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**SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES**

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

Estimates	August 2007	% change between August 2006 and August 2007	% change between June to August 2006 and June to August 2007	% change between January to August 2006 and January to August 2007
Physical volume of manufacturing production index (2000=100)	130,1	5,1	3,3	5,1
Total value of sales of manufactured products (R million)	98 661	13,3	12,7	18,0

Seasonally adjusted estimates	August 2007	% change between July and August 2007	% change between March to May 2007 and June to August 2007
Physical volume of manufacturing production index (2000=100)	125,3	0,8	0,0
Total value of sales of manufactured products (R million)	95 064	2,2	0,7

**Key findings regarding manufacturing production and sales for August 2007**

**Manufacturing production remains positive**

***Manufacturing production for the first eight months of 2007 recorded growth of 5,1% compared with the first eight months of 2006. Furthermore, the estimated seasonally adjusted manufacturing production for the three months ended August 2007 remains on the same level compared with the previous three months. Higher production levels were reported by seven of the ten manufacturing divisions.***

Significant seasonally adjusted increases in manufacturing production for the three months ended August 2007 compared with the previous three months were recorded in the textile, clothing, leather and footwear division and the furniture and 'other' manufacturing division (each contributing +0,3 of a percentage point), followed by the petroleum, chemical products, rubber and plastic products division (contributing +0,2 of a percentage point). However, these increases were counteracted by decreases reported by the basic iron and steel, non-ferrous metal products, metal products and machinery division and the glass and non-metallic mineral products (each contributing -0,3 of a percentage point) and the motor vehicles, parts and accessories and other transport equipment division (contributing -0,2 of a percentage point) (see Table B).

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

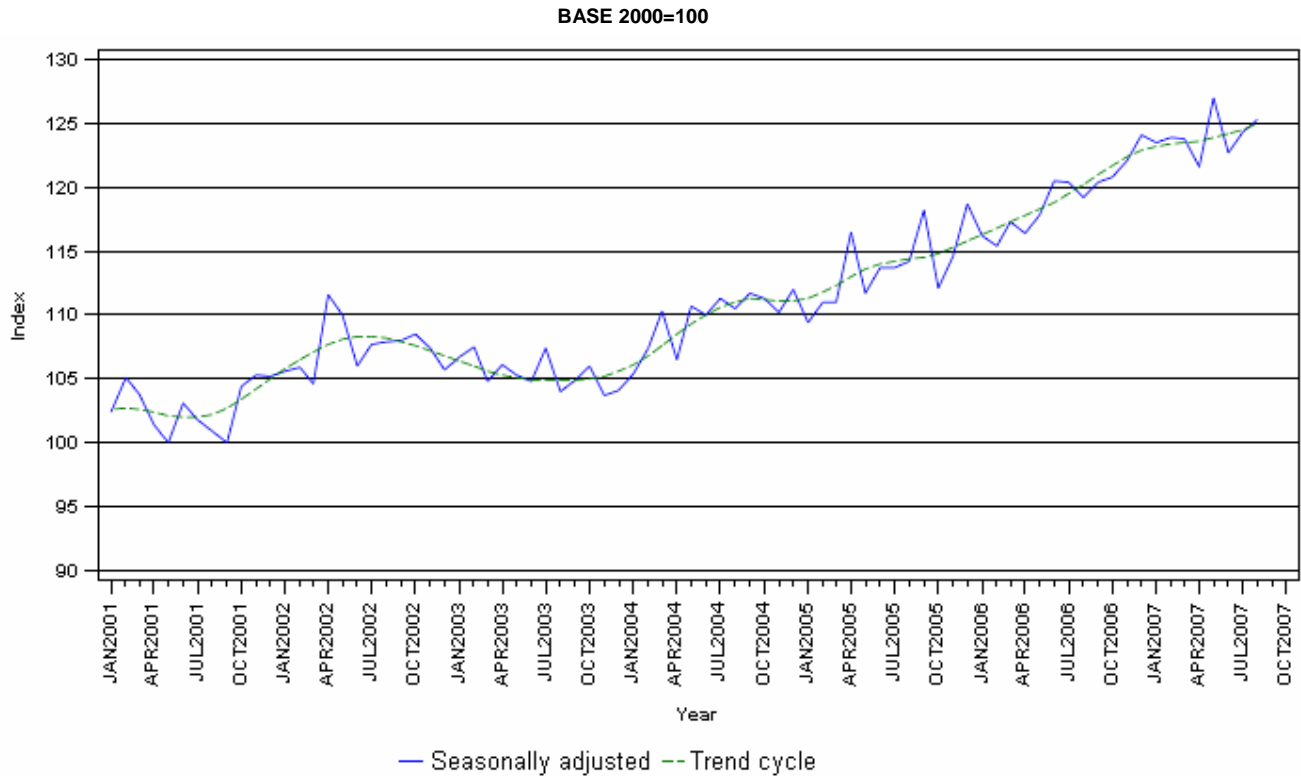
(Base 2000=100)

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 March to May 2007	Average seasonally adjusted production index for June to August 2007	Quarterly percentage change of June to August 2007 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production
<b>Food and beverages</b>	16,4	125,0	125,6	0,5	0,1
-Food and food products	12,1	118,3	119,2	0,8	0,1
-Beverages	4,3	143,9	143,7	-0,1	0,0
<b>Textiles, clothing, leather and footwear</b>	5,4	97,9	103,9	6,1	0,3
-Textiles	2,4	96,1	101,8	5,9	0,1
-Wearing apparel	2,3	103,4	111,2	7,5	0,2
-Leather and leather products	0,3	94,9	101,4	6,8	0,0
-Footwear	0,4	82,1	80,0	-2,6	0,0
<b>Wood and wood products, paper, publishing and printing</b>	11,0	117,5	118,0	0,4	0,0
-Wood and products of wood	1,7	129,9	130,4	0,4	0,0
-Paper and paper products	4,8	113,9	113,1	-0,7	0,0
-Publishing and printing	4,6	116,5	118,2	1,5	0,1
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	121,2	122,3	0,9	0,2
-Coke, petroleum products and nuclear fuel	9,1	89,9	93,2	3,7	0,3
-Basic chemicals	4,0	142,2	142,1	-0,1	0,0
-Other chemical products	5,4	141,0	139,3	-1,2	-0,1
-Rubber products	1,1	83,5	78,7	-5,7	-0,1
-Plastic products	3,0	168,3	171,3	1,8	0,1
<b>Glass and non-metallic mineral products</b>	3,9	142,5	133,6	-6,2	-0,3
-Glass and glass products	1,1	158,3	149,4	-5,6	-0,1
-Non-metallic mineral products	2,9	136,7	127,7	-6,6	-0,2
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	128,4	126,6	-1,4	-0,3
-Basic iron and steel products	5,5	116,4	109,2	-6,2	-0,3
-Basic precious, non-ferrous metal products	4,7	119,3	118,6	-0,6	0,0
-Fabricated metal products	5,5	139,5	142,5	2,2	0,1
-Machinery and equipment	6,7	135,5	133,7	-1,3	-0,1
Electrical machinery	2,7	105,7	107,5	1,7	0,0
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	115,1	119,7	4,0	0,1
-Radio, television and communication apparatus	0,7	104,2	100,5	-3,6	0,0
-Professional equipment	0,6	126,3	139,1	10,1	0,1
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	148,9	144,7	-2,8	-0,2
-Motor vehicles, trailers, parts and accessories	7,6	154,6	149,6	-3,2	-0,2
-Other transport equipment	1,0	105,2	107,8	2,5	0,0
<b>Furniture and other manufacturing division</b>	5,8	114,8	119,8	4,4	0,3
-Furniture	1,6	140,0	145,1	3,6	0,1
-Other manufacturing groups	4,2	105,2	110,3	4,8	0,2
<b>Total</b>	<b>100,0</b>	<b>124,1</b>	<b>124,1</b>	<b>0,0</b>	<b>0,0</b>

