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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

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

Estimates	September 2007	% change between September 2006 and September 2007	% change between July to September 2006 and July to September 2007	% change between January to September 2006 and January to September 2007
Physical volume of manufacturing production index (2000=100)	123,8	-1,4	2,3	4,4
Total value of sales of manufactured products (R million)	94 870	6,5	10,8	16,6

Seasonally adjusted estimates	September 2007	% change between August and September 2007	% change between April to June 2007 and July to September 2007
Physical volume of manufacturing production index (2000=100)	119,2	-4,9	-0,6
Total value of sales of manufactured products (R million)	89 914	-5,9	0,1

Key findings regarding manufacturing production and sales for September 2007

Manufacturing production slows down

Manufacturing production for the first nine months of 2007 recorded growth of 4,4% compared with the first nine months of 2006, down from the average year on year increase of 5,1% up to August 2007. Due to lower production in September 2007, the estimated seasonally adjusted manufacturing production for the third quarter of 2007 decreased by 0,6% compared with the second quarter of 2007. Lower production levels were reported by five of the ten manufacturing divisions. Strike action within the motor vehicle parts and accessories industries during September 2007 was the main contributor to the decrease in manufacturing production.

The major contributor to the seasonally adjusted decrease of 0,6% in total manufacturing production for the third quarter of 2007 compared with the second quarter of 2007 was the motor vehicles, parts and accessories and other transport equipment division (contributing -0,8 of a percentage point), followed by the food and beverages division (contributing -0,3 of a percentage point), the glass and non-metallic mineral products division (contributing -0,2 of a percentage point) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing -0,1 of a percentage point). However, these decreases were partially counteracted by increases reported by the petroleum, chemical products, rubber and plastic products division (contributing +0,7 of a percentage point), the textile, clothing, leather and footwear division (contributing +0,2 of a percentage point) and furniture and 'other' manufacturing division (contributing +0,1 of a percentage point) (see Table B).

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

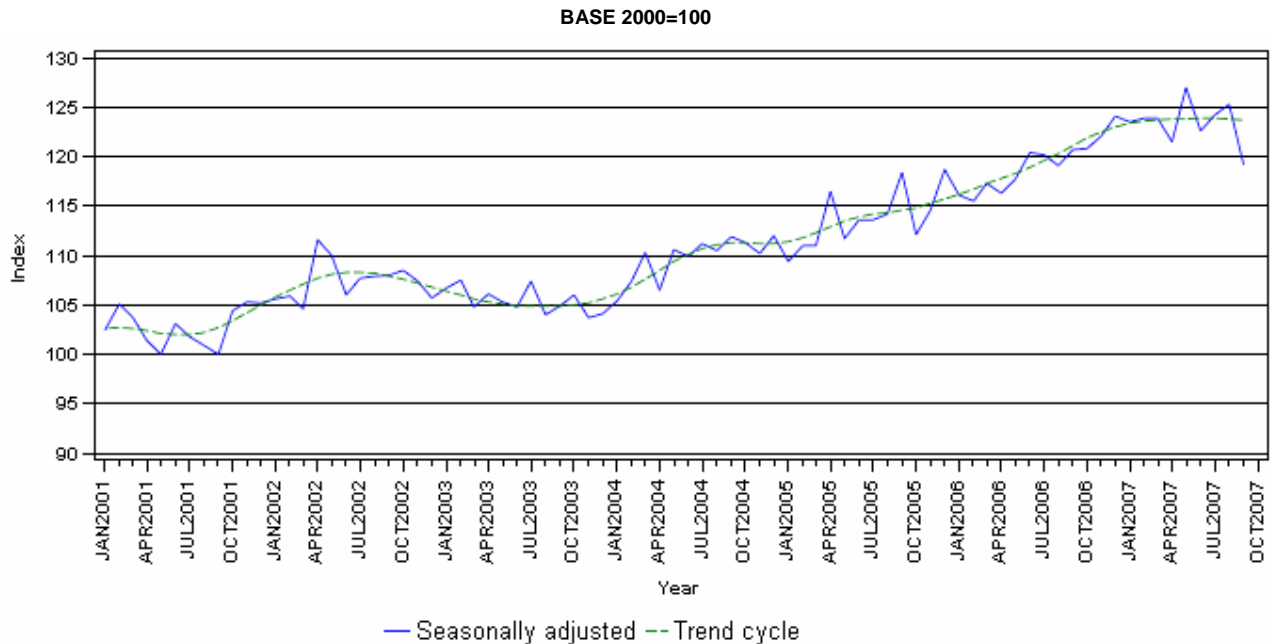
(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to the total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for April to June 2007	Average seasonally adjusted production index for July to September 2007	Quarterly percentage change of July to September 2007 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production
Food and beverages	16,4	127,3	125,0	-1,8	-0,3
-Food and food products	12,1	120,1	118,6	-1,2	-0,1
-Beverages	4,3	147,4	143,0	-3,0	-0,1
Textiles, clothing, leather and footwear	5,4	100,2	103,7	3,5	0,2
-Textiles	2,4	97,6	99,6	2,0	0,0
-Wearing apparel	2,3	107,8	111,0	3,0	0,1
-Leather and leather products	0,3	93,2	110,2	18,2	0,1
-Footwear	0,4	80,2	84,1	4,9	0,0
Wood and wood products, paper, publishing and printing	11,0	117,0	116,7	-0,3	-0,0
-Wood and products of wood	1,7	129,1	129,7	0,5	0,0
-Paper and paper products	4,8	114,7	110,7	-3,5	-0,2
-Publishing and printing	4,6	114,6	118,0	3,0	0,1
Petroleum, chemical products, rubber and plastic products	22,5	119,9	123,9	3,3	0,7
-Coke, petroleum products and nuclear fuel	9,1	85,8	99,0	15,4	1,4
-Basic chemicals	4,0	143,6	140,8	-1,9	-0,1
-Other chemical products	5,4	140,6	138,2	-1,7	-0,1
-Rubber products	1,1	80,6	81,0	0,5	0,0
-Plastic products	3,0	170,7	168,3	-1,4	0,0
Glass and non-metallic mineral products	3,9	139,4	132,9	-4,7	-0,2
-Glass and glass products	1,1	155,4	151,0	-2,8	-0,0
-Non-metallic mineral products	2,9	133,4	126,2	-5,4	-0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,9	126,1	-0,6	-0,1
-Basic iron and steel products	5,5	111,1	109,6	-1,4	-0,1
-Basic precious, non-ferrous metal products	4,7	119,8	119,9	0,1	0,0
-Fabricated metal products	5,5	139,2	141,9	1,9	0,1
-Machinery and equipment	6,7	135,0	131,2	-2,8	-0,2
Electrical machinery	2,7	105,8	106,8	0,9	0,0
Radio, television and communication apparatus and professional equipment	1,3	116,5	118,5	1,7	0,0
-Radio, television and communication apparatus	0,7	101,9	98,4	-3,4	-0,0
-Professional equipment	0,6	131,3	138,7	5,6	0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	145,3	131,4	-9,6	-0,8
-Motor vehicles, trailers, parts and accessories	7,6	150,3	134,9	-10,2	-0,8
-Other transport equipment	1,0	107,0	104,2	-2,6	-0,0
Furniture and other manufacturing division	5,8	118,0	119,4	1,2	0,1
-Furniture	1,6	140,5	140,5	0,0	0,0
-Other manufacturing groups	4,2	109,5	111,5	1,8	0,1
Total	100,0	123,7	122,9	-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 September 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, but has levelled off since the beginning of 2007.

