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## SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

**Table A - Selected key figures regarding manufacturing production and sales for February 2008**

Estimates	February 2008	% change between February 2007 and February 2008	% change between December 2006 to February 2007 and December 2007 to February 2008	% change between January to February 2007 and January to February 2008
Physical volume of manufacturing production index (2000=100)	122,3	3,5	1,7	2,4
Total value of sales of manufactured products (R million)	101 633	15,3	13,0	13,9

Seasonally adjusted estimates	February 2008	% change between January and February 2008	% change between September to November 2007 and December 2007 to February 2008
Physical volume of manufacturing production index (2000=100)	128,3	2,7	0,8
Total value of sales of manufactured products (R million)	106 070	5,4	5,6

### Manufacturing production increases at slower pace

***The estimated seasonally adjusted manufacturing production for the three months ended February 2008 increased by 0,8% compared with the previous three months. Higher production levels were reported by four of the ten manufacturing divisions. This is lower than the 2,2% increase reported for the same three-month period up to February 2007.***

The major contributor to the seasonally adjusted increase of 0,8% in total manufacturing production for the three months ended February 2008 compared with the previous three months was the motor vehicles, parts and accessories and other transport equipment division (contributing +0,7 of a percentage point), followed by the furniture and 'other' manufacturing division (contributing +0,3 of a percentage point) and the glass and non-metallic mineral products division (contributing +0,2 of a percentage point). However, these increases were partially counteracted by decreases reported by other divisions, mainly the wood and wood products, paper, publishing and printing 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**

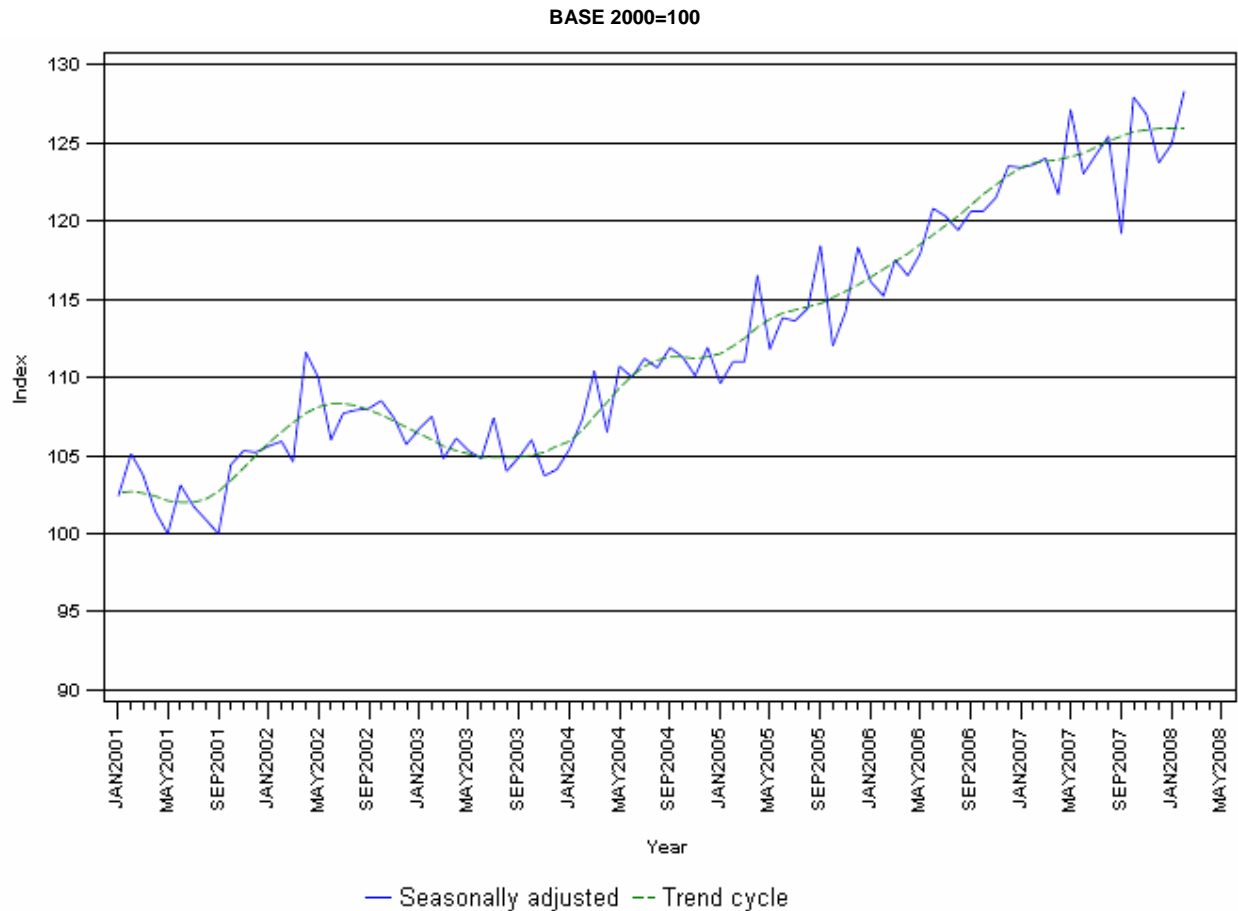
(Base 2000=100)

Manufacturing divisions and major groups	Percentage contribution to total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2001	Average seasonally adjusted production index for September to November 2007	Average seasonally adjusted production index for December 2007 to February 2008	Quarterly percentage change of December 2007 to February 2008 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and beverages	16,4	124,7	123,9	-0,6	-0,1
-Food and food products	12,1	117,3	118,3	0,9	0,1
-Beverages	4,3	145,6	139,6	-4,1	-0,2
Textiles, clothing, leather and footwear	5,4	105,1	104,1	-1,0	0,0
-Textiles	2,4	100,1	99,8	-0,3	0,0
-Wearing apparel	2,3	112,9	112,4	-0,4	0,0
-Leather and leather products	0,3	108,3	105,7	-2,4	0,0
-Footwear	0,4	89,4	82,9	-7,3	0,0
Wood and wood products, paper, publishing and printing	11,0	117,6	116,0	-1,4	-0,2
-Wood and products of wood	1,7	125,9	118,4	-6,0	-0,1
-Paper and paper products	4,8	113,4	119,0	4,9	0,2
-Publishing and printing	4,6	118,7	111,9	-5,7	-0,3
Petroleum, chemical products, rubber and plastic products	22,5	128,9	128,5	-0,3	-0,1
-Coke, petroleum products and nuclear fuel	9,1	104,6	100,0	-4,4	-0,4
-Basic chemicals	4,0	143,3	154,2	7,6	0,3
-Other chemical products	5,4	141,8	139,7	-1,5	-0,1
-Rubber products	1,1	85,3	83,8	-1,8	0,0
-Plastic products	3,0	177,3	178,8	0,8	0,0
Glass and non-metallic mineral products	3,9	134,0	141,8	5,8	0,2
-Glass and glass products	1,1	154,0	166,1	7,9	0,1
-Non-metallic mineral products	2,9	126,6	132,8	4,9	0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	125,1	124,7	-0,3	-0,1
-Basic iron and steel products	5,5	107,3	106,3	-0,9	0,0
-Basic precious, non-ferrous metal products	4,7	119,2	118,7	-0,4	0,0
-Fabricated metal products	5,5	142,3	136,2	-4,3	-0,2
-Machinery and equipment	6,7	129,9	134,8	3,8	0,3
Electrical machinery	2,7	110,0	111,0	0,9	0,0
Radio, television and communication apparatus and professional equipment	1,3	117,3	112,3	-4,3	0,0
-Radio, television and communication apparatus	0,7	98,4	97,9	-0,5	0,0
-Professional equipment	0,6	136,5	127,0	-7,0	0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	137,0	147,5	7,7	0,7
-Motor vehicles, trailers, parts and accessories	7,6	141,9	153,5	8,2	0,6
-Other transport equipment	1,0	99,0	100,6	1,6	0,0
Furniture and other manufacturing division	5,8	121,2	127,9	5,5	0,3
-Furniture	1,6	142,4	145,3	2,0	0,0
-Other manufacturing groups	4,2	113,2	121,4	7,2	0,3
<b>Total</b>	<b>100,0</b>	<b>124,6</b>	<b>125,6</b>	<b>0,8</b>	<b>0,8</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 February 2008. The trend series has generally been increasing since the end of 2004, starting to level off towards the end of 2007.