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

Figure 1 shows the seasonally adjusted and trend series for the volume index of manufacturing production between January 2001 and August 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 the three months ended August 2007 increased by 0,7% (R1 992 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by six of the ten manufacturing divisions during this period (see Table C).***

The seasonally adjusted increase of 0,7% in the total value of sales of manufactured products at current prices for the three months ended August 2007 compared with the previous three months was mainly due to increases reported for the textile, clothing, leather and footwear division (+4,7% or +R474 million), the food and beverages division (+4,2% or +R1 947 million), the furniture and ‘other’ manufacturing division (+2,7% or +R356 million) and the wood and wood products, paper, publishing and printing division (+2,6% or +R593 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 March to May 2007	Seasonally adjusted sales June to August 2007	Percentage change between March to May 2007 and June to August 2007	Difference in seasonally adjusted sales of manufacturing divisions between March to May 2007 and June to August 2007
	R '000	R '000		R '000
<b>Food and beverages</b>	45 842 226	47 789 131	4,2	1 946 905
-Food and food products	33 465 856	35 286 006	5,4	1 820 150
-Beverages	12 376 368	12 503 126	1,0	126 758
<b>Textiles, clothing, leather and footwear</b>	9 980 560	10 454 538	4,7	473 978
-Textiles	4 237 804	4 442 303	4,8	204 499
-Wearing apparel	3 915 421	4 162 365	6,3	246 944
-Leather and leather products	1 161 807	1 184 871	2,0	23 064
-Footwear	665 528	664 999	-0,1	-529
<b>Wood and wood products, paper, publishing and printing</b>	23 048 473	23 641 623	2,6	593 150
-Wood and products of wood	5 011 535	5 227 852	4,3	216 317
-Paper and paper products	10 115 511	10 169 459	0,5	53 948
-Publishing and printing	7 921 425	8 244 310	4,1	322 885
<b>Petroleum, chemicals products, rubber and plastic products</b>	57 541 084	57 523 380	0,0	-17 704
-Coke, petroleum products and nuclear fuel	20 079 487	19 485 326	-3,0	-594 161
-Basic chemicals	12 876 715	13 276 729	3,1	400 014
-Other chemical products	13 719 652	13 717 635	0,0	-2 017
-Rubber products	2 589 866	2 620 039	1,2	30 173
-Plastic products	8 275 364	8 423 651	1,8	148 287
<b>Glass and non-metallic mineral products</b>	8 505 806	8 181 869	-3,8	-323 937
-Glass and glass products	1 512 371	1 401 683	-7,3	-110 688
-Non-metallic mineral products	6 993 434	6 780 187	-3,0	-213 247
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	63 593 208	63 155 651	-0,7	-437 557
-Basic iron and steel products	25 158 440	24 549 920	-2,4	-608 520
-Basic precious, non-ferrous metal products	10 204 431	9 764 530	-4,3	-439 901
-Fabricated metal products	13 439 107	14 024 153	4,4	585 046
-Machinery and equipment	14 791 229	14 817 048	0,2	25 819
Electrical machinery	8 706 837	8 779 778	0,8	72 941
<b>Radio, television and communication apparatus and professional equipment</b>	3 475 743	3 658 479	5,3	182 736
-Radio, television and communication apparatus	1 993 592	2 067 928	3,7	74 336
-Professional equipment	1 482 151	1 590 551	7,3	108 400
<b>Motor vehicles, parts and accessories and other transport equipment</b>	44 539 092	43 683 907	-1,9	-855 185
-Motor vehicles, trailers, parts and accessories	41 249 019	40 263 188	-2,4	-985 831
-Other transport equipment	3 290 072	3 420 721	4,0	130 649
<b>Furniture and other manufacturing division</b>	13 043 987	13 400 339	2,7	356 352
-Furniture	2 837 665	2 965 846	4,5	128 181
-Other manufacturing groups	10 206 323	10 434 492	2,2	228 169
<b>Total</b>	<b>278 277 015</b>	<b>280 268 695</b>	<b>0,7</b>	<b>1 991 680</b>

**The value of sales of manufactured products at current prices for the three months ended August 2007 was 12,7% (R32 199 million) higher than for the three months ended August 2006 (see Table D).**

The major contributors to the increase of 12,7% in sales of manufactured products at current prices for the three months ended August 2007 compared with the three months ended August 2006 were the basic iron and steel, non-ferrous metal products, metal products and machinery (+3,3 percentage points or +R8 431 million), the petroleum, chemical products, rubber and plastic products (+2,8 percentage points or +R6 957 million), the food and beverages (+2,6 percentage points or +R6 554 million) and the motor vehicles, parts and accessories and other transport equipment (+1,6 percentage points or +R4 049 million) divisions (see Table D).

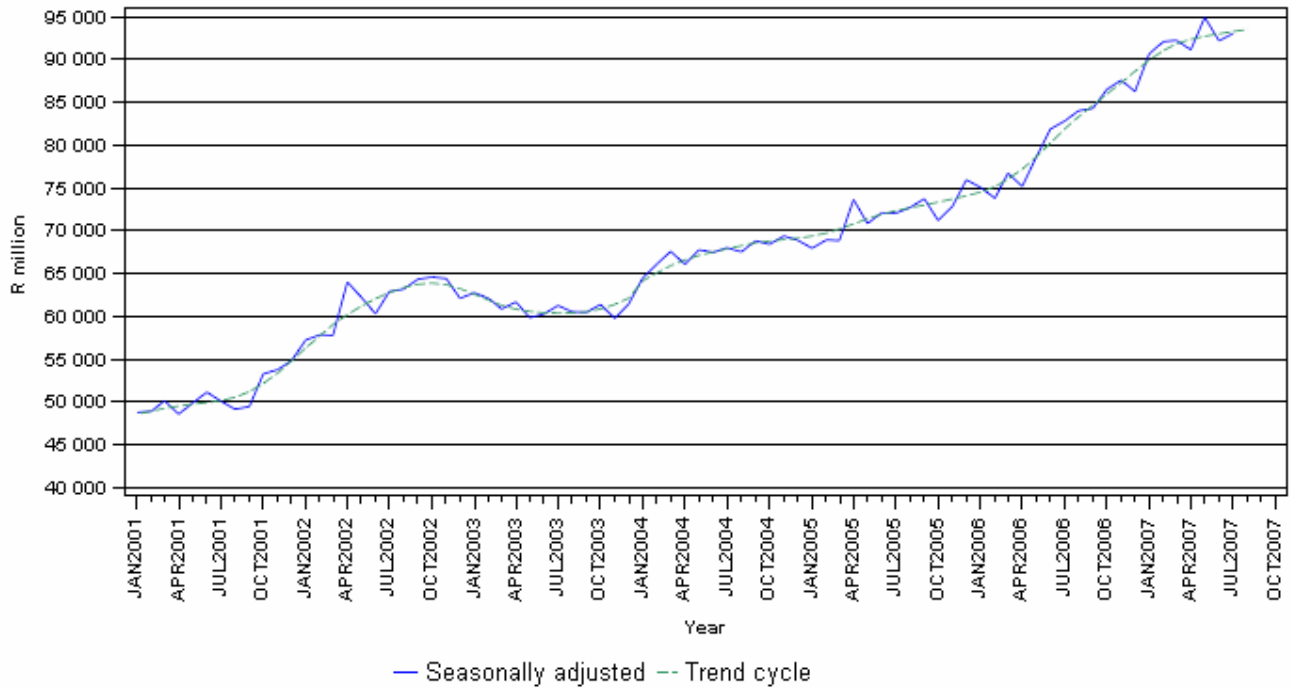
**Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices**

