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Key figures for October 2010

Table A – Manufacturing production and sales

Estimates	October 2010	% change between October 2009 and October 2010	% change between August to October 2009 and August to October 2010	% change between January to October 2009 and January to October 2010
Physical volume of manufacturing production index (2005=100)	111,9	2,5	2,9	5,4
Total estimated sales of manufactured products (R million)	115 731	6,7	5,3	6,1

Seasonally adjusted estimates	October 2010	% change between September and October 2010	% change between May to July 2010 and August to October 2010
Physical volume of manufacturing production index (2005=100)	99,6	1,2	-3,2
Total value of sales of manufactured products (R million)	104 235	2,9	-2,0

Manufacturing production increased by 2,5% in October 2010 compared with October 2009.

Manufacturing production rose by 2,5% year-on-year in October 2010. This increase was driven mainly by higher production in the motor vehicles, parts and accessories and other transport equipment division (21,3% and contributing 2,2 percentage points), the food and beverages division (6,0% and contributing 1,1 percentage points) and the wood and wood products, paper, publishing and printing division (7,0% and contributing 0,7 of a percentage point) (see Table 4b).

Seasonally adjusted manufacturing production decreased by 3,2% for the three months ended October 2010 compared with the previous three months ended July 2010. Seven of the ten manufacturing divisions reported negative growth rates over this period.

The decrease was driven mainly by lower production in the motor vehicles, parts and accessories and other transport equipment division (-12,5% and contributing -1,3 percentage points), the basic iron and steel, non-ferrous metal products, metal products and machinery division (-4,8% and contributing -1,0 percentage point) and the petroleum, chemical products, rubber and plastic products division (-2,3% and contributing -0,6 of a percentage point).

However, the food and beverages division reported an increase of 1,5% (contributing 0,3 of a percentage point) during the above-mentioned period (see Table B).