**Figure 1 – Index of the physical volume of manufacturing production**



**Seasonally adjusted sales of manufactured products increase**

***The estimated total value of sales of manufactured products at current prices for the three months ended February 2008 increased by 5,6% (R16 159 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by nine of the ten manufacturing divisions during this period (see Table C).***

The seasonally adjusted increase of 5,6% in the total value of sales of manufactured products at current prices for the three months ended February 2008 compared with the previous three months was mainly due to increases reported for the petroleum, chemical products, rubber and plastic products division (+9,2% or + R5 689 million), the motor vehicles, parts and accessories and other transport equipment division (+6,4% or + R2 711 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (+6,2% or +R3 894 million) and the food and beverages division (+4,2% or +R2 122 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 September to November 2007	Seasonally adjusted sales December 2007 to February 2008	Percentage change between September to November 2007 and December 2007 to February 2008	Difference in seasonally adjusted sales of manufacturing divisions between September to November 2007 and December 2007 to February 2008
	R '000	R '000		R '000
<b>Food and beverages</b>	50 027 692	52 150 092	4,2	2 122 400
-Food and food products	37 232 311	39 208 286	5,3	1 975 975
-Beverages	12 795 381	12 941 805	1,1	146 424
<b>Textiles, clothing, leather and footwear</b>	10 572 150	10 728 777	1,5	156 627
-Textiles	4 350 966	4 321 516	-0,7	-29 450
-Wearing apparel	4 237 478	4 356 580	2,8	119 102
-Leather and leather products	1 249 303	1 291 160	3,4	41 857
-Footwear	734 402	759 520	3,4	25 118
<b>Wood and wood products, paper, publishing and printing</b>	23 917 383	24 102 802	0,8	185 419
-Wood and products of wood	5 244 464	5 275 099	0,6	30 635
-Paper and paper products	10 225 271	10 927 923	6,9	702 652
-Publishing and printing	8 447 649	7 899 781	-6,5	-547 868
<b>Petroleum, chemical products, rubber and plastic products</b>	62 045 295	67 734 325	9,2	5 689 030
-Coke, petroleum products and nuclear fuel	23 632 594	27 039 900	14,4	3 407 306
-Basic chemicals	13 037 036	14 818 486	13,7	1 781 450
-Other chemical products	13 996 296	14 158 186	1,2	161 890
-Rubber products	2 629 424	2 607 495	-0,8	-21 929
-Plastic products	8 749 946	9 110 259	4,1	360 313
<b>Glass and non-metallic mineral products</b>	8 259 230	8 663 712	4,9	404 482
-Glass and glass products	1 451 645	1 559 213	7,4	107 568
-Non-metallic mineral products	6 807 585	7 104 500	4,4	296 915
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	63 032 953	66 926 520	6,2	3 893 567
-Basic iron and steel products	24 305 464	28 278 701	16,3	3 973 237
-Basic precious, non-ferrous metal products	9 807 672	9 519 411	-2,9	-288 261
-Fabricated metal products	14 417 595	13 863 606	-3,8	-553 989
-Machinery and equipment	14 502 222	15 264 804	5,3	762 582
-Electrical machinery	9 179 084	9 578 880	4,4	399 796
<b>Radio, television and communication apparatus and professional equipment</b>	3 532 838	3 420 965	-3,2	-111 873
-Radio, television and communication apparatus	1 965 197	1 939 208	-1,3	-25 989
-Professional equipment	1 567 641	1 481 756	-5,5	-85 885
<b>Motor vehicles, parts and accessories and other transport equipment</b>	42 435 047	45 145 821	6,4	2 710 774
-Motor vehicles, trailers, parts and accessories	39 231 494	41 805 142	6,6	2 573 648
-Other transport equipment	3 203 553	3 340 679	4,3	137 126
<b>Furniture and other manufacturing division</b>	13 610 103	14 319 104	5,2	709 001
-Furniture	2 956 442	2 999 158	1,4	42 716
-Other manufacturing groups	10 653 661	11 319 946	6,3	666 285
<b>Total</b>	<b>286 611 775</b>	<b>302 771 000</b>	<b>5,6</b>	<b>16 159 225</b>

**Sales of manufactured products increase**

*The value of sales of manufactured products at current prices for the three months ended February 2008 was 13,0% (R31 624 million) higher than for the three months ended February 2007 (see Table D). Increased sales were reflected in all divisions.*

The major contributors to the increase of 13,0% in sales of manufactured products at current prices for the three months ended February 2008 compared with the three months ended February 2007 were the petroleum, chemical products, rubber and plastic products division (+4,7 percentage points or +R11 537 million), the food and beverages division (+3,1 percentage points or +R7 541 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (+2,6 percentage points or +R6 424 million) (see Table D).

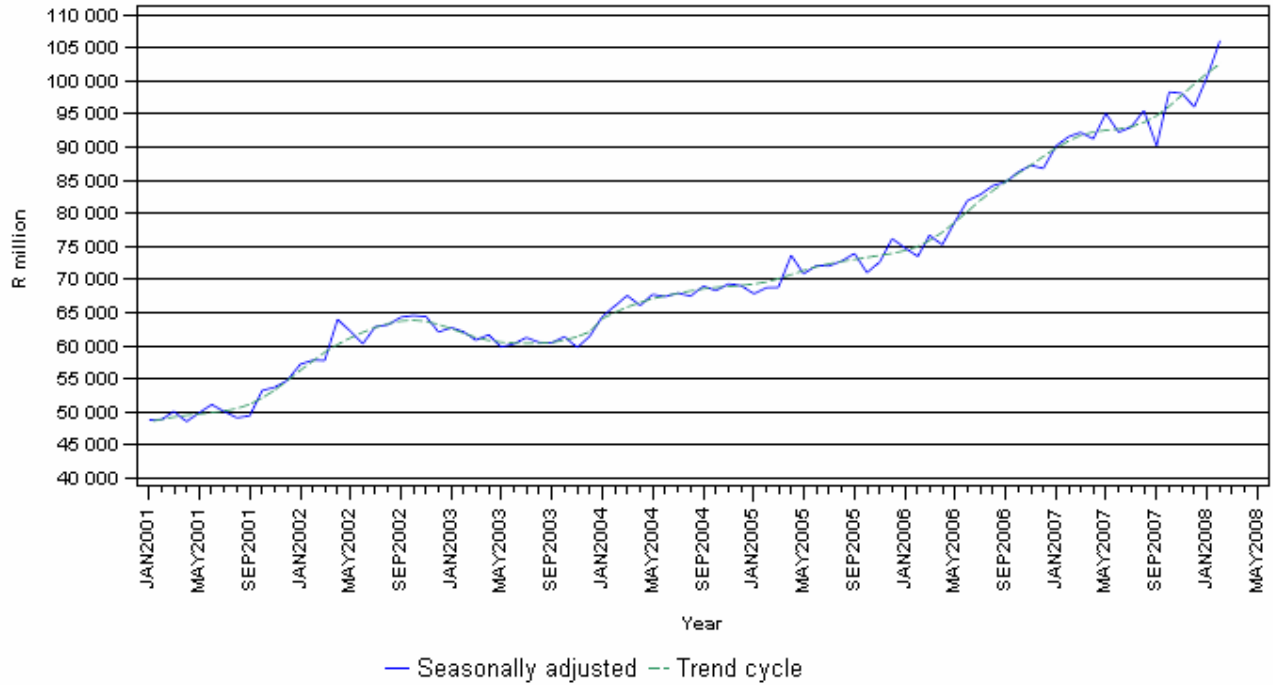
**Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices**

