	104,2	102,5	-1,6	-0,0	2 232	2 308	+3,4	+76
Footwear	0,4	71,8	76,2	+6,1	+0,0	1 184	1 271	+7,3	+87
Wood and wood products, paper, publishing and printing	11,0	104,8	109,9	+4,9	+0,5	36 455	39 229	+7,6	+2 774
Sawmilling and planing of wood	0,7	112,2	113,4	+1,1	+0,0	1 944	2 108	+8,4	+164
Products of wood	1,0	118,9	122,5	+3,0	+0,0	5 509	6 062	+10,0	+553
Paper and paper products	4,8	99,8	106,3	+6,5	+0,3	15 711	16 982	+8,1	+1 271
Publishing	2,4	100,0	111,7	+11,7	+0,3	5 624	6 414	+14,0	+790
Printing, recorded media	2,1	112,4	108,6	-3,4	-0,1	7 668	7 663	-0,1	-5
Petroleum, chemical products, rubber and plastic products	22,5	110,0	112,0	+1,8	+0,4	79 259	89 219	+12,6	+9 960
Coke, petroleum products and nuclear fuel	9,1	104,9	100,4	-4,3	-0,4	26 611	32 495	+22,1	+5 884
Basic chemicals	4,0	104,9	113,1	+7,8	+0,3	16 190	17 937	+10,8	+1 747
Other chemical products	5,4	120,1	123,5	+2,8	+0,2	21 747	23 193	+6,7	+1 446
Rubber products	1,1	96,8	87,3	-9,8	-0,1	4 279	3 962	-7,4	-317
Plastic products	3,0	119,8	134,6	+12,4	+0,4	10 431	11 631	+11,5	+1 200
Glass and non-metallic mineral products	3,9	113,1	120,5	+6,5	+0,3	11 649	13 034	+11,9	+1 385
Glass and glass products	1,1	125,0	140,4	+12,3	+0,1	1 976	2 265	+14,6	+289
Non-metallic mineral products	2,9	108,7	113,1	+4,0	+0,1	9 673	10 768	+11,3	+1 095
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	110,9	115,9	+4,5	+1,0	85 201	88 487	+3,9	+3 286
Basic iron and steel products	5,5	108,4	107,3	-1,0	-0,1	30 791	29 421	-4,5	-1 370
Non-ferrous metal products	4,7	105,1	118,5	+12,7	+0,6	11 388	13 301	+16,8	+1 913
Structural metal products	1,3	111,9	116,2	+3,8	-0,0	6 326	6 573	+3,9	+247
Other fabricated metal products	4,2	107,2	116,9	+9,0	+0,4	13 302	14 875	+11,8	+1 573
General purpose machinery	2,4	113,7	104,9	-7,7	-0,2	8 705	8 295	-4,7	-410
Special purpose machinery	3,2	126,8	125,9	-0,7	-0,0	10 103	10 169	+0,7	+66
Household appliances	1,2	109,8	138,7	+26,3	+0,3	4 585	5 851	+27,6	+1 266
Electrical machinery	2,7	94,5	96,6	+2,2	+0,1	9 553	10 807	+13,1	+1 254
Radio, television and communication apparatus and professional equipment	1,3	105,9	105,7	-0,2	-0,0	5 392	5 543	+2,8	+151
Radio, television and communication apparatus	0,7	83,1	87,8	+5,7	+0,0	2 819	3 006	+6,6	+187
Professional equipment	0,6	129,0	123,8	-4,0	-0,0	2 573	2 538	-1,4	-35
Motor vehicles, parts and accessories and other transport equipment	8,6	120,5	141,5	+17,4	+1,5	63 453	75 230	+18,6	+11 777
Motor vehicles	4,1	117,1	142,1	+21,3	+0,9	33 238	39 943	+20,2	+6 705
Bodies for motor vehicles, trailers and semi-trailers	0,4	135,1	170,4	+26,1	+0,1	2 685	3 179	+18,4	+494
Parts and accessories	3,1	130,5	152,4	+16,8	+0,5	22 961	27 500	+19,8	+4 539
Other transport equipment	1,0	97,6	94,2	-3,5	-0,0	4 569	4 608	+0,8	+39
Other manufacturing divisions	5,8	98,1	106,8	+8,9	+0,5	18 411	21 219	+15,3	+2 808
Furniture	1,6	118,8	127,6	+7,4	+0,1	4 597	5 020	+9,2	+423
Other manufacturing groups	4,2	90,3	98,9	+9,5	+0,4	13 813	16 199	+17,3	+2 386
Total	100,0	108,9	113,8	+4,5	+4,5	399 865	439 232	+9,8	+39 367

2/ 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 | <p>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 significantly 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.</p> <p>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.</p> <p>3 As is usual, 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.</p> <p>4 As indicated earlier, Stats SA developed a new business register, based on units registered for value-added tax (VAT) and income tax (IT), obtained from the South African Revenue Service (SARS), which replaced the previous business register.</p> |
| Scope of the survey | <p>5 This survey covers manufacturing enterprises, i.e. those conducting activities in -</p> <ul style="list-style-type: none"> • the manufacturing, processing, making or packing of products; • the slaughtering of animals, including poultry; and • installation, assembly, completion, repair and related work. |
| Classification | <p>6 The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities (SIC)</i>, Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of all Economic Activities (ISIC)</i> 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.</p> |
| Statistical unit | <p>7 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.</p> |
| Weighting methodology | <p>8 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.</p> <p>9 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).</p> |

- Survey methodology and design**
- 10** The survey is conducted monthly. Questionnaires are sent to a sample of approximately 3 000 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.
- 11** The value of sales of manufactured products is obtained monthly from the sample of approximately 3 000 enterprises, which was drawn in August 2005 from a population then of 45 130 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 division to reflect the total value of sales of the division.
- 12** 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.
- 13** 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).
- Seasonal adjustment**
- 14** 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**
- 15** 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**
- 16** 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.
- 17** 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**
- 18** 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

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>Standard Industrial Classification of all Economic Activities, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC)</i> .
Intermediate consumption	Intermediate consumption includes - <ul style="list-style-type: none"> • purchases and transfers-in of materials; • payments to other establishments for work done; • other direct factory costs; • rent and leasing paid; • head office charges; • royalties, copyright, trade names and patent rights paid; • advertising; • insurance premiums; • services; and • secretarial and administrative fees.
Output	Output is the aggregate value of goods manufactured and work done and includes - <ul style="list-style-type: none"> • sales and transfers-out of own manufactures, factory waste and stocks of factored goods; • repairs; • installation, erection and assembly; • sundry trading revenue; • sales of factored goods minus purchases of factored goods; • rent and leasing received; • royalties received; • difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods; • head office charges; and • other revenue. <p>Output excludes excise and customs duty paid.</p>
Value added	Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.
Sales	Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection or assembly or other services rendered.
Statistical unit	A statistical unit is a unit about which statistics are tabulated, compiled or published. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

For the purpose of this publication, the statistical unit in the monthly manufacturing: production and sales survey is the enterprise.

Turnover

Turnover refers to -

- 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 ratios 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

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Enquiries

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(012) 310 8233/8249 (technical enquiries)
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