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 the third quarter of 2007 increased by 0,1% (R280 million), after seasonal adjustment, compared with the second quarter of 2007. Higher manufacturing sales were reported by seven of the ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 0,1% in the total value of sales of manufactured products at current prices for the third quarter of 2007 compared with the second quarter of 2007 was mainly due to increases reported for the food and beverages division (+2,7% or +R1 261 million) and the petroleum, chemical products, rubber and plastic products division (+1,9% or +R1 117 million). However, these increases were partially counteracted by decreases reported mainly by the motor vehicles, parts and accessories and other transport equipment division (-4,0% or -R1 727 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (-2,0% or -R1 263 million) (see Table C).

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

Manufacturing divisions and major groups	Seasonally adjusted sales April to June 2007	Seasonally adjusted sales July to September 2007	Percentage change between April to June 2007 and July to September 2007	Difference in seasonally adjusted sales of manufacturing divisions between April to June 2007 and July to September 2007
	R '000	R '000		R '000
Food and beverages	46 689 194	47 949 789	2,7	1 260 595
-Food and food products	33 999 918	35 559 785	4,6	1 559 867
-Beverages	12 689 276	12 390 004	-2,4	-299 272
Textiles, clothing, leather and footwear	10 115 914	10 379 171	2,6	263 257
-Textiles	4 238 759	4 347 574	2,6	108 815
-Wearing apparel	4 062 185	4 092 772	0,8	30 587
-Leather and leather products	1 161 446	1 249 644	7,6	88 198
-Footwear	653 524	689 181	5,5	35 657
Wood and wood products, paper, publishing and printing	23 020 232	23 536 412	2,2	516 180
-Wood and products of wood	4 967 904	5 277 530	6,2	309 626
-Paper and paper products	10 176 214	9 974 545	-2,0	-201 669
-Publishing and printing	7 876 112	8 284 337	5,2	408 225
Petroleum, chemicals products, rubber and plastic products	57 421 470	58 538 212	1,9	1 116 742
-Coke, petroleum products and nuclear fuel	19 978 918	20 599 579	3,1	620 661
-Basic chemicals	12 744 925	13 329 585	4,6	584 660
-Other chemical products	13 724 567	13 647 793	-0,6	-76 774
-Rubber products	2 531 177	2 662 891	5,2	131 714
-Plastic products	8 441 883	8 298 364	-1,7	-143 519
Glass and non-metallic mineral products	8 356 242	8 148 129	-2,5	-208 113
-Glass and glass products	1 493 653	1 401 039	-6,2	-92 614
-Non-metallic mineral products	6 862 588	6 747 091	-1,7	-115 497
Basic iron and steel, non-ferrous metal products, metal products and machinery	63 693 835	62 430 711	-2,0	-1 263 124
-Basic iron and steel products	25 391 319	23 881 037	-5,9	-1 510 282
-Basic precious, non-ferrous metal products	9 984 664	9 724 583	-2,6	-260 081
-Fabricated metal products	13 579 239	14 100 967	3,8	521 728
-Machinery and equipment	14 738 613	14 724 123	-0,1	-14 490
Electrical machinery	8 698 453	8 828 738	1,5	130 285
Radio, television and communication apparatus and professional equipment	3 487 163	3 633 826	4,2	146 663
-Radio, television and communication apparatus	1 983 197	2 058 792	3,8	75 595
-Professional equipment	1 503 966	1 575 035	4,7	71 069
Motor vehicles, parts and accessories and other transport equipment	43 424 200	41 697 096	-4,0	-1 727 104
-Motor vehicles, trailers, parts and accessories	40 052 366	38 380 807	-4,2	-1 671 559
-Other transport equipment	3 371 833	3 316 289	-1,6	-55 544
Furniture and other manufacturing division	13 253 379	13 298 195	0,3	44 816
-Furniture	2 857 725	2 875 970	0,6	18 245
-Other manufacturing groups	10 395 655	10 422 225	0,3	26 570
Total	278 160 082	278 440 279	0,1	280 197

The value of sales of manufactured products at current prices for the third quarter of 2007 was 10,8% (R28 012 million) higher than for the third quarter of 2006 (see Table D).

The major contributors to the increase of 10,8% in sales of manufactured products at current prices for the third quarter of 2007 compared with the third quarter of 2006 were the petroleum, chemical products, rubber and plastic products (+2,9 percentage points or +R7 616 million), the food and beverages (+2,6 percentage points or +R6 663 million), the basic iron and steel, non-ferrous metal products, metal products and machinery (+2,4 percentage points or +R6 269 million), the motor vehicles, parts and accessories and other transport equipment (+0,7 of a percentage point or +R1 893 million) and the wood and wood products, paper, publishing and printing (+0,6 of a percentage point or +R1 548 million) divisions (see Table D).

