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SUMMARY OF FINDINGS: MANUFACTURING PRODUCTION AND SALES

Table A – Selected key figures regarding manufacturing production and sales for April 2009

Estimates	April 2009	% change between April 2008 and April 2009	% change between February to April 2008 and February to April 2009	% change between January to April 2008 and January to April 2009
Physical volume of manufacturing production index (2005=100)	87,7	-21,6	-16,2	-15,4
Total value of sales of manufactured products (R million)	87 128	-21,8	-13,1	-11,4

Seasonally adjusted estimates	April 2009	% change between March and April 2009	% change between November 2008 to January 2009 and February to April 2009
Physical volume of manufacturing production index (2005=100)	93,6	-2,5	-4,2
Total value of sales of manufactured products (R million)	92 813	-6,2	-5,5

Manufacturing production declines further

The estimated manufacturing production for April 2009 decreased by 21,6% compared with April 2008 as opposed to an 11,1% year-on-year recorded in April 2008. Lower production in April 2009 may be partly attributed to a shorter working month in April 2009 as compared with April 2008 owing to the Easter period that switched from March in 2008 to April in 2009.

The 21,6% decrease in manufacturing production in April 2009 compared with April 2008 was mainly due to lower production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (-26,4% and contributing -6,1 percentage points), followed by motor vehicles, parts and accessories and other transport equipment (-49,0% and contributing -5,3 percentage points) and the petroleum, chemical products, rubber and plastic products division (-15,2% and contributing -3,3 percentage points) (see Table 4b).

The seasonally adjusted manufacturing production for the three months ended April 2009 decreased by 4,2% compared with the previous three months. Lower production levels were reported by nine of the ten manufacturing divisions during the latest three months.

The decrease was driven mainly by lower production in petroleum, chemical products, rubber and plastic products (contributing -0,9 of a percentage point), wood and wood products, paper, publishing and printing and motor vehicles, parts and accessories and other transport equipment (each contributing -0,7 of a percentage point) and basic iron and steel, non-ferrous metal products, metal products and machinery (contributing -0,6 of a percentage point) (see Table B).

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

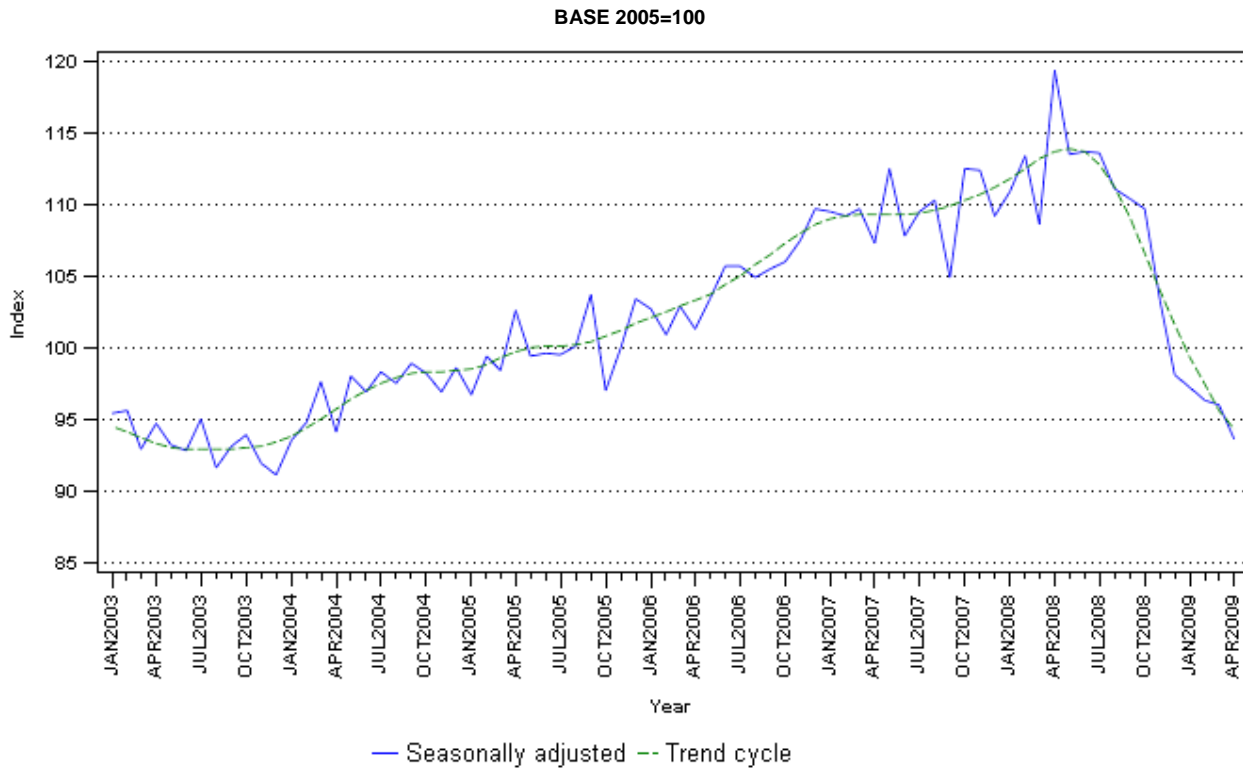
(Base 2005=100)

Manufacturing divisions and major groups	Percentage contribution to total manufacturing production using the weights according to large sample survey of the manufacturing industry, 2005	Average seasonally adjusted production index for November 2008 to January 2009	Average seasonally adjusted production index for February to April 2009	Quarterly percentage change of February to April 2009 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and beverages	15,4	109,7	107,3	-2,2	-0,3
-Food and food products	8,6	105,2	106,7	1,4	0,1
-Beverages	6,8	115,7	108,2	-6,5	-0,4
Textiles, clothing, leather and footwear	4,9	100,2	92,0	-8,2	-0,4
-Textiles	1,7	89,1	81,2	-8,9	-0,2
-Wearing apparel	2,1	111,0	101,1	-8,9	-0,2
-Leather and leather products	0,6	82,3	74,5	-9,5	-0,1
-Footwear	0,4	110,6	104,9	-5,2	0,0
Wood and wood products, paper, publishing and printing	10,2	103,8	96,3	-7,2	-0,7
-Wood and products of wood	2,0	95,1	84,9	-10,7	-0,2
-Paper and paper products	3,8	118,0	108,5	-8,1	-0,3
-Publishing and printing	4,3	95,3	90,9	-4,6	-0,2
Petroleum, chemical products, rubber and plastic products	22,1	110,0	105,5	-4,1	-0,9
-Coke, petroleum products and nuclear fuel	8,5	89,8	90,8	1,1	0,1
-Basic chemicals	4,5	128,6	113,4	-11,8	-0,5
-Other chemical products	5,3	118,7	109,9	-7,4	-0,4
-Rubber products	1,0	82,2	80,0	-2,7	0,0
-Plastic products	2,7	135,5	139,1	2,7	0,1
Glass and non-metallic mineral products	4,8	103,9	98,7	-5,0	-0,2
-Glass and glass products	1,0	127,5	122,5	-3,9	0,0
-Non-metallic mineral products	3,8	98,0	92,7	-5,4	-0,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	86,2	83,9	-2,7	-0,6
-Basic iron and steel products	7,7	52,7	58,0	10,1	0,8
-Basic precious, non-ferrous metal products	3,4	98,3	93,3	-5,1	-0,2
-Fabricated metal products	5,7	116,0	111,7	-3,7	-0,2
-Machinery and equipment	6,1	95,3	87,2	-8,5	-0,5
Electrical machinery	2,5	123,7	127,7	3,2	0,1
Radio, television and communication apparatus and professional equipment	1,1	99,2	96,4	-2,8	0,0
-Radio, television and communication apparatus	0,4	114,1	101,8	-10,8	0,0
-Professional equipment	0,7	89,8	92,9	3,5	0,0
Motor vehicles, parts and accessories and other transport equipment	10,9	77,1	72,1	-6,5	-0,7
-Motor vehicles, trailers, parts and accessories	10,0	73,0	67,6	-7,4	-0,7
-Other transport equipment	0,9	126,5	119,9	-5,2	0,0
Furniture and other manufacturing division	5,2	106,1	96,7	-8,9	-0,5
-Furniture	1,3	101,2	93,1	-8,0	-0,1
-Other manufacturing groups	3,9	107,7	98,0	-9,0	-0,4
Total	100,0	99,5	95,3	-4,2	-4,2

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 2003 and April 2009.