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

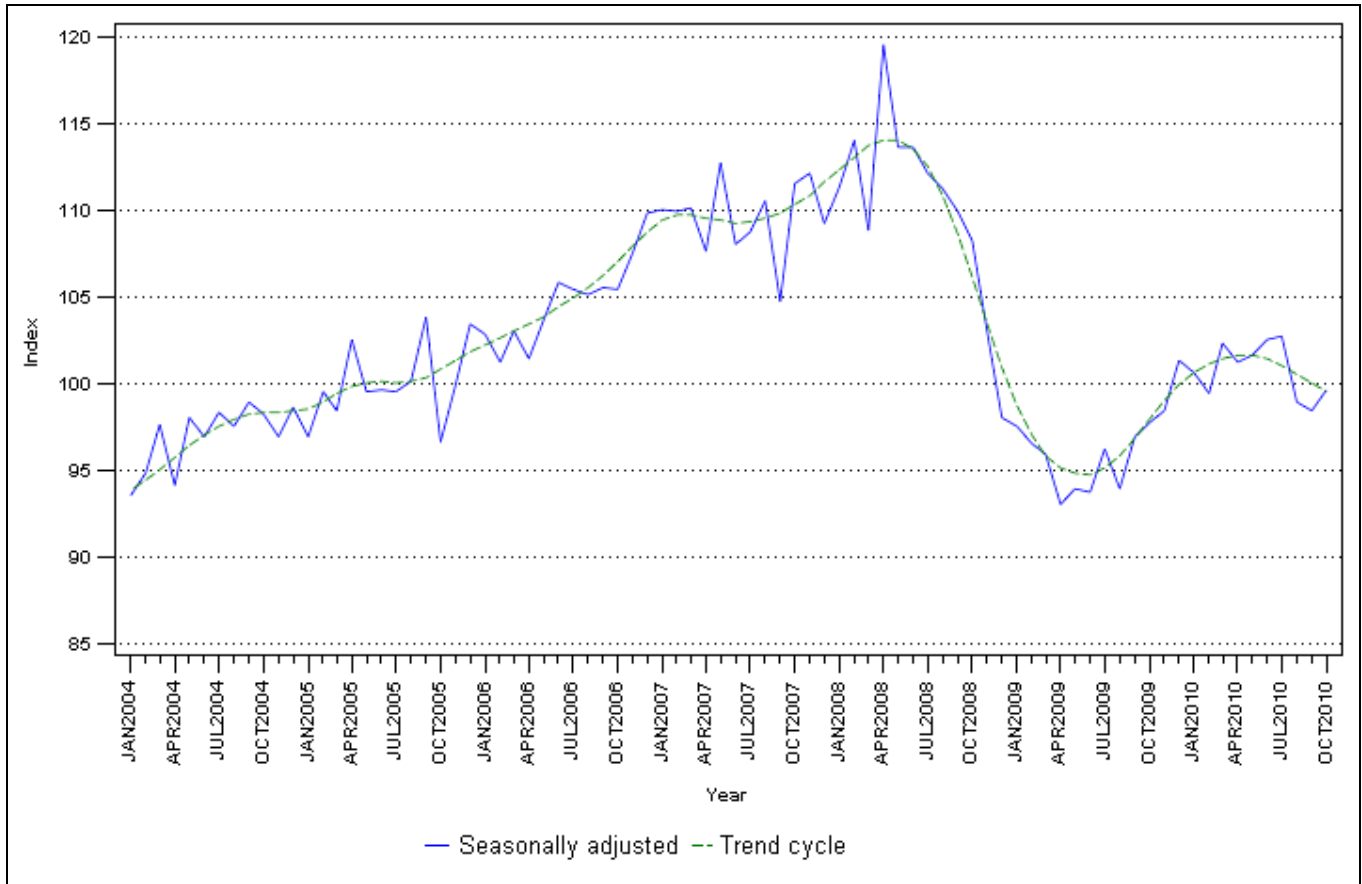
Base 2005=100

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 May to July 2010	Average seasonally adjusted production index for August to October 2010	Percentage change of August to October 2010 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted three-monthly percentage change in total manufacturing production 1/
Food and beverages	15,4	116,5	118,3	1,5	0,3
-Meat, fish, fruit, etc.	1,8	114,2	116,7	2,2	0,0
-Dairy products	0,8	111,0	113,6	2,3	0,0
-Grain mill products	0,8	110,9	114,7	3,4	0,0
-Other food products	5,2	119,7	120,7	0,8	0,1
-Beverages	6,8	116,1	117,8	1,5	0,1
Textiles, clothing, leather and footwear	4,9	84,8	81,1	-4,4	-0,2
-Textiles	1,6	70,1	67,1	-4,3	0,0
-Wearing apparel	2,3	88,3	86,5	-2,0	0,0
-Leather and leather products	0,6	94,4	81,2	-14,0	-0,1
-Footwear	0,4	106,1	104,1	-1,9	0,0
Wood and wood products, paper, publishing and printing	10,2	98,8	97,0	-1,8	-0,2
-Wood and products of wood	2,0	84,8	86,9	2,5	0,0
-Paper and paper products	3,8	114,9	114,6	-0,3	0,0
-Publishing and printing	4,3	90,9	85,9	-5,5	-0,2
Petroleum, chemical products, rubber and plastic products	22,1	114,3	111,7	-2,3	-0,6
-Coke, petroleum products and nuclear fuel	8,5	98,0	99,8	1,8	0,1
-Basic chemicals	4,5	132,9	118,9	-10,5	-0,6
-Other chemical products	5,3	116,1	116,5	0,3	0,0
-Rubber products	1,0	85,1	73,7	-13,4	-0,1
-Plastic products	2,7	141,1	140,7	-0,3	0,0
Glass and non-metallic mineral products	4,8	95,2	95,5	0,3	0,0
-Glass and glass products	1,0	120,7	124,8	3,4	0,0
-Non-metallic mineral products	3,8	88,9	88,1	-0,9	0,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,8	85,5	-4,8	-1,0
-Basic iron and steel products	7,7	81,0	70,5	-13,0	-0,8
-Basic precious, non-ferrous metal products	3,4	98,4	102,7	4,4	0,1
-Fabricated metal products	5,7	101,5	101,3	-0,2	0,0
-Machinery and equipment	6,1	85,2	79,7	-6,5	-0,3
Electrical machinery	2,5	126,9	127,0	0,1	0,0
Radio, television and communication apparatus and professional equipment	1,1	92,6	91,3	-1,4	0,0
-Radio, television and communication apparatus	0,4	87,9	82,5	-6,1	0,0
-Professional equipment	0,7	95,6	96,8	1,3	0,0
Motor vehicles, parts and accessories and other transport equipment	10,9	98,1	85,8	-12,5	-1,3
-Motor vehicles	4,9	89,6	71,9	-19,8	-0,8
-Bodies for motor vehicles, trailers and semi-trailers	0,5	123,9	113,9	-8,1	0,0
-Parts and accessories	4,7	100,3	87,6	-12,7	-0,6
-Other transport equipment	0,9	119,1	134,6	13,0	0,1
Furniture and other manufacturing division	5,2	92,2	87,0	-5,6	-0,3
-Furniture	1,3	93,4	91,7	-1,8	0,0
-Other manufacturing groups	3,9	91,8	85,4	-7,0	-0,2
Total	100,0	102,3	99,0	-3,2	-3,2

1/ The contribution (percentage points) of a major group or division to the total seasonally adjusted manufacturing production is calculated by multiplying the difference in the index of the major group or division by the weight of the major group or division and then dividing by the previous period total manufacturing index. Figures have been rounded off.