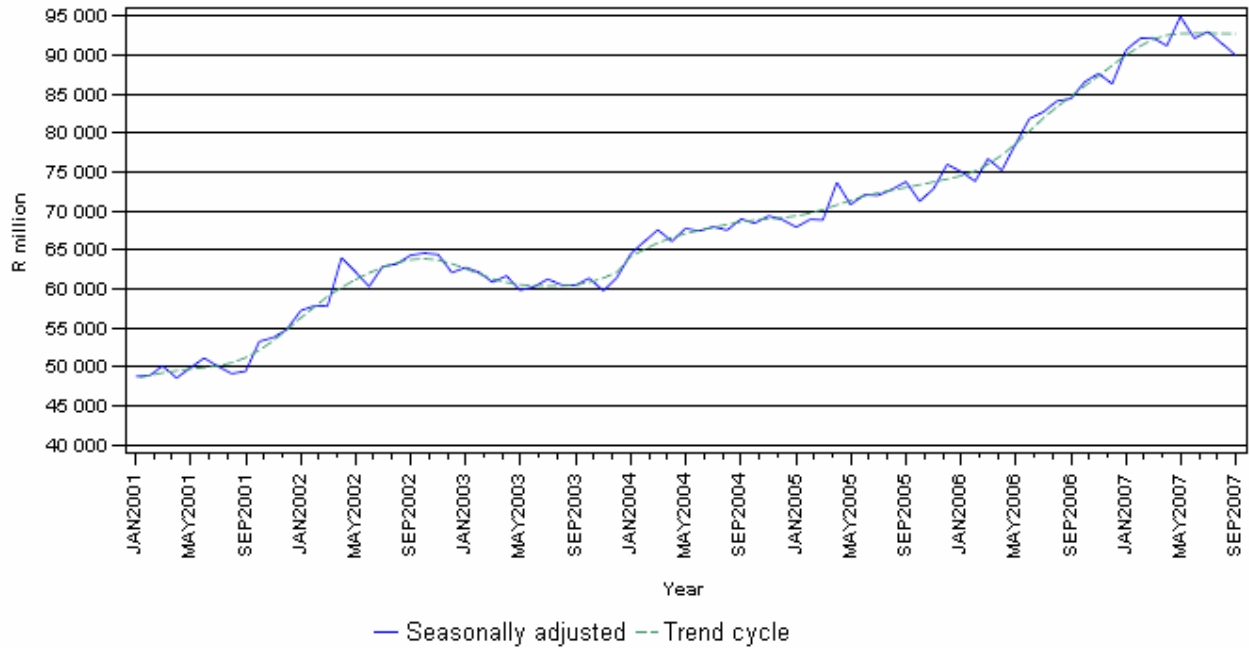
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products July to September 2006	Percentage change between July to September 2006 and July to September 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 July to September 2006 and July to September 2007
				R '000
Food and beverages	15,7	16,3	2,6	6 662 841
-Food and food products	11,7	18,1	2,1	5 493 482
-Beverages	4,1	11,1	0,5	1 169 359
Textiles, clothing, leather and footwear	3,9	7,2	0,3	717 780
-Textiles	1,7	3,9	0,1	169 351
-Wearing apparel	1,5	7,4	0,1	291 878
-Leather and leather products	0,4	20,7	0,1	211 932
-Footwear	0,3	6,3	0,0	44 619
Wood and wood products, paper, publishing and printing	8,7	6,8	0,6	1 548 101
-Wood and products of wood	1,9	12,3	0,2	610 364
-Paper and paper products	3,9	2,2	0,1	220 146
-Publishing and printing	2,9	9,5	0,3	717 591
Petroleum, chemicals products, rubber and plastic products	20,6	14,2	2,9	7 615 583
-Coke, petroleum products and nuclear fuel	7,6	12,4	0,9	2 458 439
-Basic chemicals	4,5	18,1	0,8	2 102 590
-Other chemical products	4,7	12,9	0,6	1 588 614
-Rubber products	1,0	5,1	0,1	134 818
-Plastic products	2,8	18,4	0,5	1 331 122
Glass and non-metallic mineral products	3,1	10,0	0,3	795 260
-Glass and glass products	0,6	3,9	0,0	55 443
-Non-metallic mineral products	2,5	11,4	0,3	739 817
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,2	10,9	2,4	6 269 000
-Basic iron and steel products	8,6	7,5	0,6	1 689 098
-Basic precious, non-ferrous metal products	3,5	8,8	0,3	797 796
-Fabricated metal products	4,7	21,3	1,0	2 612 748
-Machinery and equipment	5,4	8,4	0,5	1 169 358
Electrical machinery	3,1	14,1	0,4	1 148 967
Radio, television and communication apparatus and professional equipment	1,3	9,3	0,1	312 748
-Radio, television and communication apparatus	0,8	5,2	0,0	102 558
-Professional equipment	0,5	15,2	0,1	210 190
Motor vehicles, parts and accessories and other transport equipment	16,4	4,4	0,7	1 893 370
-Motor vehicles, trailers, parts and accessories	15,3	3,7	0,6	1 469 996
-Other transport equipment	1,1	14,5	0,2	423 374
Furniture and other manufacturing division	4,9	8,2	0,4	1 047 861
-Furniture	1,1	3,2	0,0	95 724
-Other manufacturing groups	3,8	9,7	0,4	952 137
Total	100,0	10,8	10,8	28 011 511

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 September 2007. After peaking in September 2002, the trend series declined until May 2003, before resuming its upward movement. The trend is currently moving sideways.

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	1/ 126,1
Aug	102,3	109,8	106,3	113,7	118,2	123,8	1/ 130,2
Sep	103,1	111,4	108,7	116,0	122,9	125,5	1/ 123,8
Oct	114,9	119,6	116,7	122,5	123,2	132,6	
Nov	117,6	119,8	114,9	122,3	127,1	135,4	
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	5,2
Sep	-	8,1	-2,4	6,7	5,9	2,1	-1,4
Oct	-	4,1	-2,4	5,0	0,6	7,6	
Nov	-	1,9	-4,1	6,4	3,9	6,5	
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	116,1	123,5
Feb	105,1	105,9	107,7	107,4	111,0	115,5	123,9
Mar	103,7	104,5	104,7	110,3	111,0	117,3	123,9
Apr	101,7	112,1	106,9	106,5	116,5	116,3	121,5
May	+99,9	109,8	105,1	110,6	111,7	117,7	127,0
Jun	103,1	106,0	104,8	109,9	113,6	120,4	122,6
Jul	101,6	107,4	107,2	111,2	113,6	120,2	124,2
Aug	100,9	107,7	103,8	110,5	114,2	119,1	125,3
Sep	100,0	108,0	105,0	111,9	118,4	120,7	119,2
Oct	104,3	108,6	106,1	111,3	112,1	120,8	
Nov	105,4	107,6	103,8	110,2	114,6	122,1	
Dec	104,9	105,1	103,2	112,0	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		
			September 2006	1/ August 2007	1/ September 2007	September 2006	August 2007	September 2007
Food and beverages	16,4	119,7	124,6	132,1	128,9	119,0	127,4	123,4
-Meat, fish, fruit etc.	2,6	124,5	121,1	125,3	127,8	123,6	128,1	130,6
-Dairy products	1,1	110,4	118,4	111,4	113,2	113,7	112,7	108,8
-Grain mill products	1,5	124,3	125,8	131,1	130,5	122,9	127,8	127,6
-Other food products	6,8	110,4	121,9	137,6	122,6	108,8	118,7	109,6
-Beverages	4,3	132,3	132,3	133,5	143,0	132,4	144,5	143,4
Textiles, clothing, leather and footwear	5,4	99,8	108,0	111,8	106,7	101,8	107,3	100,8
-Textiles	1,2	80,6	93,1	90,7	79,9	84,5	87,5	72,2
-Other textile products	1,2	120,5	124,5	134,6	118,3	121,1	135,1	114,8
-Knitted, crocheted articles	0,3	80,7	85,5	89,4	85,6	82,8	86,4	82,6
-Wearing apparel	2,0	106,7	116,0	118,8	121,5	109,0	111,1	114,9
-Leather and leather products	0,3	98,2	95,7	100,5	107,8	99,1	103,4	111,3
-Footwear	0,4	82,2	94,6	102,8	97,0	81,9	90,1	84,1
Wood and wood products, paper, publishing and printing	11,0	116,1	125,1	120,0	119,5	120,1	117,7	114,8
-Sawmilling and planing of wood	0,7	118,3	127,8	114,6	117,7	122,1	111,7	112,7
-Products of wood	1,0	130,5	137,3	155,4	148,3	130,2	143,0	140,3
-Paper and paper products	4,8	112,6	126,0	112,9	114,8	119,3	111,3	108,8
-Publishing	2,4	120,1	125,3	126,6	122,6	123,0	124,3	120,4
-Printing, recorded media	2,1	111,8	116,5	113,3	113,8	113,0	114,4	110,5
Petroleum, chemical products, rubber and plastic products	22,5	115,7	116,3	127,1	123,3	115,4	123,3	122,4
-Coke, petroleum products and nuclear fuel	9,1	95,0	85,2	100,4	88,5	92,2	97,1	95,9
-Basic chemicals	4,0	125,4	121,3	150,8	143,4	118,2	143,3	139,7
-Other chemical products	5,4	130,6	139,6	142,7	142,3	133,4	141,3	136,1
-Rubber products	1,1	89,6	98,6	73,5	95,9	95,0	68,4	92,3
-Plastic products	3,0	149,5	169,6	169,6	179,5	158,5	165,6	167,3
Glass and non-metallic mineral products	3,9	130,4	143,2	139,3	140,3	132,4	131,7	129,6
-Glass and glass products	1,1	150,7	164,0	151,9	163,4	152,7	148,0	152,2
-Non-metallic mineral products	2,9	122,9	135,5	134,6	131,7	124,8	125,6	121,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	126,5	132,9	128,3	122,9	128,2	124,8
-Basic iron and steel products	5,5	111,7	122,3	108,5	108,5	122,4	110,8	108,7
-Non-ferrous metal products	4,7	119,3	116,8	126,2	123,9	117,3	122,8	124,4
-Structural metal products	1,3	123,8	131,4	144,7	156,5	123,3	139,7	146,6
-Other fabricated metal products	4,2	123,9	128,9	157,4	143,0	123,4	147,8	137,3
-General purpose machinery	2,4	112,3	125,0	127,7	124,5	115,0	122,1	115,4
-Special purpose machinery	3,2	134,7	140,0	152,5	141,2	134,8	141,8	136,1
-Household appliances	1,2	134,4	136,5	134,3	130,3	128,7	126,0	123,9
Electrical machinery	2,7	104,9	111,0	112,8	112,6	105,1	107,1	106,6
Radio, television and communication apparatus and professional equipment	1,3	109,7	118,6	123,4	121,6	112,7	123,1	115,8
-Radio, television and communication apparatus	0,7	96,3	104,5	97,8	106,5	92,4	100,3	95,0
-Professional equipment	0,6	123,4	133,0	149,4	137,0	133,3	146,2	136,9
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	151,4	163,1	106,0	143,7	147,2	101,0
-Motor vehicles	4,1	149,0	152,5	161,2	93,7	147,5	140,2	91,0
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	217,7	248,8	201,1	198,4	227,5	181,6
-Parts and accessories	3,1	151,3	157,1	173,0	113,8	145,8	159,0	106,3
-Other transport equipment	1,0	96,2	103,9	107,4	96,9	100,8	109,0	95,2
Furniture and other manufacturing division	5,8	113,2	134,9	118,2	138,5	122,9	119,1	125,2
-Furniture	1,6	142,9	160,7	144,8	150,1	146,9	138,5	136,5
-Other manufacturing groups	4,2	102,0	125,2	108,2	134,2	113,8	111,8	121,0
Total	100,0	119,3	125,5	130,2	123,8	120,7	125,3	119,2