Figure 1 – Index of the physical volume of manufacturing production



Seasonally adjusted sales of manufactured products decrease

The estimated total value of sales of manufactured products at current prices for the three months ended April 2009 decreased by 5,5% (-R16 977 million), after seasonal adjustment, compared with the previous three months. Lower manufacturing sales were reported by eight of the ten manufacturing divisions during this period (see Table C).

Large decreases were mainly reported for the motor vehicles, parts and accessories and other transport equipment division (-14,5% or -R5 927 million), the basic iron and steel, non-ferrous metal products, metal products and machinery division (-7,9% or -R4 743 million) and the petroleum, chemical products, rubber and plastic products division (-6,9% or -R4 984 million) during this period (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 November 2008 to January 2009	Seasonally adjusted sales February to April 2009	Percentage change between November 2008 to January 2009 and February to April 2009	Difference in seasonally adjusted sales of manufacturing divisions between November 2008 to January 2009 and February to April 2009
	R '000	R '000		R '000
Food and beverages	60 398 241	60 029 605	-0,6	-368 636
-Food and food products	45 577 874	45 808 060	0,5	230 186
-Beverages	14 820 369	14 221 543	-4,0	-598 826
Textiles, clothing, leather and footwear	10 105 090	9 366 894	-7,3	-738 196
-Textiles	3 961 642	3 671 888	-7,3	-289 754
-Wearing apparel	4 311 792	3 963 617	-8,1	-348 175
-Leather and leather products	919 023	878 485	-4,4	-40 538
-Footwear	912 632	852 904	-6,5	-59 728
Wood and wood products, paper, publishing and printing	27 787 301	26 505 029	-4,6	-1 282 272
-Wood and products of wood	6 578 514	5 795 793	-11,9	-782 721
-Paper and paper products	12 259 047	11 908 732	-2,9	-350 315
-Publishing and printing	8 949 742	8 800 505	-1,7	-149 237
Petroleum, chemicals products, rubber and plastic products	71 794 701	66 810 996	-6,9	-4 983 705
-Coke, petroleum products and nuclear fuel	24 174 600	21 424 267	-11,4	-2 750 333
-Basic chemicals	16 933 455	15 278 616	-9,8	-1 654 839
-Other chemical products	16 571 917	15 904 562	-4,0	-667 355
-Rubber products	2 925 213	2 861 712	-2,2	-63 501
-Plastic products	11 189 516	11 341 838	1,4	152 322
Glass and non-metallic mineral products	8 911 445	8 838 341	-0,8	-73 104
-Glass and glass products	1 708 325	1 705 856	-0,1	-2 469
-Non-metallic mineral products	7 203 122	7 132 485	-1,0	-70 637
Basic iron and steel, non-ferrous metal products, metal products and machinery	60 342 641	55 599 512	-7,9	-4 743 129
-Basic iron and steel products	19 188 931	17 894 951	-6,7	-1 293 980
-Basic precious, non-ferrous metal products	9 541 819	8 133 852	-14,8	-1 407 967
-Fabricated metal products	16 953 017	16 040 294	-5,4	-912 723
-Machinery and equipment	14 658 873	13 530 415	-7,7	-1 128 458
Electrical machinery	9 486 044	9 522 597	0,4	36 553
Radio, television and communication apparatus and professional equipment	3 398 422	3 310 045	-2,6	-88 377
-Radio, television and communication apparatus	1 561 836	1 411 090	-9,7	-150 746
-Professional equipment	1 836 587	1 898 955	3,4	62 368
Motor vehicles, parts and accessories and other transport equipment	40 780 887	34 854 357	-14,5	-5 926 530
-Motor vehicles, trailers, parts and accessories	36 603 456	30 948 840	-15,4	-5 654 616
-Other transport equipment	4 177 430	3 905 518	-6,5	-271 912
Furniture and other manufacturing division	13 542 769	14 732 918	8,8	1 190 149
-Furniture	3 425 097	3 158 476	-7,8	-266 621
-Other manufacturing groups	10 117 672	11 574 443	14,4	1 456 771
Total	306 547 545	289 570 295	-5,5	-16 977 250

Manufacturing sales at current prices continue to decrease

Estimated sales of manufactured products at current prices decreased by 21,8% in April 2009 compared with April 2008 – the fourth consecutive year-on-year decrease (see Table 6). The annual growth in the value of sales for the three months ended April 2009 was -13,1% (-R42 255 million) compared with the three months ended April 2008 (see Table D).

The major contributors to the decrease of 13,1% in sales of manufactured products at current prices for the three months ended April 2009 compared with the same period of 2008 were the basic iron and steel, non-ferrous metal products, metal products and machinery division (-5,7 percentage points or -R18 436 million), the motor vehicles, parts and accessories and other transport equipment division (-5,0 percentage points or -R16 052 million) and the petroleum, chemical products, rubber and plastic products division (-2,5 percentage points or -R8 267 million) (see Table D).

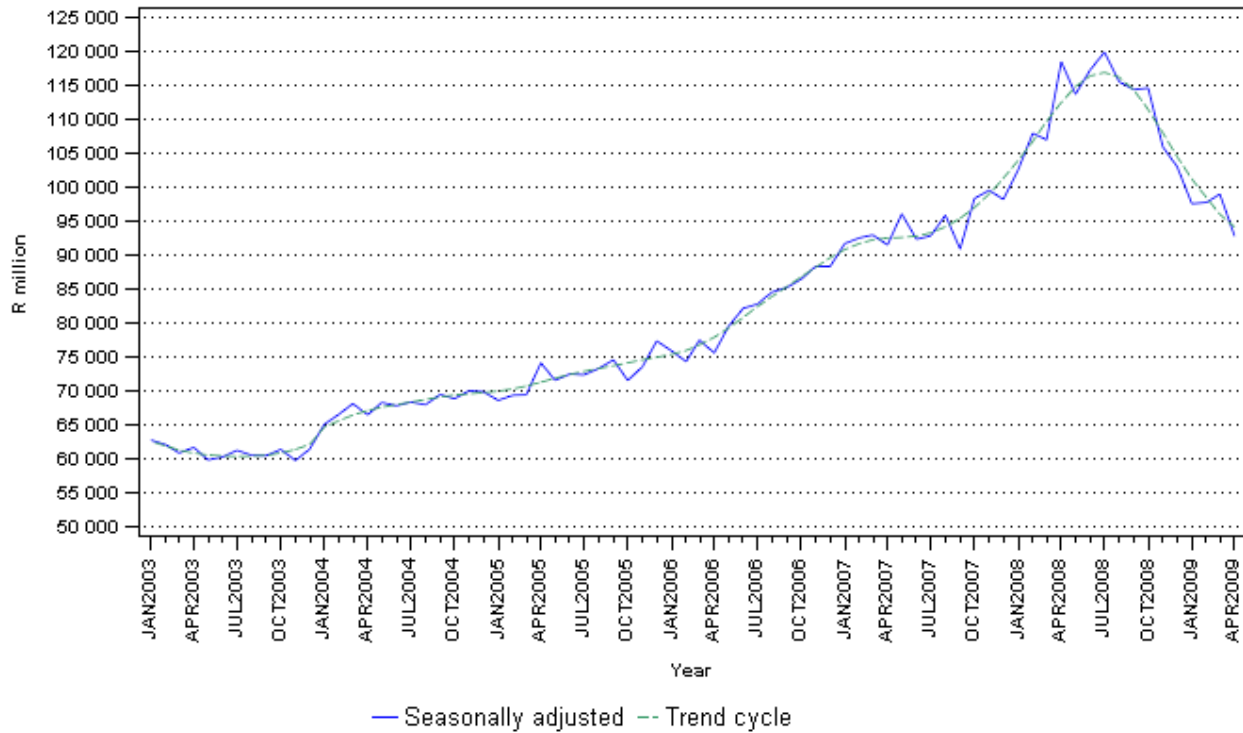
Table D – Contribution of the manufacturing divisions and major groups to the total value of sales of manufactured products at current prices