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products December 2006 to February 2007	Percentage change between December 2006 to February 2007 and December 2007 to February 2008	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between December 2006 to February 2007 and December 2007 to February 2008
				R '000
<b>Food and beverages</b>	17,9	17,3	3,1	7 540 838
-Food and food products	12,6	20,8	2,6	6 403 922
-Beverages	5,3	8,8	0,5	1 136 916
<b>Textiles, clothing, leather and footwear</b>	3,5	6,2	0,2	526 264
-Textiles	1,5	0,7	0,0	25 725
-Wearing apparel	1,4	10,0	0,1	331 570
-Leather and leather products	0,4	10,4	0,0	112 246
-Footwear	0,2	10,4	0,0	56 723
<b>Wood and wood products, paper, publishing and printing</b>	8,5	5,5	0,5	1 138 561
-Wood and products of wood	1,7	7,4	0,1	305 235
-Paper and paper products	3,8	9,7	0,4	890 586
-Publishing and printing	3,0	-0,8	0,0	-57 260
<b>Petroleum, chemical products, rubber and plastic products</b>	20,6	23,0	4,7	11 536 923
-Coke, petroleum products and nuclear fuel	7,6	38,1	2,9	7 017 695
-Basic chemicals	4,5	21,7	1,0	2 373 370
-Other chemical products	4,8	7,6	0,4	891 821
-Rubber products	0,9	-0,4	0,0	-9 463
-Plastic products	2,8	18,6	0,5	1 263 500
<b>Glass and non-metallic mineral products</b>	2,7	10,4	0,3	681 653
-Glass and glass products	0,5	5,9	0,0	75 908
-Non-metallic mineral products	2,2	11,5	0,3	605 745
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,3	11,8	2,6	6 424 025
-Basic iron and steel products	9,1	19,1	1,7	4 223 287
-Basic precious, non-ferrous metal products	3,5	1,4	0,0	122 802
-Fabricated metal products	4,4	10,9	0,5	1 165 101
-Machinery and equipment	5,3	7,0	0,4	912 835
Electrical machinery	3,0	12,7	0,4	937 028
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	0,0	0,0	1 443
-Radio, television and communication apparatus	0,7	-1,9	0,0	-34 016
-Professional equipment	0,6	2,6	0,0	35 459
<b>Motor vehicles, parts and accessories and other transport equipment</b>	15,3	4,4	0,7	1 661 294
-Motor vehicles, trailers, parts and accessories	14,2	4,4	0,6	1 503 743
-Other transport equipment	1,2	5,5	0,1	157 551
<b>Furniture and other manufacturing division</b>	4,9	9,9	0,5	1 175 969
-Furniture	0,9	4,1	0,0	94 118
-Other manufacturing groups	3,9	11,3	0,4	1 081 851
<b>Total</b>	<b>100,0</b>	<b>13,0</b>	<b>13,0</b>	<b>31 623 998</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 2006/2007, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 2001 and February 2008. Since late 2003 the trend has generally moved upwards.

**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	2002	2003	2004	2005	2006	2007	2008
Jan	93,7	94,4	93,1	96,2	101,7	107,6	1/ 108,9
Feb	103,6	104,3	103,6	106,3	110,1	118,2	1/ 122,3
Mar	108,2	108,4	114,1	114,9	121,4	128,3	
Apr	104,4	100,0	100,3	109,2	109,2	113,9	
May	110,3	105,7	111,6	112,8	118,9	128,1	
Jun	106,7	105,3	110,5	114,3	121,4	123,7	
Jul	108,8	108,7	113,0	115,5	122,2	126,1	
Aug	109,8	106,3	113,7	118,2	123,8	130,1	
Sep	111,4	108,7	116,0	122,9	125,5	123,9	
Oct	119,6	116,7	122,5	123,2	132,6	140,3	
Nov	119,8	114,9	122,3	127,1	135,4	141,1	
Dec	92,7	91,5	99,0	104,6	109,3	1/ 109,5	
Year	107,4	105,4	110,0	113,8	119,3	124,2	

1/ Preliminary.

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

Month	2002	2003	2004	2005	2006	2007	2008
Jan	-	0,7	-1,4	3,3	5,7	5,8	1,2
Feb	-	0,7	-0,7	2,6	3,6	7,4	3,5
Mar	-	0,2	5,3	0,7	5,7	5,7	
Apr	-	-4,2	0,3	8,9	0,0	4,3	
May	-	-4,2	5,6	1,1	5,4	7,7	
Jun	-	-1,3	4,9	3,4	6,2	1,9	
Jul	-	-0,1	4,0	2,2	5,8	3,2	
Aug	-	-3,2	7,0	4,0	4,7	5,1	
Sep	-	-2,4	6,7	5,9	2,1	-1,3	
Oct	-	-2,4	5,0	0,6	7,6	5,8	
Nov	-	-4,1	6,4	3,9	6,5	4,2	
Dec	-	-1,3	8,2	5,7	4,5	0,2	
Year	-	-1,9	4,4	3,5	4,8	4,1	

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	2002	2003	2004	2005	2006	2007	2008
Jan	105,8	107,0	105,4	109,6	116,1	123,4	124,9
Feb	105,9	107,7	107,3	111,0	115,2	123,6	128,3
Mar	104,6	104,7	110,4	111,0	117,5	124,0	
Apr	112,0	106,8	106,5	116,5	116,5	121,7	
May	109,8	105,1	110,7	111,8	117,9	127,1	
Jun	106,0	104,8	110,0	113,8	120,8	123,0	
Jul	107,4	107,2	111,2	113,6	120,3	124,2	
Aug	107,7	103,8	110,6	114,4	119,4	125,4	
Sep	108,0	105,1	111,9	118,4	120,6	119,2	
Oct	108,6	106,1	111,3	112,0	120,6	127,9	
Nov	107,5	103,6	110,1	114,2	121,5	126,8	
Dec	105,1	103,1	111,9	118,3	123,5	123,7	