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		
			September 2006	1/ September 2007	Percentage difference between September 2006 and September 2007	August 2007	September 2007	Percentage difference between August and September 2007
Food and beverages	16,4	119,7	124,6	128,9	3,5	127,4	123,4	-3,1
-Meat, fish, fruit etc.	2,6	124,5	121,1	127,8	5,5	128,1	130,6	2,0
-Dairy products	1,1	110,4	118,4	113,2	-4,4	112,7	108,8	-3,5
-Grain mill products	1,5	124,3	125,8	130,5	3,7	127,8	127,6	-0,2
-Other food products	6,8	110,4	121,9	122,6	0,6	118,7	109,6	-7,7
-Beverages	4,3	132,3	132,3	143,0	8,1	144,5	143,4	-0,8
Textiles, clothing, leather and footwear	5,4	99,8	108,0	106,7	-1,2	107,3	100,8	-6,1
-Textiles	1,2	80,6	93,1	79,9	-14,2	87,5	72,2	-17,5
-Other textile products	1,2	120,5	124,5	118,3	-5,0	135,1	114,8	-15,0
-Knitted, crocheted articles	0,3	80,7	85,5	85,6	0,1	86,4	82,6	-4,4
-Wearing apparel	2,0	106,7	116,0	121,5	4,7	111,1	114,9	3,4
-Leather and leather products	0,3	98,2	95,7	107,8	12,6	103,4	111,3	7,6
-Footwear	0,4	82,2	94,6	97,0	2,5	90,1	84,1	-6,7
Wood and wood products, paper, publishing and printing	11,0	116,1	125,1	119,5	-4,5	117,7	114,8	-2,5
-Sawmilling and planing of wood	0,7	118,3	127,8	117,7	-7,9	111,7	112,7	0,9
-Products of wood	1,0	130,5	137,3	148,3	8,0	143,0	140,3	-1,9
-Paper and paper products	4,8	112,6	126,0	114,8	-8,9	111,3	108,8	-2,2
-Publishing	2,4	120,1	125,3	122,6	-2,2	124,3	120,4	-3,1
-Printing, recorded media	2,1	111,8	116,5	113,8	-2,3	114,4	110,5	-3,4
Petroleum, chemical products, rubber and plastic products	22,5	115,7	116,3	123,3	6,0	123,3	122,4	-0,7
-Coke, petroleum products and nuclear fuel	9,1	95,0	85,2	88,5	3,9	97,1	95,9	-1,2
-Basic chemicals	4,0	125,4	121,3	143,4	18,2	143,3	139,7	-2,5
-Other chemical products	5,4	130,6	139,6	142,3	1,9	141,3	136,1	-3,7
-Rubber products	1,1	89,6	98,6	95,9	-2,7	68,4	92,3	34,9
-Plastic products	3,0	149,5	169,6	179,5	5,8	165,6	167,3	1,0
Glass and non-metallic mineral products	3,9	130,4	143,2	140,3	-2,0	131,7	129,6	-1,6
-Glass and glass products	1,1	150,7	164,0	163,4	-0,4	148,0	152,2	2,8
-Non-metallic mineral products	2,9	122,9	135,5	131,7	-2,8	125,6	121,2	-3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	126,5	128,3	1,4	128,2	124,8	-2,7
-Basic iron and steel products	5,5	111,7	122,3	108,5	-11,3	110,8	108,7	-1,9
-Non-ferrous metal products	4,7	119,3	116,8	123,9	6,1	122,8	124,4	1,3
-Structural metal products	1,3	123,8	131,4	156,5	19,1	139,7	146,6	4,9
-Other fabricated metal products	4,2	123,9	128,9	143,0	10,9	147,8	137,3	-7,1
-General purpose machinery	2,4	112,3	125,0	124,5	-0,4	122,1	115,4	-5,5
-Special purpose machinery	3,2	134,7	140,0	141,2	0,9	141,8	136,1	-4,0
-Household appliances	1,2	134,4	136,5	130,3	-4,5	126,0	123,9	-1,7
-Electrical machinery	2,7	104,9	111,0	112,6	1,4	107,1	106,6	-0,5
Radio, television and communication apparatus and professional equipment	1,3	109,7	118,6	121,6	2,5	123,1	115,8	-5,9
-Radio, television and communication apparatus	0,7	96,3	104,5	106,5	1,9	100,3	95,0	-5,3
-Professional equipment	0,6	123,4	133,0	137,0	3,0	146,2	136,9	-6,4
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	151,4	106,0	-30,0	147,2	101,0	-31,4
-Motor vehicles	4,1	149,0	152,5	93,7	-38,6	140,2	91,0	-35,1
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	217,7	201,1	-7,6	227,5	181,6	-20,2
-Parts and accessories	3,1	151,3	157,1	113,8	-27,6	159,0	106,3	-33,1
-Other transport equipment	1,0	96,2	103,9	96,9	-6,7	109,0	95,2	-12,7
Furniture and other manufacturing division	5,8	113,2	134,9	138,5	2,7	119,1	125,2	5,1
-Furniture	1,6	142,9	160,7	150,1	-6,6	138,5	136,5	-1,4
-Other manufacturing groups	4,2	102,0	125,2	134,2	7,2	111,8	121,0	8,2
Total	100,0	119,3	125,5	123,8	-1,4	125,3	119,2	-4,9