Manufacturing divisions and major groups	Percentage contribution to total value of sales of manufactured products February to April 2008	Percentage change between February to April 2008 and February to April 2009	Contribution (percentage points) to the percentage change in the total value of sales of manufactured products 1/	Difference in sales of manufacturing divisions between February to April 2008 and February to April 2009
				R '000
Food and beverages	16,6	7,9	1,3	4 261 526
-Food and food products	12,5	8,9	1,1	3 600 450
-Beverages	4,1	4,9	0,2	661 076
Textiles, clothing, leather and footwear	3,3	-12,1	-0,4	-1 304 950
-Textiles	1,3	-13,5	-0,2	-587 521
-Wearing apparel	1,4	-9,9	-0,1	-438 492
-Leather and leather products	0,4	-24,0	-0,1	-292 522
-Footwear	0,2	1,7	0,0	13 585
Wood and wood products, paper, publishing and printing	8,2	-3,5	-0,3	-924 482
-Wood and products of wood	2,1	-17,5	-0,4	-1 185 274
-Paper and paper products	3,4	2,2	0,1	246 423
-Publishing and printing	2,6	0,2	0,0	14 369
Petroleum, chemicals products, rubber and plastic products	22,3	-11,4	-2,5	-8 267 319
-Coke, petroleum products and nuclear fuel	8,8	-29,2	-2,6	-8 315 256
-Basic chemicals	5,1	-13,2	-0,7	-2 180 243
-Other chemical products	4,5	6,2	0,3	915 300
-Rubber products	0,9	-1,6	0,0	-46 485
-Plastic products	3,0	14,2	0,4	1 359 365
Glass and non-metallic mineral products	2,7	-3,4	-0,1	-296 836
-Glass and glass products	0,5	7,5	0,0	110 381
-Non-metallic mineral products	2,3	-5,5	-0,1	-407 217
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,3	-25,5	-5,7	-18 436 335
-Basic iron and steel products	9,5	-44,4	-4,2	-13 718 656
-Basic precious, non-ferrous metal products	3,1	-22,9	-0,7	-2 313 318
-Fabricated metal products	5,0	-3,9	-0,2	-619 242
-Machinery and equipment	4,7	-11,7	-0,5	-1 785 119
Electrical machinery	3,1	-6,2	-0,2	-626 605
Radio, television and communication apparatus and professional equipment	1,1	-4,2	0,0	-144 273
-Radio, television and communication apparatus	0,5	-11,4	-0,1	-177 005
-Professional equipment	0,6	1,8	0,0	32 732
Motor vehicles, parts and accessories and other transport equipment	15,8	-31,4	-5,0	-16 051 541
-Motor vehicles, trailers, parts and accessories	14,6	-34,4	-5,0	-16 274 136
-Other transport equipment	1,2	5,9	0,1	222 595
Furniture and other manufacturing division	4,6	-3,1	-0,1	-463 776
-Furniture	1,0	-8,2	-0,1	-259 987
-Other manufacturing groups	3,6	-1,8	-0,1	-203 789
Total	100,0	-13,1	-13,1	-42 254 591

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 2008, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 2003 and April 2009.

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 2005 = 100

Month	2003	2004	2005	2006	2007	2008	2009
Jan	84,2	82,6	85,2	89,8	95,2	96,2	83,9
Feb	92,6	91,5	95,5	96,8	104,6	108,5	1/ 92,0
Mar	96,0	100,8	101,8	106,3	113,4	112,0	1/ 98,8
Apr	88,8	88,9	96,2	95,4	100,6	111,8	1/ 87,7
May	93,8	98,7	100,3	104,2	113,2	114,3	
Jun	93,4	97,6	100,1	106,6	108,9	115,1	
Jul	96,5	100,0	100,9	107,4	111,1	115,3	
Aug	93,9	100,3	103,3	108,7	114,4	115,0	
Sep	96,1	102,3	107,5	109,6	108,8	114,5	
Oct	103,3	108,2	106,9	117,0	124,2	121,4	
Nov	101,6	107,5	110,7	119,0	124,3	114,7	
Dec	80,7	87,0	91,4	96,9	96,6	88,2	
Year	93,4	97,1	100,0	104,8	109,6	110,6	

1/ Preliminary.

Table 2 – Annual percentage change in the index of the physical volume of manufacturing production: Total

Month	2003	2004	2005	2006	2007	2008	2009
Jan	-	-1,9	3,1	5,4	6,0	1,1	-12,8
Feb	-	-1,2	4,4	1,4	8,1	3,7	-15,2
Mar	-	5,0	1,0	4,4	6,7	-1,2	-11,8
Apr	-	0,1	8,2	-0,8	5,5	11,1	-21,6
May	-	5,2	1,6	3,9	8,6	1,0	
Jun	-	4,5	2,6	6,5	2,2	5,7	
Jul	-	3,6	0,9	6,4	3,4	3,8	
Aug	-	6,8	3,0	5,2	5,2	0,5	
Sep	-	6,5	5,1	2,0	-0,7	5,2	
Oct	-	4,7	-1,2	9,4	6,2	-2,3	
Nov	-	5,8	3,0	7,5	4,5	-7,7	
Dec	-	7,8	5,1	6,0	-0,3	-8,7	
Year	-	4,0	3,0	4,8	4,6	0,9	

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	2003	2004	2005	2006	2007	2008	2009
Jan	95,4	93,5	96,7	102,7	109,5	110,9	97,2
Feb	95,6	94,8	99,4	100,9	109,2	113,4	96,3
Mar	92,9	97,6	98,4	102,9	109,7	108,6	96,0
Apr	94,7	94,1	102,6	101,3	107,3	119,4	93,6
May	93,2	98,0	99,4	103,4	112,5	113,5	
Jun	92,8	96,9	99,6	105,7	107,8	113,7	
Jul	95,0	98,3	99,5	105,7	109,5	113,6	
Aug	91,6	97,5	100,1	104,9	110,3	111,1	
Sep	93,1	98,9	103,7	105,5	104,9	110,4	
Oct	93,9	98,2	97,0	106,0	112,5	109,7	
Nov	91,9	96,9	100,0	107,5	112,4	103,3	
Dec	91,1	98,6	103,4	109,7	109,2	98,1	