**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	1/ Year 2007	Indices			Seasonally adjusted indices		
			February 2007	1/ January 2008	1/ February 2008	February 2007	January 2008	February 2008
<b>Food and beverages</b>	16,4	124,5	111,4	105,7	116,8	122,0	123,4	128,7
-Meat, fish, fruit etc.	2,6	130,7	130,6	114,9	130,5	129,1	126,1	129,2
-Dairy products	1,1	112,3	107,4	115,2	113,7	114,1	113,5	120,9
-Grain mill products	1,5	129,4	121,2	121,8	119,3	132,6	131,1	130,5
-Other food products	6,8	111,2	81,2	80,4	92,5	105,7	112,8	120,1
-Beverages	4,3	143,1	145,0	131,9	146,7	142,0	138,2	143,4
<b>Textiles, clothing, leather and footwear</b>	5,4	102,6	103,5	73,4	107,9	102,6	103,0	106,9
-Textiles	1,2	80,0	84,6	56,9	87,7	79,8	80,0	82,2
-Other textile products	1,2	119,5	122,0	90,3	124,1	122,3	124,9	124,6
-Knitted, crocheted articles	0,3	82,6	85,9	50,2	93,9	82,4	67,1	89,9
-Wearing apparel	2,0	113,8	112,2	78,4	116,7	112,2	115,4	116,8
-Leather and leather products	0,3	101,6	106,3	102,5	114,6	102,3	110,6	109,8
-Footwear	0,4	84,9	78,6	46,0	86,6	84,4	72,1	93,0
<b>Wood and wood products, paper, publishing and printing</b>	11,0	117,5	113,4	99,4	113,5	118,0	114,2	118,3
-Sawmilling and planing of wood	0,7	116,4	121,5	92,1	105,0	120,5	105,6	104,6
-Products of wood	1,0	134,9	122,8	102,8	121,4	129,6	133,9	128,7
-Paper and paper products	4,8	113,5	106,6	105,6	116,5	113,1	116,5	123,5
-Publishing	2,4	123,9	124,4	98,7	114,4	126,5	112,5	116,2
-Printing, recorded media	2,1	111,5	108,9	87,4	104,8	112,9	104,8	108,6
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	124,1	112,6	118,3	123,0	120,1	128,7	131,5
-Coke, petroleum products and nuclear fuel	9,1	97,0	90,0	105,1	88,1	97,2	101,7	95,1
-Basic chemicals	4,0	142,3	121,4	139,0	152,6	132,3	150,5	166,5
-Other chemical products	5,4	139,6	129,6	116,7	141,6	138,2	139,4	151,5
-Rubber products	1,1	82,9	92,8	71,9	86,2	88,5	83,3	82,3
-Plastic products	3,0	170,6	147,5	151,7	170,7	153,9	180,7	179,1
<b>Glass and non-metallic mineral products</b>	3,9	136,6	126,2	122,3	129,0	138,9	148,6	141,8
-Glass and glass products	1,1	155,0	152,0	140,4	164,1	159,2	165,7	171,9
-Non-metallic mineral products	2,9	129,7	116,6	115,6	115,9	131,3	142,2	130,7
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	126,3	121,4	113,1	119,5	126,8	125,1	125,3
-Basic iron and steel products	5,5	111,8	110,3	106,9	95,8	116,3	105,0	101,3
-Non-ferrous metal products	4,7	118,9	108,6	113,5	111,2	116,2	117,4	119,5
-Structural metal products	1,3	137,5	123,5	112,1	143,3	131,6	146,7	152,1
-Other fabricated metal products	4,2	140,7	136,5	112,0	130,4	139,7	138,4	134,1
-General purpose machinery	2,4	119,8	108,7	101,3	117,4	116,9	123,7	126,6
-Special purpose machinery	3,2	143,0	143,6	138,0	146,7	145,9	147,8	149,9
-Household appliances	1,2	130,0	134,0	104,5	131,9	136,2	121,9	134,0
<b>Electrical machinery</b>	2,7	106,6	99,3	84,7	122,0	103,7	109,7	128,0
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	116,9	118,2	95,3	118,6	114,0	111,9	115,2
-Radio, television and communication apparatus	0,7	100,3	100,0	78,1	102,3	96,1	96,8	100,0
-Professional equipment	0,6	133,7	136,6	112,7	135,1	132,2	127,2	130,6
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	144,7	151,4	123,1	153,3	148,7	142,0	150,5
-Motor vehicles	4,1	140,7	151,9	104,4	142,2	151,9	125,1	142,1
-Bodies for motor vehicles, trailers and semi-trailers	0,4	218,2	231,7	168,1	228,8	221,4	229,3	219,0
-Parts and accessories	3,1	154,5	156,3	154,4	172,5	151,1	168,2	166,4
-Other transport equipment	1,0	103,1	103,3	85,4	111,0	101,0	96,8	109,0
<b>Furniture and other manufacturing division</b>	5,8	120,1	123,1	99,6	126,1	122,8	123,6	126,4
-Furniture	1,6	142,6	135,0	84,0	144,6	143,5	131,2	154,2
-Other manufacturing groups	4,2	111,6	118,7	105,5	119,2	115,1	120,7	116,0
<b>Total</b>	<b>100,0</b>	<b>124,2</b>	<b>118,2</b>	<b>108,9</b>	<b>122,3</b>	<b>123,6</b>	<b>124,9</b>	<b>128,3</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	1/ Year 2007	Indices			Seasonally adjusted indices		
			1/ February 2007	1/ February 2008	Percentage difference between February 2007 and February 2008	January 2008	February 2008	Percentage difference between January and February 2008
<b>Food and beverages</b>	16,4	124,5	111,4	116,8	4,8	123,4	128,7	4,3
-Meat, fish, fruit etc.	2,6	130,7	130,6	130,5	-0,1	126,1	129,2	2,5
-Dairy products	1,1	112,3	107,4	113,7	5,9	113,5	120,9	6,5
-Grain mill products	1,5	129,4	121,2	119,3	-1,6	131,1	130,5	-0,5
-Other food products	6,8	111,2	81,2	92,5	13,9	112,8	120,1	6,5
-Beverages	4,3	143,1	145,0	146,7	1,2	138,2	143,4	3,8
<b>Textiles, clothing, leather and footwear</b>	5,4	102,6	103,5	107,9	4,3	103,0	106,9	3,8
-Textiles	1,2	80,0	84,6	87,7	3,7	80,0	82,2	2,8
-Other textile products	1,2	119,5	122,0	124,1	1,7	124,9	124,6	-0,2
-Knitted, crocheted articles	0,3	82,6	85,9	93,9	9,3	67,1	89,9	34,0
-Wearing apparel	2,0	113,8	112,2	116,7	4,0	115,4	116,8	1,2
-Leather and leather products	0,3	101,6	106,3	114,6	7,8	110,6	109,8	-0,7
-Footwear	0,4	84,9	78,6	86,6	10,2	72,1	93,0	29,0
<b>Wood and wood products, paper, publishing and printing</b>	11,0	117,5	113,4	113,5	0,1	114,2	118,3	3,6
-Sawmilling and planing of wood	0,7	116,4	121,5	105,0	-13,6	105,6	104,6	-0,9
-Products of wood	1,0	134,9	122,8	121,4	-1,1	133,9	128,7	-3,9
-Paper and paper products	4,8	113,5	106,6	116,5	9,3	116,5	123,5	6,0
-Publishing	2,4	123,9	124,4	114,4	-8,0	112,5	116,2	3,3
-Printing, recorded media	2,1	111,5	108,9	104,8	-3,8	104,8	108,6	3,6
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	124,1	112,6	123,0	9,2	128,7	131,5	2,2
-Coke, petroleum products and nuclear fuel	9,1	97,0	90,0	88,1	-2,1	101,7	95,1	-6,5
-Basic chemicals	4,0	142,3	121,4	152,6	25,7	150,5	166,5	10,6
-Other chemical products	5,4	139,6	129,6	141,6	9,3	139,4	151,5	8,7
-Rubber products	1,1	82,9	92,8	86,2	-7,1	83,3	82,3	-1,2
-Plastic products	3,0	170,6	147,5	170,7	15,7	180,7	179,1	-0,9
<b>Glass and non-metallic mineral products</b>	3,9	136,6	126,2	129,0	2,2	148,6	141,8	-4,6
-Glass and glass products	1,1	155,0	152,0	164,1	8,0	165,7	171,9	3,7
-Non-metallic mineral products	2,9	129,7	116,6	115,9	-0,6	142,2	130,7	-8,1
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	126,3	121,4	119,5	-1,6	125,1	125,3	0,2
-Basic iron and steel products	5,5	111,8	110,3	95,8	-13,1	105,0	101,3	-3,5
-Non-ferrous metal products	4,7	118,9	108,6	111,2	2,4	117,4	119,5	1,8
-Structural metal products	1,3	137,5	123,5	143,3	16,0	146,7	152,1	3,7
-Other fabricated metal products	4,2	140,7	136,5	130,4	-4,5	138,4	134,1	-3,1
-General purpose machinery	2,4	119,8	108,7	117,4	8,0	123,7	126,6	2,3
-Special purpose machinery	3,2	143,0	143,6	146,7	2,2	147,8	149,9	1,4
-Household appliances	1,2	130,0	134,0	131,9	-1,6	121,9	134,0	9,9
-Electrical machinery	2,7	106,6	99,3	122,0	22,9	109,7	128,0	16,7
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	116,9	118,2	118,6	0,3	111,9	115,2	2,9
-Radio, television and communication apparatus	0,7	100,3	100,0	102,3	2,3	96,8	100,0	3,3
-Professional equipment	0,6	133,7	136,6	135,1	-1,1	127,2	130,6	2,7
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	144,7	151,4	153,3	1,3	142,0	150,5	6,0
-Motor vehicles	4,1	140,7	151,9	142,2	-6,4	125,1	142,1	13,6
-Bodies for motor vehicles, trailers and semi-trailers	0,4	218,2	231,7	228,8	-1,3	229,3	219,0	-4,5
-Parts and accessories	3,1	154,5	156,3	172,5	10,4	168,2	166,4	-1,1
-Other transport equipment	1,0	103,1	103,3	111,0	7,5	96,8	109,0	12,6
<b>Furniture and other manufacturing division</b>	5,8	120,1	123,1	126,1	2,4	123,6	126,4	2,3
-Furniture	1,6	142,6	135,0	144,6	7,1	131,2	154,2	17,5
-Other manufacturing groups	4,2	111,6	118,7	119,2	0,4	120,7	116,0	-3,9
<b>Total</b>	<b>100,0</b>	<b>124,2</b>	<b>118,2</b>	<b>122,3</b>	<b>3,5</b>	<b>124,9</b>	<b>128,3</b>	<b>2,7</b>

1/ Preliminary.