Figure 1 – Index of the physical volume of manufacturing production: 2004 – 2010

Base 2005=100



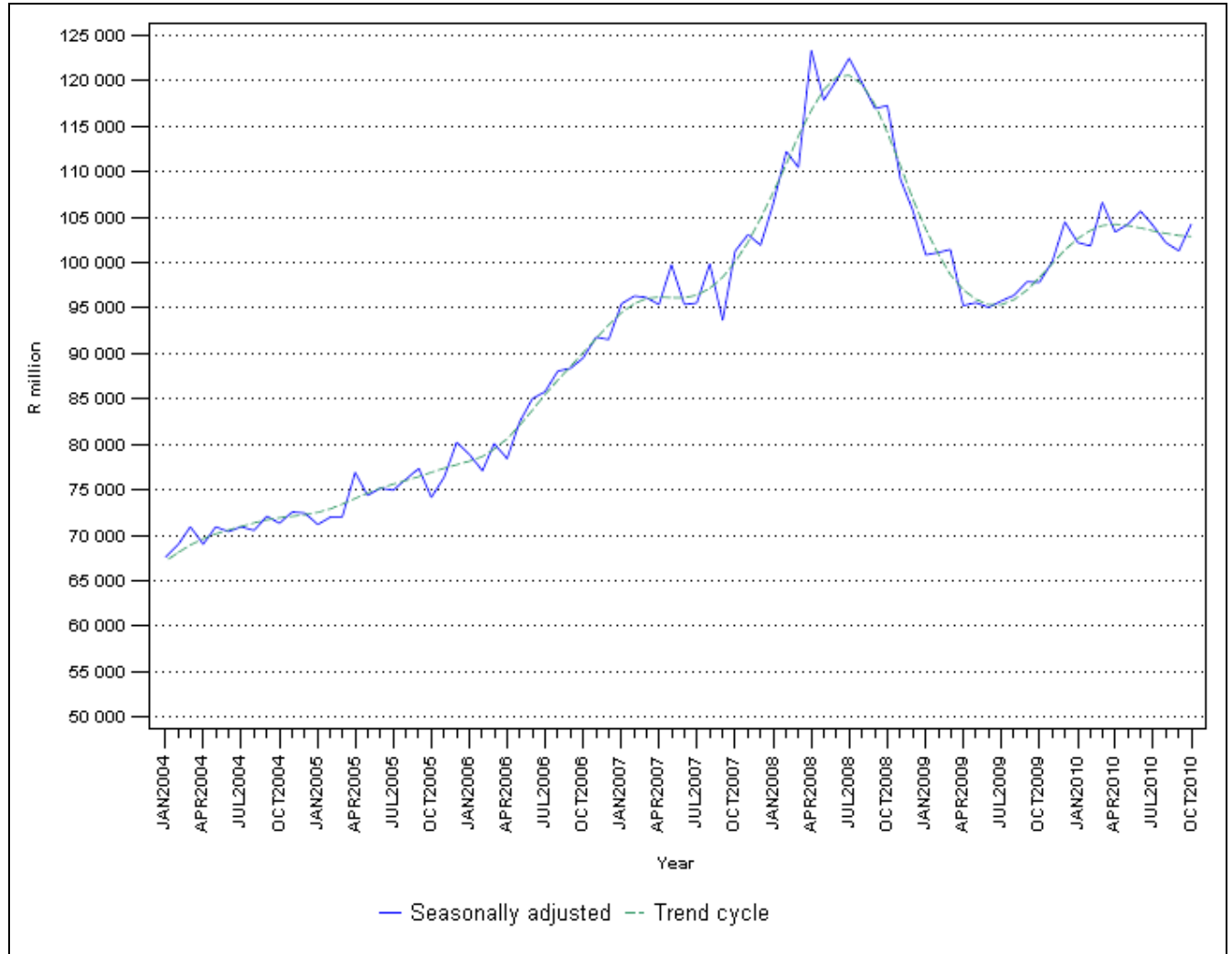
Seasonally adjusted sales of manufactured products at current prices decreased by 2,0% (-R6 199 million) for the three months ended October 2010 compared with the previous three months ended July 2010. Eight of the ten manufacturing divisions reported negative growth rates over this period (see Table C).

The large decreases reported by the basic iron and steel, non-ferrous metal products, metal products and machinery division (-4,1% or -R2 710 million) and the motor vehicles, parts and accessories and other transport equipment division (-4,8% or -R1 934 million) during the above-mentioned period were mainly responsible for the decrease in total manufacturing sales (see Table C).