1/ Preliminary.

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

	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	1/ 93 788 025
Aug	50 963 191	65 615 474	62 622 871	69 213 723	75 018 367	87 085 746	1/ 99 059 181
Sep	52 013 557	68 068 479	64 217 058	72 338 062	77 775 725	89 103 179	1/ 94 870 132
Oct	59 549 781	72 388 326	68 820 949	74 868 256	77 778 702	94 226 447	
Nov	60 777 044	72 814 163	67 559 894	77 110 142	81 266 703	97 461 923	
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

	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	12,3
Aug	-	28,8	-4,6	10,5	8,4	16,1	13,7
Sep	-	30,9	-5,7	12,6	7,5	14,6	6,5
Oct	-	21,6	-4,9	8,8	3,9	21,1	
Nov	-	19,8	-7,2	14,1	5,4	19,9	
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	49 621 083	58 294 326	63 943 966	64 496 712	67 915 330	75 016 258	90 641 198
Feb	49 700 587	59 177 948	63 517 977	66 120 952	68 907 184	73 788 007	92 094 806
Mar	51 036 361	58 991 947	62 059 856	67 565 636	68 824 861	76 676 374	92 187 510
Apr	49 503 172	65 459 804	63 427 336	66 079 166	73 647 812	75 192 310	91 154 265
May	50 799 306	63 390 787	61 118 581	67 735 241	70 810 411	78 515 280	94 889 843
Jun	52 065 229	61 482 905	61 506 210	67 423 227	72 055 815	81 812 934	92 115 974
Jul	50 928 587	64 142 008	62 465 273	67 958 043	71 966 331	82 642 496	92 966 611
Aug	50 149 119	64 458 931	61 396 506	67 525 586	72 751 677	84 087 951	95 559 450
Sep	50 200 844	65 465 512	61 435 390	68 958 214	73 738 853	84 370 255	89 914 218
Oct	54 183 977	66 040 357	62 804 941	68 408 301	71 212 155	86 519 069	
Nov	54 701 177	65 649 523	60 765 305	69 364 195	72 843 332	87 588 879	
Dec	56 065 095	63 373 163	62 501 635	68 876 820	75 953 847	86 278 373	

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		
		September 2006	1/ August 2007	1/ September 2007	September 2006	August 2007	September 2007
Food and beverages	162 972 883	14 096 349	16 076 658	16 116 440	13 879 567	16 226 680	15 872 992
-Meat, fish, fruit etc.	41 176 139	3 543 214	4 041 860	4 131 234	3 478 160	4 063 395	4 052 290
-Dairy products	14 565 753	1 261 134	1 442 427	1 439 921	1 210 143	1 457 041	1 384 317
-Grain mill products	27 228 030	2 296 628	3 044 918	3 015 419	2 285 206	3 004 678	3 007 435
-Other food products	36 470 564	3 199 277	3 627 699	3 403 030	3 140 935	3 484 036	3 341 551
-Beverages	43 532 397	3 796 096	3 919 754	4 126 836	3 765 123	4 217 530	4 087 399
Textiles, clothing, leather and footwear	38 738 057	3 443 161	3 672 155	3 565 760	3 254 893	3 551 343	3 369 212
-Textiles	6 176 472	574 838	602 658	561 174	541 636	584 098	526 644
-Other textile products	10 386 013	887 828	984 581	875 799	864 284	974 490	851 077
-Knitted, crocheted articles	1 709 727	146 172	157 838	155 624	141 748	155 003	150 277
-Wearing apparel	13 475 245	1 233 310	1 233 849	1 299 209	1 140 404	1 168 205	1 203 464
-Leather and leather products	4 370 166	354 111	421 573	419 693	352 774	418 248	416 794
-Footwear	2 620 434	246 902	271 656	254 261	214 048	251 299	220 956
Wood and wood products, paper, publishing and printing	85 858 496	7 826 033	8 092 254	8 236 601	7 333 824	7 921 494	7 730 628
-Sawmilling and planing of wood	5 768 969	516 366	537 989	514 625	496 934	514 131	496 275
-Products of wood	12 545 668	1 110 398	1 395 243	1 315 564	1 040 655	1 282 081	1 232 270
-Paper and paper products	37 847 135	3 620 452	3 356 748	3 630 363	3 258 876	3 332 873	3 269 255
-Publishing	12 635 281	1 099 636	1 223 563	1 183 307	1 076 175	1 201 527	1 161 336
-Printing, recorded media	17 061 443	1 479 181	1 578 711	1 592 742	1 461 184	1 590 882	1 571 492
Petroleum, chemical products, rubber and plastic products	199 464 801	18 368 719	21 019 750	20 795 704	17 154 183	20 154 161	19 410 175
-Coke, petroleum products and nuclear fuel	71 375 299	6 649 179	7 601 250	7 838 501	6 186 755	6 820 881	7 280 488
-Basic chemicals	43 317 004	4 087 931	4 986 717	4 382 097	3 750 553	5 016 046	4 026 349
-Other chemical products	48 088 076	4 236 355	4 711 211	4 699 278	4 009 161	4 701 476	4 451 335
-Rubber products	9 633 869	893 014	867 354	936 307	843 869	854 718	880 072
-Plastic products	27 050 553	2 502 240	2 853 218	2 939 521	2 363 846	2 761 040	2 771 931
Glass and non-metallic mineral products	29 409 940	2 705 491	2 923 527	2 915 473	2 484 868	2 713 808	2 679 127
-Glass and glass products	5 394 842	513 751	464 453	544 990	457 161	431 788	484 749
-Non-metallic mineral products	24 015 098	2 191 740	2 459 074	2 370 483	2 027 707	2 282 021	2 194 378
Basic iron and steel, non-ferrous metal products, metal products and machinery	211 933 060	19 782 914	21 971 593	21 120 950	18 948 126	21 074 410	20 267 212
-Basic iron and steel products	79 266 467	7 803 776	8 318 350	7 799 958	7 572 797	8 026 544	7 610 783
-Non-ferrous metal products	33 503 712	3 091 022	3 334 783	3 338 779	2 969 371	3 275 053	3 225 447
-Structural metal products	15 644 024	1 439 007	1 666 818	1 773 059	1 323 489	1 590 219	1 624 108
-Other fabricated metal products	30 245 855	2 708 756	3 453 529	3 245 687	2 539 170	3 237 513	3 050 833
-General purpose machinery	19 554 445	1 782 681	1 960 237	1 919 673	1 674 243	1 889 501	1 807 733
-Special purpose machinery	24 012 090	2 129 882	2 408 296	2 242 556	2 070 015	2 270 533	2 169 594
-Household appliances	9 706 467	827 790	829 580	801 238	799 041	785 046	778 714
-Electrical machinery	29 647 788	2 815 000	3 087 731	3 234 058	2 625 279	2 901 844	3 009 579
Radio, television and communication apparatus and professional equipment	12 960 442	1 196 798	1 225 286	1 257 048	1 114 715	1 239 914	1 169 178
-Radio, television and communication apparatus	7 541 477	705 561	677 574	720 102	644 296	693 480	656 804
-Professional equipment	5 418 965	491 237	547 712	536 946	470 420	546 434	512 375
Motor vehicles, parts and accessories and other transport equipment	156 134 063	14 389 507	16 376 519	12 792 181	13 394 298	15 261 709	11 899 080
-Motor vehicles	84 832 480	7 825 511	8 301 911	6 343 640	7 240 305	7 536 419	5 844 690
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	590 764	728 686	592 309	533 589	683 091	533 633
-Parts and accessories	53 953 406	4 945 968	6 198 542	4 821 652	4 623 539	5 889 264	4 507 888
-Other transport equipment	11 112 126	1 027 264	1 147 380	1 034 580	996 865	1 152 935	1 012 869
Furniture and other manufacturing division	47 473 542	4 479 207	4 613 708	4 835 917	4 180 501	4 514 086	4 507 036
-Furniture	11 111 675	1 056 351	956 021	1 033 312	961 172	930 473	938 108
-Other manufacturing groups	36 361 867	3 422 856	3 657 687	3 802 605	3 219 329	3 583 613	3 568 928
Total	974 593 072	89 103 179	99 059 181	94 870 132	84 370 255	95 559 450	89 914 218