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

Base 2005 = 100

Manufacturing divisions and major groups	Weights	Year 2008	Indices			Seasonally adjusted indices		
			April 2008	1/ March 2009	1/ April 2009	April 2008	March 2009	April 2009
Food and beverages	15,4	109,6	105,7	109,4	100,6	112,4	109,3	106,9
-Meat, fish, fruit, etc.	1,8	108,7	114,3	115,6	105,0	115,9	104,3	106,0
-Dairy products	0,8	110,9	101,7	110,1	103,7	107,1	109,3	109,4
-Grain mill products	0,8	108,6	107,4	115,8	101,0	108,8	113,1	102,7
-Other food products	5,2	105,3	108,1	96,6	96,3	114,3	107,8	101,9
-Beverages	6,8	113,1	101,9	116,7	102,4	111,1	111,4	111,2
Textiles, clothing, leather and footwear	4,9	104,8	109,7	98,1	83,3	117,3	92,8	89,4
-Textiles	0,7	90,5	95,3	88,8	71,0	105,6	81,9	79,5
-Other textile products	0,9	99,6	103,1	86,2	68,4	104,8	83,2	69,6
-Knitted, crocheted articles	0,2	112,1	116,0	120,7	114,7	116,2	112,7	114,8
-Wearing apparel	2,1	110,5	116,4	108,6	91,3	116,9	105,0	91,8
-Leather and leather products	0,6	101,3	110,2	78,9	76,1	110,3	70,9	76,3
-Footwear	0,4	111,6	109,4	106,1	93,5	120,0	106,0	103,1
Wood and wood products, paper, publishing and printing	10,2	108,3	104,0	100,0	85,7	112,1	98,2	92,7
-Sawmilling and planing of wood	0,7	95,7	102,9	77,8	61,1	110,7	71,5	66,0
-Products of wood	1,3	103,5	109,6	94,5	87,0	116,5	93,5	92,3
-Paper and paper products	3,8	121,8	117,9	111,2	97,9	125,0	112,5	104,2
-Publishing	1,9	105,9	95,9	98,6	84,0	105,8	94,8	93,0
-Printing, recorded media	2,5	95,5	86,1	92,8	74,4	95,0	88,8	82,6
Petroleum, chemical products, rubber and plastic products	22,1	117,9	120,1	105,9	101,9	123,9	104,9	104,8
-Coke, petroleum products and nuclear fuel	8,5	95,8	101,9	86,6	97,8	100,5	86,4	96,3
-Basic chemicals	4,5	152,5	150,6	110,9	102,3	159,8	114,3	108,7
-Other chemical products	5,3	119,2	119,3	119,3	96,3	125,6	113,1	101,6
-Rubber products	1,0	91,0	99,9	83,1	78,0	103,6	79,7	80,6
-Plastic products	2,7	137,3	135,5	139,9	133,8	141,9	140,2	140,3
Glass and non-metallic mineral products	4,8	110,4	114,8	100,9	91,8	118,7	100,6	95,2
-Glass and glass products	1,0	123,1	114,8	119,6	102,4	123,7	128,8	110,5
-Non-metallic mineral products	3,8	107,2	114,8	96,2	89,2	117,4	93,5	91,3
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	105,6	107,1	87,9	78,8	113,3	82,8	83,7
-Basic iron and steel products	7,7	94,8	103,5	58,0	61,3	104,5	55,5	62,2
-Non-ferrous metal products	3,4	102,8	103,6	98,7	89,3	106,3	93,7	91,8
-Structural metal products	2,0	124,2	118,5	104,0	97,7	127,8	102,1	106,3
-Other fabricated metal products	3,8	125,8	123,5	118,8	106,3	131,7	111,2	113,3
-General purpose machinery	2,4	93,4	96,7	75,6	67,8	101,5	74,5	71,5
-Special purpose machinery	3,1	108,8	100,5	108,0	71,4	119,7	94,1	84,9
-Household appliances	0,6	104,4	108,2	108,6	88,9	117,3	102,4	96,7
-Electrical machinery	2,5	124,9	123,1	134,6	118,0	131,7	127,5	125,7
Radio, television and communication apparatus and professional equipment	1,1	106,0	102,9	103,1	85,4	113,4	102,5	94,0
-Radio, television and communication apparatus	0,4	117,6	120,5	101,9	90,1	134,8	99,2	100,8
-Professional equipment	0,7	98,6	91,8	103,9	82,5	99,8	104,6	89,7
Motor vehicles, parts and accessories and other transport equipment	10,9	105,8	121,3	81,3	61,9	133,0	75,9	67,6
-Motor vehicles	4,9	99,7	107,5	73,7	46,4	127,6	69,2	55,5
-Bodies for motor vehicles, trailers and semi-trailers	0,5	151,1	154,3	109,4	97,2	158,4	106,5	99,9
-Parts and accessories	4,7	105,4	132,1	73,7	64,4	136,1	70,3	66,1
-Other transport equipment	0,9	116,9	123,1	144,3	112,4	132,8	123,2	121,1
Furniture and other manufacturing division	5,2	118,2	106,0	99,9	73,0	130,5	96,6	92,5
-Furniture	1,3	106,3	100,9	82,8	84,1	111,1	90,1	92,5
-Other manufacturing groups	3,9	122,2	107,6	105,5	69,3	137,0	98,8	92,5
Total	100,0	110,6	111,8	98,8	87,7	119,4	96,0	93,6

1/ Preliminary.

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

Base 2005 = 100

Manufacturing divisions and major groups	Weights	Year 2008	Indices			Seasonally adjusted indices		
			April 2008	1/ April 2009	Percentage change between April 2008 and April 2009	March 2009	April 2009	Percentage change between March and April 2009
Food and beverages	15,4	109,6	105,7	100,6	-4,8	109,3	106,9	-2,2
-Meat, fish, fruit, etc.	1,8	108,7	114,3	105,0	-8,1	104,3	106,0	1,6
-Dairy products	0,8	110,9	101,7	103,7	2,0	109,3	109,4	0,1
-Grain mill products	0,8	108,6	107,4	101,0	-6,0	113,1	102,7	-9,2
-Other food products	5,2	105,3	108,1	96,3	-10,9	107,8	101,9	-5,5
-Beverages	6,8	113,1	101,9	102,4	0,5	111,4	111,2	-0,2
Textiles, clothing, leather and footwear	4,9	104,8	109,7	83,3	-24,1	92,8	89,4	-3,7
-Textiles	0,7	90,5	95,3	71,0	-25,5	81,9	79,5	-2,9
-Other textile products	0,9	99,6	103,1	68,4	-33,7	83,2	69,6	-16,3
-Knitted, crocheted articles	0,2	112,1	116,0	114,7	-1,1	112,7	114,8	1,9
-Wearing apparel	2,1	110,5	116,4	91,3	-21,6	105,0	91,8	-12,6
-Leather and leather products	0,6	101,3	110,2	76,1	-30,9	70,9	76,3	7,6
-Footwear	0,4	111,6	109,4	93,5	-14,5	106,0	103,1	-2,7
Wood and wood products, paper, publishing and printing	10,2	108,3	104,0	85,7	-17,6	98,2	92,7	-5,6
-Sawmilling and planing of wood	0,7	95,7	102,9	61,1	-40,6	71,5	66,0	-7,7
-Products of wood	1,3	103,5	109,6	87,0	-20,6	93,5	92,3	-1,3
-Paper and paper products	3,8	121,8	117,9	97,9	-17,0	112,5	104,2	-7,4
-Publishing	1,9	105,9	95,9	84,0	-12,4	94,8	93,0	-1,9
-Printing, recorded media	2,5	95,5	86,1	74,4	-13,6	88,8	82,6	-7,0
Petroleum, chemical products, rubber and plastic products	22,1	117,9	120,1	101,9	-15,2	104,9	104,8	-0,1
-Coke, petroleum products and nuclear fuel	8,5	95,8	101,9	97,8	-4,0	86,4	96,3	11,5
-Basic chemicals	4,5	152,5	150,6	102,3	-32,1	114,3	108,7	-4,9
-Other chemical products	5,3	119,2	119,3	96,3	-19,3	113,1	101,6	-10,2
-Rubber products	1,0	91,0	99,9	78,0	-21,9	79,7	80,6	1,1
-Plastic products	2,7	137,3	135,5	133,8	-1,3	140,2	140,3	0,1
Glass and non-metallic mineral products	4,8	110,4	114,8	91,8	-20,0	100,6	95,2	-5,4
-Glass and glass products	1,0	123,1	114,8	102,4	-10,8	128,8	110,5	-14,2
-Non-metallic mineral products	3,8	107,2	114,8	89,2	-22,3	93,5	91,3	-2,4
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	105,6	107,1	78,8	-26,4	82,8	83,7	1,1
-Basic iron and steel products	7,7	94,8	103,5	61,3	-40,8	55,5	62,2	12,1
-Non-ferrous metal products	3,4	102,8	103,6	89,3	-13,8	93,7	91,8	-2,0
-Structural metal products	2,0	124,2	118,5	97,7	-17,6	102,1	106,3	4,1
-Other fabricated metal products	3,8	125,8	123,5	106,3	-13,9	111,2	113,3	1,9
-General purpose machinery	2,4	93,4	96,7	67,8	-29,9	74,5	71,5	-4,0
-Special purpose machinery	3,1	108,8	100,5	71,4	-29,0	94,1	84,9	-9,8
-Household appliances	0,6	104,4	108,2	88,9	-17,8	102,4	96,7	-5,6
Electrical machinery	2,5	124,9	123,1	118,0	-4,1	127,5	125,7	-1,4
Radio, television and communication apparatus and professional equipment	1,1	106,0	102,9	85,4	-17,0	102,5	94,0	-8,3
-Radio, television and communication apparatus	0,4	117,6	120,5	90,1	-25,2	99,2	100,8	1,6
-Professional equipment	0,7	98,6	91,8	82,5	-10,1	104,6	89,7	-14,2
Motor vehicles, parts and accessories and other transport equipment	10,9	105,8	121,3	61,9	-49,0	75,9	67,6	-10,9
-Motor vehicles	4,9	99,7	107,5	46,4	-56,8	69,2	55,5	-19,8
-Bodies for motor vehicles, trailers and semi-trailers	0,5	151,1	154,3	97,2	-37,0	106,5	99,9	-6,2
-Parts and accessories	4,7	105,4	132,1	64,4	-51,2	70,3	66,1	-6,0
-Other transport equipment	0,9	116,9	123,1	112,4	-8,7	123,2	121,1	-1,7
Furniture and other manufacturing division	5,2	118,2	106,0	73,0	-31,1	96,6	92,5	-4,2
-Furniture	1,3	106,3	100,9	84,1	-16,7	90,1	92,5	2,7
-Other manufacturing groups	3,9	122,2	107,6	69,3	-35,6	98,8	92,5	-6,4
Total	100,0	110,6	111,8	87,7	-21,6	96,0	93,6	-2,5

1/ Preliminary.

