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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

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

Estimates	January 2008	% change between January 2007 and January 2008	% change between November 2006 to January 2007 and November 2007 to January 2008
Physical volume of manufacturing production index (2000=100)	109,1	1,4	2,1
Total value of sales of manufactured products (R million)	86 995	12,6	12,1

Seasonally adjusted estimates	January 2008	% change between December 2007 and January 2008	% change between August to October 2007 and November 2007 to January 2008
Physical volume of manufacturing production index (2000=100)	125,0	1,1	0,7
Total value of sales of manufactured products (R million)	100 790	5,1	3,7

Manufacturing production increases at slower pace

The estimated seasonally adjusted manufacturing production for the three months ended January 2008 increased by 0,7% compared with the previous three months. This is lower than the 2,4% increase reported for the previous three-month period up to December 2007. Higher production levels were reported by five of the ten manufacturing divisions.

The major contributor to the seasonally adjusted increase of 0,7% in total manufacturing production for the three months ended January 2008 compared with the previous three months was the motor vehicles, parts and accessories and other transport equipment division (contributing +0,6 of a percentage point), followed by the petroleum, chemical products, rubber and plastic products division (contributing +0,5 of a percentage point) and the furniture and 'other' manufacturing division (contributing 0,4 of a percentage point). However, these increases were partially counteracted by decreases reported by the food and beverages division (contributing -0,5 of a percentage point) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (contributing -0,4 of a percentage point) (see Table B).

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

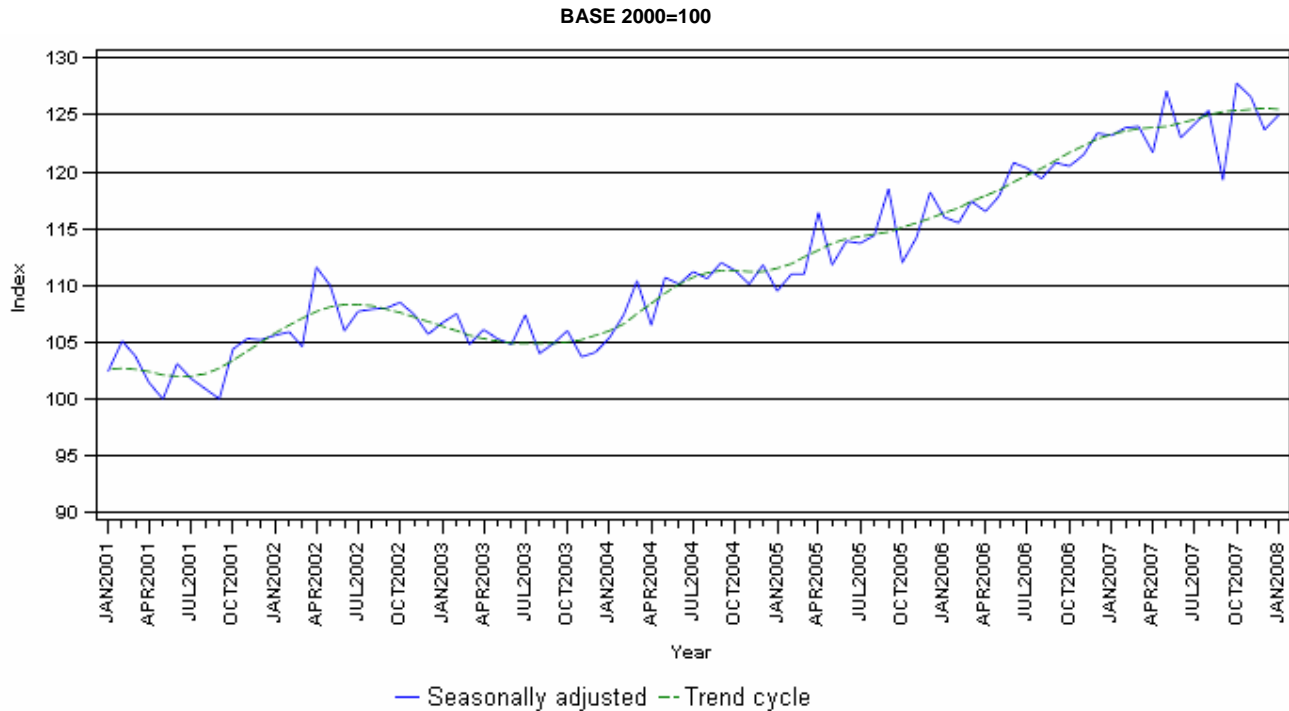
(Base 2000=100)

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 August to October 2007	Average seasonally adjusted production index for November 2007 to January 2008	Quarterly percentage change of November 2007 to January 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	125,8	122,1	-2,9	-0,5
-Food and food products	12,1	119,0	115,3	-3,1	-0,4
-Beverages	4,3	145,0	141,1	-2,7	-0,1
Textiles, clothing, leather and footwear	5,4	104,5	104,7	0,2	0,0
-Textiles	2,4	101,7	100,5	-1,2	0,0
-Wearing apparel	2,3	110,1	113,5	3,1	0,1
-Leather and leather products	0,3	106,8	102,3	-4,2	0,0
-Footwear	0,4	88,8	83,7	-5,7	0,0
Wood and wood products, paper, publishing and printing	11,0	116,8	116,4	-0,3	0,0
-Wood and products of wood	1,7	128,1	119,2	-6,9	-0,1
-Paper and paper products	4,8	111,5	116,5	4,5	0,2
-Publishing and printing	4,6	117,9	115,2	-2,3	-0,1
Petroleum, chemical products, rubber and plastic products	22,5	126,1	128,9	2,2	0,5
-Coke, petroleum products and nuclear fuel	9,1	101,4	105,1	3,6	0,3
-Basic chemicals	4,0	141,8	146,4	3,2	0,1
-Other chemical products	5,4	141,0	137,3	-2,6	-0,1
-Rubber products	1,1	76,5	84,3	10,2	0,1
-Plastic products	3,0	173,2	180,0	3,9	0,1
Glass and non-metallic mineral products	3,9	132,2	139,5	5,5	0,2
-Glass and glass products	1,1	152,0	159,8	5,1	0,1
-Non-metallic mineral products	2,9	124,9	132,0	5,7	0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,6	124,1	-2,0	-0,4
-Basic iron and steel products	5,5	109,4	107,6	-1,6	-0,1
-Basic precious, non-ferrous metal products	4,7	121,2	117,6	-3,0	-0,1
-Fabricated metal products	5,5	144,0	137,4	-4,6	-0,3
-Machinery and equipment	6,7	130,3	131,4	0,8	0,1
Electrical machinery	2,7	109,2	105,7	-3,2	-0,1
Radio, television and communication apparatus and professional equipment	1,3	118,9	115,6	-2,8	0,0
-Radio, television and communication apparatus	0,7	97,5	100,3	2,9	0,0
-Professional equipment	0,6	140,6	131,1	-6,8	0,0
Motor vehicles, parts and accessories and other transport equipment	8,6	136,5	146,7	7,5	0,6
-Motor vehicles, trailers, parts and accessories	7,6	141,1	153,1	8,5	0,6
-Other transport equipment	1,0	101,3	97,7	-3,6	0,0
Furniture and other manufacturing division	5,8	119,7	127,5	6,5	0,4
-Furniture	1,6	138,5	144,2	4,1	0,1
-Other manufacturing groups	4,2	112,7	121,2	7,5	0,3
Total	100,0	124,2	125,1	0,7	0,7

