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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

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

Estimates	November 2007	% change between November 2006 and November 2007	% change between September to November 2006 and September to November 2007	% change between January to November 2006 and January to November 2007
Physical volume of manufacturing production index (2000=100)	141,3	4,4	3,0	4,5
Total value of sales of manufactured products (R million)	109 066	11,9	10,7	15,7

Seasonally adjusted estimates	November 2007	% change between October and November 2007	% change between June to August 2007 and September to November 2007
Physical volume of manufacturing production index (2000=100)	127,2	-0,6	0,6
Total value of sales of manufactured products (R million)	97 389	-0,8	1,7

Manufacturing production increases

Manufacturing production for the first eleven months of 2007 recorded growth of 4,5% compared with the first eleven months of 2006. Furthermore, the estimated seasonally adjusted manufacturing production for the three months ended November 2007 increased by 0,6% compared with the previous three months. Higher production levels were reported by four of the ten manufacturing divisions.

The major contributor to the seasonally adjusted increase of 0,6% in total manufacturing production for the three months ended November 2007 compared with the previous three months was the petroleum, chemical products, rubber and plastic products division (contributing +1,4 percentage points), followed by the electrical machinery division (contributing 0,1 of a percentage point). However, these increases were partially counteracted by decreases reported by the motor vehicles, parts and accessories and other transport equipment division (contributing -0,4 of a percentage point), the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing -0,3 of a percentage point) and the wood and wood products, paper, publishing and printing division (contributing -0,1 of a percentage point) (see Table B).

Table B - Contribution of manufacturing divisions and major groups to the total of seasonally adjusted manufacturing production

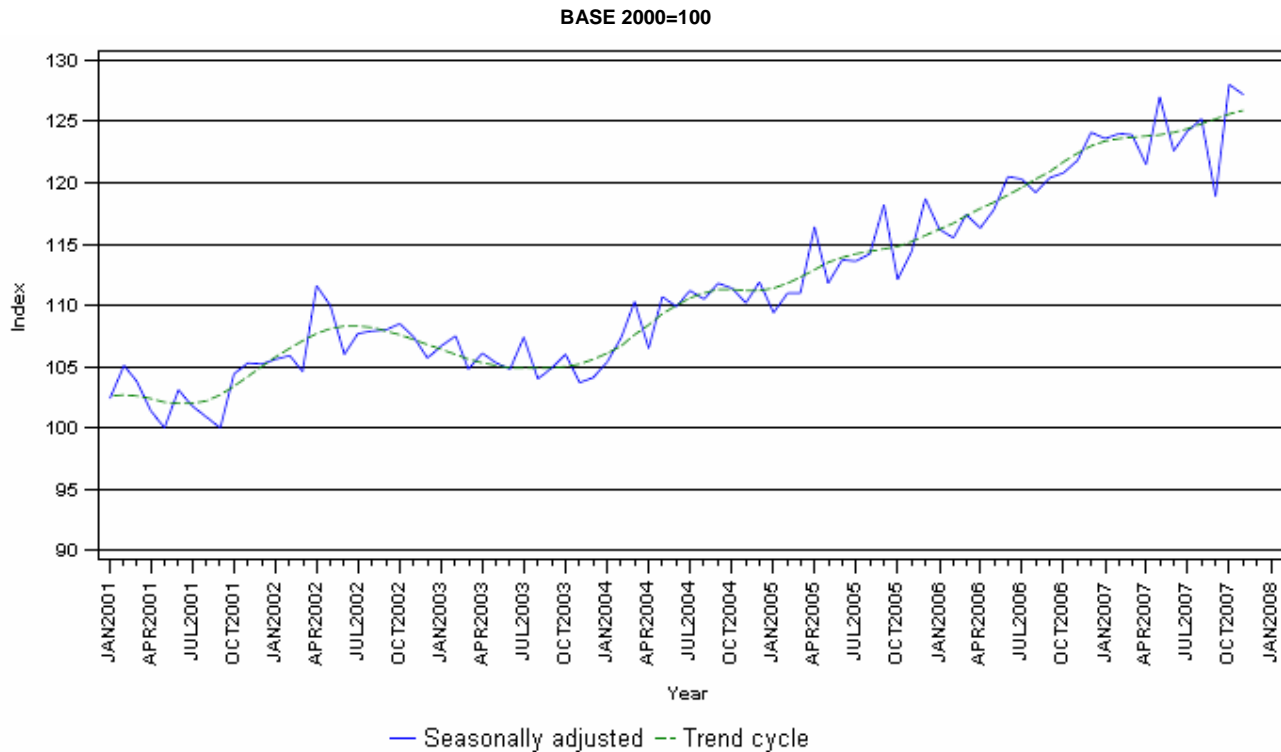
(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to the total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for June to August 2007	Average seasonally adjusted production index for September to November 2007	Quarterly percentage change of September to November 2007 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	125,2	125,3	0,1	0,0
-Food and food products	12,1	118,8	117,5	-1,1	-0,1
-Beverages	4,3	143,4	147,1	2,6	0,1
Textiles, clothing, leather and footwear	5,4	105,0	104,3	-0,7	0,0
-Textiles	2,4	102,3	98,9	-3,3	-0,1
-Wearing apparel	2,3	112,5	112,0	-0,4	0,0
-Leather and leather products	0,3	103,1	110,3	7,0	0,0
-Footwear	0,4	82,4	88,8	7,8	0,0
Wood and wood products, paper, publishing and printing	11,0	117,7	117,0	-0,6	-0,1
-Wood and products of wood	1,7	129,6	124,8	-3,7	-0,1
-Paper and paper products	4,8	113,1	113,3	0,2	0,0
-Publishing and printing	4,6	118,1	117,9	-0,2	0,0
Petroleum, chemical products, rubber and plastic products	22,5	122,4	129,8	6,0	1,4
-Coke, petroleum products and nuclear fuel	9,1	93,6	106,3	13,6	1,2
-Basic chemicals	4,0	142,8	143,8	0,7	0,0
-Other chemical products	5,4	139,9	143,1	2,3	0,1
-Rubber products	1,1	75,0	84,7	12,9	0,1
-Plastic products	3,0	169,9	177,0	4,2	0,1
Glass and non-metallic mineral products	3,9	133,9	133,9	0,0	0,0
-Glass and glass products	1,1	149,4	153,8	2,9	0,0
-Non-metallic mineral products	2,9	128,1	126,4	-1,3	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,4	124,8	-1,3	-0,3
-Basic iron and steel products	5,5	108,8	106,7	-1,9	-0,1
-Basic precious, non-ferrous metal products	4,7	118,4	119,0	0,5	0,0
-Fabricated metal products	5,5	143,1	143,1	0,0	0,0
-Machinery and equipment	6,7	133,0	129,0	-3,0	-0,2
Electrical machinery	2,7	107,2	110,1	2,7	0,1
Radio, television and communication apparatus and professional equipment	1,3	119,2	116,4	-2,3	0,0
-Radio, television and communication apparatus	0,7	99,8	97,4	-2,4	0,0
-Professional equipment	0,6	138,9	135,7	-2,3	0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	144,5	137,6	-4,8	-0,4
-Motor vehicles, trailers, parts and accessories	7,6	149,3	142,5	-4,6	-0,3
-Other transport equipment	1,0	107,4	99,9	-7,0	-0,1
Furniture and other manufacturing division	5,8	119,5	119,8	0,3	0,0
-Furniture	1,6	142,0	142,8	0,6	0,0
-Other manufacturing groups	4,2	111,0	111,2	0,2	0,0
Total	100,0	124,0	124,7	0,6	0,6