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

Month	2003	2004	2005	2006	2007	2008	2009
Jan	54 362 254	55 071 330	57 996 123	64 189 094	77 735 488	87 264 599	82 618 666
Feb	61 989 347	64 229 244	66 760 165	71 388 922	88 795 001	103 240 425	1/ 93 612 439
Mar	64 510 085	69 915 271	71 125 524	79 202 703	95 108 539	108 981 724	1/ 100 698 748
Apr	60 355 639	62 938 714	69 852 309	70 995 969	85 951 025	111 471 587	1/ 87 127 958
May	62 025 293	68 680 038	71 871 060	79 802 545	96 506 978	114 469 290	
Jun	62 591 404	68 432 062	73 140 542	83 059 482	93 559 142	118 895 452	
Jul	63 121 052	68 962 693	73 306 407	84 166 082	94 457 875	122 517 062	
Aug	63 133 885	69 723 627	75 677 432	87 784 628	99 753 483	120 621 090	
Sep	64 724 012	72 859 146	78 504 917	89 792 711	95 566 455	120 173 361	
Oct	69 446 223	75 511 320	78 553 072	94 992 441	108 206 596	126 147 134	
Nov	68 158 470	77 784 326	82 083 555	98 270 280	110 644 228	117 691 220	
Dec	57 772 435	63 593 769	69 817 622	78 806 146	87 539 378	92 487 832	
Year	752 190 099	817 701 540	868 688 728	982 451 003	1 133 824 188	1 343 960 776	

1/ Preliminary.

Table 6 – Annual percentage change in the value of sales of the manufacturing industry: Total

Month	2003	2004	2005	2006	2007	2008	2009
Jan	-	1,3	5,3	10,7	21,1	12,3	-5,3
Feb	-	3,6	3,9	6,9	24,4	16,3	-9,3
Mar	-	8,4	1,7	11,4	20,1	14,6	-7,6
Apr	-	4,3	11,0	1,6	21,1	29,7	-21,8
May	-	10,7	4,6	11,0	20,9	18,6	
Jun	-	9,3	6,9	13,6	12,6	27,1	
Jul	-	9,3	6,3	14,8	12,2	29,7	
Aug	-	10,4	8,5	16,0	13,6	20,9	
Sep	-	12,6	7,7	14,4	6,4	25,7	
Oct	-	8,7	4,0	20,9	13,9	16,6	
Nov	-	14,1	5,5	19,7	12,6	6,4	
Dec	-	10,1	9,8	12,9	11,1	5,7	
Year	-	8,7	6,2	13,1	15,4	18,5	

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	2003	2004	2005	2006	2007	2008	2009
Jan	64 446 361	65 073 204	68 603 822	75 906 692	91 703 520	102 546 123	97 581 509
Feb	63 981 310	66 569 132	69 352 536	74 320 996	92 548 784	107 963 098	97 764 274
Mar	62 541 878	68 112 445	69 403 797	77 483 740	92 979 128	106 994 496	98 993 320
Apr	63 869 128	66 472 356	74 123 246	75 589 902	91 501 659	118 482 229	92 812 701
May	61 612 961	68 282 607	71 559 056	79 490 925	96 075 396	113 716 477	
Jun	61 913 558	67 817 542	72 485 174	82 155 891	92 347 773	117 293 572	
Jul	62 865 857	68 354 329	72 365 045	82 795 615	92 841 873	119 915 779	
Aug	61 875 465	67 962 904	73 314 627	84 563 373	95 870 028	115 524 520	
Sep	61 933 038	69 465 473	74 569 101	85 231 330	90 910 859	114 393 473	
Oct	63 269 791	68 846 294	71 529 105	86 445 432	98 335 681	114 621 471	
Nov	61 303 612	70 009 425	73 573 116	88 350 257	99 547 147	105 929 724	
Dec	63 253 964	69 874 378	77 358 874	88 303 776	98 213 844	103 036 312	

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

Manufacturing divisions and major groups	Year 2008	Actual values			Seasonally adjusted values		
		April 2008	1/ March 2009	1/ April 2009	April 2008	March 2009	April 2009
Food and beverages	232 023 026	18 411 826	20 247 077	19 058 470	19 334 217	20 289 952	20 014 285
-Meat, fish, fruit, etc.	60 076 273	4 955 423	5 531 740	5 081 217	5 172 077	5 278 537	5 299 485
-Dairy products	19 078 729	1 495 218	1 608 676	1 534 464	1 578 422	1 566 081	1 624 817
-Grain mill products	46 802 248	3 683 525	4 090 515	3 619 195	3 817 523	4 065 929	3 764 066
-Other food products	49 467 398	4 009 502	4 266 283	4 145 428	4 107 794	4 601 235	4 241 872
-Beverages	56 598 378	4 268 158	4 749 863	4 678 166	4 658 401	4 778 169	5 084 044
Textiles, clothing, leather and footwear	41 798 562	3 551 780	3 373 275	2 961 069	3 641 076	3 150 963	3 042 405
-Textiles	6 554 752	548 560	582 508	486 581	557 621	522 095	497 893
-Other textile products	10 229 135	863 022	758 212	643 055	909 656	696 865	679 950
-Knitted, crocheted articles	1 975 538	169 221	188 518	164 245	169 952	166 672	165 082
-Wearing apparel	15 198 176	1 316 966	1 240 583	1 114 334	1 325 444	1 185 510	1 122 623
-Leather and leather products	4 318 960	385 957	321 494	294 419	388 191	292 988	296 074
-Footwear	3 522 001	268 054	281 960	258 435	290 212	286 833	280 783
Wood and wood products, paper, publishing and printing	111 176 443	8 880 737	9 169 412	7 813 405	9 762 443	8 943 633	8 626 702
-Sawmilling and planing of wood	8 071 856	739 499	554 543	457 520	776 377	527 620	482 733
-Products of wood	18 611 025	1 608 547	1 405 990	1 317 309	1 710 688	1 426 678	1 403 151
-Paper and paper products	48 620 414	3 773 691	4 100 116	3 468 872	4 234 072	3 990 953	3 896 318
-Publishing	15 058 581	1 128 768	1 260 296	1 080 727	1 240 802	1 227 659	1 191 844
-Printing, recorded media	20 814 567	1 630 232	1 848 467	1 488 977	1 800 504	1 770 724	1 652 656
Petroleum, chemical products, rubber and plastic products	318 096 334	25 691 808	22 125 183	20 579 556	26 864 620	22 155 578	21 592 715
-Coke, petroleum products and nuclear fuel	125 107 924	10 500 921	6 680 478	7 021 015	10 700 361	6 964 197	7 144 617
-Basic chemicals	75 968 815	5 769 740	4 924 325	4 331 371	6 150 280	5 056 006	4 620 811
-Other chemical products	63 051 694	5 104 624	5 642 975	4 794 007	5 408 374	5 362 396	5 090 676
-Rubber products	11 785 950	1 028 576	1 093 042	876 961	1 087 275	993 364	929 362
-Plastic products	42 181 951	3 287 947	3 784 363	3 556 202	3 518 331	3 779 615	3 807 248
Glass and non-metallic mineral products	36 055 584	3 069 947	3 028 653	2 597 902	3 337 855	2 948 234	2 831 743
-Glass and glass products	6 472 067	499 720	522 873	464 676	558 515	561 700	521 246
-Non-metallic mineral products	29 583 517	2 570 227	2 505 780	2 133 226	2 779 340	2 386 534	2 310 497
Basic iron and steel, non-ferrous metal products, metal products and machinery	297 763 034	25 120 300	19 769 664	16 164 847	26 465 555	19 361 227	17 207 157
-Basic iron and steel products	125 939 060	11 342 651	6 412 752	5 065 645	11 539 994	6 667 245	5 160 928
-Non-ferrous metal products	42 264 456	3 428 262	2 631 961	2 568 120	3 505 083	2 614 271	2 625 876
-Structural metal products	24 132 393	1 981 140	1 970 481	1 548 927	2 235 844	1 878 019	1 762 454
-Other fabricated metal products	44 958 326	3 665 023	3 686 945	3 177 459	3 914 147	3 589 777	3 399 910
-General purpose machinery	23 087 802	1 862 171	1 717 268	1 528 763	1 968 631	1 696 561	1 621 540
-Special purpose machinery	27 929 392	2 054 886	2 505 740	1 583 866	2 469 495	2 125 671	1 903 017
-Household appliances	9 451 605	786 167	844 517	692 067	832 361	789 684	733 431
-Electrical machinery	39 726 613	3 291 933	3 304 111	3 013 350	3 461 185	3 158 597	3 190 536
Radio, television and communication apparatus and professional equipment	14 007 573	1 082 212	1 151 201	1 015 931	1 187 973	1 096 335	1 114 026
-Radio, television and communication apparatus	6 461 304	491 658	482 330	430 227	546 603	458 620	477 369
-Professional equipment	7 546 269	590 554	668 871	585 704	641 370	637 715	636 657
Motor vehicles, parts and accessories and other transport equipment	191 944 736	17 373 729	13 744 648	9 476 986	19 070 213	12 675 975	10 404 618
-Motor vehicles	94 941 676	8 033 625	7 199 700	4 095 472	9 459 986	6 643 602	4 847 281
-Bodies for motor vehicles, trailers and semi-trailers	10 529 036	914 149	708 612	651 037	976 743	701 337	694 664
-Parts and accessories	71 558 417	7 195 519	4 279 793	3 518 052	7 327 358	3 973 597	3 578 853
-Other transport equipment	14 915 607	1 230 436	1 556 543	1 212 425	1 306 125	1 357 439	1 283 821
Furniture and other manufacturing division	61 368 871	4 997 315	4 785 524	4 446 442	5 357 092	5 212 825	4 788 514
-Furniture	13 761 092	1 057 772	944 889	952 151	1 155 825	1 023 220	1 041 599
-Other manufacturing groups	47 607 779	3 939 543	3 840 635	3 494 291	4 201 267	4 189 605	3 746 916
Total	1 343 960 776	111 471 587	100 698 748	87 127 958	118 482 229	98 993 320	92 812 701