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 January 2008. The trend series has generally been increasing since the end of 2004.

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 January 2008 increased by 3,7% (R10 507 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by eight of the ten manufacturing divisions during this period (see Table C).

The seasonally adjusted increase of 3,7% in the total value of sales of manufactured products at current prices for the three months ended January 2008 compared with the previous three months was mainly due to increases reported for the petroleum, chemical products, rubber and plastic products division (+8,0% or + R4 892 million), the motor vehicles, parts and accessories and other transport equipment division (+4,0% or + R1 684 million), the food and beverages division (+3,1% or +R1 524 million) and the basic iron and steel, non-ferrous metal products, metal products and machinery division (+2,3% or +R1 417 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 August to October 2007	Seasonally adjusted sales November 2007 to January 2008	Percentage change between August to October 2007 and November 2007 to January 2008	Difference in seasonally adjusted sales of manufacturing divisions between August to October 2007 and November 2007 to January 2008
	R '000	R '000		R '000
Food and beverages	49 362 498	50 886 227	3,1	1 523 729
-Food and food products	36 639 147	38 068 098	3,9	1 428 951
-Beverages	12 723 349	12 818 130	0,7	94 781
Textiles, clothing, leather and footwear	10 496 356	10 616 355	1,1	119 999
-Textiles	4 425 491	4 285 642	-3,2	-139 849
-Wearing apparel	4 104 446	4 340 172	5,7	235 726
-Leather and leather products	1 246 832	1 248 248	0,1	1 416
-Footwear	719 586	742 294	3,2	22 708
Wood and wood products, paper, publishing and printing	23 638 658	24 014 219	1,6	375 561
-Wood and products of wood	5 248 186	5 195 708	-1,0	-52 478
-Paper and paper products	10 050 366	10 556 816	5,0	506 450
-Publishing and printing	8 340 108	8 261 695	-0,9	-78 413
Petroleum, chemicals products, rubber and plastic products	60 823 203	65 715 687	8,0	4 892 484
-Coke, petroleum products and nuclear fuel	22 273 592	26 342 231	18,3	4 068 639
-Basic chemicals	13 578 523	13 915 156	2,5	336 633
-Other chemical products	13 934 502	13 847 286	-0,6	-87 216
-Rubber products	2 481 313	2 578 799	3,9	97 486
-Plastic products	8 555 274	9 032 216	5,6	476 942
Glass and non-metallic mineral products	8 138 659	8 365 949	2,8	227 290
-Glass and glass products	1 393 231	1 518 384	9,0	125 153
-Non-metallic mineral products	6 745 429	6 847 565	1,5	102 136
Basic iron and steel, non-ferrous metal products, metal products and machinery	62 761 622	64 178 963	2,3	1 417 341
-Basic iron and steel products	23 813 293	26 538 879	11,4	2 725 586
-Basic precious, non-ferrous metal products	9 828 864	9 191 856	-6,5	-637 008
-Fabricated metal products	14 517 309	13 550 006	-6,7	-967 303
-Machinery and equipment	14 602 154	14 898 222	2,0	296 068
Electrical machinery	9 096 898	8 890 068	-2,3	-206 830
Radio, television and communication apparatus and professional equipment	3 608 475	3 515 561	-2,6	-92 914
-Radio, television and communication apparatus	2 013 975	1 990 790	-1,2	-23 185
-Professional equipment	1 594 500	1 524 771	-4,4	-69 729
Motor vehicles, parts and accessories and other transport equipment	42 597 960	44 282 112	4,0	1 684 152
-Motor vehicles, trailers, parts and accessories	39 351 953	41 081 737	4,4	1 729 784
-Other transport equipment	3 246 007	3 200 375	-1,4	-45 632
Furniture and other manufacturing division	13 546 080	14 112 292	4,2	566 212
-Furniture	2 859 828	2 998 121	4,8	138 293
-Other manufacturing groups	10 686 252	11 114 171	4,0	427 919
Total	284 070 408	294 577 433	3,7	10 507 025

Sales of manufactured products increase

The value of sales of manufactured products at current prices for the three months ended January 2008 was 12,1% (R30 605 million) higher than for the three months ended January 2007 (see Table D).

The major contributors to the increase of 12,1% in sales of manufactured products at current prices for the three months ended January 2008 compared with the three months ended January 2007 were the petroleum, chemical products, rubber and plastic products division (+4,3 percentage points or +R10 934 million), the food and beverages division (+3,0 percentage points or +R7 730 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (+2,1 percentage points or +R5 409 million), the motor vehicles, parts and accessories and other transport equipment division (+0,7 of a percentage point or +R1 812 million) and the wood and wood products, paper, publishing and printing division (+0,6 of a percentage point or +R1 605 million) (see Table D).