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

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

Figure 1 – Index of the physical volume of manufacturing production



Sales of manufactured products increases

The estimated total value of sales of manufactured products at current prices for three months ended November 2007 increased by 1,7% (R4 771 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by seven of the ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 1,7% in the total value of sales of manufactured products at current prices for the three months ended November 2007 compared with the previous three months was mainly due to increases reported for the petroleum, chemical products, rubber and plastic products division (+7,5% or + R4 307 million) and the food and beverages division (+4,5% or +R2 134 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 June to August 2007	Seasonally adjusted sales September to November 2007	Percentage change between June to August 2007 and September to November 2007	Difference in seasonally adjusted sales of manufacturing divisions between June to August 2007 And September to November 2007
	R '000	R '000		R '000
Food and beverages	47 851 489	49 985 253	4,5	2 133 764
-Food and food products	35 343 441	37 075 087	4,9	1 731 646
-Beverages	12 508 048	12 910 167	3,2	402 119
Textiles, clothing, leather and footwear	10 524 617	10 525 064	0,0	447
-Textiles	4 445 474	4 375 816	-1,6	-69 658
-Wearing apparel	4 183 174	4 140 390	-1,0	-42 784
-Leather and leather products	1 210 039	1 277 229	5,6	67 190
-Footwear	685 929	731 629	6,7	45 700
Wood and wood products, paper, publishing and printing	23 530 011	23 777 906	1,1	247 895
-Wood and products of wood	5 174 361	5 184 929	0,2	10 568
-Paper and paper products	10 136 754	10 240 794	1,0	104 040
-Publishing and printing	8 218 896	8 352 185	1,6	133 289
Petroleum, chemicals products, rubber and plastic products	57 628 128	61 935 587	7,5	4 307 459
-Coke, petroleum products and nuclear fuel	19 637 336	23 340 753	18,9	3 703 417
-Basic chemicals	13 438 135	13 104 759	-2,5	-333 376
-Other chemical products	13 735 048	14 124 789	2,8	389 741
-Rubber products	2 435 219	2 629 358	8,0	194 139
-Plastic products	8 382 390	8 735 930	4,2	353 540
Glass and non-metallic mineral products	8 179 767	8 237 822	0,7	58 055
-Glass and glass products	1 400 748	1 452 337	3,7	51 589
-Non-metallic mineral products	6 779 018	6 785 484	0,1	6 466
Basic iron and steel, non-ferrous metal products, metal products and machinery	63 344 302	62 876 411	-0,7	-467 891
-Basic iron and steel products	24 799 265	24 178 377	-2,5	-620 888
-Basic precious, non-ferrous metal products	9 771 077	9 799 305	0,3	28 228
-Fabricated metal products	14 051 365	14 467 055	3,0	415 690
-Machinery and equipment	14 722 592	14 431 675	-2,0	-290 917
-Electrical machinery	8 793 997	9 231 783	5,0	437 786
Radio, television and communication apparatus and professional equipment	3 650 637	3 526 377	-3,4	-124 260
-Radio, television and communication apparatus	2 060 715	1 977 110	-4,1	-83 605
-Professional equipment	1 589 922	1 549 267	-2,6	-40 655
Motor vehicles, parts and accessories and other transport equipment	43 918 731	41 915 757	-4,6	-2 002 974
-Motor vehicles, trailers, parts and accessories	40 512 112	38 686 687	-4,5	-1 825 425
-Other transport equipment	3 406 618	3 229 070	-5,2	-177 548
Furniture and other manufacturing division	13 337 044	13 517 742	1,4	180 698
-Furniture	2 894 356	2 981 535	3,0	87 179
-Other manufacturing groups	10 442 688	10 536 206	0,9	93 518
Total	280 758 721	285 529 705	1,7	4 770 984

The value of sales of manufactured products at current prices for the three months ended November 2007 was 10,7% (R29 983 million) higher than for the three months ended November 2006 (see Table D).

The major contributors to the increase of 10,7% in sales of manufactured products at current prices for the three months ended November 2007 compared with the three months ended November 2006 were the petroleum, chemical products, rubber and plastic products division (+3,5 percentage points or +R9 825 million), the food and beverages division (+3,0 percentage points or +R8 275 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (+1,9 percentage points or +R5 178 million) (see Table D).

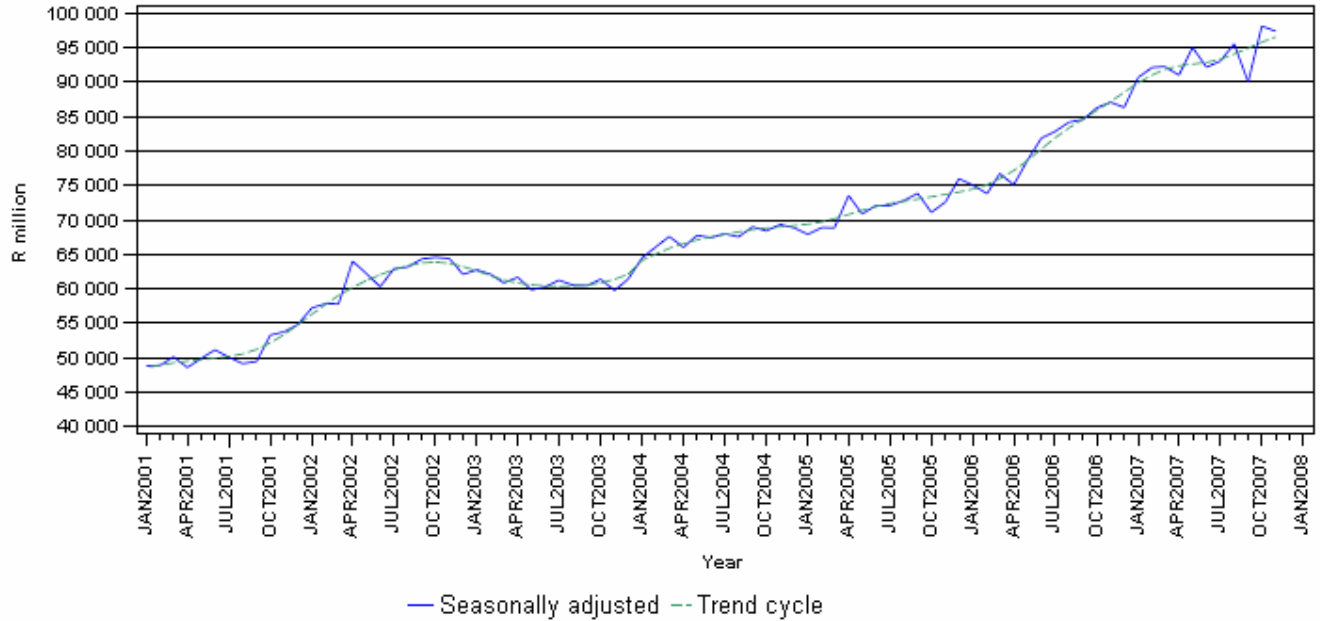
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products September 2006 to November 2006	Percentage change between September 2006 to November 2006 and September 2006 to November 2007	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between September 2006 to November 2006 and September 2006 to November 2007
				R '000
Food and beverages	15,9	18,6	3,0	8 275 318
-Food and food products	11,7	20,0	2,3	6 531 147
-Beverages	4,2	14,7	0,6	1 744 171
Textiles, clothing, leather and footwear	3,9	7,5	0,3	831 459
-Textiles	1,7	4,3	0,1	198 956
-Wearing apparel	1,6	7,8	0,1	347 519
-Leather and leather products	0,4	15,5	0,1	181 531
-Footwear	0,3	13,1	0,0	103 453
Wood and wood products, paper, publishing and printing	8,6	7,5	0,6	1 828 211
-Wood and products of wood	1,9	9,6	0,2	505 683
-Paper and paper products	3,8	5,1	0,2	540 245
-Publishing and printing	3,0	9,2	0,3	782 283
Petroleum, chemicals products, rubber and plastic products	20,5	17,0	3,5	9 825 314
-Coke, petroleum products and nuclear fuel	7,1	21,9	1,6	4 369 215
-Basic chemicals	4,6	14,1	0,6	1 840 377
-Other chemical products	4,9	12,8	0,6	1 763 495
-Rubber products	1,0	4,9	0,0	133 215
-Plastic products	2,9	21,1	0,6	1 719 012
Glass and non-metallic mineral products	3,0	9,0	0,3	765 529
-Glass and glass products	0,6	5,3	0,0	86 741
-Non-metallic mineral products	2,5	9,8	0,2	678 788
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,3	8,3	1,9	5 177 787
-Basic iron and steel products	8,8	4,5	0,4	1 116 241
-Basic precious, non-ferrous metal products	3,4	7,6	0,3	727 161
-Fabricated metal products	4,7	19,7	0,9	2 632 722
-Machinery and equipment	5,3	4,7	0,2	701 663
Electrical machinery	3,2	13,6	0,4	1 212 127
Radio, television and communication apparatus and professional equipment	1,3	5,4	0,1	195 422
-Radio, television and communication apparatus	0,8	0,1	0,0	1 693
-Professional equipment	0,5	13,4	0,1	193 729
Motor vehicles, parts and accessories and other transport equipment	16,3	1,6	0,3	721 361
-Motor vehicles, trailers, parts and accessories	15,2	1,1	0,2	474 318
-Other transport equipment	1,1	7,9	0,1	247 043
Furniture and other manufacturing division	4,9	8,3	0,4	1 150 953
-Furniture	1,3	2,4	0,0	85 825
-Other manufacturing groups	3,6	10,4	0,4	1 065 128
Total	100,0	10,7	10,7	29 983 481

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 2006, divided by 100.