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products June to August 2006	Percentage change between June to August 2006 and June to August 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 June to August 2006 and June to August 2007
				R '000
Food and beverages	15,9	16,3	2,6	6 554 369
-Food and food products	11,9	17,7	2,1	5 317 627
-Beverages	4,0	12,2	0,5	1 236 742
Textiles, clothing, leather and footwear	3,9	7,0	0,3	685 179
-Textiles	1,7	4,8	0,1	209 870
-Wearing apparel	1,5	8,7	0,1	328 738
-Leather and leather products	0,4	12,7	0,1	132 537
-Footwear	0,3	2,1	0,0	14 034
Wood and wood products, paper, publishing and printing	8,7	8,5	0,7	1 872 664
-Wood and products of wood	2,0	10,4	0,2	521 868
-Paper and paper products	3,9	6,2	0,2	610 255
-Publishing and printing	2,9	10,1	0,3	740 541
Petroleum, chemicals products, rubber and plastic products	20,4	13,5	2,8	6 956 940
-Coke, petroleum products and nuclear fuel	7,5	7,4	0,6	1 406 552
-Basic chemicals	4,4	19,6	0,9	2 196 430
-Other chemical products	4,7	13,4	0,6	1 607 887
-Rubber products	1,0	5,9	0,1	150 843
-Plastic products	2,7	23,0	0,6	1 595 228
Glass and non-metallic mineral products	3,1	10,7	0,3	839 870
-Glass and glass products	0,5	5,2	0,0	70 259
-Non-metallic mineral products	2,6	11,9	0,3	769 611
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,1	15,1	3,3	8 431 390
-Basic iron and steel products	8,4	17,3	1,5	3 666 499
-Basic precious, non-ferrous metal products	3,5	11,1	0,4	988 947
-Fabricated metal products	4,8	20,1	1,0	2 459 942
-Machinery and equipment	5,4	9,6	0,5	1 316 002
Electrical machinery	3,1	15,6	0,5	1 232 958
Radio, television and communication apparatus and professional equipment	1,3	11,5	0,1	376 734
-Radio, television and communication apparatus	0,8	6,3	0,1	122 287
-Professional equipment	0,5	18,9	0,1	254 447
Motor vehicles, parts and accessories and other transport equipment	16,5	9,7	1,6	4 048 614
-Motor vehicles, trailers, parts and accessories	15,4	9,1	1,4	3 536 930
-Other transport equipment	1,2	17,3	0,2	511 684
Furniture and other manufacturing division	4,9	9,7	0,5	1 200 242
-Furniture	1,1	7,9	0,1	222 594
-Other manufacturing groups	3,8	10,2	0,4	977 648
<b>Total</b>	<b>100,0</b>	<b>12,7</b>	<b>12,7</b>	<b>32 198 960</b>

1/ The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing major group or division with the percentage contribution of the same major group or division during corresponding period in 2006, divided by 100.

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

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



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Detailed results: Tables

Table 1 - 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	1/ 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/ 130,1
Sep	103,1	111,4	108,7	116,0	122,9	125,5	
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	5,1
Sep	-	8,1	-2,4	6,7	5,9	2,1	
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	116,2	123,5
Feb	105,1	105,9	107,7	107,4	111,0	115,4	123,9
Mar	103,7	104,6	104,6	110,3	111,0	117,3	123,8
Apr	101,7	112,1	106,9	106,5	116,5	116,4	121,6
May	+99,9	109,9	105,1	110,7	111,7	117,8	127,0
Jun	103,1	106,0	104,7	110,0	113,7	120,5	122,7
Jul	101,6	107,4	107,2	111,3	113,7	120,4	124,3
Aug	100,9	107,7	103,8	110,5	114,2	119,2	125,3
Sep	100,0	108,0	105,0	111,7	118,2	120,4	
Oct	104,4	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	105,2	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		
			August 2006	1/ July 2007	1/ August 2007	August 2006	July 2007	August 2007
Food and beverages	16,4	119,7	124,6	122,5	132,0	121,0	124,5	127,8
-Meat, fish, fruit etc.	2,6	124,5	124,8	128,2	125,5	127,7	132,9	128,5
-Dairy products	1,1	110,4	108,0	102,6	111,4	109,4	110,4	112,9
-Grain mill products	1,5	124,3	124,8	131,1	130,9	121,6	128,7	127,5
-Other food products	6,8	110,4	127,3	119,6	137,2	111,4	112,0	119,4
-Beverages	4,3	132,3	124,5	125,7	133,4	135,0	141,3	144,8
Textiles, clothing, leather and footwear	5,4	99,8	104,2	104,1	110,9	99,4	101,0	106,0
-Textiles	1,2	80,6	80,7	83,7	90,7	77,1	80,8	86,7
-Other textile products	1,2	120,5	120,4	114,4	134,6	120,3	110,3	134,7
-Knitted, crocheted articles	0,3	80,7	81,9	81,1	87,6	79,9	81,3	85,2
-Wearing apparel	2,0	106,7	116,5	119,0	116,8	108,7	116,0	109,1
-Leather and leather products	0,3	98,2	95,7	98,7	109,7	95,3	102,1	109,5
-Footwear	0,4	82,2	93,3	86,4	94,5	81,4	78,3	82,2
Wood and wood products, paper, publishing and printing	11,0	116,1	120,4	117,8	119,8	118,7	118,3	117,8
-Sawmilling and planing of wood	0,7	118,3	128,1	123,2	117,5	124,7	120,7	114,4
-Products of wood	1,0	130,5	142,8	141,0	156,8	131,3	136,3	143,6
-Paper and paper products	4,8	112,6	116,0	114,8	111,5	115,7	112,9	110,6
-Publishing	2,4	120,1	123,3	121,9	125,9	121,2	125,7	124,0
-Printing, recorded media	2,1	111,8	113,8	107,3	114,8	114,9	112,7	115,9
Petroleum, chemical products, rubber and plastic products	22,5	115,7	112,2	127,9	126,8	109,3	125,8	123,4
-Coke, petroleum products and nuclear fuel	9,1	95,0	74,1	106,8	100,4	71,7	104,2	97,2
-Basic chemicals	4,0	125,4	135,5	139,0	147,6	129,9	138,7	141,2
-Other chemical products	5,4	130,6	133,7	137,4	141,7	132,9	136,5	140,6
-Rubber products	1,1	89,6	102,7	87,6	75,9	98,2	81,4	72,4
-Plastic products	3,0	149,5	162,6	176,3	172,8	158,8	172,7	168,4
Glass and non-metallic mineral products	3,9	130,4	136,6	143,8	137,5	129,4	137,2	130,2
-Glass and glass products	1,1	150,7	151,8	151,6	152,7	147,2	152,7	147,8
-Non-metallic mineral products	2,9	122,9	130,9	140,9	131,8	122,8	131,4	123,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	127,0	126,6	132,5	122,8	125,5	128,1
-Basic iron and steel products	5,5	111,7	113,2	106,5	108,5	115,3	109,2	110,8
-Non-ferrous metal products	4,7	119,3	120,3	114,3	126,2	116,7	112,4	122,6
-Structural metal products	1,3	123,8	134,2	140,7	142,8	128,6	132,7	137,2
-Other fabricated metal products	4,2	123,9	129,0	151,0	156,5	122,2	143,2	147,7
-General purpose machinery	2,4	112,3	123,2	123,0	127,7	118,9	123,2	122,8
-Special purpose machinery	3,2	134,7	153,2	147,8	152,5	142,3	150,1	142,8
-Household appliances	1,2	134,4	142,3	117,8	132,2	132,9	121,6	124,3
Electrical machinery	2,7	104,9	115,1	110,9	114,4	108,3	107,6	108,3
Radio, television and communication apparatus and professional equipment	1,3	109,7	111,4	118,6	124,5	112,8	117,3	124,8
-Radio, television and communication apparatus	0,7	96,3	101,4	104,1	99,9	106,1	100,7	103,3
-Professional equipment	0,6	123,4	121,5	133,3	149,5	119,5	134,2	146,6
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	163,9	154,3	162,8	147,2	147,3	146,6
-Motor vehicles	4,1	149,0	177,9	147,3	161,2	153,3	137,0	138,3
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	213,6	230,0	247,4	199,1	216,3	228,0
-Parts and accessories	3,1	151,3	161,7	169,1	173,0	148,9	164,8	159,8
-Other transport equipment	1,0	96,2	93,9	108,8	105,8	97,0	109,4	109,0
Furniture and other manufacturing division	5,8	113,2	116,9	117,8	121,1	116,0	113,5	120,2
-Furniture	1,6	142,9	149,3	153,0	155,9	141,5	148,1	147,2
-Other manufacturing groups	4,2	102,0	104,7	104,5	108,0	106,4	100,5	110,1
<b>Total</b>	<b>100,0</b>	<b>119,3</b>	<b>123,8</b>	<b>126,1</b>	<b>130,1</b>	<b>119,2</b>	<b>124,3</b>	<b>125,3</b>