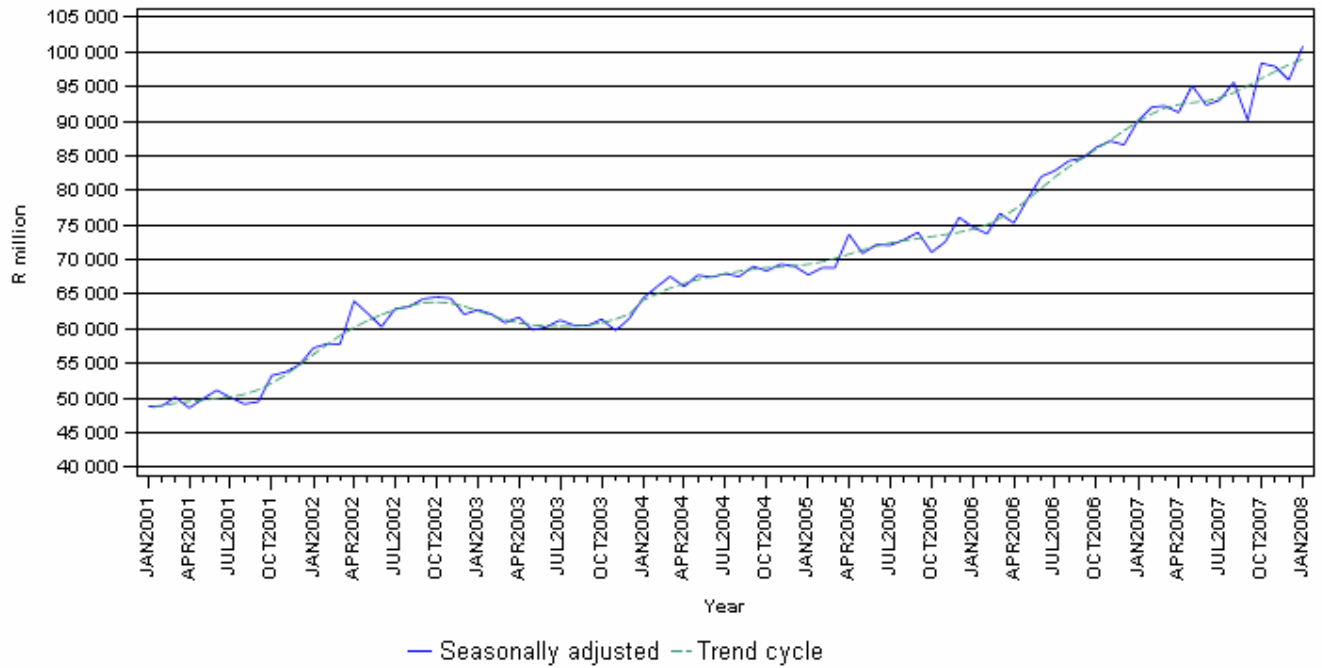
Table D - Contribution of the manufacturing divisions and major groups to total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products November 2006 to January 2007	Percentage change between November 2006 to January 2007 and November 2007 to January 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 November 2006 to January 2007 and November 2007 to January 2008
				R '000
Food and beverages	17,7	17,2	3,0	7 730 226
-Food and food products	12,7	19,8	2,5	6 362 341
-Beverages	5,1	10,7	0,5	1 367 885
Textiles, clothing, leather and footwear	3,6	6,6	0,2	599 599
-Textiles	1,5	0,8	0,0	29 267
-Wearing apparel	1,4	10,9	0,2	397 470
-Leather and leather products	0,4	8,0	0,0	85 128
-Footwear	0,2	14,6	0,0	87 734
Wood and wood products, paper, publishing and printing	8,6	7,4	0,6	1 604 501
-Wood and products of wood	1,7	8,1	0,1	351 340
-Paper and paper products	3,8	6,9	0,3	668 724
-Publishing and printing	3,0	7,7	0,2	584 437
Petroleum, chemicals products, rubber and plastic products	20,9	20,7	4,3	10 933 650
-Coke, petroleum products and nuclear fuel	7,5	36,1	2,7	6 813 130
-Basic chemicals	4,7	14,3	0,7	1 708 109
-Other chemical products	5,0	7,3	0,4	910 695
-Rubber products	0,9	0,1	0,0	3 232
-Plastic products	2,8	20,8	0,6	1 498 484
Glass and non-metallic mineral products	2,8	8,7	0,2	614 186
-Glass and glass products	0,6	4,8	0,0	68 963
-Non-metallic mineral products	2,2	9,7	0,2	545 223
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,1	9,7	2,1	5 409 041
-Basic iron and steel products	8,9	14,1	1,3	3 171 599
-Basic precious, non-ferrous metal products	3,6	0,6	0,0	54 379
-Fabricated metal products	4,4	11,1	0,5	1 248 373
-Machinery and equipment	5,3	7,0	0,4	934 690
-Electrical machinery	3,1	6,1	0,2	473 844
Radio, television and communication apparatus and professional equipment	1,3	2,6	0,0	86 331
-Radio, television and communication apparatus	0,8	-2,1	0,0	-40 140
-Professional equipment	0,5	9,4	0,0	126 471
Motor vehicles, parts and accessories and other transport equipment	15,1	4,7	0,7	1 812 414
-Motor vehicles, trailers, parts and accessories	14,0	5,0	0,7	1 779 567
-Other transport equipment	1,2	1,1	0,0	32 847
Furniture and other manufacturing division	4,8	11,1	0,5	1 341 230
-Furniture	1,1	3,7	0,0	97 859
-Other manufacturing groups	3,7	13,2	0,5	1 243 371
Total	100,0	12,1	12,1	30 605 022