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

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



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Detailed results: Tables

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

Base 2000 = 100

Month	2001	2002	2003	2004	2005	2006	2007
Jan	91,1	93,7	94,4	93,1	96,2	101,7	107,6
Feb	102,7	103,6	104,3	103,6	106,3	110,1	118,2
Mar	106,8	108,2	108,4	114,1	114,9	121,4	128,3
Apr	95,3	104,4	100,0	100,3	109,2	109,2	113,9
May	100,2	110,3	105,7	111,6	112,8	118,9	128,1
Jun	104,0	106,7	105,3	110,5	114,3	121,4	123,7
Jul	102,8	108,8	108,7	113,0	115,5	122,2	126,1
Aug	102,3	109,8	106,3	113,7	118,2	123,8	130,1
Sep	103,1	111,4	108,7	116,0	122,9	125,5	1/ 123,9
Oct	114,9	119,6	116,7	122,5	123,2	132,6	1/ 140,1
Nov	117,6	119,8	114,9	122,3	127,1	135,4	1/ 141,3
Dec	92,5	92,7	91,5	99,0	104,6	109,3	
Year	102,8	107,4	105,4	110,0	113,8	119,3	

1/ Preliminary.

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

Month	2001	2002	2003	2004	2005	2006	2007
Jan	-	2,9	0,7	-1,4	3,3	5,7	5,8
Feb	-	0,9	0,7	-0,7	2,6	3,6	7,4
Mar	-	1,3	0,2	5,3	0,7	5,7	5,7
Apr	-	9,5	-4,2	0,3	8,9	0,0	4,3
May	-	10,1	-4,2	5,6	1,1	5,4	7,7
Jun	-	2,6	-1,3	4,9	3,4	6,2	1,9
Jul	-	5,8	-0,1	4,0	2,2	5,8	3,2
Aug	-	7,3	-3,2	7,0	4,0	4,7	5,1
Sep	-	8,1	-2,4	6,7	5,9	2,1	-1,3
Oct	-	4,1	-2,4	5,0	0,6	7,6	5,7
Nov	-	1,9	-4,1	6,4	3,9	6,5	4,4
Dec	-	0,2	-1,3	8,2	5,7	4,5	
Year	-	4,5	-1,9	4,4	3,5	4,8	

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 3 – Seasonally adjusted index of the physical volume of manufacturing production: Total

Month	2001	2002	2003	2004	2005	2006	2007
Jan	102,6	105,8	107,0	105,4	109,4	116,2	123,6
Feb	105,1	105,9	107,7	107,4	111,0	115,5	124,0
Mar	103,7	104,6	104,7	110,3	111,0	117,4	123,9
Apr	101,7	112,1	106,9	106,5	116,4	116,3	121,5
May	99,9	109,9	105,1	110,7	111,8	117,8	127,0
Jun	103,2	106,0	104,7	109,9	113,7	120,5	122,6
Jul	101,6	107,4	107,2	111,2	113,6	120,3	124,2
Aug	100,8	107,7	103,7	110,5	114,2	119,2	125,2
Sep	100,0	108,0	105,0	111,8	118,2	120,4	118,9
Oct	104,3	108,6	106,1	111,4	112,1	120,8	128,0
Nov	105,4	107,6	103,8	110,2	114,4	121,8	127,2
Dec	104,9	105,1	103,2	111,9	118,7	124,1	

Table 4a - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups

Base 2000 = 100

Manufacturing divisions and major groups	Weights	Year 2006	Indices			Seasonally adjusted indices		
			November 2006	1/ October 2007	1/ November 2007	November 2006	October 2007	November 2007
Food and beverages	16,4	119,7	132,5	135,9	137,1	120,9	126,1	125,5
-Meat, fish, fruit etc.	2,6	124,5	128,0	131,2	134,4	124,1	132,2	130,2
-Dairy products	1,1	110,4	122,5	121,7	117,2	113,2	112,3	108,6
-Grain mill products	1,5	124,3	129,3	129,2	131,2	124,9	128,0	126,7
-Other food products	6,8	110,4	131,2	130,3	127,2	114,3	113,2	111,2
-Beverages	4,3	132,3	141,2	153,6	161,8	129,9	145,7	149,3
Textiles, clothing, leather and footwear	5,4	99,8	120,0	119,0	127,2	102,0	103,9	108,1
-Textiles	1,2	80,6	94,6	84,7	99,4	84,4	77,6	88,7
-Other textile products	1,2	120,5	144,9	140,9	148,7	118,5	122,0	121,1
-Knitted, crocheted articles	0,3	80,7	101,4	93,8	101,0	90,2	87,0	89,7
-Wearing apparel	2,0	106,7	132,3	132,2	143,5	109,8	113,4	119,0
-Leather and leather products	0,3	98,2	105,3	119,8	116,1	100,4	111,5	111,1
-Footwear	0,4	82,2	93,4	113,5	101,5	81,5	91,9	88,7
Wood and wood products, paper, publishing and printing	11,0	116,1	133,4	127,4	134,5	117,5	117,0	118,3
-Sawmilling and planing of wood	0,7	118,3	135,3	119,8	118,1	123,2	112,3	107,3
-Products of wood	1,0	130,5	153,8	151,1	155,5	131,0	135,4	132,8
-Paper and paper products	4,8	112,6	127,1	117,7	129,4	114,8	113,1	116,5
-Publishing	2,4	120,1	141,3	135,1	139,1	124,0	122,1	122,5
-Printing, recorded media	2,1	111,8	128,2	131,5	135,9	108,1	113,0	114,4
Petroleum, chemical products, rubber and plastic products	22,5	115,7	131,6	142,7	146,1	121,0	133,0	134,7
-Coke, petroleum products and nuclear fuel	9,1	95,0	92,1	109,4	107,6	96,7	110,1	113,6
-Basic chemicals	4,0	125,4	159,4	163,0	171,1	138,6	142,6	148,6
-Other chemical products	5,4	130,6	155,2	160,0	168,3	136,1	145,1	147,3
-Rubber products	1,1	89,6	97,8	93,1	92,9	88,7	87,1	84,1
-Plastic products	3,0	149,5	186,3	205,9	211,2	157,2	186,2	177,9
Glass and non-metallic mineral products	3,9	130,4	152,7	151,6	155,7	133,3	135,1	136,2
-Glass and glass products	1,1	150,7	187,1	173,7	187,2	154,1	154,1	154,5
-Non-metallic mineral products	2,9	122,9	139,9	143,4	144,0	125,5	128,0	129,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	131,3	137,0	133,8	121,4	126,6	123,7
-Basic iron and steel products	5,5	111,7	108,6	115,4	106,1	105,4	108,6	103,2
-Non-ferrous metal products	4,7	119,3	123,8	123,1	119,5	120,4	119,2	116,5
-Structural metal products	1,3	123,8	142,2	162,7	161,8	124,5	147,7	142,5
-Other fabricated metal products	4,2	123,9	147,5	163,5	161,0	132,4	147,5	144,4
-General purpose machinery	2,4	112,3	127,4	134,9	132,9	115,3	121,9	120,2
-Special purpose machinery	3,2	134,7	150,7	147,6	151,3	137,6	136,1	137,6
-Household appliances	1,2	134,4	155,3	147,4	149,7	128,4	128,2	124,6
Electrical machinery	2,7	104,9	119,9	127,6	124,8	106,1	112,7	110,5
Radio, television and communication apparatus and professional equipment	1,3	109,7	124,0	124,2	127,4	114,1	116,7	116,9
-Radio, television and communication apparatus	0,7	96,3	119,1	105,1	114,0	107,2	96,8	101,5
-Professional equipment	0,6	123,4	128,9	143,5	140,9	121,0	136,9	132,4
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	172,1	180,5	171,0	151,7	162,9	150,0
-Motor vehicles	4,1	149,0	180,6	179,8	175,4	154,9	156,5	149,8
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	244,8	258,4	248,2	205,4	228,1	208,0
-Parts and accessories	3,1	151,3	173,0	194,1	177,1	156,1	181,6	158,8
-Other transport equipment	1,0	96,2	106,8	111,5	104,4	104,2	106,5	101,5
Furniture and other manufacturing division	5,8	113,2	135,6	139,3	146,6	112,1	115,7	121,5
-Furniture	1,6	142,9	186,6	182,8	196,4	142,4	143,9	149,1
-Other manufacturing groups	4,2	102,0	116,3	122,9	127,8	100,7	105,1	111,0
Total	100,0	119,3	135,4	140,1	141,3	121,8	128,0	127,2

1/ Preliminary.