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		
			August 2006	1/ August 2007	Percentage difference between August 2006 and August 2007	July 2007	August 2007	Percentage difference between July and August 2007
Food and beverages	16,4	119,7	124,6	132,0	5,9	124,5	127,8	2,7
-Meat, fish, fruit etc.	2,6	124,5	124,8	125,5	0,6	132,9	128,5	-3,3
-Dairy products	1,1	110,4	108,0	111,4	3,1	110,4	112,9	2,3
-Grain mill products	1,5	124,3	124,8	130,9	4,9	128,7	127,5	-0,9
-Other food products	6,8	110,4	127,3	137,2	7,8	112,0	119,4	6,6
-Beverages	4,3	132,3	124,5	133,4	7,1	141,3	144,8	2,5
Textiles, clothing, leather and footwear	5,4	99,8	104,2	110,9	6,4	101,0	106,0	5,0
-Textiles	1,2	80,6	80,7	90,7	12,4	80,8	86,7	7,3
-Other textile products	1,2	120,5	120,4	134,6	11,8	110,3	134,7	22,1
-Knitted, crocheted articles	0,3	80,7	81,9	87,6	7,0	81,3	85,2	4,8
-Wearing apparel	2,0	106,7	116,5	116,8	0,3	116,0	109,1	-5,9
-Leather and leather products	0,3	98,2	95,7	109,7	14,6	102,1	109,5	7,2
-Footwear	0,4	82,2	93,3	94,5	1,3	78,3	82,2	5,0
Wood and wood products, paper, publishing and printing	11,0	116,1	120,4	119,8	-0,5	118,3	117,8	-0,4
-Sawmilling and planing of wood	0,7	118,3	128,1	117,5	-8,3	120,7	114,4	-5,2
-Products of wood	1,0	130,5	142,8	156,8	9,8	136,3	143,6	5,4
-Paper and paper products	4,8	112,6	116,0	111,5	-3,9	112,9	110,6	-2,0
-Publishing	2,4	120,1	123,3	125,9	2,1	125,7	124,0	-1,4
-Printing, recorded media	2,1	111,8	113,8	114,8	0,9	112,7	115,9	2,8
Petroleum, chemical products, rubber and plastic products	22,5	115,7	112,2	126,8	13,0	125,8	123,4	-1,9
-Coke, petroleum products and nuclear fuel	9,1	95,0	74,1	100,4	35,5	104,2	97,2	-6,7
-Basic chemicals	4,0	125,4	135,5	147,6	8,9	138,7	141,2	1,8
-Other chemical products	5,4	130,6	133,7	141,7	6,0	136,5	140,6	3,0
-Rubber products	1,1	89,6	102,7	75,9	-26,1	81,4	72,4	-11,1
-Plastic products	3,0	149,5	162,6	172,8	6,3	172,7	168,4	-2,5
Glass and non-metallic mineral products	3,9	130,4	136,6	137,5	0,7	137,2	130,2	-5,1
-Glass and glass products	1,1	150,7	151,8	152,7	0,6	152,7	147,8	-3,2
-Non-metallic mineral products	2,9	122,9	130,9	131,8	0,7	131,4	123,7	-5,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	120,7	127,0	132,5	4,3	125,5	128,1	2,1
-Basic iron and steel products	5,5	111,7	113,2	108,5	-4,2	109,2	110,8	1,5
-Non-ferrous metal products	4,7	119,3	120,3	126,2	4,9	112,4	122,6	9,1
-Structural metal products	1,3	123,8	134,2	142,8	6,4	132,7	137,2	3,4
-Other fabricated metal products	4,2	123,9	129,0	156,5	21,3	143,2	147,7	3,1
-General purpose machinery	2,4	112,3	123,2	127,7	3,7	123,2	122,8	-0,3
-Special purpose machinery	3,2	134,7	153,2	152,5	-0,5	150,1	142,8	-4,9
-Household appliances	1,2	134,4	142,3	132,2	-7,1	121,6	124,3	2,2
Electrical machinery	2,7	104,9	115,1	114,4	-0,6	107,6	108,3	0,7
Radio, television and communication apparatus and professional equipment	1,3	109,7	111,4	124,5	11,8	117,3	124,8	6,4
-Radio, television and communication apparatus	0,7	96,3	101,4	99,9	-1,5	100,7	103,3	2,6
-Professional equipment	0,6	123,4	121,5	149,5	23,0	134,2	146,6	9,2
Motor vehicles, parts and accessories and other transport equipment	8,6	145,5	163,9	162,8	-0,7	147,3	146,6	-0,5
-Motor vehicles	4,1	149,0	177,9	161,2	-9,4	137,0	138,3	0,9
-Bodies for motor vehicles, trailers and semi-trailers	0,4	188,8	213,6	247,4	15,8	216,3	228,0	5,4
-Parts and accessories	3,1	151,3	161,7	173,0	7,0	164,8	159,8	-3,0
-Other transport equipment	1,0	96,2	93,9	105,8	12,7	109,4	109,0	-0,4
Furniture and other manufacturing division	5,8	113,2	116,9	121,1	3,6	113,5	120,2	5,9
-Furniture	1,6	142,9	149,3	155,9	4,4	148,1	147,2	-0,6
-Other manufacturing groups	4,2	102,0	104,7	108,0	3,2	100,5	110,1	9,6
<b>Total</b>	<b>100,0</b>	<b>119,3</b>	<b>123,8</b>	<b>130,1</b>	<b>5,1</b>	<b>124,3</b>	<b>125,3</b>	<b>0,8</b>