1/ Preliminary.

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

Manufacturing divisions and major groups	Year 2008	Value of sales			Seasonally adjusted value of sales		
		April 2008	1/ April 2009	Percentage change between April 2008 and April 2009	March 2009	April 2009	Percentage change between March and April 2009
Food and beverages	232 023 026	18 411 826	19 058 470	3,5	20 289 952	20 014 285	-1,4
-Meat, fish, fruit, etc.	60 076 273	4 955 423	5 081 217	2,5	5 278 537	5 299 485	0,4
-Dairy products	19 078 729	1 495 218	1 534 464	2,6	1 566 081	1 624 817	3,8
-Grain mill products	46 802 248	3 683 525	3 619 195	-1,7	4 065 929	3 764 066	-7,4
-Other food products	49 467 398	4 009 502	4 145 428	3,4	4 601 235	4 241 872	-7,8
-Beverages	56 598 378	4 268 158	4 678 166	9,6	4 778 169	5 084 044	6,4
Textiles, clothing, leather and footwear	41 798 562	3 551 780	2 961 069	-16,6	3 150 963	3 042 405	-3,4
-Textiles	6 554 752	548 560	486 581	-11,3	522 095	497 893	-4,6
-Other textile products	10 229 135	863 022	643 055	-25,5	696 865	679 950	-2,4
-Knitted, crocheted articles	1 975 538	169 221	164 245	-2,9	166 672	165 082	-1,0
-Wearing apparel	15 198 176	1 316 966	1 114 334	-15,4	1 185 510	1 122 623	-5,3
-Leather and leather products	4 318 960	385 957	294 419	-23,7	292 988	296 074	1,1
-Footwear	3 522 001	268 054	258 435	-3,6	286 833	280 783	-2,1
Wood and wood products, paper, publishing and printing	111 176 443	8 880 737	7 813 405	-12,0	8 943 633	8 626 702	-3,5
-Sawmilling and planing of wood	8 071 856	739 499	457 520	-38,1	527 620	482 733	-8,5
-Products of wood	18 611 025	1 608 547	1 317 309	-18,1	1 426 678	1 403 151	-1,6
-Paper and paper products	48 620 414	3 773 691	3 468 872	-8,1	3 990 953	3 896 318	-2,4
-Publishing	15 058 581	1 128 768	1 080 727	-4,3	1 227 659	1 191 844	-2,9
-Printing, recorded media	20 814 567	1 630 232	1 488 977	-8,7	1 770 724	1 652 656	-6,7
Petroleum, chemical products, rubber and plastic products	318 096 334	25 691 808	20 579 556	-19,9	22 155 578	21 592 715	-2,5
-Coke, petroleum products and nuclear fuel	125 107 924	10 500 921	7 021 015	-33,1	6 964 197	7 144 617	2,6
-Basic chemicals	75 968 815	5 769 740	4 331 371	-24,9	5 056 006	4 620 811	-8,6
-Other chemical products	63 051 694	5 104 624	4 794 007	-6,1	5 362 396	5 090 676	-5,1
-Rubber products	11 785 950	1 028 576	876 961	-14,7	993 364	929 362	-6,4
-Plastic products	42 181 951	3 287 947	3 556 202	8,2	3 779 615	3 807 248	0,7
Glass and non-metallic mineral products	36 055 584	3 069 947	2 597 902	-15,4	2 948 234	2 831 743	-4,0
-Glass and glass products	6 472 067	499 720	464 676	-7,0	561 700	521 246	-7,2
-Non-metallic mineral products	29 583 517	2 570 227	2 133 226	-17,0	2 386 534	2 310 497	-3,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	297 763 034	25 120 300	16 164 847	-35,7	19 361 227	17 207 157	-11,1
-Basic iron and steel products	125 939 060	11 342 651	5 065 645	-55,3	6 667 245	5 160 928	-22,6
-Non-ferrous metal products	42 264 456	3 428 262	2 568 120	-25,1	2 614 271	2 625 876	0,4
-Structural metal products	24 132 393	1 981 140	1 548 927	-21,8	1 878 019	1 762 454	-6,2
-Other fabricated metal products	44 958 326	3 665 023	3 177 459	-13,3	3 589 777	3 399 910	-5,3
-General purpose machinery	23 087 802	1 862 171	1 528 763	-17,9	1 696 561	1 621 540	-4,4
-Special purpose machinery	27 929 392	2 054 886	1 583 866	-22,9	2 125 671	1 903 017	-10,5
-Household appliances	9 451 605	786 167	692 067	-12,0	789 684	733 431	-7,1
Electrical machinery	39 726 613	3 291 933	3 013 350	-8,5	3 158 597	3 190 536	1,0
Radio, television and communication apparatus and professional equipment	14 007 573	1 082 212	1 015 931	-6,1	1 096 335	1 114 026	1,6
-Radio, television and communication apparatus	6 461 304	491 658	430 227	-12,5	458 620	477 369	4,1
-Professional equipment	7 546 269	590 554	585 704	-0,8	637 715	636 657	-0,2
Motor vehicles, parts and accessories and other transport equipment	191 944 736	17 373 729	9 476 986	-45,5	12 675 975	10 404 618	-17,9
-Motor vehicles	94 941 676	8 033 625	4 095 472	-49,0	6 643 602	4 847 281	-27,0
-Bodies for motor vehicles, trailers and semi-trailers	10 529 036	914 149	651 037	-28,8	701 337	694 664	-1,0
-Parts and accessories	71 558 417	7 195 519	3 518 052	-51,1	3 973 597	3 578 853	-9,9
-Other transport equipment	14 915 607	1 230 436	1 212 425	-1,5	1 357 439	1 283 821	-5,4
Furniture and other manufacturing division	61 368 871	4 997 315	4 446 442	-11,0	5 212 825	4 788 514	-8,1
-Furniture	13 761 092	1 057 772	952 151	-10,0	1 023 220	1 041 599	1,8
-Other manufacturing groups	47 607 779	3 939 543	3 494 291	-11,3	4 189 605	3 746 916	-10,6
Total	1 343 960 776	111 471 587	87 127 958	-21,8	98 993 320	92 812 701	-6,2

1/ Preliminary.