Table 4b - Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups (concluded)

Base 2000 = 100

Manufacturing divisions and major groups	Weights	Year 2006	Indices			Seasonally adjusted indices		
			November 2006	1/ November 2007	Percentage difference between November 2006 and November 2007	October 2007	November 2007	Percentage difference between October and November 2007
Food and beverages	16,4	119,7	132,5	137,1	3,5	126,1	125,5	-0,5
-Meat, fish, fruit etc.	2,6	124,5	128,0	134,4	5,0	132,2	130,2	-1,5
-Dairy products	1,1	110,4	122,5	117,2	-4,3	112,3	108,6	-3,3
-Grain mill products	1,5	124,3	129,3	131,2	1,5	128,0	126,7	-1,0
-Other food products	6,8	110,4	131,2	127,2	-3,0	113,2	111,2	-1,8
-Beverages	4,3	132,3	141,2	161,8	14,6	145,7	149,3	2,5
Textiles, clothing, leather and footwear	5,4	99,8	120,0	127,2	6,0	103,9	108,1	4,0
-Textiles	1,2	80,6	94,6	99,4	5,1	77,6	88,7	14,3
-Other textile products	1,2	120,5	144,9	148,7	2,6	122,0	121,1	-0,7
-Knitted, crocheted articles	0,3	80,7	101,4	101,0	-0,4	87,0	89,7	3,1
-Wearing apparel	2,0	106,7	132,3	143,5	8,5	113,4	119,0	4,9
-Leather and leather products	0,3	98,2	105,3	116,1	10,3	111,5	111,1	-0,4
-Footwear	0,4	82,2	93,4	101,5	8,7	91,9	88,7	-3,5
Wood and wood products, paper, publishing and printing	11,0	116,1	133,4	134,5	0,8	117,0	118,3	1,1
-Sawmilling and planing of wood	0,7	118,3	135,3	118,1	-12,7	112,3	107,3	-4,5
-Products of wood	1,0	130,5	153,8	155,5	1,1	135,4	132,8	-1,9
-Paper and paper products	4,8	112,6	127,1	129,4	1,8	113,1	116,5	3,0
-Publishing	2,4	120,1	141,3	139,1	-1,6	122,1	122,5	0,3
-Printing, recorded media	2,1	111,8	128,2	135,9	6,0	113,0	114,4	1,2
Petroleum, chemical products, rubber and plastic products	22,5	115,7	131,6	146,1	11,0	133,0	134,7	1,3
-Coke, petroleum products and nuclear fuel	9,1	95,0	92,1	107,6	16,8	110,1	113,6	3,2
-Basic chemicals	4,0	125,4	159,4	171,1	7,3	142,6	148,6	4,2
-Other chemical products	5,4	130,6	155,2	168,3	8,4	145,1	147,3	1,5
-Rubber products	1,1	89,6	97,8	92,9	-5,0	87,1	84,1	-3,4
-Plastic products	3,0	149,5	186,3	211,2	13,4	186,2	177,9	-4,5
Glass and non-metallic mineral products	3,9	130,4	152,7	155,7	2,0	135,1	136,2	0,8
-Glass and glass products	1,1	150,7	187,1	187,2	0,1	154,1	154,5	0,3
-Non-metallic mineral products	2,9	122,9	139,9	144,0	2,9	128,0	129,4	1,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	131,3	133,8	1,9	126,6	123,7	-2,3
-Basic iron and steel products	5,5	111,7	108,6	106,1	-2,3	108,6	103,2	-5,0
-Non-ferrous metal products	4,7	119,3	123,8	119,5	-3,5	119,2	116,5	-2,3
-Structural metal products	1,3	123,8	142,2	161,8	13,8	147,7	142,5	-3,5
-Other fabricated metal products	4,2	123,9	147,5	161,0	9,2	147,5	144,4	-2,1
-General purpose machinery	2,4	112,3	127,4	132,9	4,3	121,9	120,2	-1,4
-Special purpose machinery	3,2	134,7	150,7	151,3	0,4	136,1	137,6	1,1
-Household appliances	1,2	134,4	155,3	149,7	-3,6	128,2	124,6	-2,8
Electrical machinery	2,7	104,9	119,9	124,8	4,1	112,7	110,5	-2,0
Radio, television and communication apparatus and professional equipment	1,3	109,7	124,0	127,4	2,7	116,7	116,9	0,2
-Radio, television and communication apparatus	0,7	96,3	119,1	114,0	-4,3	96,8	101,5	4,9
-Professional equipment	0,6	123,4	128,9	140,9	9,3	136,9	132,4	-3,3
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	172,1	171,0	-0,6	162,9	150,0	-7,9
-Motor vehicles	4,1	149,0	180,6	175,4	-2,9	156,5	149,8	-4,3
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	244,8	248,2	1,4	228,1	208,0	-8,8
-Parts and accessories	3,1	151,3	173,0	177,1	2,4	181,6	158,8	-12,6
-Other transport equipment	1,0	96,2	106,8	104,4	-2,2	106,5	101,5	-4,7
Furniture and other manufacturing division	5,8	113,2	135,6	146,6	8,1	115,7	121,5	5,0
-Furniture	1,6	142,9	186,6	196,4	5,3	143,9	149,1	3,6
-Other manufacturing groups	4,2	102,0	116,3	127,8	9,9	105,1	111,0	5,6
Total	100,0	119,3	135,4	141,3	4,4	128,0	127,2	-0,6

1/ Preliminary.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000)

Month	2001	2002	2003	2004	2005	2006	2007
Jan	41 747 728	49 152 814	54 016 877	54 677 576	57 579 366	63 693 706	77 253 608
Feb	48 334 918	57 530 894	61 544 562	63 772 089	66 251 198	70 758 982	88 142 916
Mar	53 257 283	61 291 760	64 082 291	69 432 309	70 644 727	78 541 964	94 413 107
Apr	46 657 871	61 619 502	59 904 600	62 483 652	69 282 353	70 410 213	85 289 603
May	51 101 993	63 820 095	61 503 788	68 142 813	71 278 474	79 112 653	95 842 149
Jun	53 043 041	62 396 131	62 129 864	67 898 336	72 555 903	82 365 603	92 828 745
Jul	50 801 720	64 152 749	62 617 180	68 406 575	72 671 036	83 516 902	93 655 073
Aug	50 963 191	65 615 474	62 622 871	69 213 723	75 018 367	87 085 746	98 909 157
Sep	52 013 557	68 068 479	64 217 058	72 338 062	77 775 725	89 103 179	1/ 94 727 802
Oct	59 549 781	72 388 326	68 820 949	74 868 256	77 778 702	94 226 447	1/ 106 981 315
Nov	60 777 044	72 814 163	67 559 894	77 110 142	81 266 703	97 461 923	1/ 109 065 913
Dec	51 925 638	58 364 614	57 324 718	63 142 536	69 279 984	78 315 754	
Year	620 173 765	757 215 001	746 344 652	811 486 069	861 382 538	974 593 072	

1/ Preliminary.