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	1/ 92 828 745
Jul	50 801 720	64 152 749	62 617 180	68 406 575	72 671 036	83 516 902	1/ 93 677 498
Aug	50 963 191	65 615 474	62 622 871	69 213 723	75 018 367	87 085 746	1/ 98 660 968
Sep	52 013 557	68 068 479	64 217 058	72 338 062	77 775 725	89 103 179	
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**

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	12,2
Aug	-	28,8	-4,6	10,5	8,4	16,1	13,3
Sep	-	30,9	-5,7	12,6	7,5	14,6	
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	49 624 059	58 303 383	63 960 762	64 514 860	67 942 055	75 034 272	90 672 617
Feb	49 701 325	59 179 798	63 525 256	66 125 187	68 918 156	73 781 471	92 091 044
Mar	51 035 482	58 991 823	62 060 968	67 576 180	68 837 338	76 704 834	92 223 388
Apr	49 501 832	65 453 091	63 415 112	66 071 093	73 627 529	75 175 623	91 126 673
May	50 801 172	63 395 146	61 127 852	67 758 358	70 827 919	78 543 832	94 926 954
Jun	52 067 252	61 488 078	61 514 709	67 450 713	72 088 133	81 870 167	92 180 216
Jul	50 929 374	64 144 333	62 470 302	68 001 371	72 033 502	82 779 605	93 024 357
Aug	50 148 751	64 459 031	61 392 342	67 517 568	72 692 961	84 001 780	95 064 122
Sep	50 188 567	65 437 733	61 404 590	68 811 206	73 719 062	84 277 075	
Oct	54 179 276	66 032 872	62 797 150	68 403 253	71 190 745	86 488 944	
Nov	54 707 436	65 657 111	60 767 355	69 371 236	72 828 764	87 575 539	
Dec	56 068 733	63 376 041	62 501 283	68 880 987	75 939 787	86 266 048	

**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		
		August 2006	1/ July 2007	1/ August 2007	August 2006	July 2007	August 2007
<b>Food and beverages</b>	162 972 883	13 747 602	15 314 921	16 053 709	13 909 593	15 869 321	16 232 082
-Meat, fish, fruit etc.	41 176 139	3 597 428	3 978 269	4 046 235	3 619 479	4 048 917	4 064 560
-Dairy products	14 565 753	1 206 933	1 268 225	1 442 427	1 220 285	1 353 140	1 455 193
-Grain mill products	27 228 030	2 278 379	3 034 163	3 035 450	2 254 053	2 976 693	2 999 533
-Other food products	36 470 564	3 202 838	3 355 964	3 616 405	3 080 902	3 397 354	3 485 440
-Beverages	43 532 397	3 462 024	3 678 300	3 913 192	3 734 874	4 093 218	4 227 356
<b>Textiles, clothing, leather and footwear</b>	38 738 057	3 367 065	3 417 334	3 637 019	3 241 699	3 413 447	3 512 712
-Textiles	6 176 472	515 722	576 765	602 726	500 293	563 853	587 431
-Other textile products	10 386 013	903 621	865 563	984 581	887 543	851 431	970 273
-Knitted, crocheted articles	1 709 727	141 566	147 690	159 056	138 595	148 942	156 173
-Wearing apparel	13 475 245	1 216 044	1 227 501	1 224 391	1 151 608	1 236 029	1 158 397
-Leather and leather products	4 370 166	355 264	370 719	417 560	349 041	394 295	412 016
-Footwear	2 620 434	234 848	229 096	248 705	214 618	218 897	228 422
<b>Wood and wood products, paper, publishing and printing</b>	85 858 496	7 520 899	7 970 194	8 122 428	7 406 137	7 926 544	7 963 853
-Sawmilling and planing of wood	5 768 969	535 522	527 959	526 396	520 949	527 085	508 827
-Products of wood	12 545 668	1 186 009	1 271 994	1 405 314	1 098 811	1 229 848	1 291 024
-Paper and paper products	37 847 135	3 265 984	3 495 887	3 369 833	3 264 021	3 401 634	3 353 718
-Publishing	12 635 281	1 073 478	1 180 643	1 217 175	1 056 259	1 209 732	1 198 566
-Printing, recorded media	17 061 443	1 459 906	1 493 711	1 603 710	1 466 097	1 558 245	1 611 717
<b>Petroleum, chemical products, rubber and plastic products</b>	199 464 801	17 980 578	19 353 362	20 949 257	17 174 964	18 901 484	19 979 311
-Coke, petroleum products and nuclear fuel	71 375 299	6 634 982	6 847 155	7 598 903	5 912 573	6 465 105	6 750 165
-Basic chemicals	43 317 004	3 900 830	4 289 684	4 908 259	3 898 521	4 263 731	4 889 905
-Other chemical products	48 088 076	4 101 407	4 465 463	4 682 756	4 113 989	4 491 653	4 694 408
-Rubber products	9 633 869	916 529	954 893	877 503	898 480	906 633	859 163
-Plastic products	27 050 553	2 426 830	2 796 167	2 881 836	2 351 400	2 774 362	2 785 670
<b>Glass and non-metallic mineral products</b>	29 409 940	2 625 685	2 906 200	2 899 124	2 446 245	2 761 679	2 700 804
-Glass and glass products	5 394 842	476 714	474 621	464 453	442 190	483 463	431 708
-Non-metallic mineral products	24 015 098	2 148 971	2 431 579	2 434 671	2 004 055	2 278 216	2 269 097
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	211 933 060	19 239 810	20 864 719	21 752 384	18 590 041	21 120 092	20 995 484
-Basic iron and steel products	79 266 467	7 304 648	7 929 532	8 140 758	7 144 051	8 251 582	7 954 695
-Non-ferrous metal products	33 503 712	2 975 548	3 217 026	3 330 283	2 932 328	3 219 810	3 264 681
-Structural metal products	15 644 024	1 430 508	1 565 193	1 647 235	1 354 269	1 502 087	1 569 693
-Other fabricated metal products	30 245 855	2 668 561	3 220 581	3 433 039	2 513 589	3 109 363	3 233 642
-General purpose machinery	19 554 445	1 752 567	1 899 341	1 961 987	1 702 143	1 909 444	1 900 185
-Special purpose machinery	24 012 090	2 241 311	2 258 037	2 408 296	2 129 164	2 332 408	2 283 552
-Household appliances	9 706 467	866 667	775 009	830 786	814 496	795 399	789 036
-Electrical machinery	29 647 788	2 784 154	2 999 916	3 106 500	2 594 461	2 923 024	2 907 767
<b>Radio, television and communication apparatus and professional equipment</b>	12 960 442	1 101 274	1 178 292	1 228 024	1 126 332	1 229 643	1 245 937
-Radio, television and communication apparatus	7 541 477	646 959	672 516	677 988	670 261	712 141	696 575
-Professional equipment	5 418 965	454 315	505 776	550 036	456 071	517 502	549 362
<b>Motor vehicles, parts and accessories and other transport equipment</b>	156 134 063	14 359 487	15 276 596	16 209 329	13 251 491	14 598 243	14 947 770
-Motor vehicles	84 832 480	7 978 437	7 980 263	8 321 323	7 163 289	7 274 610	7 448 152
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	592 842	667 075	711 418	559 870	645 692	662 634
-Parts and accessories	53 953 406	4 861 294	5 468 059	6 046 427	4 580 835	5 516 350	5 682 472
-Other transport equipment	11 112 126	926 914	1 161 199	1 130 161	947 498	1 161 592	1 154 512
<b>Furniture and other manufacturing division</b>	47 473 542	4 359 192	4 395 964	4 703 194	4 260 818	4 280 879	4 578 402
-Furniture	11 111 675	952 443	1 056 955	1 038 056	917 862	1 013 612	1 000 098
-Other manufacturing groups	36 361 867	3 406 749	3 339 009	3 665 138	3 342 955	3 267 267	3 578 304
<b>Total</b>	<b>974 593 072</b>	<b>87 085 746</b>	<b>93 677 498</b>	<b>98 660 968</b>	<b>84 001 780</b>	<b>93 024 357</b>	<b>95 064 122</b>