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 January 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/ 109,1
Feb	103,6	104,3	103,6	106,3	110,1	118,2	
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	1/ 141,0	
Dec	92,7	91,5	99,0	104,6	109,3	1/ 109,6	
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	1,4
Feb	-	0,7	-0,7	2,6	3,6	7,4	
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	4,1	
Dec	-	-1,3	8,2	5,7	4,5	0,3	
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	109,5	116,0	123,2	125,0
Feb	105,9	107,7	107,4	111,0	115,5	123,9	
Mar	104,6	104,7	110,4	111,0	117,4	124,0	
Apr	112,0	106,9	106,5	116,4	116,5	121,7	
May	109,8	105,1	110,7	111,8	117,9	127,1	
Jun	106,0	104,8	110,1	113,9	120,8	123,0	
Jul	107,5	107,2	111,2	113,7	120,3	124,2	
Aug	107,7	103,8	110,6	114,4	119,4	125,4	
Sep	108,0	105,1	112,0	118,5	120,8	119,3	
Oct	108,6	106,1	111,3	112,0	120,5	127,8	
Nov	107,5	103,6	110,1	114,2	121,5	126,6	
Dec	105,1	103,2	111,8	118,2	123,4	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		
			January 2007	1/ December 2007	1/ January 2008	January 2007	December 2007	January 2008
Food and beverages	16,4	124,5	108,5	125,3	106,2	124,8	119,5	122,5
-Meat, fish, fruit etc.	2,6	130,7	118,7	129,0	116,1	129,6	126,2	126,9
-Dairy products	1,1	112,3	118,8	118,9	115,2	116,8	107,9	112,8
-Grain mill products	1,5	129,4	129,2	123,9	122,1	139,3	126,0	131,4
-Other food products	6,8	111,2	80,4	95,9	80,3	109,2	105,6	110,0
-Beverages	4,3	143,2	136,7	171,8	133,1	143,3	138,0	139,0
Textiles, clothing, leather and footwear	5,4	102,6	70,5	78,6	73,0	98,9	102,9	102,5
-Textiles	1,2	80,0	56,0	46,1	57,0	77,5	73,0	78,7
-Other textile products	1,2	119,5	82,8	90,2	90,3	114,1	119,1	124,8
-Knitted, crocheted articles	0,3	82,6	66,3	53,5	50,2	88,6	79,6	67,0
-Wearing apparel	2,0	113,8	73,7	99,3	78,4	108,4	119,9	115,7
-Leather and leather products	0,3	101,6	88,7	76,1	95,5	96,5	97,3	103,6
-Footwear	0,4	85,1	53,9	63,4	46,9	85,0	86,4	74,0
Wood and wood products, paper, publishing and printing	11,0	117,4	102,5	105,0	100,7	116,8	114,9	115,2
-Sawmilling and planing of wood	0,7	116,1	106,7	72,7	85,0	123,9	94,7	98,5
-Products of wood	1,0	134,9	101,4	96,1	104,9	131,6	125,6	136,9
-Paper and paper products	4,8	113,5	101,1	110,3	105,9	110,0	116,4	116,3
-Publishing	2,4	123,8	111,6	120,4	98,6	126,8	121,3	112,1
-Printing, recorded media	2,1	111,2	94,3	90,5	94,5	111,3	106,1	111,8
Petroleum, chemical products, rubber and plastic products	22,5	124,1	113,0	116,7	118,3	123,1	125,8	129,0
-Coke, petroleum products and nuclear fuel	9,1	97,0	99,4	106,5	105,1	96,9	103,6	102,6
-Basic chemicals	4,0	142,3	131,4	137,2	138,2	141,1	145,0	148,6
-Other chemical products	5,4	139,7	115,5	115,0	116,1	137,5	129,1	138,7
-Rubber products	1,1	82,8	76,8	56,3	70,9	88,9	85,8	82,5
-Plastic products	3,0	170,6	139,8	146,9	154,5	166,7	177,4	184,0
Glass and non-metallic mineral products	3,9	136,6	110,5	112,4	121,7	133,5	135,2	147,0
-Glass and glass products	1,1	155,0	133,2	148,1	140,4	155,8	160,6	164,1
-Non-metallic mineral products	2,9	129,7	102,0	99,1	114,7	125,2	125,7	140,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,3	112,9	109,5	113,0	124,5	123,5	124,9
-Basic iron and steel products	5,5	111,8	116,8	105,4	106,9	115,6	112,8	105,5
-Non-ferrous metal products	4,7	118,9	114,8	115,3	113,5	118,6	118,9	117,1
-Structural metal products	1,3	137,5	103,7	107,8	112,5	135,6	142,6	146,3
-Other fabricated metal products	4,2	140,7	104,6	99,5	112,2	129,6	125,6	139,3
-General purpose machinery	2,4	119,8	96,7	105,4	101,1	117,3	120,2	123,0
-Special purpose machinery	3,2	143,0	127,8	133,2	137,1	136,9	144,2	146,5
-Household appliances	1,2	130,0	119,5	88,9	102,8	140,6	114,6	119,0
-Electrical machinery	2,7	106,7	82,6	81,3	85,2	107,6	97,6	110,8
Radio, television and communication apparatus and professional equipment	1,3	116,9	103,0	100,0	101,7	117,6	109,3	116,2
-Radio, television and communication apparatus	0,7	100,3	83,8	91,7	80,0	102,4	97,1	98,6
-Professional equipment	0,6	133,7	122,4	108,4	123,8	133,0	121,7	134,1
Motor vehicles, parts and accessories and other transport equipment	8,6	144,7	127,8	96,8	123,0	148,4	149,9	141,8
-Motor vehicles	4,1	140,7	124,0	90,2	104,4	149,1	146,6	125,4
-Bodies for motor vehicles, trailers and semi-trailers	0,4	218,2	164,0	139,0	166,8	227,0	199,4	226,8
-Parts and accessories	3,1	154,5	139,8	106,0	154,4	152,1	165,5	167,9
-Other transport equipment	1,0	103,1	92,4	79,7	85,2	104,5	95,5	96,1
Furniture and other manufacturing division	5,8	120,0	88,9	107,8	99,8	113,3	133,2	125,0
-Furniture	1,6	142,4	92,0	117,8	85,9	145,1	146,8	136,2
-Other manufacturing groups	4,2	111,6	87,7	104,0	105,1	101,3	128,1	120,8
Total	100,0	124,2	107,6	109,6	109,1	123,2	123,7	125,0