Table C – Contribution of manufacturing divisions and major groups to the three-monthly total seasonally adjusted sales of the manufacturing industry at current prices

Manufacturing divisions and major groups	Seasonally adjusted sales May to July 2010	Seasonally adjusted sales August to October 2010	Percentage change between May to July 2010 and August to October 2010	Difference in seasonally adjusted sales of manufacturing divisions between May to July 2010 and August to October 2010
	R'000	R'000	%	R'000
Food and beverages	61 412 868	62 358 377	1,5	945 509
-Food and food products	46 491 781	46 903 989	0,9	412 208
-Beverages	14 921 087	15 454 387	3,6	533 300
Textiles, clothing, leather and footwear	9 468 929	9 031 914	-4,6	-437 015
-Textiles	3 736 516	3 607 667	-3,4	-128 849
-Wearing apparel	3 722 395	3 583 090	-3,7	-139 305
-Leather and leather products	1 072 344	936 972	-12,6	-135 372
-Footwear	937 672	904 186	-3,6	-33 486
Wood and wood products, paper, publishing and printing	27 548 981	27 134 511	-1,5	-414 470
-Wood and products of wood	5 538 701	5 731 336	3,5	192 635
-Paper and paper products	12 879 876	12 740 825	-1,1	-139 051
-Publishing and printing	9 130 405	8 662 349	-5,1	-468 056
Petroleum, chemical products, rubber and plastic products	70 951 613	70 308 555	-0,9	-643 058
-Coke, petroleum products and nuclear fuel	25 185 254	24 379 471	-3,2	-805 783
-Basic chemicals	14 917 836	15 228 796	2,1	310 960
-Other chemical products	17 343 024	17 427 429	0,5	84 405
-Rubber products	3 015 059	2 846 995	-5,6	-168 064
-Plastic products	10 490 441	10 425 864	-0,6	-64 577
Glass and non-metallic mineral products	10 270 528	10 308 130	0,4	37 602
-Glass and glass products	1 704 473	1 793 462	5,2	88 989
-Non-metallic mineral products	8 566 054	8 514 668	-0,6	-51 386
Basic iron and steel, non-ferrous metal products, metal products and machinery	66 604 801	63 894 862	-4,1	-2 709 939
-Basic iron and steel products	23 170 001	20 435 720	-11,8	-2 734 281
-Basic precious, non-ferrous metal products	11 578 652	12 423 436	7,3	844 784
-Fabricated metal products	15 340 368	15 263 096	-0,5	-77 272
-Machinery and equipment	16 515 780	15 772 611	-4,5	-743 169
Electrical machinery	9 635 958	9 198 881	-4,5	-437 077
Radio, television and communication apparatus and professional equipment	3 191 246	3 125 883	-2,0	-65 363
-Radio, television and communication apparatus	1 274 114	1 220 397	-4,2	-53 717
-Professional equipment	1 917 133	1 905 486	-0,6	-11 647
Motor vehicles, parts and accessories and other transport equipment	40 433 026	38 499 158	-4,8	-1 933 868
-Motor vehicles, trailers, parts and accessories	36 406 234	33 919 684	-6,8	-2 486 550
-Other transport equipment	4 026 793	4 579 474	13,7	552 681
Furniture and other manufacturing division	14 362 181	13 820 995	-3,8	-541 186
-Furniture	3 005 301	3 009 778	0,1	4 477
-Other manufacturing groups	11 356 878	10 811 217	-4,8	-545 661
Total	313 880 129	307 681 267	-2,0	-6 198 862

Figure 2 – Total estimated sales of the manufacturing industry at current prices: 2004 – 2010



PJ Lehohla
Statistician-General

Detailed results

Table 1 – Total index of the physical volume of manufacturing production: 2004 – 2010

Base 2005 = 100

Month	2004	2005	2006	2007	2008	2009	2010
Jan	82,6	85,2	89,8	95,3	96,0	83,6	86,3
Feb	91,5	95,5	96,8	104,9	108,5	91,7	94,1
Mar	100,8	101,7	106,3	113,5	111,9	98,5	105,1
Apr	88,9	96,2	95,4	100,8	111,7	87,0	94,6
May	98,7	100,3	104,3	113,2	114,1	94,0	101,7
Jun	97,6	100,1	106,6	109,0	114,9	94,9	103,7
Jul	100,0	100,9	107,4	111,1	115,1	98,9	105,9
Aug	100,3	103,3	108,8	114,3	114,8	96,7	1/ 101,7
Sep	102,3	107,5	109,7	108,8	114,2	100,8	1/ 102,1
Oct	108,2	106,9	117,0	124,1	121,1	109,2	1/ 111,9
Nov	107,5	110,7	119,0	124,2	114,3	108,5	
Dec	87,0	91,4	96,9	96,5	87,9	90,5	
Year	97,1	100,0	104,8	109,6	110,4	96,2	

1/ Preliminary.