Table 6 - Percentage change in the value of sales of the manufacturing industry: Total

Month	2001	2002	2003	2004	2005	2006	2007
Jan	-	17,7	9,9	1,2	5,3	10,6	21,3
Feb	-	19,0	7,0	3,6	3,9	6,8	24,6
Mar	-	15,1	4,6	8,3	1,7	11,2	20,2
Apr	-	32,1	-2,8	4,3	10,9	1,6	21,1
May	-	24,9	-3,6	10,8	4,6	11,0	21,1
Jun	-	17,6	-0,4	9,3	6,9	13,5	12,7
Jul	-	26,3	-2,4	9,2	6,2	14,9	12,1
Aug	-	28,8	-4,6	10,5	8,4	16,1	13,6
Sep	-	30,9	-5,7	12,6	7,5	14,6	6,3
Oct	-	21,6	-4,9	8,8	3,9	21,1	13,5
Nov	-	19,8	-7,2	14,1	5,4	19,9	11,9
Dec	-	12,4	-1,8	10,1	9,7	13,0	
Year	-	22,1	-1,4	8,7	6,1	13,1	

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 7 – Total seasonally adjusted sales of the manufacturing industry (R'000)

Month	2001	2002	2003	2004	2005	2006	2007
Jan	49 621 278	58 293 595	63 943 858	64 496 456	67 906 353	75 034 877	90 677 081
Feb	49 698 122	59 174 082	63 514 509	66 118 489	68 897 737	73 811 284	92 145 363
Mar	51 039 390	59 002 603	62 080 358	67 591 341	68 846 425	76 721 852	92 259 723
Apr	49 498 174	65 443 809	63 398 469	66 012 280	73 542 850	75 087 034	91 017 372
May	50 798 380	63 388 668	61 111 057	67 739 239	70 861 075	78 622 771	95 037 195
Jun	52 061 841	61 480 294	61 506 999	67 421 776	72 094 428	81 872 237	92 174 559
Jul	50 931 766	64 150 173	62 476 181	67 994 026	72 069 867	82 831 295	93 045 306
Aug	50 148 192	64 459 604	61 398 491	67 536 937	72 803 958	84 185 371	95 538 856
Sep	50 202 739	65 474 827	61 449 492	68 992 558	73 858 113	84 557 792	90 005 371
Oct	54 182 294	66 032 341	62 795 019	68 408 063	71 079 209	86 257 454	98 135 661
Nov	54 705 381	65 646 629	60 760 554	69 327 334	72 595 794	87 082 830	97 388 673
Dec	56 066 253	63 375 947	62 504 779	68 871 938	75 981 138	86 323 608	

Table 8a - Sales of manufactured products according to manufacturing divisions and major groups (R'000)

Manufacturing divisions and major groups	Year 2006	Actual values			Seasonally adjusted values		
		November 2006	1/ October 2007	1/ November 2007	November 2006	October 2007	November 2007
Food and beverages	162 972 883	15 563 865	17 887 948	18 705 839	14 185 010	16 860 110	17 036 299
-Meat, fish, fruit etc.	41 176 139	3 869 192	4 495 895	4 561 402	3 561 749	4 191 823	4 203 509
-Dairy products	14 565 753	1 365 547	1 580 180	1 554 261	1 271 160	1 470 569	1 450 209
-Grain mill products	27 228 030	2 564 499	3 354 504	3 428 258	2 418 530	3 310 002	3 225 699
-Other food products	36 470 564	3 579 432	3 908 071	4 325 312	3 129 086	3 568 265	3 763 545
-Beverages	43 532 397	4 185 195	4 549 298	4 836 606	3 804 485	4 319 451	4 393 337
Textiles, clothing, leather and footwear	38 738 057	3 945 730	4 070 131	4 293 643	3 296 291	3 576 129	3 581 966
-Textiles	6 176 472	599 638	604 711	652 672	532 063	556 602	577 507
-Other textile products	10 386 013	1 059 433	1 059 737	1 113 974	878 747	944 999	919 168
-Knitted, crocheted articles	1 709 727	178 331	169 943	186 284	158 109	159 597	164 834
-Wearing apparel	13 475 245	1 440 238	1 448 397	1 549 813	1 135 103	1 241 089	1 221 752
-Leather and leather products	4 370 166	400 795	475 769	464 528	380 050	424 662	440 354
-Footwear	2 620 434	267 295	311 574	326 372	212 217	249 180	258 351
Wood and wood products, paper, publishing and printing	85 858 496	8 358 598	8 663 563	9 163 679	7 360 028	7 932 821	8 066 987
-Sawmilling and planing of wood	5 768 969	566 072	571 011	574 315	508 456	524 364	517 562
-Products of wood	12 545 668	1 271 268	1 381 057	1 435 430	1 080 130	1 213 715	1 217 533
-Paper and paper products	37 847 135	3 576 269	3 543 805	3 891 086	3 248 962	3 400 651	3 531 350
-Publishing	12 635 281	1 279 577	1 323 606	1 344 689	1 120 826	1 196 583	1 181 771
-Printing, recorded media	17 061 443	1 665 412	1 844 084	1 918 159	1 401 655	1 597 508	1 618 772
Petroleum, chemical products, rubber and plastic products	199 464 801	20 156 764	22 900 597	23 915 594	17 958 115	21 156 331	21 289 779
-Coke, petroleum products and nuclear fuel	71 375 299	6 770 208	8 045 761	8 438 070	6 484 574	7 881 351	8 064 711
-Basic chemicals	43 317 004	4 595 124	5 176 680	5 311 843	3 930 484	4 535 133	4 527 864
-Other chemical products	48 088 076	4 902 623	5 250 504	5 615 593	4 260 197	4 754 141	4 867 304
-Rubber products	9 633 869	963 451	1 001 572	1 015 733	850 504	947 777	891 331
-Plastic products	27 050 553	2 925 358	3 426 080	3 534 355	2 432 356	3 037 929	2 938 570
Glass and non-metallic mineral products	29 409 940	2 940 534	3 136 406	3 266 401	2 542 043	2 741 835	2 823 591
-Glass and glass products	5 394 842	585 316	556 118	625 605	460 988	473 926	493 118
-Non-metallic mineral products	24 015 098	2 355 218	2 580 288	2 640 796	2 081 055	2 267 909	2 330 472
Basic iron and steel, non-ferrous metal products, metal products and machinery	211 933 060	21 334 085	23 384 012	23 372 245	19 495 952	21 491 377	21 324 171
-Basic iron and steel products	79 266 467	8 229 609	8 955 682	9 084 591	7 735 007	8 273 938	8 498 414
-Non-ferrous metal products	33 503 712	3 288 373	3 524 121	3 498 133	3 039 070	3 326 442	3 237 327
-Structural metal products	15 644 024	1 549 704	1 806 628	1 833 197	1 378 948	1 614 616	1 624 518
-Other fabricated metal products	30 245 855	3 180 278	3 707 163	3 606 311	2 813 188	3 378 717	3 187 626
-General purpose machinery	19 554 445	1 869 469	2 107 334	2 054 736	1 692 049	1 898 415	1 854 724
-Special purpose machinery	24 012 090	2 258 552	2 337 800	2 328 149	2 052 998	2 155 197	2 122 757
-Household appliances	9 706 467	958 100	945 284	967 128	784 692	844 052	798 805
-Electrical machinery	29 647 788	3 206 899	3 409 930	3 521 887	2 806 076	3 173 536	3 072 894
Radio, television and communication apparatus and professional equipment	12 960 442	1 273 563	1 234 891	1 287 074	1 150 908	1 179 288	1 160 989
-Radio, television and communication apparatus	7 541 477	777 615	695 848	748 826	688 296	654 899	658 835
-Professional equipment	5 418 965	495 948	539 043	538 248	462 612	524 389	502 154
Motor vehicles, parts and accessories and other transport equipment	156 134 063	15 862 990	17 341 349	16 347 693	14 092 199	15 535 349	14 528 759
-Motor vehicles	84 832 480	8 455 088	8 932 436	8 079 692	7 464 066	7 981 934	7 149 638
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	675 534	749 298	747 331	561 657	662 564	621 650
-Parts and accessories	53 953 406	5 655 987	6 458 271	6 386 183	5 022 734	5 744 829	5 663 331
-Other transport equipment	11 112 126	1 076 381	1 201 344	1 134 487	1 043 742	1 146 022	1 094 140
Furniture and other manufacturing division	47 473 542	4 818 895	4 952 488	5 191 858	4 196 209	4 488 883	4 503 238
-Furniture	11 111 675	1 267 381	1 272 123	1 367 667	961 468	1 015 402	1 034 453
-Other manufacturing groups	36 361 867	3 551 514	3 680 365	3 824 191	3 234 740	3 473 481	3 468 785
Total	974 593 072	97 461 923	106 981 315	109 065 913	87 082 830	98 135 661	97 388 673

1/ Preliminary.