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		
			January 2007	1/ January 2008	Percentage difference between January 2007 and January 2008	December 2007	January 2008	Percentage difference between December 2007 and January 2008
Food and beverages	16,4	124,5	108,5	106,2	-2,1	119,5	122,5	2,5
-Meat, fish, fruit etc.	2,6	130,7	118,7	116,1	-2,2	126,2	126,9	0,6
-Dairy products	1,1	112,3	118,8	115,2	-3,0	107,9	112,8	4,5
-Grain mill products	1,5	129,4	129,2	122,1	-5,5	126,0	131,4	4,3
-Other food products	6,8	111,2	80,4	80,3	-0,1	105,6	110,0	4,2
-Beverages	4,3	143,2	136,7	133,1	-2,6	138,0	139,0	0,7
Textiles, clothing, leather and footwear	5,4	102,6	70,5	73,0	3,5	102,9	102,5	-0,4
-Textiles	1,2	80,0	56,0	57,0	1,8	73,0	78,7	7,8
-Other textile products	1,2	119,5	82,8	90,3	9,1	119,1	124,8	4,8
-Knitted, crocheted articles	0,3	82,6	66,3	50,2	-24,3	79,6	67,0	-15,8
-Wearing apparel	2,0	113,8	73,7	78,4	6,4	119,9	115,7	-3,5
-Leather and leather products	0,3	101,6	88,7	95,5	7,7	97,3	103,6	6,5
-Footwear	0,4	85,1	53,9	46,9	-13,0	86,4	74,0	-14,4
Wood and wood products, paper, publishing and printing	11,0	117,4	102,5	100,7	-1,8	114,9	115,2	0,3
-Sawmilling and planing of wood	0,7	116,1	106,7	85,0	-20,3	94,7	98,5	4,0
-Products of wood	1,0	134,9	101,4	104,9	3,5	125,6	136,9	9,0
-Paper and paper products	4,8	113,5	101,1	105,9	4,7	116,4	116,3	-0,1
-Publishing	2,4	123,8	111,6	98,6	-11,6	121,3	112,1	-7,6
-Printing, recorded media	2,1	111,2	94,3	94,5	0,2	106,1	111,8	5,4
Petroleum, chemical products, rubber and plastic products	22,5	124,1	113,0	118,3	4,7	125,8	129,0	2,5
-Coke, petroleum products and nuclear fuel	9,1	97,0	99,4	105,1	5,7	103,6	102,6	-1,0
-Basic chemicals	4,0	142,3	131,4	138,2	5,2	145,0	148,6	2,5
-Other chemical products	5,4	139,7	115,5	116,1	0,5	129,1	138,7	7,4
-Rubber products	1,1	82,8	76,8	70,9	-7,7	85,8	82,5	-3,8
-Plastic products	3,0	170,6	139,8	154,5	10,5	177,4	184,0	3,7
Glass and non-metallic mineral products	3,9	136,6	110,5	121,7	10,1	135,2	147,0	8,7
-Glass and glass products	1,1	155,0	133,2	140,4	5,4	160,6	164,1	2,2
-Non-metallic mineral products	2,9	129,7	102,0	114,7	12,5	125,7	140,7	11,9
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	126,3	112,9	113,0	0,1	123,5	124,9	1,1
-Basic iron and steel products	5,5	111,8	116,8	106,9	-8,5	112,8	105,5	-6,5
-Non-ferrous metal products	4,7	118,9	114,8	113,5	-1,1	118,9	117,1	-1,5
-Structural metal products	1,3	137,5	103,7	112,5	8,5	142,6	146,3	2,6
-Other fabricated metal products	4,2	140,7	104,6	112,2	7,3	125,6	139,3	10,9
-General purpose machinery	2,4	119,8	96,7	101,1	4,6	120,2	123,0	2,3
-Special purpose machinery	3,2	143,0	127,8	137,1	7,3	144,2	146,5	1,6
-Household appliances	1,2	130,0	119,5	102,8	-14,0	114,6	119,0	3,8
Electrical machinery	2,7	106,7	82,6	85,2	3,1	97,6	110,8	13,5
Radio, television and communication apparatus and professional equipment	1,3	116,9	103,0	101,7	-1,3	109,3	116,2	6,3
-Radio, television and communication apparatus	0,7	100,3	83,8	80,0	-4,5	97,1	98,6	1,5
-Professional equipment	0,6	133,7	122,4	123,8	1,1	121,7	134,1	10,2
Motor vehicles, parts and accessories and other transport equipment	8,6	144,7	127,8	123,0	-3,8	149,9	141,8	-5,4
-Motor vehicles	4,1	140,7	124,0	104,4	-15,8	146,6	125,4	-14,5
-Bodies for motor vehicles, trailers and semi-trailers	0,4	218,2	164,0	166,8	1,7	199,4	226,8	13,7
-Parts and accessories	3,1	154,5	139,8	154,4	10,4	165,5	167,9	1,5
-Other transport equipment	1,0	103,1	92,4	85,2	-7,8	95,5	96,1	0,6
Furniture and other manufacturing division	5,8	120,0	88,9	99,8	12,3	133,2	125,0	-6,2
-Furniture	1,6	142,4	92,0	85,9	-6,6	146,8	136,2	-7,2
-Other manufacturing groups	4,2	111,6	87,7	105,1	19,8	128,1	120,8	-5,7
Total	100,0	124,2	107,6	109,1	1,4	123,7	125,0	1,1

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/ 86 994 516
Feb	57 530 894	61 544 562	63 772 089	66 251 198	70 758 982	88 142 916	
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	1/ 109 585 974	
Dec	58 364 614	57 324 718	63 142 536	69 279 984	78 315 754	1/ 87 055 817	
Year	757 215 001	746 344 652	811 486 069	861 382 538	974 593 072	1/ 1 124 978 939	

1/ Preliminary.

* Revised.

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	12,6
Feb	-	7,0	3,6	3,9	6,8	24,6	
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	12,4	
Dec	-	-1,8	10,1	9,7	13,0	11,2	
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	58 290 893	63 917 278	64 418 498	67 795 904	74 658 494	90 030 221	100 790 079
Feb	59 182 752	63 509 240	66 077 333	68 818 156	73 722 131	92 019 851	
Mar	59 000 060	62 069 389	67 560 976	68 794 407	76 668 041	92 186 738	
Apr	65 459 045	63 431 930	66 090 059	73 658 706	75 255 660	91 240 661	
May	63 395 060	61 118 691	67 753 942	70 879 670	78 679 034	95 108 063	
Jun	61 493 082	61 527 894	67 458 878	72 159 263	81 988 281	92 309 469	
Jul	64 122 458	62 447 819	67 953 024	72 052 876	82 822 349	93 023 044	
Aug	64 452 799	61 398 094	67 539 756	72 850 257	84 248 014	95 597 501	
Sep	65 472 457	61 455 697	69 009 099	73 920 842	84 660 556	90 126 089	
Oct	66 006 656	62 766 343	68 353 104	71 047 680	86 218 703	98 346 818	
Nov	65 683 881	60 790 679	69 349 732	72 593 921	87 099 439	97 866 346	
Dec	63 383 987	62 546 145	69 043 125	76 075 316	86 567 764	95 921 008	