Table 2 – Annual percentage change in the total index of the physical volume of manufacturing production: 2004 – 2010 2/

Month	2004	2005	2006	2007	2008	2009	2010
Jan	-1,9	3,1	5,4	6,1	0,7	-12,9	3,2
Feb	-1,2	4,4	1,4	8,4	3,4	-15,5	2,6
Mar	5,0	0,9	4,5	6,8	-1,4	-12,0	6,7
Apr	0,1	8,2	-0,8	5,7	10,8	-22,1	8,7
May	5,2	1,6	4,0	8,5	0,8	-17,6	8,2
Jun	4,5	2,6	6,5	2,3	5,4	-17,4	9,3
Jul	3,6	0,9	6,4	3,4	3,6	-14,1	7,1
Aug	6,8	3,0	5,3	5,1	0,4	-15,8	5,2
Sep	6,5	5,1	2,0	-0,8	5,0	-11,7	1,3
Oct	4,7	-1,2	9,4	6,1	-2,4	-9,8	2,5
Nov	5,8	3,0	7,5	4,4	-8,0	-5,1	
Dec	7,8	5,1	6,0	-0,4	-8,9	3,0	
Year	4,0	3,0	4,8	4,6	0,7	-12,9	

2/ The annual percentage change is the change in the index of the physical volume of manufacturing production of the relevant month of the current year compared with the corresponding month of the previous year expressed as a percentage.

Table 3 – Seasonally adjusted index of the total physical volume of manufacturing production: 2004 – 2010

Base 2005 = 100

Month	2004	2005	2006	2007	2008	2009	2010
Jan	93,5	96,9	102,8	110,0	111,3	97,5	100,6
Feb	94,8	99,5	101,2	109,9	114,0	96,5	99,4
Mar	97,6	98,4	103,0	110,1	108,8	95,9	102,3
Apr	94,1	102,5	101,4	107,6	119,5	93,0	101,2
May	98,0	99,5	103,6	112,7	113,6	93,9	101,6
Jun	96,9	99,6	105,8	108,0	113,6	93,7	102,5
Jul	98,3	99,5	105,4	108,7	112,1	96,2	102,7
Aug	97,5	100,1	105,1	110,5	111,2	93,9	98,9
Sep	98,9	103,8	105,5	104,7	109,9	96,9	98,4
Oct	98,2	96,6	105,4	111,5	108,2	97,7	99,6
Nov	96,9	99,9	107,5	112,1	102,9	98,4	
Dec	98,6	103,4	109,8	109,2	98,0	101,3	