Table 8b - Sales of manufactured products according to manufacturing divisions and major groups (R'000) (concluded)

Manufacturing divisions and major groups	Year 2006	Value of sales			Seasonally adjusted value of sales		
		November 2006	November 2007	Percentage change between November 2006 and November 2007	October 2007	November 2007	Percentage change between October and November 2007
Food and beverages	162 972 883	15 563 865	18 705 839	20,2	16 860 110	17 036 299	1,0
-Meat, fish, fruit etc.	41 176 139	3 869 192	4 561 402	17,9	4 191 823	4 203 509	0,3
-Dairy products	14 565 753	1 365 547	1 554 261	13,8	1 470 569	1 450 209	-1,4
-Grain mill products	27 228 030	2 564 499	3 428 258	33,7	3 310 002	3 225 699	-2,5
-Other food products	36 470 564	3 579 432	4 325 312	20,8	3 568 265	3 763 545	5,5
-Beverages	43 532 397	4 185 195	4 836 606	15,6	4 319 451	4 393 337	1,7
Textiles, clothing, leather and footwear	38 738 057	3 945 730	4 293 643	8,8	3 576 129	3 581 966	0,2
-Textiles	6 176 472	599 638	652 672	8,8	556 602	577 507	3,8
-Other textile products	10 386 013	1 059 433	1 113 974	5,1	944 999	919 168	-2,7
-Knitted, crocheted articles	1 709 727	178 331	186 284	4,5	159 597	164 834	3,3
-Wearing apparel	13 475 245	1 440 238	1 549 813	7,6	1 241 089	1 221 752	-1,6
-Leather and leather products	4 370 166	400 795	464 528	15,9	424 662	440 354	3,7
-Footwear	2 620 434	267 295	326 372	22,1	249 180	258 351	3,7
Wood and wood products, paper, publishing and printing	85 858 496	8 358 598	9 163 679	9,6	7 932 821	8 066 987	1,7
-Sawmilling and planing of wood	5 768 969	566 072	574 315	1,5	524 364	517 562	-1,3
-Products of wood	12 545 668	1 271 268	1 435 430	12,9	1 213 715	1 217 533	0,3
-Paper and paper products	37 847 135	3 576 269	3 891 086	8,8	3 400 651	3 531 350	3,8
-Publishing	12 635 281	1 279 577	1 344 689	5,1	1 196 583	1 181 771	-1,2
-Printing, recorded media	17 061 443	1 665 412	1 918 159	15,2	1 597 508	1 618 772	1,3
Petroleum, chemical products, rubber and plastic products	199 464 801	20 156 764	23 915 594	18,6	21 156 331	21 289 779	0,6
-Coke, petroleum products and nuclear fuel	71 375 299	6 770 208	8 438 070	24,6	7 881 351	8 064 711	2,3
-Basic chemicals	43 317 004	4 595 124	5 311 843	15,6	4 535 133	4 527 864	-0,2
-Other chemical products	48 088 076	4 902 623	5 615 593	14,5	4 754 141	4 867 304	2,4
-Rubber products	9 633 869	963 451	1 015 733	5,4	947 777	891 331	-6,0
-Plastic products	27 050 553	2 925 358	3 534 355	20,8	3 037 929	2 938 570	-3,3
Glass and non-metallic mineral products	29 409 940	2 940 534	3 266 401	11,1	2 741 835	2 823 591	3,0
-Glass and glass products	5 394 842	585 316	625 605	6,9	473 926	493 118	4,0
-Non-metallic mineral products	24 015 098	2 355 218	2 640 796	12,1	2 267 909	2 330 472	2,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	211 933 060	21 334 085	23 372 245	9,6	21 491 377	21 324 171	-0,8
-Basic iron and steel products	79 266 467	8 229 609	9 084 591	10,4	8 273 938	8 498 414	2,7
-Non-ferrous metal products	33 503 712	3 288 373	3 498 133	6,4	3 326 442	3 237 327	-2,7
-Structural metal products	15 644 024	1 549 704	1 833 197	18,3	1 614 616	1 624 518	0,6
-Other fabricated metal products	30 245 855	3 180 278	3 606 311	13,4	3 378 717	3 187 626	-5,7
-General purpose machinery	19 554 445	1 869 469	2 054 736	9,9	1 898 415	1 854 724	-2,3
-Special purpose machinery	24 012 090	2 258 552	2 328 149	3,1	2 155 197	2 122 757	-1,5
-Household appliances	9 706 467	958 100	967 128	0,9	844 052	798 805	-5,4
-Electrical machinery	29 647 788	3 206 899	3 521 887	9,8	3 173 536	3 072 894	-3,2
Radio, television and communication apparatus and professional equipment	12 960 442	1 273 563	1 287 074	1,1	1 179 288	1 160 989	-1,6
-Radio, television and communication apparatus	7 541 477	777 615	748 826	-3,7	654 899	658 835	0,6
-Professional equipment	5 418 965	495 948	538 248	8,5	524 389	502 154	-4,2
Motor vehicles, parts and accessories and other transport equipment	156 134 063	15 862 990	16 347 693	3,1	15 535 349	14 528 759	-6,5
-Motor vehicles	84 832 480	8 455 088	8 079 692	-4,4	7 981 934	7 149 638	-10,4
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	675 534	747 331	10,6	662 564	621 650	-6,2
-Parts and accessories	53 953 406	5 655 987	6 386 183	12,9	5 744 829	5 663 331	-1,4
-Other transport equipment	11 112 126	1 076 381	1 134 487	5,4	1 146 022	1 094 140	-4,5
Furniture and other manufacturing division	47 473 542	4 818 895	5 191 858	7,7	4 488 883	4 503 238	0,3
-Furniture	11 111 675	1 267 381	1 367 667	7,9	1 015 402	1 034 453	1,9
-Other manufacturing groups	36 361 867	3 551 514	3 824 191	7,7	3 473 481	3 468 785	-0,1
Total	974 593 072	97 461 923	109 065 913	11,9	98 135 661	97 388 673	-0,8

1/ Preliminary.