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		
		January 2007	1/ December 2007	1/ January 2008	January 2007	December 2007	January 2008
Food and beverages	190 725 883	13 331 987	18 540 557	15 458 368	15 010 065	16 517 196	17 368 304
-Meat, fish, fruit etc.	48 534 325	3 451 807	4 515 553	3 922 858	3 872 660	4 239 425	4 392 403
-Dairy products	16 368 401	1 290 564	1 536 880	1 523 156	1 361 337	1 381 303	1 599 063
-Grain mill products	35 351 201	2 434 123	3 303 873	3 195 688	2 605 374	3 172 990	3 410 512
-Other food products	40 382 642	2 608 075	3 471 234	3 098 719	3 107 884	3 473 367	3 706 158
-Beverages	50 089 314	3 547 418	5 713 017	3 717 947	4 062 809	4 250 111	4 260 168
Textiles, clothing, leather and footwear	41 462 306	2 444 195	2 855 705	2 492 195	3 410 378	3 537 382	3 474 434
-Textiles	6 542 392	378 624	363 731	384 775	529 674	529 643	539 107
-Other textile products	10 775 306	677 085	669 975	646 891	916 962	861 553	876 198
-Knitted, crocheted articles	1 812 329	114 653	105 388	103 696	162 253	147 838	146 193
-Wearing apparel	14 691 677	782 518	1 173 728	835 569	1 188 595	1 334 901	1 269 559
-Leather and leather products	4 823 510	354 986	323 080	385 442	387 787	408 016	419 301
-Footwear	2 817 092	136 329	219 803	135 822	225 106	255 432	224 075
Wood and wood products, paper, publishing and printing	93 642 876	6 455 278	7 077 799	6 919 535	7 442 274	7 850 820	8 018 259
-Sawmilling and planing of wood	6 205 628	452 984	367 731	421 757	524 859	462 219	488 937
-Products of wood	14 229 333	816 608	923 979	948 782	1 090 804	1 205 615	1 274 114
-Paper and paper products	40 529 426	2 917 834	3 283 140	3 191 389	3 219 295	3 494 329	3 539 864
-Publishing	14 326 784	1 027 090	1 227 762	975 603	1 153 702	1 250 676	1 096 410
-Printing, recorded media	18 351 705	1 240 762	1 275 187	1 382 004	1 453 614	1 437 981	1 618 934
Petroleum, chemical products, rubber and plastic products	236 916 800	16 642 148	20 006 347	20 183 877	18 783 632	21 803 155	22 643 356
-Coke, petroleum products and nuclear fuel	86 358 423	6 345 156	8 740 728	8 513 809	6 742 446	9 065 891	9 039 256
-Basic chemicals	51 890 734	3 780 748	3 925 889	4 567 377	4 218 448	4 422 269	5 078 618
-Other chemical products	54 802 863	3 680 333	4 118 098	3 814 992	4 396 698	4 507 889	4 560 569
-Rubber products	10 221 656	668 349	665 883	671 227	857 386	832 791	864 942
-Plastic products	33 643 124	2 167 562	2 555 749	2 616 472	2 568 654	2 974 315	3 099 972
Glass and non-metallic mineral products	32 984 104	2 076 971	2 129 680	2 261 488	2 608 538	2 697 415	2 843 248
-Glass and glass products	5 834 297	386 486	461 323	415 148	485 069	507 289	520 450
-Non-metallic mineral products	27 149 807	1 690 485	1 668 357	1 846 340	2 123 469	2 190 126	2 322 798
Basic iron and steel, non-ferrous metal products, metal products and machinery	251 381 393	17 590 212	18 059 695	20 070 565	20 001 518	20 275 361	22 642 357
-Basic iron and steel products	98 911 116	7 502 917	7 334 299	9 301 485	7 845 437	8 376 118	9 702 920
-Non-ferrous metal products	38 935 281	2 820 810	2 779 068	2 773 293	3 312 116	2 693 301	3 249 250
-Structural metal products	18 351 446	1 130 065	1 181 603	1 232 863	1 471 503	1 512 320	1 594 784
-Other fabricated metal products	36 524 691	2 148 585	2 165 870	2 486 996	2 637 379	2 664 506	3 054 785
-General purpose machinery	21 932 921	1 438 527	1 716 379	1 552 319	1 767 761	1 863 951	1 900 496
-Special purpose machinery	26 838 561	1 856 545	2 280 894	2 079 555	2 127 298	2 413 262	2 368 827
-Household appliances	9 887 377	692 763	601 582	644 054	840 023	751 902	771 296
-Electrical machinery	35 229 793	2 148 819	2 312 974	2 469 511	2 799 402	2 684 781	3 215 732
Radio, television and communication apparatus and professional equipment	14 054 230	966 000	1 036 515	1 001 169	1 149 482	1 123 264	1 195 462
-Radio, television and communication apparatus	7 936 222	524 802	610 900	522 010	664 534	651 071	669 169
-Professional equipment	6 118 008	441 198	425 615	479 159	484 948	472 193	526 293
Motor vehicles, parts and accessories and other transport equipment	174 961 754	12 073 851	10 836 889	12 256 470	14 438 694	14 744 676	14 583 434
-Motor vehicles	88 029 955	5 957 722	5 560 894	5 462 756	7 522 584	7 364 508	6 918 199
-Bodies for motor vehicles, trailers and semi-trailers	7 594 899	402 799	464 452	442 855	597 805	571 028	660 858
-Parts and accessories	66 283 225	4 780 416	3 943 422	5 415 093	5 258 662	5 767 063	5 944 370
-Other transport equipment	13 053 675	932 914	868 121	935 766	1 059 641	1 042 078	1 060 007
Furniture and other manufacturing division	53 619 800	3 524 147	4 199 656	3 881 338	4 386 239	4 686 959	4 805 492
-Furniture	11 670 232	620 955	817 361	601 215	1 002 168	1 007 418	968 658
-Other manufacturing groups	41 949 568	2 903 192	3 382 295	3 280 123	3 384 071	3 679 541	3 836 834
Total	1 124 978 939	77 253 608	87 055 817	86 994 516	90 030 221	95 921 008	100 790 079