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

Month	2002	2003	2004	2005	2006	2007	2008
Jan	49 152 814	54 016 877	54 677 576	57 579 366	63 693 706	77 253 608	1/ 86 704 441
Feb	57 530 894	61 544 562	63 772 089	66 251 198	70 758 982	88 142 916	1/ 101 633 141
Mar	61 291 760	64 082 291	69 432 309	70 644 727	78 541 964	94 413 107	
Apr	61 619 502	59 904 600	62 483 652	69 282 353	70 410 213	85 289 603	
May	63 820 095	61 503 788	68 142 813	71 278 474	79 112 653	95 842 149	
Jun	62 396 131	62 129 864	67 898 336	72 555 903	82 365 603	92 828 745	
Jul	64 152 749	62 617 180	68 406 575	72 671 036	83 516 902	93 655 073	
Aug	65 615 474	62 622 871	69 213 723	75 018 367	87 085 746	98 909 157	
Sep	68 068 479	64 217 058	72 338 062	77 775 725	89 103 179	94 735 842	
Oct	72 388 326	68 820 949	74 868 256	77 778 702	94 226 447	107 266 948	
Nov	72 814 163	67 559 894	77 110 142	81 266 703	97 461 923	109 646 608	
Dec	58 364 614	57 324 718	63 142 536	69 279 984	78 315 754	1/ 86 998 694	
Year	757 215 001	746 344 652	811 486 069	861 382 538	974 593 072	1/ 1 124 982 450	

1/ Preliminary.

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

Month	2002	2003	2004	2005	2006	2007	2008
Jan	-	9,9	1,2	5,3	10,6	21,3	12,2
Feb	-	7,0	3,6	3,9	6,8	24,6	15,3
Mar	-	4,6	8,3	1,7	11,2	20,2	
Apr	-	-2,8	4,3	10,9	1,6	21,1	
May	-	-3,6	10,8	4,6	11,0	21,1	
Jun	-	-0,4	9,3	6,9	13,5	12,7	
Jul	-	-2,4	9,2	6,2	14,9	12,1	
Aug	-	-4,6	10,5	8,4	16,1	13,6	
Sep	-	-5,7	12,6	7,5	14,6	6,3	
Oct	-	-4,9	8,8	3,9	21,1	13,8	
Nov	-	-7,2	14,1	5,4	19,9	12,5	
Dec	-	-1,8	10,1	9,7	13,0	11,1	
Year	-	-1,4	8,7	6,1	13,1	15,4	

The percentage change is the change in the sales of the manufacturing industry of the relevant year compared with the sales of the previous year expressed as a percentage.

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

Month	2002	2003	2004	2005	2006	2007	2008
Jan	58 275 673	63 916 192	64 445 641	67 856 550	74 770 437	90 188 859	100 637 312
Feb	59 170 516	63 488 942	66 063 219	68 795 657	73 497 782	91 585 407	106 070 084
Mar	59 009 470	62 086 737	67 586 318	68 816 971	76 694 828	92 217 731	
Apr	65 460 592	63 433 690	66 091 172	73 651 327	75 252 246	91 232 485	
May	63 396 332	61 119 268	67 750 151	70 864 545	78 665 621	95 091 660	
Jun	61 487 182	61 517 698	67 432 012	72 111 807	81 933 027	92 250 746	
Jul	64 137 993	62 465 224	67 956 781	72 038 821	82 799 256	93 002 588	
Aug	64 461 476	61 396 383	67 512 183	72 798 304	84 172 825	95 499 167	
Sep	65 472 609	61 446 991	69 004 338	73 940 846	84 726 624	90 191 596	
Oct	66 008 540	62 763 371	68 341 967	71 041 023	86 209 967	98 321 773	
Nov	65 669 943	60 775 796	69 360 073	72 660 209	87 248 340	98 098 406	
Dec	63 387 147	62 556 434	69 081 893	76 179 480	86 767 593	96 063 604	

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

Manufacturing divisions and major groups	1/ Year 2007	Actual values			Seasonally adjusted values		
		February 2007	1/ January 2008	1/ February 2008	February 2007	January 2008	February 2008
<b>Food and beverages</b>	190 698 514	14 294 003	15 453 854	17 208 714	15 014 565	17 503 794	18 156 321
-Meat, fish, fruit etc.	48 534 325	3 541 677	3 955 299	4 411 477	3 874 528	4 482 690	4 827 505
-Dairy products	16 370 695	1 218 243	1 516 431	1 493 065	1 291 331	1 586 742	1 586 670
-Grain mill products	35 351 201	2 358 415	3 191 537	3 214 637	2 598 770	3 453 407	3 552 134
-Other food products	40 382 642	2 907 805	3 101 587	3 435 884	3 153 942	3 731 245	3 747 077
-Beverages	50 059 651	4 267 863	3 689 000	4 653 651	4 095 994	4 249 710	4 442 935
<b>Textiles, clothing, leather and footwear</b>	41 463 312	3 339 316	2 509 578	3 648 111	3 358 811	3 516 382	3 665 185
-Textiles	6 541 155	528 301	384 275	575 858	521 186	542 694	568 229
-Other textile products	10 775 306	885 013	646 865	937 191	883 235	881 198	933 596
-Knitted, crocheted articles	1 812 329	146 257	103 701	163 782	143 257	147 555	160 167
-Wearing apparel	14 691 677	1 153 709	835 569	1 263 308	1 183 584	1 269 257	1 296 523
-Leather and leather products	4 823 510	412 970	389 359	477 634	392 479	427 264	452 915
-Footwear	2 819 335	213 066	149 809	230 338	235 070	248 414	253 755
<b>Wood and wood products, paper, publishing and printing</b>	93 707 372	7 301 181	6 711 850	7 952 695	7 689 154	7 810 383	8 395 345
-Sawmilling and planing of wood	6 214 792	519 176	423 260	501 559	528 115	490 721	512 035
-Products of wood	14 225 883	1 060 810	940 447	1 252 124	1 120 241	1 275 326	1 321 824
-Paper and paper products	40 529 426	3 048 735	3 194 616	3 562 621	3 302 913	3 560 698	3 866 681
-Publishing	14 336 533	1 234 430	976 497	1 161 344	1 249 712	1 101 468	1 169 835
-Printing, recorded media	18 400 738	1 438 030	1 177 030	1 475 047	1 488 172	1 382 170	1 524 970
<b>Petroleum, chemical products, rubber and plastic products</b>	236 896 362	17 461 313	20 082 443	21 721 627	18 770 092	22 514 829	23 495 235
-Coke, petroleum products and nuclear fuel	86 358 423	6 314 603	8 539 872	8 162 997	6 940 690	9 002 707	9 018 265
-Basic chemicals	51 893 414	3 584 253	4 501 906	4 889 908	3 911 734	5 010 873	5 364 042
-Other chemical products	54 779 474	4 128 533	3 835 805	4 736 201	4 413 825	4 608 947	5 076 425
-Rubber products	10 217 878	915 767	690 334	939 589	875 195	886 397	899 909
-Plastic products	33 647 173	2 518 157	2 514 526	2 992 932	2 628 648	3 005 905	3 136 595
<b>Glass and non-metallic mineral products</b>	32 984 104	2 470 477	2 284 841	2 837 264	2 688 748	2 881 012	3 093 676
-Glass and glass products	5 834 297	449 403	415 148	486 540	487 024	522 067	529 476
-Non-metallic mineral products	27 149 807	2 021 074	1 869 693	2 350 724	2 201 724	2 358 945	2 564 201
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	251 381 393	19 661 857	20 089 139	22 647 122	20 715 465	22 714 637	23 865 708
-Basic iron and steel products	98 911 116	7 930 523	9 301 485	9 739 861	8 284 105	9 696 166	10 142 944
-Non-ferrous metal products	38 935 281	2 839 251	2 772 851	3 143 179	3 228 880	3 252 781	3 588 117
-Structural metal products	18 351 446	1 339 680	1 224 836	1 643 290	1 449 123	1 601 279	1 761 590
-Other fabricated metal products	36 524 691	2 803 164	2 484 301	3 118 243	2 900 980	3 075 734	3 238 501
-General purpose machinery	21 932 921	1 604 859	1 554 304	1 809 388	1 734 116	1 916 071	1 960 710
-Special purpose machinery	26 838 561	2 294 483	2 092 016	2 364 520	2 261 013	2 381 027	2 341 946
-Household appliances	9 887 377	849 897	659 346	828 641	857 248	791 579	831 901
-Electrical machinery	35 207 585	2 829 078	2 441 097	3 553 127	2 916 618	3 194 244	3 671 021
<b>Radio, television and communication apparatus and professional equipment</b>	14 054 230	1 155 993	965 029	1 168 412	1 125 814	1 153 884	1 150 855
-Radio, television and communication apparatus	7 936 222	653 362	528 589	638 846	632 675	665 611	631 656
-Professional equipment	6 118 008	502 631	436 440	529 566	493 139	488 273	519 198
<b>Motor vehicles, parts and accessories and other transport equipment</b>	174 954 470	14 999 206	12 303 454	15 914 068	14 824 839	14 570 790	15 740 106
-Motor vehicles	88 029 955	7 752 920	5 462 756	7 871 072	7 722 416	6 839 465	7 868 422
-Bodies for motor vehicles, trailers and semi-trailers	7 595 045	596 903	446 570	641 810	626 697	672 648	672 853
-Parts and accessories	66 275 795	5 603 030	5 455 492	6 162 898	5 450 506	5 985 963	5 979 127
-Other transport equipment	13 053 675	1 046 353	938 636	1 238 288	1 025 220	1 072 714	1 219 704
<b>Furniture and other manufacturing division</b>	53 635 108	4 630 492	3 863 156	4 982 001	4 481 301	4 777 357	4 836 630
-Furniture	11 689 679	885 476	569 243	981 286	950 781	918 512	1 057 331
-Other manufacturing groups	41 945 429	3 745 016	3 293 913	4 000 715	3 530 521	3 858 845	3 779 299
<b>Total</b>	<b>1 124 982 450</b>	<b>88 142 916</b>	<b>86 704 441</b>	<b>101 633 141</b>	<b>91 585 407</b>	<b>100 637 312</b>	<b>106 070 084</b>