Table 9 - 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)		
		September to November 2006	September to November 2007	Annual percentage change between September to November 2006 and September to November 2007	September to November 2006	September to November 2007	Annual percentage change between September to November 2006 and September to November 2007
Food and beverages	16,4	128,9	134,5	4,3	44 594 814	52 870 132	18,6
-Meat, fish, fruit etc.	2,6	124,1	131,6	6,0	11 199 693	13 228 512	18,1
-Dairy products	1,1	120,7	117,8	-2,4	3 969 090	4 578 267	15,3
-Grain mill products	1,5	127,0	130,2	2,5	7 284 116	9 789 171	34,4
-Other food products	6,8	127,7	126,8	-0,7	10 271 564	11 659 660	13,5
-Beverages	4,3	136,7	154,2	12,8	11 870 351	13 614 522	14,7
Textiles, clothing, leather and footwear	5,4	114,6	117,6	2,6	11 087 345	11 918 804	7,5
-Textiles	1,2	92,5	87,8	-5,1	1 748 715	1 815 707	3,8
-Other textile products	1,2	136,2	136,0	-0,1	2 917 546	3 049 510	4,5
-Knitted, crocheted articles	0,3	92,8	93,4	0,6	486 211	506 060	4,1
-Wearing apparel	2,0	124,7	132,7	6,4	3 971 982	4 299 652	8,2
-Leather and leather products	0,3	103,7	113,4	9,4	1 173 397	1 354 928	15,5
-Footwear	0,4	96,6	104,1	7,8	789 494	892 947	13,1
Wood and wood products, paper, publishing and printing	11,0	128,7	127,4	-1,0	24 280 987	26 109 198	7,5
-Sawmilling and planing of wood	0,7	130,9	117,3	-10,4	1 644 570	1 656 273	0,7
-Products of wood	1,0	146,3	150,8	3,1	3 626 736	4 120 716	13,6
-Paper and paper products	4,8	123,1	120,8	-1,9	10 549 405	11 089 650	5,1
-Publishing	2,4	134,7	133,6	-0,8	3 616 348	3 890 065	7,6
-Printing, recorded media	2,1	125,6	127,2	1,3	4 843 928	5 352 494	10,5
Petroleum, chemical products, rubber and plastic products	22,5	125,0	137,1	9,7	57 630 038	67 455 352	17,0
-Coke, petroleum products and nuclear fuel	9,1	90,0	101,8	13,1	19 953 498	24 322 713	21,9
-Basic chemicals	4,0	144,3	159,2	10,3	13 036 523	14 876 900	14,1
-Other chemical products	5,4	147,6	156,9	6,3	13 804 115	15 567 610	12,8
-Rubber products	1,1	97,3	90,7	-6,8	2 700 754	2 833 969	4,9
-Plastic products	3,0	176,1	198,0	12,4	8 135 148	9 854 160	21,1
Glass and non-metallic mineral products	3,9	148,1	149,3	0,8	8 531 481	9 297 010	9,0
-Glass and glass products	1,1	174,6	174,8	0,1	1 639 972	1 726 713	5,3
-Non-metallic mineral products	2,9	138,3	139,8	1,1	6 891 509	7 570 297	9,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	130,5	133,0	1,9	62 565 318	67 743 105	8,3
-Basic iron and steel products	5,5	118,8	110,0	-7,4	24 590 333	25 706 574	4,5
-Non-ferrous metal products	4,7	119,6	121,2	1,3	9 629 426	10 356 587	7,6
-Structural metal products	1,3	140,0	160,7	14,8	4 554 425	5 424 893	19,1
-Other fabricated metal products	4,2	139,7	155,5	11,3	8 775 971	10 538 225	20,1
-General purpose machinery	2,4	127,1	130,9	3,0	5 558 158	6 088 499	9,5
-Special purpose machinery	3,2	147,6	147,9	0,2	6 761 342	6 909 677	2,2
-Household appliances	1,2	146,6	142,7	-2,7	2 695 663	2 718 650	0,9
Electrical machinery	2,7	117,0	121,5	3,8	8 933 408	10 145 535	13,6
Radio, television and communication apparatus and professional equipment	1,3	120,1	125,8	4,7	3 623 234	3 818 656	5,4
-Radio, television and communication apparatus	0,7	110,1	107,8	-2,1	2 175 887	2 177 580	0,1
-Professional equipment	0,6	130,2	143,9	10,5	1 447 347	1 641 076	13,4
Motor vehicles, parts and accessories and other transport equipment	8,6	162,8	152,5	-6,3	45 732 864	46 454 225	1,6
-Motor vehicles	4,1	169,7	149,6	-11,8	24 741 036	23 355 768	-5,6
-Bodies for motor vehicles, trailers and semi-trailers	0,4	228,7	236,5	3,4	1 886 475	2 095 404	11,1
-Parts and accessories	3,1	164,7	161,7	-1,8	15 997 842	17 648 499	10,3
-Other transport equipment	1,0	103,8	103,8	0,0	3 107 511	3 354 554	7,9
Furniture and other manufacturing division	5,8	134,6	141,2	4,9	13 812 060	14 963 013	8,3
-Furniture	1,6	179,3	175,4	-2,2	3 566 552	3 652 377	2,4
-Other manufacturing groups	4,2	117,8	128,3	8,9	10 245 508	11 310 636	10,4
Total	100,0	131,2	135,1	3,0	280 791 549	310 775 030	10,7

Table 10 - 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 Nov. 2006	Jan. to Nov. 2007	Annual percentage change between 2006 and 2007	Contribution (percentage points)	Jan. to Nov. 2006	Jan. to Nov. 2007	Annual percentage change between 2006 and 2007	Difference in sales between 2006 and 2007
Food and beverages	16,4	119,1	124,5	4,5	0,7	146 964	172 163	17,1	25 199
-Meat, fish, fruit etc.	2,6	124,1	130,9	5,5	0,1	37 223	43 998	18,2	6 775
-Dairy products	1,1	109,1	111,4	2,1	0,0	13 163	14 795	12,4	1 632
-Grain mill products	1,5	124,0	129,5	4,4	0,1	24 696	31 955	29,4	7 259
-Other food products	6,8	111,3	112,7	1,3	0,1	33 424	36 945	10,5	3 521
-Beverages	4,3	129,2	140,9	9,1	0,4	38 459	44 471	15,6	6 012
Textiles, clothing, leather and footwear	5,4	101,8	104,5	2,7	0,1	36 034	38 521	6,9	2 487
-Textiles	1,2	83,1	83,2	0,1	0,0	5 781	6 186	7,0	405
-Other textile products	1,2	122,8	121,5	-1,1	0,0	9 700	10 111	4,2	411
-Knitted, crocheted articles	0,3	82,8	86,2	4,1	0,0	1 598	1 715	7,3	117
-Wearing apparel	2,0	108,3	114,5	5,7	0,1	12 470	13 395	7,4	925
-Leather and leather products	0,3	99,5	104,4	4,9	0,0	4 060	4 523	11,4	463
-Footwear	0,4	84,3	86,7	2,8	0,0	2 424	2 592	6,9	168
Wood and wood products, paper, publishing and printing	11,0	116,6	118,4	1,5	0,2	78 998	86 419	9,4	7 421
-Sawmilling and planing of wood	0,7	120,8	119,4	-1,2	0,0	5 375	5 778	7,5	403
-Products of wood	1,0	133,1	138,1	3,8	0,0	11 685	13 279	13,6	1 594
-Paper and paper products	4,8	112,6	113,7	1,0	0,0	34 664	37 266	7,5	2 602
-Publishing	2,4	119,6	124,1	3,8	0,1	11 484	13 085	13,9	1 601
-Printing, recorded media	2,1	113,2	112,7	-0,4	0,0	15 790	17 011	7,7	1 221
Petroleum, chemical products, rubber and plastic products	22,5	116,0	124,9	7,7	1,7	183 330	217 139	18,4	33 809
-Coke, petroleum products and nuclear fuel	9,1	94,7	96,2	1,6	0,1	65 609	77 616	18,3	12 007
-Basic chemicals	4,0	124,8	143,3	14,8	0,6	39 735	48 104	21,1	8 369
-Other chemical products	5,4	131,3	142,2	8,3	0,4	44 120	50 764	15,1	6 644
-Rubber products	1,1	92,1	85,2	-7,5	-0,1	8 928	9 564	7,1	636
-Plastic products	3,0	151,0	172,7	14,4	0,4	24 938	31 091	24,7	6 153
Glass and non-metallic mineral products	3,9	131,9	138,7	5,2	0,2	27 387	30 843	12,6	3 456
-Glass and glass products	1,1	150,8	155,6	3,2	0,0	4 944	5 383	8,9	439
-Non-metallic mineral products	2,9	124,9	132,5	6,1	0,2	22 444	25 460	13,4	3 016
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	121,5	127,9	5,3	1,2	194 813	233 399	19,8	38 586
-Basic iron and steel products	5,5	112,4	112,3	-0,1	0,0	72 548	91 690	26,4	19 142
-Non-ferrous metal products	4,7	119,1	119,2	0,1	0,0	30 591	36 131	18,1	5 540
-Structural metal products	1,3	126,3	139,9	10,8	0,1	14 595	17 129	17,4	2 534
-Other fabricated metal products	4,2	125,6	144,7	15,2	0,6	28 063	34 412	22,6	6 349
-General purpose machinery	2,4	112,9	121,4	7,5	0,2	18 006	20 272	12,6	2 266
-Special purpose machinery	3,2	134,7	143,5	6,5	0,2	21 976	24 469	11,3	2 493
-Household appliances	1,2	137,1	134,2	-2,1	0,0	9 035	9 296	2,9	261
Electrical machinery	2,7	106,1	109,1	2,8	0,1	27 266	32 966	20,9	5 700
Radio, television and communication apparatus and professional equipment	1,3	110,4	117,9	6,8	0,1	11 914	12 975	8,9	1 061
-Radio, television and communication apparatus	0,7	96,3	100,5	4,4	0,0	6 907	7 311	5,8	404
-Professional equipment	0,6	124,7	135,5	8,7	0,1	5 007	5 665	13,1	658
Motor vehicles, parts and accessories and other transport equipment	8,6	150,3	149,2	-0,7	-0,1	145 821	163 450	12,1	17 629
-Motor vehicles	4,1	154,3	145,5	-5,7	-0,2	79 220	81 865	3,3	2 645
-Bodies for motor vehicles, trailers and semi-trailers	0,4	192,9	223,3	15,8	0,1	5 767	7 068	22,6	1 301
-Parts and accessories	3,1	157,0	159,2	1,4	0,0	50 630	62 343	23,1	11 713
-Other transport equipment	1,0	96,8	105,1	8,6	0,0	10 204	12 174	19,3	1 970
Furniture and other manufacturing division	5,8	114,8	120,9	5,3	0,3	43 750	49 234	12,5	5 484
-Furniture	1,6	145,4	144,9	-0,3	0,0	10 331	10 875	5,3	544
-Other manufacturing groups	4,2	103,2	111,9	8,4	0,4	33 419	38 359	14,8	4 940
Total	100,0	120,2	125,6	4,5	4,5	896 277	1 037 109	15,7	140 832