Table 9 – Percentage change between the current quarter and the corresponding quarter of the previous year in the physical volume of manufacturing production and sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Indices (base 2005=100)			Value of sales (R '000)		
		February to April 2008	February to April 2009	Annual percentage change between February to April 2008 and February to April 2009	February to April 2008	February to April 2009	Annual percentage change between February to April 2008 and February to April 2009
Food and beverages	15,4	103,2	102,6	-0,6	53 809 638	58 071 164	7,9
-Meat, fish, fruit, etc.	1,8	112,4	107,9	-4,0	14 202 685	15 420 814	8,6
-Dairy products	0,8	106,8	105,3	-1,4	4 558 558	4 706 723	3,3
-Grain mill products	0,8	104,6	105,2	0,6	10 519 495	11 256 514	7,0
-Other food products	5,2	93,8	93,2	-0,6	11 157 268	12 654 405	13,4
-Beverages	6,8	107,4	107,7	0,3	13 371 632	14 032 708	4,9
Textiles, clothing, leather and footwear	4,9	110,8	92,4	-16,6	10 793 888	9 488 938	-12,1
-Textiles	0,7	96,5	83,6	-13,4	1 644 771	1 609 565	-2,1
-Other textile products	0,9	105,4	82,2	-22,0	2 699 917	2 147 602	-20,5
-Knitted, crocheted articles	0,2	122,4	116,5	-4,8	530 709	512 598	-3,4
-Wearing apparel	2,1	116,2	100,6	-13,4	3 910 988	3 490 607	-10,7
-Leather and leather products	0,6	114,9	78,6	-31,6	1 217 866	925 344	-24,0
-Footwear	0,4	106,9	99,1	-7,3	789 637	803 222	1,7
Wood and wood products, paper, publishing and printing	10,2	105,9	93,1	-12,1	26 418 553	25 494 071	-3,5
-Sawmilling and planing of wood	0,7	100,1	72,4	-27,7	2 131 788	1 508 138	-29,3
-Products of wood	1,3	105,9	90,6	-14,4	4 657 298	4 095 674	-12,1
-Paper and paper products	3,8	115,3	103,5	-10,2	11 056 700	11 303 123	2,2
-Publishing	1,9	107,3	91,8	-14,4	3 658 301	3 551 836	-2,9
-Printing, recorded media	2,5	91,9	85,2	-7,3	4 914 466	5 035 300	2,5
Petroleum, chemical products, rubber and plastic products	22,1	115,4	102,5	-11,2	72 215 097	63 947 778	-11,4
-Coke, petroleum products and nuclear fuel	8,5	96,3	89,3	-7,3	28 469 480	20 154 224	-29,2
-Basic chemicals	4,5	144,4	106,2	-26,5	16 536 306	14 356 063	-13,2
-Other chemical products	5,3	115,2	108,0	-6,3	14 658 854	15 574 154	6,2
-Rubber products	1,0	97,1	81,4	-16,2	2 986 925	2 940 440	-1,6
-Plastic products	2,7	134,0	135,0	0,7	9 563 532	10 922 897	14,2
Glass and non-metallic mineral products	4,8	110,5	95,3	-13,8	8 802 388	8 505 552	-3,4
-Glass and glass products	1,0	115,0	116,3	1,1	1 465 106	1 575 487	7,5
-Non-metallic mineral products	3,8	109,3	90,0	-17,7	7 337 282	6 930 065	-5,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	109,0	82,4	-24,4	72 329 084	53 892 749	-25,5
-Basic iron and steel products	7,7	101,5	56,9	-43,9	30 904 262	17 185 606	-44,4
-Non-ferrous metal products	3,4	103,6	91,7	-11,5	10 105 413	7 792 095	-22,9
-Structural metal products	2,0	123,5	101,9	-17,5	5 748 830	5 268 258	-8,4
-Other fabricated metal products	3,8	124,1	111,9	-9,8	10 333 899	10 195 229	-1,3
-General purpose machinery	2,4	97,6	71,8	-26,4	5 611 617	4 880 948	-13,0
-Special purpose machinery	3,1	114,9	91,6	-20,3	7 205 461	6 227 116	-13,6
-Household appliances	0,6	109,5	102,2	-6,7	2 419 602	2 343 497	-3,1
Electrical machinery	2,5	126,6	126,4	-0,2	10 073 287	9 446 682	-6,2
Radio, television and communication apparatus and professional equipment	1,1	104,0	93,9	-9,7	3 403 153	3 258 880	-4,2
-Radio, television and communication apparatus	0,4	118,8	98,9	-16,8	1 549 821	1 372 816	-11,4
-Professional equipment	0,7	94,7	90,7	-4,2	1 853 332	1 886 064	1,8
Motor vehicles, parts and accessories and other transport equipment	10,9	117,0	72,6	-37,9	51 080 993	35 029 452	-31,4
-Motor vehicles	4,9	105,6	64,9	-38,5	24 522 793	17 426 227	-28,9
-Bodies for motor vehicles, trailers and semi-trailers	0,5	149,1	105,1	-29,5	2 565 621	2 020 910	-21,2
-Parts and accessories	4,7	123,5	66,9	-45,8	20 192 697	11 559 838	-42,8
-Other transport equipment	0,9	128,8	124,5	-3,3	3 799 882	4 022 477	5,9
Furniture and other manufacturing division	5,2	111,5	92,4	-17,1	14 767 655	14 303 879	-3,1
-Furniture	1,3	101,6	86,2	-15,2	3 171 786	2 911 799	-8,2
-Other manufacturing groups	3,9	114,8	94,4	-17,8	11 595 869	11 392 080	-1,8
Total	100,0	110,8	92,8	-16,2	323 693 736	281 439 145	-13,1