1/ Preliminary.

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

Manufacturing divisions and major groups	1/ Year 2007	Value of sales			Seasonally adjusted value of sales		
		February 2007	1/ February 2008	Percentage change between February 2007 and February 2008	January 2008	February 2008	Percentage change between January 2008 and February 2008
<b>Food and beverages</b>	190 698 514	14 294 003	17 208 714	20,4	17 503 794	18 156 321	3,7
-Meat, fish, fruit etc.	48 534 325	3 541 677	4 411 477	24,6	4 482 690	4 827 505	7,7
-Dairy products	16 370 695	1 218 243	1 493 065	22,6	1 586 742	1 586 670	0,0
-Grain mill products	35 351 201	2 358 415	3 214 637	36,3	3 453 407	3 552 134	2,9
-Other food products	40 382 642	2 907 805	3 435 884	18,2	3 731 245	3 747 077	0,4
-Beverages	50 059 651	4 267 863	4 653 651	9,0	4 249 710	4 442 935	4,5
<b>Textiles, clothing, leather and footwear</b>	41 463 312	3 339 316	3 648 111	9,2	3 516 382	3 665 185	4,2
-Textiles	6 541 155	528 301	575 858	9,0	542 694	568 229	4,7
-Other textile products	10 775 306	885 013	937 191	5,9	881 198	933 596	5,9
-Knitted, crocheted articles	1 812 329	146 257	163 782	12,0	147 555	160 167	8,5
-Wearing apparel	14 691 677	1 153 709	1 263 308	9,5	1 269 257	1 296 523	2,1
-Leather and leather products	4 823 510	412 970	477 634	15,7	427 264	452 915	6,0
-Footwear	2 819 335	213 066	230 338	8,1	248 414	253 755	2,2
<b>Wood and wood products, paper, publishing and printing</b>	93 707 372	7 301 181	7 952 695	8,9	7 810 383	8 395 345	7,5
-Sawmilling and planing of wood	6 214 792	519 176	501 559	-3,4	490 721	512 035	4,3
-Products of wood	14 225 883	1 060 810	1 252 124	18,0	1 275 326	1 321 824	3,6
-Paper and paper products	40 529 426	3 048 735	3 562 621	16,9	3 560 698	3 866 681	8,6
-Publishing	14 336 533	1 234 430	1 161 344	-5,9	1 101 468	1 169 835	6,2
-Printing, recorded media	18 400 738	1 438 030	1 475 047	2,6	1 382 170	1 524 970	10,3
<b>Petroleum, chemical products, rubber and plastic products</b>	236 896 362	17 461 313	21 721 627	24,4	22 514 829	23 495 235	4,4
-Coke, petroleum products and nuclear fuel	86 358 423	6 314 603	8 162 997	29,3	9 002 707	9 018 265	0,2
-Basic chemicals	51 893 414	3 584 253	4 889 908	36,4	5 010 873	5 364 042	7,0
-Other chemical products	54 779 474	4 128 533	4 736 201	14,7	4 608 947	5 076 425	10,1
-Rubber products	10 217 878	915 767	939 589	2,6	886 397	899 909	1,5
-Plastic products	33 647 173	2 518 157	2 992 932	18,9	3 005 905	3 136 595	4,3
<b>Glass and non-metallic mineral products</b>	32 984 104	2 470 477	2 837 264	14,8	2 881 012	3 093 676	7,4
-Glass and glass products	5 834 297	449 403	486 540	8,3	522 067	529 476	1,4
-Non-metallic mineral products	27 149 807	2 021 074	2 350 724	16,3	2 358 945	2 564 201	8,7
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	251 381 393	19 661 857	22 647 122	15,2	22 714 637	23 865 708	5,1
-Basic iron and steel products	98 911 116	7 930 523	9 739 861	22,8	9 696 166	10 142 944	4,6
-Non-ferrous metal products	38 935 281	2 839 251	3 143 179	10,7	3 252 781	3 588 117	10,3
-Structural metal products	18 351 446	1 339 680	1 643 290	22,7	1 601 279	1 761 590	10,0
-Other fabricated metal products	36 524 691	2 803 164	3 118 243	11,2	3 075 734	3 238 501	5,3
-General purpose machinery	21 932 921	1 604 859	1 809 388	12,7	1 916 071	1 960 710	2,3
-Special purpose machinery	26 838 561	2 294 483	2 364 520	3,1	2 381 027	2 341 946	-1,6
-Household appliances	9 887 377	849 897	828 641	-2,5	791 579	831 901	5,1
-Electrical machinery	35 207 585	2 829 078	3 553 127	25,6	3 194 244	3 671 021	14,9
<b>Radio, television and communication apparatus and professional equipment</b>	14 054 230	1 155 993	1 168 412	1,1	1 153 884	1 150 855	-0,3
-Radio, television and communication apparatus	7 936 222	653 362	638 846	-2,2	665 611	631 656	-5,1
-Professional equipment	6 118 008	502 631	529 566	5,4	488 273	519 198	6,3
<b>Motor vehicles, parts and accessories and other transport equipment</b>	174 954 470	14 999 206	15 914 068	6,1	14 570 790	15 740 106	8,0
-Motor vehicles	88 029 955	7 752 920	7 871 072	1,5	6 839 465	7 868 422	15,0
-Bodies for motor vehicles, trailers and semi-trailers	7 595 045	596 903	641 810	7,5	672 648	672 853	0,0
-Parts and accessories	66 275 795	5 603 030	6 162 898	10,0	5 985 963	5 979 127	-0,1
-Other transport equipment	13 053 675	1 046 353	1 238 288	18,3	1 072 714	1 219 704	13,7
<b>Furniture and other manufacturing division</b>	53 635 108	4 630 492	4 982 001	7,6	4 777 357	4 836 630	1,2
-Furniture	11 689 679	885 476	981 286	10,8	918 512	1 057 331	15,1
-Other manufacturing groups	41 945 429	3 745 016	4 000 715	6,8	3 858 845	3 779 299	-2,1
<b>Total</b>	<b>1 124 982 450</b>	<b>88 142 916</b>	<b>101 633 141</b>	<b>15,3</b>	<b>100 637 312</b>	<b>106 070 084</b>	<b>5,4</b>