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		
		September 2006	1/ September 2007	Percentage change between September 2006 and September 2007	August 2007	September 2007	Percentage change between August 2007 and September 2007
Food and beverages	162 972 883	14 096 349	16 116 440	14,3	16 226 680	15 872 992	-2,2
-Meat, fish, fruit etc.	41 176 139	3 543 214	4 131 234	16,6	4 063 395	4 052 290	-0,3
-Dairy products	14 565 753	1 261 134	1 439 921	14,2	1 457 041	1 384 317	-5,0
-Grain mill products	27 228 030	2 296 628	3 015 419	31,3	3 004 678	3 007 435	0,1
-Other food products	36 470 564	3 199 277	3 403 030	6,4	3 484 036	3 341 551	-4,1
-Beverages	43 532 397	3 796 096	4 126 836	8,7	4 217 530	4 087 399	-3,1
Textiles, clothing, leather and footwear	38 738 057	3 443 161	3 565 760	3,6	3 551 343	3 369 212	-5,1
-Textiles	6 176 472	574 838	561 174	-2,4	584 098	526 644	-9,8
-Other textile products	10 386 013	887 828	875 799	-1,4	974 490	851 077	-12,7
-Knitted, crocheted articles	1 709 727	146 172	155 624	6,5	155 003	150 277	-3,0
-Wearing apparel	13 475 245	1 233 310	1 299 209	5,3	1 168 205	1 203 464	3,0
-Leather and leather products	4 370 166	354 111	419 693	18,5	418 248	416 794	-0,3
-Footwear	2 620 434	246 902	254 261	3,0	251 299	220 956	-12,1
Wood and wood products, paper, publishing and printing	85 858 496	7 826 033	8 236 601	5,2	7 921 494	7 730 628	-2,4
-Sawmilling and planing of wood	5 768 969	516 366	514 625	-0,3	514 131	496 275	-3,5
-Products of wood	12 545 668	1 110 398	1 315 564	18,5	1 282 081	1 232 270	-3,9
-Paper and paper products	37 847 135	3 620 452	3 630 363	0,3	3 332 873	3 269 255	-1,9
-Publishing	12 635 281	1 099 636	1 183 307	7,6	1 201 527	1 161 336	-3,3
-Printing, recorded media	17 061 443	1 479 181	1 592 742	7,7	1 590 882	1 571 492	-1,2
Petroleum, chemical products, rubber and plastic products	199 464 801	18 368 719	20 795 704	13,2	20 154 161	19 410 175	-3,7
-Coke, petroleum products and nuclear fuel	71 375 299	6 649 179	7 838 501	17,9	6 820 881	7 280 488	6,7
-Basic chemicals	43 317 004	4 087 931	4 382 097	7,2	5 016 046	4 026 349	-19,7
-Other chemical products	48 088 076	4 236 355	4 699 278	10,9	4 701 476	4 451 335	-5,3
-Rubber products	9 633 869	893 014	936 307	4,8	854 718	880 072	3,0
-Plastic products	27 050 553	2 502 240	2 939 521	17,5	2 761 040	2 771 931	0,4
Glass and non-metallic mineral products	29 409 940	2 705 491	2 915 473	7,8	2 713 808	2 679 127	-1,3
-Glass and glass products	5 394 842	513 751	544 990	6,1	431 788	484 749	12,3
-Non-metallic mineral products	24 015 098	2 191 740	2 370 483	8,2	2 282 021	2 194 378	-3,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	211 933 060	19 782 914	21 120 950	6,8	21 074 410	20 267 212	-3,8
-Basic iron and steel products	79 266 467	7 803 776	7 799 958	0,0	8 026 544	7 610 783	-5,2
-Non-ferrous metal products	33 503 712	3 091 022	3 338 779	8,0	3 275 053	3 225 447	-1,5
-Structural metal products	15 644 024	1 439 007	1 773 059	23,2	1 590 219	1 624 108	2,1
-Other fabricated metal products	30 245 855	2 708 756	3 245 687	19,8	3 237 513	3 050 833	-5,8
-General purpose machinery	19 554 445	1 782 681	1 919 673	7,7	1 889 501	1 807 733	-4,3
-Special purpose machinery	24 012 090	2 129 882	2 242 556	5,3	2 270 533	2 169 594	-4,4
-Household appliances	9 706 467	827 790	801 238	-3,2	785 046	778 714	-0,8
-Electrical machinery	29 647 788	2 815 000	3 234 058	14,9	2 901 844	3 009 579	3,7
Radio, television and communication apparatus and professional equipment	12 960 442	1 196 798	1 257 048	5,0	1 239 914	1 169 178	-5,7
-Radio, television and communication apparatus	7 541 477	705 561	720 102	2,1	693 480	656 804	-5,3
-Professional equipment	5 418 965	491 237	536 946	9,3	546 434	512 375	-6,2
Motor vehicles, parts and accessories and other transport equipment	156 134 063	14 389 507	12 792 181	-11,1	15 261 709	11 899 080	-22,0
-Motor vehicles	84 832 480	7 825 511	6 343 640	-18,9	7 536 419	5 844 690	-22,4
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	590 764	592 309	0,3	683 091	533 633	-21,9
-Parts and accessories	53 953 406	4 945 968	4 821 652	-2,5	5 889 264	4 507 888	-23,5
-Other transport equipment	11 112 126	1 027 264	1 034 580	0,7	1 152 935	1 012 869	-12,1
Furniture and other manufacturing division	47 473 542	4 479 207	4 835 917	8,0	4 514 086	4 507 036	-0,2
-Furniture	11 111 675	1 056 351	1 033 312	-2,2	930 473	938 108	0,8
-Other manufacturing groups	36 361 867	3 422 856	3 802 605	11,1	3 583 613	3 568 928	-0,4
Total	974 593 072	89 103 179	94 870 132	6,5	95 559 450	89 914 218	-5,9