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 November 2007 was 72,0%. Improved response rate for October 2007 was 85,9%.
- 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 3 046 enterprises, which was drawn in May 2007 from a population then of 56 801 manufacturing enterprises. Each manufacturing major group is divided into four size groups. The sample is drawn at the SIC three-digit level. All large enterprises (size group one), are completely enumerated. Simple random sampling is applied for size group two (medium sized) enterprises, and for size groups three and four (small) enterprises. The total value of sales of manufactured products of large enterprises (size group one) in a major group is added to the weighted totals of size groups two, three and four of that major group to reflect the total value of sales of the major group.
 - 13 The calculation of the monthly production indices is based on the value of sales of products and articles manufactured and change in monthly value of stocks of manufactured products, after the effect of price changes has been eliminated through deflation using appropriate indices of the Production Price Index (PPI). For 38 of the 44 major groups in manufacturing, the value of production is calculated from the value of sales and stocks of manufactured products obtained from the monthly survey of manufacturing enterprises.
 - 14 More direct indicators are used for the value of production of tobacco, coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles and parts and accessories for motor vehicles. The volume indices for these major groups are calculated on the basis of physical quantities. This method is used by the national statistical agencies of many other countries for petroleum products as the results are considered more satisfactory (mainly because these commodities are relatively homogeneous).
- Weighting methodology**
- 15 For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at www.statssa.gov.za/publications/publicationsearch.asp.
 - 16 For indices, a weight is calculated for every major group according to the value added of the major group relative to the total value added of the manufacturing industry as a whole, based on the results of the most recent census of manufacturing or large sample survey of the manufacturing industry. For the period 1996 to 2000, the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 2007, the weights are based on the 2001 large sample survey of the manufacturing industry. Weights between census years are fixed. The production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total physical volume of manufacturing production (see table E for the fixed weights which were used for the two periods 1996 to 2000 and 2001 to 2007).
- Seasonal adjustment**
- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Programme developed by the US Bureau of the Census, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. Therefore the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

- Trend cycle** 18 The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Programme is used for smoothing seasonally adjusted estimates to estimates of the underlying trend cycle.
- Reliability of estimates** 19 Data presented in this publication are based on information obtained from a sample and are, therefore, subject to sampling variability; that is, they may differ from the figures that would have been produced if the data had been obtained from all enterprises in the manufacturing industry in South Africa. Estimates are subject to sampling and non-sampling errors.
- 20 Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Fluctuations may occur in consecutive months as a result of seasonal and economic factors.
- Revised figures** 21 Revised figures are due to late submission of data to Stats SA, or to respondents reporting revisions or corrections to their figures. Preliminary figures are indicated in the relevant tables. Data are edited at the enterprise level.
- Related publications** 22 Users may also wish to refer to the following publications available from Stats SA -
- *Bulletin of Statistics* issued quarterly.
 - *SA Statistics* issued annually.
- Rounding of figures** 23 The figures in the tables have, where necessary, been rounded to the nearest digit shown.
- Pre-release policy** 24 Stats SA's pre-release policy may be inspected at its website, www.statssa.gov.za
- Symbols and abbreviations** 25
- | | |
|----------|---|
| GDP | Gross Domestic Product |
| ISIC | International Standard Industrial Classification |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value-added tax |
| 1/ | Preliminary figures |
| * | Revised figures |

Technical notes

26 Neyman optimal allocation

Before drawing a sample in the survey the population of enterprises on the BSF was stratified. Strata were formed using a combination of Standard Industrial Classification variable and the measure of size variable for enterprises. The Neyman optimal allocation formula used to allocate samples to each stratum is given by a formula below.

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

where N_h and S_h are the stratum population size and the stratum variance, respectively.

Class limits: Manufacturing

Enterprise size	Lower limits	Upper limits
Very small	0	5 000 000
Small	5 000 001	13 000 000
Medium	13 000 001	102 000 000
Large	102 000 001	

Glossary

Enterprise	The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.
Index of physical volume of manufacturing production	The index of physical volume of manufacturing production, also known as a production index, is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The base period is 2000. The production in the base period is set at 100.
Industry	An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the <i>System of National Accounts (SNA)</i> in the same way as in the <i>1993 Standard Industrial Classification of all Economic Activities</i> , Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).
Intermediate consumption	Intermediate consumption includes - <ul style="list-style-type: none">• purchases and transfers-in of materials;• payments to other establishments for work done;• other direct factory costs;• rent and leasing paid;• head office charges;• royalties, copyright, trade names and patent rights paid;• advertising;• insurance premiums;• services; and• secretarial and administrative fees.
Output	Output is the aggregate value of goods manufactured and work done and includes - <ul style="list-style-type: none">• sales and transfers-out of own manufactures, factory waste and stocks of factored goods;• repairs;• installation, erection and assembly;• sundry trading revenue;• sales of factored goods minus purchases of factored goods;• rent and leasing received;• royalties received;• difference between opening value and closing value of work in progress, stocks of own manufactures and stocks of factored goods;• head office charges; and• other revenue. Output excludes excise and customs duty paid.
Value added	Value added is the value of output less intermediate consumption. It represents the value added to the cost of the materials used in the process of production.
Sales	Sales are the total value of sales and transfers-out of all own manufactured products/articles and the amounts received for installation, erection or assembly or other services rendered.
Turnover	Turnover refers to - <ul style="list-style-type: none">• the value of sales and transfers out of all own manufactured products/articles;• amounts received for work done; and• amounts received for services rendered.

Turnover excludes -

- value-added tax (VAT);
- export freight charges; and
- excise duty.

Weight

The weight of a major group of manufacturing in the overall index for manufacturing is the ratio of the value added of the major group (i.e. output of a major group minus intermediate consumption) to the total value added of the manufacturing industry. The weight reflects the importance of the major group in the total. The weights change over time due to changes in the relative performance of industries, due to factors such as quality changes, changes in relative prices, and changes in customer preferences. New weights need to be calculated from time to time.

Table E – Weights according to manufacturing major groups

Manufacturing divisions and major groups	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2007	Weights according to the 1996 census of manufacturing 1996 - 2000
Food and beverages	16,4	15,3
Meat, fish, fruit, etc.	2,6	2,8
Dairy products	1,1	1,4
Grain mill products	1,5	2,1
Other food products	6,8	4,4
Beverages	4,3	4,6
Textiles, clothing, leather and footwear	5,4	7,8
Textiles	1,2	1,7
Other textile products	1,2	1,2
Knitted, crocheted articles	0,3	0,6
Wearing apparel	2,0	3,0
Tanning, dressing of leather	0,3	0,4
Footwear	0,4	0,9
Wood and wood products, paper, publishing and printing	11,0	11,4
Sawmilling and planing of wood	0,7	0,8
Products of wood	1,0	1,2
Paper and paper products	4,8	5,3
Publishing	2,4	1,5
Printing, recorded media	2,1	2,6
Petroleum, chemical products, rubber and plastic products	22,5	19,3
Petroleum products	9,1	4,2
Basic chemicals	4,0	4,5
Other chemical products	5,4	6,2
Rubber products	1,1	1,4
Plastic products	3,0	3,1
Glass and non-metallic mineral products	3,9	4,5
Glass and glass products	1,1	1,0
Non-metallic mineral products	2,9	3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	23,6
Basic iron and steel products	5,5	7,6
Non-ferrous metal products	4,7	3,2
Structural metal products	1,3	2,4
Other fabricated metal products	4,2	4,6
General purpose machinery	2,4	2,5
Special purpose machinery	3,2	2,9
Household appliances	1,2	0,4
Electrical machinery	2,7	3,4
Radio, television and communication apparatus and professional equipment	1,3	1,5
Radio, television and communication apparatus	0,7	1,0
Professional equipment	0,6	0,5
Motor vehicles, parts and accessories and other transport equipment	8,6	9,1
Motor vehicles	4,1	4,5
Bodies for motor vehicles, trailers and semi-trailers	0,4	0,5
Parts and accessories	3,1	3,0
Other transport equipment	1,0	1,0
Other manufacturing divisions	5,8	4,1
Furniture	1,6	1,6
Other manufacturing groups	4,2	2,6
Total	100,0	100,0

General information

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