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 2005	Average for 2009	Actual indices			Seasonally adjusted indices		
			October 2009	1/ September 2010	1/ October 2010	October 2009	September 2010	October 2010
Food and beverages	15,4	111,8	126,4	126,3	134,0	112,6	120,6	118,5
-Meat, fish, fruit, etc.	1,8	109,3	114,2	117,2	117,3	111,8	116,4	114,5
-Dairy products	0,8	109,7	126,9	119,8	122,8	113,7	115,7	109,7
-Grain mill products	0,8	108,5	111,6	119,7	115,6	109,6	116,5	113,5
-Other food products	5,2	110,3	132,8	130,8	153,3	109,7	118,8	126,1
-Beverages	6,8	114,2	126,6	126,9	127,3	115,2	124,2	115,3
Textiles, clothing, leather and footwear	4,9	89,5	104,1	86,2	94,3	88,6	82,1	79,8
-Textiles	0,7	73,7	75,1	66,9	71,0	67,5	66,1	63,6
-Other textile products	0,9	78,1	89,5	72,3	80,0	75,9	71,2	67,7
-Knitted, crocheted articles	0,2	104,4	117,4	93,1	110,5	102,2	95,3	95,8
-Wearing apparel	2,1	96,5	112,9	92,9	100,0	95,8	86,7	84,6
-Leather and leather products	0,6	83,6	96,5	83,7	80,6	89,5	82,9	75,2
-Footwear	0,4	107,3	143,2	114,4	147,2	106,2	101,6	108,4
Wood and wood products, paper, publishing and printing	10,2	92,0	99,4	103,5	106,4	89,6	97,7	95,8
-Sawmilling and planing of wood	0,7	73,4	80,5	86,3	95,7	71,6	84,6	84,8
-Products of wood	1,3	88,6	94,1	94,6	97,6	83,9	87,6	87,1
-Paper and paper products	3,8	103,6	112,1	121,9	121,5	104,8	114,0	113,2
-Publishing	1,9	86,8	86,9	86,4	84,8	79,7	82,2	78,0
-Printing, recorded media	2,5	84,8	97,1	97,5	107,0	81,5	93,2	89,8
Petroleum, chemical products, rubber and plastic products	22,1	105,0	118,3	111,6	117,8	109,2	112,7	108,4
-Coke, petroleum products and nuclear fuel	8,5	95,3	99,9	94,3	91,5	100,7	105,2	92,6
-Basic chemicals	4,5	107,9	135,4	119,6	136,9	114,8	115,9	115,6
-Other chemical products	5,3	109,6	120,8	126,4	125,2	108,7	120,0	112,8
-Rubber products	1,0	77,3	84,5	49,9	97,3	79,0	48,2	90,9
-Plastic products	2,7	131,2	154,7	145,4	161,2	138,0	139,0	143,4
Glass and non-metallic mineral products	4,8	96,5	101,5	101,7	103,9	91,2	95,0	93,4
-Glass and glass products	1,0	121,6	139,3	134,7	142,5	120,7	127,2	122,9
-Non-metallic mineral products	3,8	90,2	92,0	93,5	94,2	83,8	86,9	86,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	85,9	97,0	90,1	94,4	87,7	85,5	85,3
-Basic iron and steel products	7,7	72,0	90,9	74,2	79,1	82,2	68,4	71,5
-Non-ferrous metal products	3,4	95,4	100,2	105,7	108,5	95,2	104,1	103,0
-Structural metal products	2,0	96,7	102,7	100,1	99,4	92,3	93,8	89,7
-Other fabricated metal products	3,8	104,5	110,8	107,4	121,6	97,1	104,6	106,7
-General purpose machinery	2,4	73,2	79,8	74,8	78,3	71,2	70,0	69,8
-Special purpose machinery	3,1	88,3	100,7	93,0	89,3	90,9	87,3	80,2
-Household appliances	0,6	96,0	102,8	106,9	111,1	90,6	102,9	98,0
Electrical machinery	2,5	121,2	131,8	139,0	134,5	119,0	128,0	122,3
Radio, television and communication apparatus and professional equipment	1,1	98,7	102,6	98,9	91,2	97,7	92,1	87,5
-Radio, television and communication apparatus	0,4	102,8	109,3	90,5	85,6	100,3	84,5	78,4
-Professional equipment	0,7	96,1	98,3	104,3	94,8	96,0	96,9	93,2
Motor vehicles, parts and accessories and other transport equipment	10,9	79,7	102,5	76,7	124,3	85,0	74,8	101,8
-Motor vehicles	4,9	66,1	85,6	60,4	123,8	66,5	61,3	95,5
-Bodies for motor vehicles, trailers and semi-trailers	0,5	104,3	124,5	120,4	139,5	102,4	109,9	113,9
-Parts and accessories	4,7	82,4	113,4	79,4	118,5	95,9	72,5	99,8
-Other transport equipment	0,9	124,8	125,4	126,8	148,1	118,1	138,0	138,7
Furniture and other manufacturing division	5,2	94,5	108,5	91,4	101,3	95,1	84,8	88,3
-Furniture	1,3	88,8	109,8	98,6	116,1	85,7	93,1	90,9
-Other manufacturing groups	3,9	96,4	108,0	89,0	96,3	98,1	82,0	87,4
Total	100,0	96,2	109,2	102,1	111,9	97,7	98,4	99,6