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)		
		July to September 2006	July to September 2007	Annual percentage change between July to September 2006 and July to September 2007	July to September 2006	July to September 2007	Annual percentage change between July to September 2006 and July to September 2007
Food and beverages	16,4	122,7	127,8	4,2	40 836 473	47 499 314	16,3
-Meat, fish, fruit etc.	2,6	123,3	126,9	2,9	10 530 088	12 137 794	15,3
-Dairy products	1,1	109,6	109,1	-0,5	3 583 852	4 150 573	15,8
-Grain mill products	1,5	125,2	130,9	4,6	6 880 167	9 094 500	32,2
-Other food products	6,8	122,7	126,6	3,2	9 287 678	10 392 400	11,9
-Beverages	4,3	125,0	134,1	7,3	10 554 688	11 724 047	11,1
Textiles, clothing, leather and footwear	5,4	104,8	108,3	3,3	9 999 634	10 717 414	7,2
-Textiles	1,2	85,0	84,8	-0,2	1 597 480	1 740 597	9,0
-Other textile products	1,2	125,0	122,4	-2,1	2 699 709	2 725 943	1,0
-Knitted, crocheted articles	0,3	80,9	85,3	5,4	418 805	460 800	10,0
-Wearing apparel	2,0	113,8	121,0	6,3	3 550 961	3 800 844	7,0
-Leather and leather products	0,3	91,8	107,5	17,1	1 024 298	1 236 230	20,7
-Footwear	0,4	91,9	95,2	3,6	708 381	753 000	6,3
Wood and wood products, paper, publishing and printing	11,0	121,3	118,9	-2,0	22 710 525	24 258 626	6,8
-Sawmilling and planing of wood	0,7	126,7	118,5	-6,5	1 561 918	1 577 786	1,0
-Products of wood	1,0	140,7	148,2	5,3	3 386 916	3 981 412	17,6
-Paper and paper products	4,8	119,7	113,8	-4,9	10 234 287	10 454 433	2,2
-Publishing	2,4	122,1	123,7	1,3	3 206 895	3 588 131	11,9
-Printing, recorded media	2,1	113,2	111,3	-1,7	4 320 509	4 656 864	7,8
Petroleum, chemical products, rubber and plastic products	22,5	115,4	126,2	9,4	53 601 460	61 217 043	14,2
-Coke, petroleum products and nuclear fuel	9,1	84,7	98,6	16,4	19 825 945	22 284 384	12,4
-Basic chemicals	4,0	128,4	144,7	12,7	11 584 562	13 687 152	18,1
-Other chemical products	5,4	134,7	141,0	4,7	12 300 725	13 889 339	12,9
-Rubber products	1,1	99,9	85,7	-14,2	2 640 837	2 775 655	5,1
-Plastic products	3,0	163,4	174,9	7,0	7 249 391	8 580 513	18,4
Glass and non-metallic mineral products	3,9	139,3	141,2	1,4	7 942 397	8 737 657	10,0
-Glass and glass products	1,1	156,1	155,6	-0,3	1 428 621	1 484 064	3,9
-Non-metallic mineral products	2,9	133,0	135,9	2,2	6 513 776	7 253 593	11,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,4	129,2	2,2	57 717 689	63 986 689	10,9
-Basic iron and steel products	5,5	119,6	107,8	-9,9	22 401 757	24 090 855	7,5
-Non-ferrous metal products	4,7	119,1	121,5	2,0	9 092 792	9 890 588	8,8
-Structural metal products	1,3	134,4	146,7	9,2	4 277 621	4 987 362	16,6
-Other fabricated metal products	4,2	130,1	150,5	15,7	8 016 790	9 919 797	23,7
-General purpose machinery	2,4	120,3	125,1	4,0	5 152 050	5 779 251	12,2
-Special purpose machinery	3,2	141,8	147,2	3,8	6 303 535	6 908 889	9,6
-Household appliances	1,2	137,0	127,6	-6,9	2 473 144	2 409 947	-2,6
-Electrical machinery	2,7	113,2	111,9	-1,1	8 166 320	9 315 287	14,1
Radio, television and communication apparatus and professional equipment	1,3	112,9	121,2	7,4	3 347 878	3 660 626	9,3
-Radio, television and communication apparatus	0,7	102,1	102,8	0,7	1 967 634	2 070 192	5,2
-Professional equipment	0,6	123,8	139,9	13,0	1 380 244	1 590 434	15,2
Motor vehicles, parts and accessories and other transport equipment	8,6	155,9	141,1	-9,5	42 598 433	44 491 803	4,4
-Motor vehicles	4,1	162,6	134,1	-17,5	23 695 780	22 606 433	-4,6
-Bodies for motor vehicles, trailers and semi-trailers	0,4	211,0	225,5	6,9	1 734 414	2 007 893	15,8
-Parts and accessories	3,1	158,4	152,0	-4,0	14 248 601	16 534 465	16,0
-Other transport equipment	1,0	99,3	104,4	5,1	2 919 638	3 343 012	14,5
Furniture and other manufacturing division	5,8	121,6	124,8	2,6	12 785 018	13 832 879	8,2
-Furniture	1,6	151,7	149,0	-1,8	2 953 378	3 049 102	3,2
-Other manufacturing groups	4,2	110,2	115,7	5,0	9 831 640	10 783 777	9,7
Total	100,0	123,8	126,7	2,3	259 705 827	287 717 338	10,8