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		
		August 2006	1/ August 2007	Percentage change between August 2006 and August 2007	July 2007	August 2007	Percentage change between July 2007 and August 2007
Food and beverages	162 972 883	13 747 602	16 053 709	16,8	15 869 321	16 232 082	2,3
-Meat, fish, fruit etc.	41 176 139	3 597 428	4 046 235	12,5	4 048 917	4 064 560	0,4
-Dairy products	14 565 753	1 206 933	1 442 427	19,5	1 353 140	1 455 193	7,5
-Grain mill products	27 228 030	2 278 379	3 035 450	33,2	2 976 693	2 999 533	0,8
-Other food products	36 470 564	3 202 838	3 616 405	12,9	3 397 354	3 485 440	2,6
-Beverages	43 532 397	3 462 024	3 913 192	13,0	4 093 218	4 227 356	3,3
Textiles, clothing, leather and footwear	38 738 057	3 367 065	3 637 019	8,0	3 413 447	3 512 712	2,9
-Textiles	6 176 472	515 722	602 726	16,9	563 853	587 431	4,2
-Other textile products	10 386 013	903 621	984 581	9,0	851 431	970 273	14,0
-Knitted, crocheted articles	1 709 727	141 566	159 056	12,4	148 942	156 173	4,9
-Wearing apparel	13 475 245	1 216 044	1 224 391	0,7	1 236 029	1 158 397	-6,3
-Leather and leather products	4 370 166	355 264	417 560	17,5	394 295	412 016	4,5
-Footwear	2 620 434	234 848	248 705	5,9	218 897	228 422	4,4
Wood and wood products, paper, publishing and printing	85 858 496	7 520 899	8 122 428	8,0	7 926 544	7 963 853	0,5
-Sawmilling and planing of wood	5 768 969	535 522	526 396	-1,7	527 085	508 827	-3,5
-Products of wood	12 545 668	1 186 009	1 405 314	18,5	1 229 848	1 291 024	5,0
-Paper and paper products	37 847 135	3 265 984	3 369 833	3,2	3 401 634	3 353 718	-1,4
-Publishing	12 635 281	1 073 478	1 217 175	13,4	1 209 732	1 198 566	-0,9
-Printing, recorded media	17 061 443	1 459 906	1 603 710	9,9	1 558 245	1 611 717	3,4
Petroleum, chemical products, rubber and plastic products	199 464 801	17 980 578	20 949 257	16,5	18 901 484	19 979 311	5,7
-Coke, petroleum products and nuclear fuel	71 375 299	6 634 982	7 598 903	14,5	6 465 105	6 750 165	4,4
-Basic chemicals	43 317 004	3 900 830	4 908 259	25,8	4 263 731	4 889 905	14,7
-Other chemical products	48 088 076	4 101 407	4 682 756	14,2	4 491 653	4 694 408	4,5
-Rubber products	9 633 869	916 529	877 503	-4,3	906 633	859 163	-5,2
-Plastic products	27 050 553	2 426 830	2 881 836	18,7	2 774 362	2 785 670	0,4
-Glass and non-metallic mineral products	29 409 940	2 625 685	2 899 124	10,4	2 761 679	2 700 804	-2,2
-Glass and glass products	5 394 842	476 714	464 453	-2,6	483 463	431 708	-10,7
-Non-metallic mineral products	24 015 098	2 148 971	2 434 671	13,3	2 278 216	2 269 097	-0,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	211 933 060	19 239 810	21 752 384	13,1	21 120 092	20 995 484	-0,6
-Basic iron and steel products	79 266 467	7 304 648	8 140 758	11,4	8 251 582	7 954 695	-3,6
-Non-ferrous metal products	33 503 712	2 975 548	3 330 283	11,9	3 219 810	3 264 681	1,4
-Structural metal products	15 644 024	1 430 508	1 647 235	15,2	1 502 087	1 569 693	4,5
-Other fabricated metal products	30 245 855	2 668 561	3 433 039	28,6	3 109 363	3 233 642	4,0
-General purpose machinery	19 554 445	1 752 567	1 961 987	11,9	1 909 444	1 900 185	-0,5
-Special purpose machinery	24 012 090	2 241 311	2 408 296	7,5	2 332 408	2 283 552	-2,1
-Household appliances	9 706 467	866 667	830 786	-4,1	795 399	789 036	-0,8
Electrical machinery	29 647 788	2 784 154	3 106 500	11,6	2 923 024	2 907 767	-0,5
Radio, television and communication apparatus and professional equipment	12 960 442	1 101 274	1 228 024	11,5	1 229 643	1 245 937	1,3
-Radio, television and communication apparatus	7 541 477	646 959	677 988	4,8	712 141	696 575	-2,2
-Professional equipment	5 418 965	454 315	550 036	21,1	517 502	549 362	6,2
Motor vehicles, parts and accessories and other transport equipment	156 134 063	14 359 487	16 209 329	12,9	14 598 243	14 947 770	2,4
-Motor vehicles	84 832 480	7 978 437	8 321 323	4,3	7 274 610	7 448 152	2,4
-Bodies for motor vehicles, trailers and semi-trailers	6 236 051	592 842	711 418	20,0	645 692	662 634	2,6
-Parts and accessories	53 953 406	4 861 294	6 046 427	24,4	5 516 350	5 682 472	3,0
-Other transport equipment	11 112 126	926 914	1 130 161	21,9	1 161 592	1 154 512	-0,6
Furniture and other manufacturing division	47 473 542	4 359 192	4 703 194	7,9	4 280 879	4 578 402	7,0
-Furniture	11 111 675	952 443	1 038 056	9,0	1 013 612	1 000 098	-1,3
-Other manufacturing groups	36 361 867	3 406 749	3 665 138	7,6	3 267 267	3 578 304	9,5
Total	974 593 072	87 085 746	98 660 968	13,3	93 024 357	95 064 122	2,2