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 2005=100)				Value of sales (R million)			
		Jan. to Apr. 2008	Jan. to Apr. 2009	Annual percentage change between 2008 and 2009	Contribution (percentage points)	Jan. to Apr. 2008	Jan. to Apr. 2009	Annual percentage change between 2008 and 2009	Difference in sales between 2008 and 2009
Food and beverages	15,4	100,1	100,7	0,6	0,1	69 253	75 694	9,3	6 441
-Meat, fish, fruit, etc.	1,8	107,0	103,9	-2,9	-0,1	18 082	19 828	9,7	1 746
-Dairy products	0,8	108,0	106,4	-1,5	0,0	6 065	6 317	4,2	252
-Grain mill products	0,8	103,3	103,5	0,2	0,0	13 727	14 842	8,1	1 115
-Other food products	5,2	89,5	90,1	0,7	0,0	14 318	16 442	14,8	2 124
-Beverages	6,8	105,0	107,0	1,9	0,1	17 060	18 265	7,1	1 205
Textiles, clothing, leather and footwear	4,9	102,2	87,4	-14,5	-0,7	13 228	11 815	-10,7	-1 413
-Textiles	0,7	89,9	79,7	-11,3	-0,1	2 029	1 999	-1,5	-30
-Other textile products	0,9	98,2	76,4	-22,2	-0,2	3 318	2 658	-19,9	-660
-Knitted, crocheted articles	0,2	107,2	106,1	-1,0	0,0	632	621	-1,7	-11
-Wearing apparel	2,1	106,1	95,2	-10,3	-0,2	4 742	4 372	-7,8	-370
-Leather and leather products	0,6	111,8	77,1	-31,0	-0,2	1 559	1 187	-23,9	-372
-Footwear	0,4	94,7	92,2	-2,6	0,0	947	978	3,3	31
Wood and wood products, paper, publishing and printing	10,2	101,8	91,2	-10,4	-1,1	33 582	33 117	-1,4	-465
-Sawmilling and planing of wood	0,7	95,0	72,4	-23,8	-0,2	2 670	2 021	-24,3	-649
-Products of wood	1,3	100,3	88,3	-12,0	-0,2	5 814	5 384	-7,4	-430
-Paper and paper products	3,8	111,9	102,8	-8,1	-0,3	14 260	14 717	3,2	457
-Publishing	1,9	103,5	89,9	-13,1	-0,2	4 687	4 613	-1,6	-74
-Printing, recorded media	2,5	87,9	81,0	-7,8	-0,2	6 150	6 382	3,8	232
Petroleum, chemical products, rubber and plastic products	22,1	112,6	102,5	-9,0	-2,0	92 486	84 314	-8,8	-8 172
-Coke, petroleum products and nuclear fuel	8,5	97,7	92,0	-5,8	-0,5	37 009	27 444	-25,8	-9 565
-Basic chemicals	4,5	138,6	106,0	-23,5	-1,1	21 081	18 901	-10,3	-2 180
-Other chemical products	5,3	109,7	105,8	-3,6	-0,2	18 510	20 150	8,9	1 640
-Rubber products	1,0	91,9	79,5	-13,5	-0,1	3 676	3 707	0,8	31
-Plastic products	2,7	129,5	130,8	1,0	0,0	12 209	14 112	15,6	1 903
Glass and non-metallic mineral products	4,8	107,4	92,1	-14,2	-0,7	11 103	10 864	-2,2	-239
-Glass and glass products	1,0	111,7	113,2	1,3	0,0	1 880	2 023	7,6	143
-Non-metallic mineral products	3,8	106,3	86,9	-18,3	-0,7	9 222	8 841	-4,1	-381
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	106,8	80,0	-25,1	-5,7	92 278	69 901	-24,2	-22 377
-Basic iron and steel products	7,7	101,7	54,6	-46,3	-3,6	39 821	22 339	-43,9	-17 482
-Non-ferrous metal products	3,4	103,3	91,2	-11,7	-0,4	12 878	10 236	-20,5	-2 642
-Structural metal products	2,0	116,9	94,5	-19,2	-0,4	7 090	6 587	-7,1	-503
-Other fabricated metal products	3,8	118,0	107,4	-9,0	-0,3	12 950	13 169	1,7	219
-General purpose machinery	2,4	95,5	71,1	-25,5	-0,6	7 171	6 396	-10,8	-775
-Special purpose machinery	3,1	112,6	91,5	-18,7	-0,6	9 305	8 166	-12,2	-1 139
-Household appliances	0,6	103,8	98,8	-4,8	0,0	3 063	3 007	-1,8	-56
Electrical machinery	2,5	117,4	120,2	2,4	0,1	12 412	11 958	-3,7	-454
Radio, television and communication apparatus and professional equipment	1,1	99,0	89,1	-10,0	-0,1	4 324	4 149	-4,0	-175
-Radio, television and communication apparatus	0,4	110,2	96,6	-12,3	0,0	1 948	1 733	-11,0	-215
-Professional equipment	0,7	91,9	84,4	-8,2	-0,1	2 376	2 416	1,7	40
Motor vehicles, parts and accessories and other transport equipment	10,9	111,7	69,6	-37,7	-4,1	63 550	44 474	-30,0	-19 076
-Motor vehicles	4,9	99,5	62,2	-37,5	-1,8	29 941	21 832	-27,1	-8 109
-Bodies for motor vehicles, trailers and semi-trailers	0,5	138,7	99,3	-28,4	-0,1	3 135	2 516	-19,7	-619
-Parts and accessories	4,7	120,0	64,2	-46,5	-2,2	25 737	14 917	-42,0	-10 820
-Other transport equipment	0,9	121,0	120,8	-0,2	0,0	4 738	5 208	9,9	470
Furniture and other manufacturing division	5,2	107,9	88,0	-18,4	-1,0	18 743	17 772	-5,2	-971
-Furniture	1,3	91,8	79,6	-13,3	-0,2	3 809	3 589	-5,8	-220
-Other manufacturing groups	3,9	113,2	90,8	-19,8	-0,8	14 934	14 182	-5,0	-752
Total	100,0	107,1	90,6	-15,4	-15,4	410 958	364 058	-11,4	-46 900

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 2005. 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 April 2009 was 88,5%. Improved response rate for March 2009 was 91,1%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

Survey methodology and design

- 11 The survey is conducted monthly. Questionnaires are sent to a sample of approximately 3 000 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 3 042 enterprises, which was drawn in April 2008 from a population then of 56 553 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 1998 to 2000, the weights are based on the 1996 Census of Manufacturing. For the period 2001 to 2004, the weights are based on the 2001 large sample survey of the manufacturing industry (LSS) and for the period 2005 to 2009, the weights are based on the 2005 LSS. Weights between census / LSS 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 three periods 1998 to 2000, 2001 to 2004 and 2005 to 2009).

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	12 500 000
Small	12 500 001	32 500 000
Medium	32 500 001	127 500 000
Large	127 500 001	

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 2005 large sample survey of the manufacturing industry 2005 - 2009	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2004	Weights according to the 1996 census of manufacturing 1998 - 2000
Food and beverages	15,4	16,4	15,3
Meat, fish, fruit, etc.	1,8	2,6	2,8
Dairy products	0,8	1,1	1,4
Grain mill products	0,8	1,5	2,1
Other food products	5,2	6,8	4,4
Beverages	6,8	4,3	4,6
Textiles, clothing, leather and footwear	4,9	5,4	7,8
Textiles	0,7	1,2	1,7
Other textile products	0,9	1,2	1,2
Knitted, crocheted articles	0,2	0,3	0,6
Wearing apparel	2,1	2,0	3,0
Tanning, dressing of leather	0,6	0,3	0,4
Footwear	0,4	0,4	0,9
Wood and wood products, paper, publishing and printing	10,2	11,0	11,4
Sawmilling and planing of wood	0,7	0,7	0,8
Products of wood	1,3	1,0	1,2
Paper and paper products	3,8	4,8	5,3
Publishing	1,9	2,4	1,5
Printing, recorded media	2,5	2,1	2,6
Petroleum, chemical products, rubber and plastic products	22,1	22,5	19,3
Petroleum products	8,5	9,1	4,2
Basic chemicals	4,5	4,0	4,5
Other chemical products	5,3	5,4	6,2
Rubber products	1,0	1,1	1,4
Plastic products	2,7	3,0	3,1
Glass and non-metallic mineral products	4,8	3,9	4,5
Glass and glass products	1,0	1,1	1,0
Non-metallic mineral products	3,8	2,9	3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	22,4	23,6
Basic iron and steel products	7,7	5,5	7,6
Non-ferrous metal products	3,4	4,7	3,2
Structural metal products	2,0	1,3	2,4
Other fabricated metal products	3,8	4,2	4,6
General purpose machinery	2,4	2,4	2,5
Special purpose machinery	3,1	3,2	2,9
Household appliances	0,6	1,2	0,4
Electrical machinery	2,5	2,7	3,4
Radio, television and communication apparatus and professional equipment	1,1	1,3	1,5
Radio, television and communication apparatus	0,4	0,7	1,0
Professional equipment	0,7	0,6	0,5
Motor vehicles, parts and accessories and other transport equipment	10,9	8,6	9,1
Motor vehicles	4,9	4,1	4,5
Bodies for motor vehicles, trailers and semi-trailers	0,5	0,4	0,5
Parts and accessories	4,7	3,1	3,0
Other transport equipment	0,9	1,0	1,0
Other manufacturing divisions	5,2	5,8	4,1
Furniture	1,3	1,6	1,6
Other manufacturing groups	3,9	4,2	2,6
Total	100,0	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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