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 Sep. 2006	Jan. to Sep. 2007	Annual percentage change between 2006 and 2007	Contribution (percentage points)	Jan. to Sep. 2006	Jan. to Sep. 2007	Annual percentage change between 2006 and 2007	Difference in sales between 2006 and 2007
Food and beverages	16,4	116,4	121,7	4,6	0,8	116 465	135 402	16,3	18 937
-Meat, fish, fruit etc.	2,6	123,7	130,2	5,3	0,1	29 566	34 842	17,8	5 276
-Dairy products	1,1	106,2	109,4	3,0	0,0	10 455	11 657	11,5	1 202
-Grain mill products	1,5	123,2	129,4	5,0	0,1	19 708	25 211	27,9	5 503
-Other food products	6,8	107,0	109,2	2,1	0,1	26 351	28 721	9,0	2 370
-Beverages	4,3	127,0	136,7	7,6	0,3	30 384	34 970	15,1	4 586
Textiles, clothing, leather and footwear	5,4	98,2	100,4	2,2	0,1	28 390	30 183	6,3	1 793
-Textiles	1,2	81,0	81,3	0,4	0,0	4 607	4 931	7,0	324
-Other textile products	1,2	118,5	116,4	-1,8	0,0	7 670	7 937	3,5	267
-Knitted, crocheted articles	0,3	79,7	83,6	4,9	0,0	1 258	1 372	9,1	114
-Wearing apparel	2,0	103,7	109,2	5,3	0,1	9 732	10 402	6,9	670
-Leather and leather products	0,3	97,7	101,7	4,1	0,0	3 241	3 587	10,7	346
-Footwear	0,4	81,3	82,1	1,0	0,0	1 882	1 953	3,8	71
Wood and wood products, paper, publishing and printing	11,0	113,5	115,5	1,8	0,2	62 543	68 595	9,7	6 052
-Sawmilling and planing of wood	0,7	118,2	119,6	1,2	0,0	4 247	4 633	9,1	386
-Products of wood	1,0	129,2	135,4	4,8	0,0	9 168	10 531	14,9	1 363
-Paper and paper products	4,8	110,6	111,4	0,7	0,0	27 735	29 801	7,4	2 066
-Publishing	2,4	115,2	120,7	4,8	0,1	8 967	10 379	15,7	1 412
-Printing, recorded media	2,1	109,4	108,0	-1,3	0,0	12 425	13 251	6,6	826
Petroleum, chemical products, rubber and plastic products	22,5	113,0	120,8	6,9	1,6	144 068	170 696	18,5	26 628
-Coke, petroleum products and nuclear fuel	9,1	95,2	93,4	-1,9	-0,2	52 305	61 131	16,9	8 826
-Basic chemicals	4,0	117,9	138,0	17,0	0,7	30 786	37 609	22,2	6 823
-Other chemical products	5,4	126,8	137,3	8,3	0,4	34 552	39 896	15,5	5 344
-Rubber products	1,1	91,2	85,7	-6,0	-0,1	7 120	7 872	10,6	752
-Plastic products	3,0	144,7	165,1	14,1	0,4	19 305	24 188	25,3	4 883
Glass and non-metallic mineral products	3,9	127,8	135,5	6,0	0,2	21 561	24 466	13,5	2 905
-Glass and glass products	1,1	144,4	150,1	3,9	0,0	3 817	4 201	10,1	384
-Non-metallic mineral products	2,9	121,6	130,1	7,0	0,2	17 744	20 265	14,2	2 521
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	119,1	126,2	6,0	1,3	152 031	186 809	22,9	34 778
-Basic iron and steel products	5,5	111,4	112,7	1,2	0,1	55 761	73 790	32,3	18 029
-Non-ferrous metal products	4,7	118,7	119,0	0,3	0,0	24 053	29 107	21,0	5 054
-Structural metal products	1,3	122,3	134,8	10,2	0,1	11 480	13 477	17,4	1 997
-Other fabricated metal products	4,2	121,2	140,9	16,3	0,7	21 996	27 121	23,3	5 125
-General purpose machinery	2,4	109,6	118,6	8,2	0,2	14 230	16 103	13,2	1 873
-Special purpose machinery	3,2	131,0	141,8	8,2	0,3	17 344	19 831	14,3	2 487
-Household appliances	1,2	133,9	131,0	-2,2	0,0	7 167	7 379	3,0	212
Electrical machinery	2,7	103,1	105,3	2,1	0,1	21 148	26 052	23,2	4 904
Radio, television and communication apparatus and professional equipment	1,3	108,1	115,6	6,9	0,1	9 487	10 411	9,7	924
-Radio, television and communication apparatus	0,7	92,7	98,6	6,4	0,0	5 437	5 851	7,6	414
-Professional equipment	0,6	123,8	132,9	7,4	0,0	4 051	4 560	12,6	509
Motor vehicles, parts and accessories and other transport equipment	8,6	146,2	143,3	-2,0	-0,2	114 478	129 768	13,4	15 290
-Motor vehicles	4,1	148,9	138,4	-7,1	-0,3	62 305	64 853	4,1	2 548
-Bodies for motor vehicles, trailers and semi-trailers	0,4	183,7	216,5	17,9	0,1	4 471	5 561	24,4	1 090
-Parts and accessories	3,1	154,4	153,3	-0,7	0,0	39 578	49 512	25,1	9 934
-Other transport equipment	1,0	95,2	104,6	9,9	0,0	8 124	9 841	21,1	1 717
Furniture and other manufacturing division	5,8	110,4	116,1	5,2	0,3	34 417	39 105	13,6	4 688
-Furniture	1,6	135,8	135,2	-0,4	0,0	7 821	8 255	5,5	434
-Other manufacturing groups	4,2	100,8	108,9	8,0	0,3	26 596	30 850	16,0	4 254
Total	100,0	117,1	122,2	4,4	4,4	704 589	821 487	16,6	116 898

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

Explanatory notes

- Introduction**
- 1 Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the new business register, with enhanced coverage of South African businesses (see 4 below). The release contains monthly indices of the physical volume of manufacturing production and monthly value of sales of manufactured products by divisions and major groups within manufacturing.
 - 2 In accordance with international practice, the indices are re-based every five years to a new base year. The base period of the index is 2000. Both estimated and seasonally adjusted figures are presented.
 - 3 In order to improve timeliness, some information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available.
 - 4 As indicated earlier, Stats SA is continuously upgrading its new business register, based on units registered for value-added tax (VAT) and income tax (IT), obtained from the South African Revenue Service (SARS).
- Purpose of the survey**
- 5 The results of the monthly manufacturing production and sales survey are used to calculate indices of the physical volume of manufacturing production. These indices provide an indicator of the real level of manufacturing activity in the economy. They are used in monitoring the state of the economy and formulation of economic policy. They are also important inputs to estimation of the Gross Domestic Product (GDP).
- Special Data Dissemination Standard of the IMF**
- 6 The data in this statistical release adhere to the Special Data Dissemination Standard (SDDS) of the International Monetary Fund (IMF), which sets out standards on coverage, periodicity and timeliness of data, access by the public, integrity, and quality of the disseminated data.
- Scope of the survey**
- 7 This survey covers manufacturing enterprises, i.e. those conducting activities in -
 - the manufacturing, processing, making or packing of products;
 - the slaughtering of animals, including poultry; and
 - installation, assembly, completion, repair and related work.
- Classification**
- 8 The 1993 edition of the *Standard Industrial Classification of all Economic Activities (SIC)*, Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities (ISIC)* with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (two digit) and major group (three digit) level. Each enterprise is classified to an industry which reflects its predominant activity.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for September 2007 was 84,2%. Improved response rate for August 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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