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)		
		June to August 2006	June to August 2007	Annual percentage change between June to August 2006 and June to August 2007	June to August 2006	June to August 2007	Annual percentage change between June to August 2006 and June to August 2007
<b>Food and beverages</b>	16,4	120,6	126,1	4,6	40 159 830	46 714 199	16,3
-Meat, fish, fruit etc.	2,6	124,7	127,4	2,2	10 349 119	12 013 444	16,1
-Dairy products	1,1	104,4	106,6	2,1	3 470 597	3 964 920	14,2
-Grain mill products	1,5	126,0	130,3	3,4	6 867 660	9 037 154	31,6
-Other food products	6,8	121,1	126,4	4,4	9 339 145	10 328 630	10,6
-Beverages	4,3	119,5	128,5	7,5	10 133 309	11 370 051	12,2
<b>Textiles, clothing, leather and footwear</b>	5,4	102,8	106,7	3,8	9 846 662	10 531 841	7,0
-Textiles	1,2	83,6	88,1	5,4	1 587 432	1 780 411	12,2
-Other textile products	1,2	127,7	123,9	-3,0	2 770 965	2 787 856	0,6
-Knitted, crocheted articles	0,3	79,5	85,3	7,3	424 356	469 443	10,6
-Wearing apparel	2,0	108,4	116,6	7,6	3 349 483	3 633 134	8,5
-Leather and leather products	0,3	93,5	101,0	8,0	1 041 985	1 174 522	12,7
-Footwear	0,4	88,3	86,9	-1,6	672 441	686 475	2,1
<b>Wood and wood products, paper, publishing and printing</b>	11,0	117,9	118,7	0,7	22 116 317	23 988 981	8,5
-Sawmilling and planing of wood	0,7	125,4	122,3	-2,5	1 549 098	1 577 529	1,8
-Products of wood	1,0	143,4	148,7	3,7	3 449 885	3 943 322	14,3
-Paper and paper products	4,8	114,8	115,2	0,3	9 796 686	10 406 941	6,2
-Publishing	2,4	118,2	120,3	1,8	3 119 641	3 507 094	12,4
-Printing, recorded media	2,1	110,2	109,7	-0,5	4 201 007	4 554 095	8,4
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	115,6	124,0	7,3	51 694 763	58 651 703	13,5
-Coke, petroleum products and nuclear fuel	9,1	89,6	95,3	6,4	19 001 406	20 407 958	7,4
-Basic chemicals	4,0	128,6	143,2	11,4	11 183 442	13 379 872	19,6
-Other chemical products	5,4	131,9	139,9	6,1	12 007 937	13 615 824	13,4
-Rubber products	1,1	97,9	82,9	-15,3	2 570 277	2 721 120	5,9
-Plastic products	3,0	155,3	173,4	11,7	6 931 701	8 526 929	23,0
<b>Glass and non-metallic mineral products</b>	3,9	137,5	140,6	2,3	7 818 636	8 658 506	10,7
-Glass and glass products	1,1	155,6	153,4	-1,4	1 362 309	1 432 568	5,2
-Non-metallic mineral products	2,9	130,8	135,8	3,8	6 456 327	7 225 938	11,9
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	125,4	128,7	2,6	55 964 103	64 395 493	15,1
-Basic iron and steel products	5,5	116,6	106,5	-8,7	21 227 754	24 894 253	17,3
-Non-ferrous metal products	4,7	119,0	120,2	1,0	8 883 972	9 872 919	11,1
-Structural metal products	1,3	135,6	143,4	5,8	4 231 841	4 843 314	14,4
-Other fabricated metal products	4,2	131,9	152,1	15,3	7 980 940	9 829 409	23,2
-General purpose machinery	2,4	117,0	124,3	6,2	5 074 307	5 724 800	12,8
-Special purpose machinery	3,2	140,2	147,4	5,1	6 146 572	6 823 626	11,0
-Household appliances	1,2	135,3	126,5	-6,5	2 418 717	2 407 172	-0,5
-Electrical machinery	2,7	113,5	111,7	-1,6	7 903 488	9 136 446	15,6
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	111,8	122,1	9,2	3 281 371	3 658 105	11,5
-Radio, television and communication apparatus	0,7	102,5	102,5	0,0	1 932 547	2 054 834	6,3
-Professional equipment	0,6	121,2	142,0	17,2	1 348 824	1 603 271	18,9
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	155,8	153,1	-1,7	41 795 379	45 843 993	9,7
-Motor vehicles	4,1	164,0	148,9	-9,2	23 114 312	23 441 005	1,4
-Bodies for motor vehicles, trailers and semi-trailers	0,4	201,8	227,4	12,7	1 669 896	1 986 640	19,0
-Parts and accessories	3,1	156,6	164,0	4,7	14 051 917	16 945 410	20,6
-Other transport equipment	1,0	102,1	108,5	6,3	2 959 254	3 470 938	17,3
<b>Furniture and other manufacturing division</b>	5,8	117,0	123,1	5,2	12 387 702	13 587 944	9,7
-Furniture	1,6	146,7	149,5	1,9	2 828 366	3 050 960	7,9
-Other manufacturing groups	4,2	105,8	113,2	7,0	9 559 336	10 536 984	10,2
<b>Total</b>	<b>100,0</b>	<b>122,5</b>	<b>126,6</b>	<b>3,3</b>	<b>252 968 251</b>	<b>285 167 211</b>	<b>12,7</b>