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 2005	Average for 2009	Actual indices			Seasonally adjusted indices		
			October 2009	1/ October 2010	Percentage change between October 2009 and October 2010	September 2010	October 2010	Percentage change between September and October 2010
Food and beverages	15,4	111,8	126,4	134,0	6,0	120,6	118,5	-1,7
-Meat, fish, fruit, etc.	1,8	109,3	114,2	117,3	2,7	116,4	114,5	-1,6
-Dairy products	0,8	109,7	126,9	122,8	-3,2	115,7	109,7	-5,2
-Grain mill products	0,8	108,5	111,6	115,6	3,6	116,5	113,5	-2,6
-Other food products	5,2	110,3	132,8	153,3	15,4	118,8	126,1	6,1
-Beverages	6,8	114,2	126,6	127,3	0,6	124,2	115,3	-7,2
Textiles, clothing, leather and footwear	4,9	89,5	104,1	94,3	-9,4	82,1	79,8	-2,8
-Textiles	0,7	73,7	75,1	71,0	-5,5	66,1	63,6	-3,8
-Other textile products	0,9	78,1	89,5	80,0	-10,6	71,2	67,7	-4,9
-Knitted, crocheted articles	0,2	104,4	117,4	110,5	-5,9	95,3	95,8	0,5
-Wearing apparel	2,1	96,5	112,9	100,0	-11,4	86,7	84,6	-2,4
-Leather and leather products	0,6	83,6	96,5	80,6	-16,5	82,9	75,2	-9,3
-Footwear	0,4	107,3	143,2	147,2	2,8	101,6	108,4	6,7
Wood and wood products, paper, publishing and printing	10,2	92,0	99,4	106,4	7,0	97,7	95,8	-1,9
-Sawmilling and planing of wood	0,7	73,4	80,5	95,7	18,9	84,6	84,8	0,2
-Products of wood	1,3	88,6	94,1	97,6	3,7	87,6	87,1	-0,6
-Paper and paper products	3,8	103,6	112,1	121,5	8,4	114,0	113,2	-0,7
-Publishing	1,9	86,8	86,9	84,8	-2,4	82,2	78,0	-5,1
-Printing, recorded media	2,5	84,8	97,1	107,0	10,2	93,2	89,8	-3,6
Petroleum, chemical products, rubber and plastic products	22,1	105,0	118,3	117,8	-0,4	112,7	108,4	-3,8
-Coke, petroleum products and nuclear fuel	8,5	95,3	99,9	91,5	-8,4	105,2	92,6	-12,0
-Basic chemicals	4,5	107,9	135,4	136,9	1,1	115,9	115,6	-0,3
-Other chemical products	5,3	109,6	120,8	125,2	3,6	120,0	112,8	-6,0
-Rubber products	1,0	77,3	84,5	97,3	15,1	48,2	90,9	88,6
-Plastic products	2,7	131,2	154,7	161,2	4,2	139,0	143,4	3,2
Glass and non-metallic mineral products	4,8	96,5	101,5	103,9	2,4	95,0	93,4	-1,7
-Glass and glass products	1,0	121,6	139,3	142,5	2,3	127,2	122,9	-3,4
-Non-metallic mineral products	3,8	90,2	92,0	94,2	2,4	86,9	86,0	-1,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	85,9	97,0	94,4	-2,7	85,5	85,3	-0,2
-Basic iron and steel products	7,7	72,0	90,9	79,1	-13,0	68,4	71,5	4,5
-Non-ferrous metal products	3,4	95,4	100,2	108,5	8,3	104,1	103,0	-1,1
-Structural metal products	2,0	96,7	102,7	99,4	-3,2	93,8	89,7	-4,4
-Other fabricated metal products	3,8	104,5	110,8	121,6	9,7	104,6	106,7	2,0
-General purpose machinery	2,4	73,2	79,8	78,3	-1,9	70,0	69,8	-0,3
-Special purpose machinery	3,1	88,3	100,7	89,3	-11,3	87,3	80,2	-8,1
-Household appliances	0,6	96,0	102,8	111,1	8,1	102,9	98,0	-4,8
Electrical machinery	2,5	121,2	131,8	134,5	2,0	128,0	122,3	-4,5
Radio, television and communication apparatus and professional equipment	1,1	98,7	102,6	91,2	-11,1	92,1	87,5	-5,0
-Radio, television and communication apparatus	0,4	102,8	109,3	85,6	-21,7	84,5	78,4	-7,2
-Professional equipment	0,7	96,1	98,3	94,8	-3,6	96,9	93,2	-3,8
Motor vehicles, parts and accessories and other transport equipment	10,9	79,7	102,5	124,3	21,3	74,8	101,8	36,1
-Motor vehicles	4,9	66,1	85,6	123,8	44,6	61,3	95,5	55,8
-Bodies for motor vehicles, trailers and semi-trailers	0,5	104,3	124,5	139,5	12,0	109,9	113,9	3,6
-Parts and accessories	4,7	82,4	113,4	118,5	4,5	72,5	99,8	37,7
-Other transport equipment	0,9	124,8	125,4	148,1	18,1	138,0	138,7	0,5
Furniture and other manufacturing division	5,2	94,5	108,5	101,3	-6,6	84,8	88,3	4,1
-Furniture	1,3	88,8	109,8	116,1	5,7	93,1	90,9	-2,4
-Other manufacturing groups	3,9	96,4	108,0	96,3	-10,8	82,0	87,4	6,6
Total	100,0	96,2	109,2	111,9	2,5	98,4	99,6	1,2

1/ Preliminary.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000): 2004 – 2010

Month	2004	2005	2006	2007	2008	2009	2010
Jan	57 132 553	60 063 082	66 484 938	80 538 318	90 120 929	84 819 210	86 164 210
Feb	66 502 495	69 193 109	73 901 384	91 988 434	106 616 455	96 192 926	96 905 945
Mar	72 867 592	73 858 342	82 047 327	98 673 703	112 950 687	103 814 911	109 176 123
Apr	65 221 353	72 381 184	73 494 509	89 107 318	115 062 249	88 797 741	96 353 590
May	71 259 129	74 601 624	82 575 109	100 003 365	118 293 383	95 133 046	103 770 879
Jun	71 125 898	76 071 471	86 293 995	97 130 007	122 894 285	96 891 148	107 804 180
Jul	71 718 015	76 103 755	87 489 215	97 758 776	126 353 845	98 368 052	107 176 982
Aug	72 358 270	78 533 270	91 130 164	103 286 147	124 293 826	99 412 537	1/ 104 965 646
Sep	75 769 608	81 576 570	93 387 334	98 938 121	123 806 867	103 482 347	1/ 107 108 260
Oct	78 185 765	81 457 255	98 505 874	111 757 950	129 941 379	108 453 282	1/ 115 730 615
Nov	80 545 958	85 122 282	101 894 005	114 304 668	120 894 966	110 596 379	
Dec	65 956 688	72 412 763	81 621 089	90 693 690	94 770 345	94 154 368	
Year	848 643 324	901 374 707	1 018 824 943	1 174 180 497	1 385 999 216	1 180 115 947	

1/ Preliminary.