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		
		January 2007	January 2008	Percentage change between January 2007 and January 2008	December 2007	January 2008	Percentage change between December 2007 and January 2008
Food and beverages	190 725 883	13 331 987	15 458 368	15,9	16 517 196	17 368 304	5,2
-Meat, fish, fruit etc.	48 534 325	3 451 807	3 922 858	13,6	4 239 425	4 392 403	3,6
-Dairy products	16 368 401	1 290 564	1 523 156	18,0	1 381 303	1 599 063	15,8
-Grain mill products	35 351 201	2 434 123	3 195 688	31,3	3 172 990	3 410 512	7,5
-Other food products	40 382 642	2 608 075	3 098 719	18,8	3 473 367	3 706 158	6,7
-Beverages	50 089 314	3 547 418	3 717 947	4,8	4 250 111	4 260 168	0,2
Textiles, clothing, leather and footwear	41 462 306	2 444 195	2 492 195	2,0	3 537 382	3 474 434	-1,8
-Textiles	6 542 392	378 624	384 775	1,6	529 643	539 107	1,8
-Other textile products	10 775 306	677 085	646 891	-4,5	861 553	876 198	1,7
-Knitted, crocheted articles	1 812 329	114 653	103 696	-9,6	147 838	146 193	-1,1
-Wearing apparel	14 691 677	782 518	835 569	6,8	1 334 901	1 269 559	-4,9
-Leather and leather products	4 823 510	354 986	385 442	8,6	408 016	419 301	2,8
-Footwear	2 817 092	136 329	135 822	-0,4	255 432	224 075	-12,3
Wood and wood products, paper, publishing and printing	93 642 876	6 455 278	6 919 535	7,2	7 850 820	8 018 259	2,1
-Sawmilling and planing of wood	6 205 628	452 984	421 757	-6,9	462 219	488 937	5,8
-Products of wood	14 229 333	816 608	948 782	16,2	1 205 615	1 274 114	5,7
-Paper and paper products	40 529 426	2 917 834	3 191 389	9,4	3 494 329	3 539 864	1,3
-Publishing	14 326 784	1 027 090	975 603	-5,0	1 250 676	1 096 410	-12,3
-Printing, recorded media	18 351 705	1 240 762	1 382 004	11,4	1 437 981	1 618 934	12,6
Petroleum, chemical products, rubber and plastic products	236 916 800	16 642 148	20 183 877	21,3	21 803 155	22 643 356	3,9
-Coke, petroleum products and nuclear fuel	86 358 423	6 345 156	8 513 809	34,2	9 065 891	9 039 256	-0,3
-Basic chemicals	51 890 734	3 780 748	4 567 377	20,8	4 422 269	5 078 618	14,8
-Other chemical products	54 802 863	3 680 333	3 814 992	3,7	4 507 889	4 560 569	1,2
-Rubber products	10 221 656	668 349	671 227	0,4	832 791	864 942	3,9
-Plastic products	33 643 124	2 167 562	2 616 472	20,7	2 974 315	3 099 972	4,2
Glass and non-metallic mineral products	32 984 104	2 076 971	2 261 488	8,9	2 697 415	2 843 248	5,4
-Glass and glass products	5 834 297	386 486	415 148	7,4	507 289	520 450	2,6
-Non-metallic mineral products	27 149 807	1 690 485	1 846 340	9,2	2 190 126	2 322 798	6,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	251 381 393	17 590 212	20 070 565	14,1	20 275 361	22 642 357	11,7
-Basic iron and steel products	98 911 116	7 502 917	9 301 485	24,0	8 376 118	9 702 920	15,8
-Non-ferrous metal products	38 935 281	2 820 810	2 773 293	-1,7	2 693 301	3 249 250	20,6
-Structural metal products	18 351 446	1 130 065	1 232 863	9,1	1 512 320	1 594 784	5,5
-Other fabricated metal products	36 524 691	2 148 585	2 486 996	15,8	2 664 506	3 054 785	14,6
-General purpose machinery	21 932 921	1 438 527	1 552 319	7,9	1 863 951	1 900 496	2,0
-Special purpose machinery	26 838 561	1 856 545	2 079 555	12,0	2 413 262	2 368 827	-1,8
-Household appliances	9 887 377	692 763	644 054	-7,0	751 902	771 296	2,6
-Electrical machinery	35 229 793	2 148 819	2 469 511	14,9	2 684 781	3 215 732	19,8
Radio, television and communication apparatus and professional equipment	14 054 230	966 000	1 001 169	3,6	1 123 264	1 195 462	6,4
-Radio, television and communication apparatus	7 936 222	524 802	522 010	-0,5	651 071	669 169	2,8
-Professional equipment	6 118 008	441 198	479 159	8,6	472 193	526 293	11,5
Motor vehicles, parts and accessories and other transport equipment	174 961 754	12 073 851	12 256 470	1,5	14 744 676	14 583 434	-1,1
-Motor vehicles	88 029 955	5 957 722	5 462 756	-8,3	7 364 508	6 918 199	-6,1
-Bodies for motor vehicles, trailers and semi-trailers	7 594 899	402 799	442 855	9,9	571 028	660 858	15,7
-Parts and accessories	66 283 225	4 780 416	5 415 093	13,3	5 767 063	5 944 370	3,1
-Other transport equipment	13 053 675	932 914	935 766	0,3	1 042 078	1 060 007	1,7
Furniture and other manufacturing division	53 619 800	3 524 147	3 881 338	10,1	4 686 959	4 805 492	2,5
-Furniture	11 670 232	620 955	601 215	-3,2	1 007 418	968 658	-3,8
-Other manufacturing groups	41 949 568	2 903 192	3 280 123	13,0	3 679 541	3 836 834	4,3
Total	1 124 978 939	77 253 608	86 994 516	12,6	95 921 008	100 790 079	5,1