**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 Aug. 2006	Jan. to Aug. 2007	Annual percentage change between 2006 and 2007	Contribution (percentage points)	Jan. to Aug. 2006	Jan. to Aug. 2007	Annual percentage change between 2006 and 2007	Difference in sales between 2006 and 2007
<b>Food and beverages</b>	16,4	115,4	120,8	4,7	0,8	102 369	119 271	16,5	16 902
-Meat, fish, fruit etc.	2,6	124,1	130,6	5,2	0,1	26 023	30 729	18,1	4 706
-Dairy products	1,1	104,7	109,0	4,1	0,0	9 194	10 217	11,1	1 023
-Grain mill products	1,5	122,9	129,3	5,2	0,1	17 411	22 186	27,4	4 775
-Other food products	6,8	105,1	107,5	2,3	0,2	23 152	25 301	9,3	2 149
-Beverages	4,3	126,4	135,9	7,5	0,3	26 588	30 838	16,0	4 250
<b>Textiles, clothing, leather and footwear</b>	5,4	97,0	99,2	2,3	0,1	24 946	26 520	6,3	1 574
-Textiles	1,2	79,5	81,4	2,4	0,0	4 032	4 370	8,4	338
-Other textile products	1,2	117,8	116,1	-1,4	0,0	6 783	7 061	4,1	278
-Knitted, crocheted articles	0,3	79,0	83,2	5,3	0,0	1 112	1 218	9,5	106
-Wearing apparel	2,0	102,2	107,0	4,7	0,1	8 498	9 053	6,5	555
-Leather and leather products	0,3	97,9	100,2	2,3	0,0	2 887	3 140	8,8	253
-Footwear	0,4	79,6	79,2	-0,5	0,0	1 635	1 678	2,6	43
<b>Wood and wood products, paper, publishing and printing</b>	11,0	112,1	115,0	2,6	0,3	54 717	60 429	10,4	5 712
-Sawmilling and planing of wood	0,7	117,0	120,2	2,7	0,0	3 731	4 109	10,1	378
-Products of wood	1,0	128,2	133,9	4,4	0,0	8 058	9 227	14,5	1 169
-Paper and paper products	4,8	108,7	111,0	2,1	0,1	24 115	26 212	8,7	2 097
-Publishing	2,4	113,9	120,4	5,7	0,1	7 868	9 189	16,8	1 321
-Printing, recorded media	2,1	108,6	107,5	-1,0	0,0	10 946	11 692	6,8	746
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	112,6	120,4	6,9	1,6	125 700	149 782	19,2	24 082
-Coke, petroleum products and nuclear fuel	9,1	96,4	94,1	-2,4	-0,2	45 656	53 293	16,7	7 637
-Basic chemicals	4,0	117,4	136,8	16,5	0,7	26 698	33 120	24,1	6 422
-Other chemical products	5,4	125,2	136,5	9,0	0,5	30 316	35 155	16,0	4 839
-Rubber products	1,1	90,2	84,7	-6,1	-0,1	6 227	6 929	11,3	702
-Plastic products	3,0	141,6	163,8	15,7	0,5	16 802	21 285	26,7	4 483
<b>Glass and non-metallic mineral products</b>	3,9	125,9	134,7	7,0	0,3	18 856	21 534	14,2	2 678
-Glass and glass products	1,1	141,9	148,6	4,7	0,1	3 304	3 656	10,7	352
-Non-metallic mineral products	2,9	119,9	129,5	8,0	0,2	15 552	17 878	15,0	2 326
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	118,1	125,9	6,6	1,5	132 248	165 439	25,1	33 191
-Basic iron and steel products	5,5	110,1	113,2	2,8	0,2	47 957	65 770	37,1	17 813
-Non-ferrous metal products	4,7	118,9	118,4	-0,4	0,0	20 962	25 764	22,9	4 802
-Structural metal products	1,3	121,2	132,0	8,9	0,1	10 041	11 702	16,5	1 661
-Other fabricated metal products	4,2	120,3	140,5	16,8	0,7	19 287	23 855	23,7	4 568
-General purpose machinery	2,4	107,6	117,9	9,6	0,2	12 447	14 185	14,0	1 738
-Special purpose machinery	3,2	129,9	141,9	9,2	0,3	15 214	17 589	15,6	2 375
-Household appliances	1,2	133,6	130,7	-2,2	0,0	6 339	6 575	3,7	236
<b>Electrical machinery</b>	2,7	102,1	104,6	2,4	0,1	18 333	22 843	24,6	4 510
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	106,8	115,0	7,7	0,1	8 291	9 157	10,4	866
-Radio, television and communication apparatus	0,7	91,2	97,8	7,2	0,1	4 731	5 131	8,5	400
-Professional equipment	0,6	122,6	132,4	8,0	0,0	3 559	4 026	13,1	467
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	145,6	147,9	1,6	0,1	100 088	116 762	16,7	16 674
-Motor vehicles	4,1	148,5	144,0	-3,0	-0,1	54 479	58 548	7,5	4 069
-Bodies for motor vehicles, trailers and semi-trailers	0,4	179,5	218,6	21,8	0,1	3 880	4 932	27,1	1 052
-Parts and accessories	3,1	154,1	158,3	2,7	0,1	34 632	44 492	28,5	9 860
-Other transport equipment	1,0	94,1	105,4	12,0	0,1	7 096	8 790	23,9	1 694
<b>Furniture and other manufacturing division</b>	5,8	107,3	113,7	6,0	0,3	29 938	34 372	14,8	4 434
-Furniture	1,6	132,7	134,9	1,7	0,0	6 765	7 301	7,9	536
-Other manufacturing groups	4,2	97,8	105,7	8,1	0,3	23 174	27 070	16,8	3 896
<b>Total</b>	<b>100,0</b>	<b>116,1</b>	<b>122,0</b>	<b>5,1</b>	<b>5,1</b>	<b>615 486</b>	<b>726 109</b>	<b>18,0</b>	<b>110 623</b>

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



## Explanatory notes

- Introduction**
- 1 Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the new business register, with enhanced coverage of South African businesses (see 4 below). The release contains monthly indices of the physical volume of manufacturing production and monthly value of sales of manufactured products by divisions and major groups within manufacturing.
  - 2 In accordance with international practice, the indices are re-based every five years to a new base year. The base period of the index is 2000. Both estimated and seasonally adjusted figures are presented.
  - 3 In order to improve timeliness, some information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available.
  - 4 As indicated earlier, Stats SA is continuously upgrading its new business register, based on units registered for value-added tax (VAT) and income tax (IT), obtained from the South African Revenue Service (SARS).
- Purpose of the survey**
- 5 The results of the monthly manufacturing production and sales survey are used to calculate indices of the physical volume of manufacturing production. These indices provide an indicator of the real level of manufacturing activity in the economy. They are used in monitoring the state of the economy and formulation of economic policy. They are also important inputs to estimation of the Gross Domestic Product (GDP).
- Special Data Dissemination Standard of the IMF**
- 6 The data in this statistical release adhere to the Special Data Dissemination Standard (SDDS) of the International Monetary Fund (IMF), which sets out standards on coverage, periodicity and timeliness of data, access by the public, integrity, and quality of the disseminated data.
- Scope of the survey**
- 7 This survey covers manufacturing enterprises, i.e. those conducting activities in -
    - the manufacturing, processing, making or packing of products;
    - the slaughtering of animals, including poultry; and
    - installation, assembly, completion, repair and related work.
- Classification**
- 8 The 1993 edition of the *Standard Industrial Classification of all Economic Activities (SIC)*, Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 *International Standard Industrial Classification of all Economic Activities (ISIC)* with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (two digit) and major group (three digit) level. Each enterprise is classified to an industry which reflects its predominant activity.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for August 2007 was 82,0%. Improved response rate for July 2007 was 85,1%.
- 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](http://www.statssa.gov.za/publications/publicationsearch.asp).
- 16 For indices, a weight is calculated for every major group according to the value added of the major group relative to the total value added of the manufacturing industry as a whole, based on the results of the most recent census of manufacturing or large sample survey of the manufacturing industry. For the period 1996 to 2000, the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 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](http://www.statssa.gov.za)
- Symbols and abbreviations**     **25**
- |          |   |
|----------|---|
| GDP      | Gross Domestic Product  |
| ISIC     | International Standard Industrial Classification              |
| m        | Million   |
| SIC      | Standard Industrial Classification of all Economic Activities |
| SARS     | South African Revenue Service                                 |
| Stats SA | Statistics South Africa                                       |
| VAT      | Value-added tax   |
| 1/       | Preliminary figures   |
| *        | Revised figures   |

**Technical notes****26 Neyman optimal allocation**

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

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

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

Class limits: Manufacturing

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

## Glossary

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

Turnover excludes -

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

**Weight**

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

**Table E – Weights according to manufacturing major groups**

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

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