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)		
		December 2006 to February 2007	December 2007 to February 2008	Annual percentage change between December 2006 to February 2007 and December 2007 to February 2008	December 2006 to February 2007	December 2007 to February 2008	Annual percentage change between December 2006 to February 2007 and December 2007 to February 2008
<b>Food and beverages</b>	16,4	115,5	115,8	0,3	43 634 918	51 175 756	17,3
-Meat, fish, fruit etc.	2,6	126,0	124,8	-1,0	10 946 689	12 882 329	17,7
-Dairy products	1,1	117,1	116,0	-0,9	3 911 294	4 548 670	16,3
-Grain mill products	1,5	126,1	121,7	-3,5	7 325 030	9 710 047	32,6
-Other food products	6,8	87,4	89,6	2,5	8 562 816	10 008 705	16,9
-Beverages	4,3	149,4	149,6	0,1	12 889 089	14 026 005	8,8
<b>Textiles, clothing, leather and footwear</b>	5,4	84,0	86,5	3,0	8 487 811	9 014 075	6,2
-Textiles	1,2	64,8	63,5	-2,0	1 302 677	1 322 302	1,5
-Other textile products	1,2	99,8	101,5	1,7	2 247 931	2 254 031	0,3
-Knitted, crocheted articles	0,3	70,1	65,9	-6,0	372 791	372 871	0,0
-Wearing apparel	2,0	91,8	98,1	6,9	2 941 115	3 272 605	11,3
-Leather and leather products	0,3	92,8	97,7	5,3	1 077 827	1 190 073	10,4
-Footwear	0,4	64,2	64,5	0,5	545 470	602 193	10,4
<b>Wood and wood products, paper, publishing and printing</b>	11,0	108,7	106,1	-2,4	20 617 035	21 755 596	5,5
-Sawmilling and planing of wood	0,7	106,1	90,2	-15,0	1 365 711	1 298 758	-4,9
-Products of wood	1,0	108,6	106,7	-1,7	2 738 522	3 110 710	13,6
-Paper and paper products	4,8	106,8	110,8	3,7	9 149 791	10 040 377	9,7
-Publishing	2,4	120,6	111,3	-7,7	3 412 595	3 369 975	-1,2
-Printing, recorded media	2,1	99,9	94,5	-5,4	3 950 416	3 935 776	-0,4
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	112,8	119,3	5,8	50 238 631	61 775 554	23,0
-Coke, petroleum products and nuclear fuel	9,1	96,2	99,9	3,8	18 425 902	25 443 597	38,1
-Basic chemicals	4,0	128,4	142,9	11,3	10 947 013	13 320 383	21,7
-Other chemical products	5,4	122,4	124,2	1,5	11 776 980	12 668 801	7,6
-Rubber products	1,1	77,2	71,5	-7,4	2 290 018	2 280 555	-0,4
-Plastic products	3,0	139,9	156,5	11,9	6 798 718	8 062 218	18,6
<b>Glass and non-metallic mineral products</b>	3,9	116,9	121,2	3,7	6 570 132	7 251 785	10,4
-Glass and glass products	1,1	144,7	150,9	4,3	1 287 103	1 363 011	5,9
-Non-metallic mineral products	2,9	106,5	110,2	3,5	5 283 029	5 888 774	11,5
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	115,2	114,0	-1,0	54 371 931	60 795 956	11,8
-Basic iron and steel products	5,5	110,1	102,7	-6,7	22 152 358	26 375 645	19,1
-Non-ferrous metal products	4,7	114,8	113,3	-1,3	8 572 296	8 695 098	1,4
-Structural metal products	1,3	107,8	121,1	12,3	3 518 533	4 049 729	15,1
-Other fabricated metal products	4,2	115,4	114,0	-1,2	7 134 509	7 768 414	8,9
-General purpose machinery	2,4	103,6	108,0	4,2	4 592 270	5 080 071	10,6
-Special purpose machinery	3,2	135,2	139,3	3,0	6 187 424	6 737 430	8,9
-Household appliances	1,2	119,2	108,4	-9,1	2 214 541	2 089 569	-5,6
-Electrical machinery	2,7	91,0	95,6	5,1	7 359 545	8 296 573	12,7
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	107,8	104,6	-3,0	3 168 513	3 169 956	0,0
-Radio, television and communication apparatus	0,7	93,0	90,7	-2,5	1 812 351	1 778 335	-1,9
-Professional equipment	0,6	122,8	118,7	-3,3	1 356 162	1 391 621	2,6
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	124,0	124,4	0,3	37 385 833	39 047 127	4,4
-Motor vehicles	4,1	122,4	112,3	-8,3	19 322 845	18 894 722	-2,2
-Bodies for motor vehicles, trailers and semi-trailers	0,4	180,0	178,7	-0,7	1 468 893	1 552 978	5,7
-Parts and accessories	3,1	128,5	144,3	12,3	13 706 601	15 554 382	13,5
-Other transport equipment	1,0	95,3	92,0	-3,5	2 887 494	3 045 045	5,5
<b>Furniture and other manufacturing division</b>	5,8	102,8	111,3	8,3	11 877 929	13 053 898	9,9
-Furniture	1,6	114,3	116,0	1,5	2 286 996	2 381 114	4,1
-Other manufacturing groups	4,2	98,5	109,6	11,3	9 590 933	10 672 784	11,3
<b>Total</b>	<b>100,0</b>	<b>111,7</b>	<b>113,6</b>	<b>1,7</b>	<b>243 712 278</b>	<b>275 336 276</b>	<b>13,0</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 Feb. 2007	Jan. to Feb. 2008	Annual percentage change between 2007 and 2008	Contribution (percentage points)	Jan. to Feb. 2007	Jan. to Feb. 2008	Annual percentage change between 2007 and 2008	Difference in sales between 2007 and 2008
<b>Food and beverages</b>	16,4	110,0	111,3	1,2	0,2	27 626	32 663	18,2	5 037
-Meat, fish, fruit etc.	2,6	124,7	122,7	-1,6	0,0	6 993	8 367	19,6	1 374
-Dairy products	1,1	113,1	114,5	1,2	0,0	2 509	3 009	19,9	500
-Grain mill products	1,5	125,2	120,6	-3,7	-0,1	4 793	6 406	33,7	1 613
-Other food products	6,8	80,8	86,5	7,1	0,5	5 516	6 537	18,5	1 021
-Beverages	4,3	140,9	139,3	-1,1	0,0	7 815	8 343	6,8	528
<b>Textiles, clothing, leather and footwear</b>	5,4	87,0	90,7	4,3	0,2	5 784	6 158	6,5	374
-Textiles	1,2	70,3	72,3	2,8	0,0	907	960	5,8	53
-Other textile products	1,2	102,4	107,2	4,7	0,1	1 562	1 584	1,4	22
-Knitted, crocheted articles	0,3	76,1	72,1	-5,3	0,0	261	267	2,3	6
-Wearing apparel	2,0	93,0	97,6	4,9	0,1	1 936	2 099	8,4	163
-Leather and leather products	0,3	97,5	108,6	11,4	0,0	768	867	12,9	99
-Footwear	0,4	66,3	66,3	0,0	0,0	349	380	8,9	31
<b>Wood and wood products, paper, publishing and printing</b>	11,0	108,0	106,5	-1,4	-0,2	13 756	14 665	6,6	909
-Sawmilling and planing of wood	0,7	114,1	98,6	-13,6	-0,1	972	925	-4,8	-47
-Products of wood	1,0	112,1	112,1	0,0	0,0	1 877	2 193	16,8	316
-Paper and paper products	4,8	103,9	111,1	6,9	0,3	5 967	6 757	13,2	790
-Publishing	2,4	118,0	106,6	-9,7	-0,2	2 262	2 138	-5,5	-124
-Printing, recorded media	2,1	101,6	96,1	-5,4	-0,1	2 679	2 652	-1,0	-27
<b>Petroleum, chemical products, rubber and plastic products</b>	22,5	112,8	120,7	7,0	1,6	34 103	41 804	22,6	7 701
-Coke, petroleum products and nuclear fuel	9,1	94,7	96,6	2,0	0,2	12 660	16 703	31,9	4 043
-Basic chemicals	4,0	126,4	145,8	15,3	0,6	7 365	9 392	27,5	2 027
-Other chemical products	5,4	122,6	129,2	5,4	0,3	7 809	8 572	9,8	763
-Rubber products	1,1	84,8	79,1	-6,7	-0,1	1 584	1 630	2,9	46
-Plastic products	3,0	143,7	161,2	12,2	0,4	4 686	5 507	17,5	821
<b>Glass and non-metallic mineral products</b>	3,9	118,4	125,7	6,2	0,2	4 547	5 122	12,6	575
-Glass and glass products	1,1	142,6	152,3	6,8	0,1	836	902	7,9	66
-Non-metallic mineral products	2,9	109,3	115,8	5,9	0,2	3 712	4 220	13,7	508
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	22,4	117,2	116,3	-0,8	-0,2	37 252	42 736	14,7	5 484
-Basic iron and steel products	5,5	113,6	101,4	-10,7	-0,6	15 433	19 041	23,4	3 608
-Non-ferrous metal products	4,7	111,7	112,4	0,6	0,0	5 660	5 916	4,5	256
-Structural metal products	1,3	113,6	127,7	12,4	0,2	2 470	2 868	16,1	398
-Other fabricated metal products	4,2	120,6	121,2	0,5	0,0	4 952	5 603	13,1	651
-General purpose machinery	2,4	102,7	109,4	6,5	0,2	3 043	3 364	10,5	321
-Special purpose machinery	3,2	135,7	142,4	4,9	0,2	4 151	4 457	7,4	306
-Household appliances	1,2	126,8	118,2	-6,8	-0,1	1 543	1 488	-3,6	-55
<b>Electrical machinery</b>	2,7	91,0	103,4	13,6	0,4	4 978	5 994	20,4	1 016
<b>Radio, television and communication apparatus and professional equipment</b>	1,3	110,6	107,0	-3,3	0,0	2 122	2 133	0,5	11
-Radio, television and communication apparatus	0,7	91,9	90,2	-1,8	0,0	1 178	1 167	-0,9	-11
-Professional equipment	0,6	129,5	123,9	-4,3	0,0	944	966	2,3	22
<b>Motor vehicles, parts and accessories and other transport equipment</b>	8,6	139,6	138,2	-1,0	-0,1	27 073	28 218	4,2	1 145
-Motor vehicles	4,1	138,0	123,3	-10,7	-0,4	13 711	13 334	-2,7	-377
-Bodies for motor vehicles, trailers and semi-trailers	0,4	197,9	198,5	0,3	0,0	1 000	1 088	8,8	88
-Parts and accessories	3,1	148,1	163,5	10,4	0,3	10 383	11 618	11,9	1 235
-Other transport equipment	1,0	97,9	98,2	0,3	0,0	1 979	2 177	10,0	198
<b>Furniture and other manufacturing division</b>	5,8	106,0	112,9	6,5	0,4	8 155	8 845	8,5	690
-Furniture	1,6	113,5	114,3	0,7	0,0	1 506	1 551	3,0	45
-Other manufacturing groups	4,2	103,2	112,4	8,9	0,4	6 648	7 295	9,7	647
<b>Total</b>	<b>100,0</b>	<b>112,9</b>	<b>115,6</b>	<b>2,4</b>	<b>2,4</b>	<b>165 397</b>	<b>188 338</b>	<b>13,9</b>	<b>22 941</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 February 2008 was 83,0%. Improved response rate for January 2008 was 86,2%.
- 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 2008, 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 2008).
- Seasonal adjustment**
- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Programme developed by the US Bureau of the Census, 1968. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not aim to remove irregular or non-seasonal influences, which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variations. Therefore the month-to-month movements of seasonally adjusted estimates may not be reliable indicators of trend behaviour.