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)		
		November 2006 to January 2007	November 2007 to January 2008	Annual percentage change between November 2006 to January 2007 and November 2007 to January 2008	November 2006 to January 2007	November 2007 to January 2008	Annual percentage change between November 2006 to January 2007 and November 2007 to January 2008
Food and beverages	16,4	122,5	122,5	0,0	44 904 780	52 635 006	17,2
-Meat, fish, fruit etc.	2,6	125,1	126,1	0,8	11 274 204	12 997 754	15,3
-Dairy products	1,1	122,1	118,1	-3,3	4 058 598	4 647 831	14,5
-Grain mill products	1,5	128,8	126,0	-2,2	7 531 114	9 946 470	32,1
-Other food products	6,8	104,0	100,7	-3,2	9 234 443	10 868 645	17,7
-Beverages	4,3	148,1	154,6	4,4	12 806 421	14 174 306	10,7
Textiles, clothing, leather and footwear	5,4	89,5	93,3	4,2	9 094 225	9 693 824	6,6
-Textiles	1,2	68,1	67,2	-1,3	1 374 014	1 394 221	1,5
-Other textile products	1,2	107,4	110,2	2,6	2 422 351	2 431 411	0,4
-Knitted, crocheted articles	0,3	75,2	65,3	-13,2	404 865	387 689	-4,2
-Wearing apparel	2,0	98,5	108,3	9,9	3 227 644	3 642 290	12,8
-Leather and leather products	0,3	92,5	94,4	2,1	1 065 652	1 150 780	8,0
-Footwear	0,4	69,1	71,8	3,9	599 699	687 433	14,6
Wood and wood products, paper, publishing and printing	11,0	115,3	114,0	-1,1	21 674 452	23 278 953	7,4
-Sawmilling and planing of wood	0,7	110,7	93,0	-16,0	1 412 607	1 397 374	-1,1
-Products of wood	1,0	118,9	119,2	0,3	2 948 980	3 315 553	12,4
-Paper and paper products	4,8	113,7	115,4	1,5	9 677 325	10 346 049	6,9
-Publishing	2,4	126,3	120,3	-4,8	3 457 742	3 580 470	3,5
-Printing, recorded media	2,1	106,3	108,3	1,9	4 177 798	4 639 507	11,1
Petroleum, chemical products, rubber and plastic products	22,5	119,2	126,5	6,1	52 934 082	63 867 732	20,7
-Coke, petroleum products and nuclear fuel	9,1	96,9	106,4	9,8	18 881 507	25 694 637	36,1
-Basic chemicals	4,0	141,0	147,2	4,4	11 957 884	13 665 993	14,3
-Other chemical products	5,4	130,9	132,0	0,8	12 551 070	13 461 765	7,3
-Rubber products	1,1	78,9	73,5	-6,8	2 337 702	2 340 934	0,1
-Plastic products	3,0	152,9	170,7	11,6	7 205 919	8 704 403	20,8
Glass and non-metallic mineral products	3,9	125,7	129,9	3,3	7 040 189	7 654 375	8,7
-Glass and glass products	1,1	156,4	158,4	1,3	1 423 016	1 491 979	4,8
-Non-metallic mineral products	2,9	114,2	119,3	4,5	5 617 173	6 162 396	9,7
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,4	118,5	118,8	0,3	56 044 159	61 453 200	9,7
-Basic iron and steel products	5,5	109,5	106,4	-2,8	22 451 444	25 623 043	14,1
-Non-ferrous metal products	4,7	119,8	116,3	-2,9	9 021 418	9 075 797	0,6
-Structural metal products	1,3	114,1	128,4	12,5	3 728 557	4 282 290	14,9
-Other fabricated metal products	4,2	119,1	123,2	3,4	7 511 623	8 206 263	9,2
-General purpose machinery	2,4	109,9	112,4	2,3	4 856 880	5 284 513	8,8
-Special purpose machinery	3,2	137,6	142,3	3,4	6 151 493	6 777 489	10,2
-Household appliances	1,2	126,3	112,5	-10,9	2 322 744	2 203 805	-5,1
Electrical machinery	2,7	97,9	96,5	-1,4	7 737 366	8 211 210	6,1
Radio, television and communication apparatus and professional equipment	1,3	109,8	111,7	1,7	3 286 083	3 372 414	2,6
-Radio, television and communication apparatus	0,7	99,4	97,1	-2,3	1 936 604	1 896 464	-2,1
-Professional equipment	0,6	120,3	126,6	5,2	1 349 479	1 475 950	9,4
Motor vehicles, parts and accessories and other transport equipment	8,6	130,9	129,8	-0,8	38 249 617	40 062 031	4,7
-Motor vehicles	4,1	132,0	122,5	-7,2	20 025 013	19 707 117	-1,6
-Bodies for motor vehicles, trailers and semi-trailers	0,4	184,4	192,2	4,2	1 547 524	1 715 783	10,9
-Parts and accessories	3,1	134,1	144,6	7,8	13 759 558	15 688 762	14,0
-Other transport equipment	1,0	96,5	90,1	-6,6	2 917 522	2 950 369	1,1
Furniture and other manufacturing division	5,8	107,0	118,6	10,8	12 066 332	13 407 562	11,1
-Furniture	1,6	131,5	132,9	1,1	2 668 901	2 766 760	3,7
-Other manufacturing groups	4,2	97,7	113,2	15,9	9 397 431	10 640 802	13,2
Total	100,0	117,4	119,9	2,1	253 031 285	283 636 307	12,1

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 January 2008 was 85,4%. Improved response rate for December 2007 was 86,8%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

- Survey methodology and design**
- 11 The survey is conducted monthly. Questionnaires are sent to a sample of approximately 3 100 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.
 - 12 The value of sales of manufactured products is obtained monthly from the sample of 3 046 enterprises, which was drawn in May 2007 from a population then of 56 801 manufacturing enterprises. Each manufacturing major group is divided into four size groups. The sample is drawn at the SIC three-digit level. All large enterprises (size group one), are completely enumerated. Simple random sampling is applied for size group two (medium sized) enterprises, and for size groups three and four (small) enterprises. The total value of sales of manufactured products of large enterprises (size group one) in a major group is added to the weighted totals of size groups two, three and four of that major group to reflect the total value of sales of the major group.
 - 13 The calculation of the monthly production indices is based on the value of sales of products and articles manufactured and change in monthly value of stocks of manufactured products, after the effect of price changes has been eliminated through deflation using appropriate indices of the Production Price Index (PPI). For 38 of the 44 major groups in manufacturing, the value of production is calculated from the value of sales and stocks of manufactured products obtained from the monthly survey of manufacturing enterprises.
 - 14 More direct indicators are used for the value of production of tobacco, coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles and parts and accessories for motor vehicles. The volume indices for these major groups are calculated on the basis of physical quantities. This method is used by the national statistical agencies of many other countries for petroleum products as the results are considered more satisfactory (mainly because these commodities are relatively homogeneous).
- Weighting methodology**
- 15 For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at www.statssa.gov.za/publications/publicationsearch.asp.
 - 16 For indices, a weight is calculated for every major group according to the value added of the major group relative to the total value added of the manufacturing industry as a whole, based on the results of the most recent census of manufacturing or large sample survey of the manufacturing industry. For the period 1996 to 2000, the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 2007, the weights are based on the 2001 large sample survey of the manufacturing industry. Weights between census years are fixed. The production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total physical volume of manufacturing production (see table E for the fixed weights which were used for the two periods 1996 to 2000 and 2001 to 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
- Symbols and abbreviations** 25
- | | |
|----------|---|
| GDP | Gross Domestic Product |
| ISIC | International Standard Industrial Classification |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value-added tax |
| 1/ | Preliminary figures |
| * | Revised figures |

Technical notes

26 Neyman optimal allocation

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

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

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

Class limits: Manufacturing

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

Glossary

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

Turnover excludes -

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

Weight

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

Table E – Weights according to manufacturing major groups

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

General information

Stats SA publishes approximately 300 different statistical releases each year. It is not economically viable to produce them in more than one of South Africa's eleven official languages. Since the releases are used extensively, not only locally but also by international economic and social-scientific communities, Stats SA releases are published in English.

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