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

**Technical notes**

**26 Neyman optimal allocation**

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

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

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

Class limits: Manufacturing

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

## Glossary

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

Turnover excludes -

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

**Weight**

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

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

Manufacturing divisions and major groups	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2008	Weights according to the 1996 census of manufacturing 1996 - 2000
<b>Food and beverages</b>	<b>16,4</b>	<b>15,3</b>
Meat, fish, fruit, etc.	2,6	2,8
Dairy products	1,1	1,4
Grain mill products	1,5	2,1
Other food products	6,8	4,4
Beverages	4,3	4,6
<b>Textiles, clothing, leather and footwear</b>	<b>5,4</b>	<b>7,8</b>
Textiles	1,2	1,7
Other textile products	1,2	1,2
Knitted, crocheted articles	0,3	0,6
Wearing apparel	2,0	3,0
Tanning, dressing of leather	0,3	0,4
Footwear	0,4	0,9
<b>Wood and wood products, paper, publishing and printing</b>	<b>11,0</b>	<b>11,4</b>
Sawmilling and planing of wood	0,7	0,8
Products of wood	1,0	1,2
Paper and paper products	4,8	5,3
Publishing	2,4	1,5
Printing, recorded media	2,1	2,6
<b>Petroleum, chemical products, rubber and plastic products</b>	<b>22,5</b>	<b>19,3</b>
Petroleum products	9,1	4,2
Basic chemicals	4,0	4,5
Other chemical products	5,4	6,2
Rubber products	1,1	1,4
Plastic products	3,0	3,1
<b>Glass and non-metallic mineral products</b>	<b>3,9</b>	<b>4,5</b>
Glass and glass products	1,1	1,0
Non-metallic mineral products	2,9	3,5
<b>Basic iron and steel, non-ferrous metal products, metal products and machinery</b>	<b>22,4</b>	<b>23,6</b>
Basic iron and steel products	5,5	7,6
Non-ferrous metal products	4,7	3,2
Structural metal products	1,3	2,4
Other fabricated metal products	4,2	4,6
General purpose machinery	2,4	2,5
Special purpose machinery	3,2	2,9
Household appliances	1,2	0,4
<b>Electrical machinery</b>	<b>2,7</b>	<b>3,4</b>
<b>Radio, television and communication apparatus and professional equipment</b>	<b>1,3</b>	<b>1,5</b>
Radio, television and communication apparatus	0,7	1,0
Professional equipment	0,6	0,5
<b>Motor vehicles, parts and accessories and other transport equipment</b>	<b>8,6</b>	<b>9,1</b>
Motor vehicles	4,1	4,5
Bodies for motor vehicles, trailers and semi-trailers	0,4	0,5
Parts and accessories	3,1	3,0
Other transport equipment	1,0	1,0
<b>Other manufacturing divisions</b>	<b>5,8</b>	<b>4,1</b>
Furniture	1,6	1,6
Other manufacturing groups	4,2	2,6
<b>Total</b>	<b>100,0</b>	<b>100,0</b>

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