Table 6 – Annual percentage change in the total estimated value of sales of the manufacturing industry: 2004 – 2010 2/

Month	2004	2005	2006	2007	2008	2009	2010
Jan	1,1	5,1	10,7	21,1	11,9	-5,9	1,6
Feb	3,2	4,0	6,8	24,5	15,9	-9,8	0,7
Mar	8,8	1,4	11,1	20,3	14,5	-8,1	5,2
Apr	4,2	11,0	1,5	21,2	29,1	-22,8	8,5
May	11,0	4,7	10,7	21,1	18,3	-19,6	9,1
Jun	9,2	7,0	13,4	12,6	26,5	-21,2	11,3
Jul	9,1	6,1	15,0	11,7	29,3	-22,1	9,0
Aug	10,2	8,5	16,0	13,3	20,3	-20,0	5,6
Sep	12,4	7,7	14,5	5,9	25,1	-16,4	3,5
Oct	8,4	4,2	20,9	13,5	16,3	-16,5	6,7
Nov	13,8	5,7	19,7	12,2	5,8	-8,5	
Dec	10,3	9,8	12,7	11,1	4,5	-0,6	
Year	8,6	6,2	13,0	15,2	18,0	-14,9	

2/ The annual percentage change is the change in the sales of the manufacturing industry of the relevant month of the current year compared with the sales of the corresponding month of the previous year expressed as a percentage.

Table 7 – Total seasonally adjusted sales of the manufacturing industry at current prices (R'000): 2004 – 2010

Month	2004	2005	2006	2007	2008	2009	2010
Jan	67 563 854	71 175 678	78 841 399	95 450 275	106 530 931	100 827 904	102 192 005
Feb	68 976 076	72 004 173	77 088 267	96 307 418	112 202 649	101 100 593	101 808 386
Mar	70 926 172	72 008 692	80 077 932	96 144 793	110 449 387	101 423 000	106 605 237
Apr	69 012 651	76 902 988	78 417 219	95 365 634	123 297 361	95 248 721	103 354 256
May	70 923 454	74 376 437	82 439 028	99 751 202	117 841 039	95 577 448	104 176 862
Jun	70 392 704	75 185 305	85 026 744	95 371 088	120 072 579	95 047 857	105 642 594
Jul	70 925 211	74 948 843	85 776 046	95 540 617	122 456 299	95 752 092	104 060 673
Aug	70 530 022	76 151 510	88 048 400	99 832 225	119 712 892	96 380 391	102 167 461
Sep	72 093 524	77 349 039	88 364 564	93 637 049	116 920 253	97 876 841	101 278 649
Oct	71 306 972	74 153 354	89 512 586	101 255 569	117 260 559	97 801 443	104 235 157
Nov	72 553 090	76 398 297	91 783 829	103 068 584	109 170 014	100 087 522	
Dec	72 441 841	80 213 045	91 518 878	101 888 609	105 716 965	104 467 114	

Table 8a – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000)

Manufacturing divisions and major groups	Year 2009	Actual values			Seasonally adjusted values		
		October 2009	September 2010	October 2010	October 2009	September 2010	October 2010
Food and beverages	239 997 619	21 761 268	21 597 158	21 928 982	20 190 857	21 159 905	20 353 239
-Meat, fish, fruit, etc.	64 578 008	5 677 834	5 886 714	5 893 217	5 363 526	5 796 136	5 575 038
-Dairy products	20 927 661	2 003 922	1 866 694	1 969 050	1 838 419	1 833 876	1 805 987
-Grain mill products	44 238 183	3 732 084	3 685 549	3 616 923	3 559 185	3 636 568	3 447 266
-Other food products	53 020 863	5 203 589	4 746 959	4 928 523	4 648 788	4 611 047	4 405 799
-Beverages	57 232 904	5 143 839	5 411 242	5 521 269	4 780 939	5 282 278	5 119 148
Textiles, clothing, leather and footwear	39 358 324	3 749 516	3 164 372	3 479 711	3 195 048	3 056 089	2 957 997
-Textiles	6 020 147	513 264	468 979	497 203	461 071	461 969	446 033
-Other textile products	9 944 381	953 584	758 043	873 249	806 225	761 832	734 690
-Knitted, crocheted articles	1 820 905	166 950	132 061	153 738	149 367	138 034	137 169
-Wearing apparel	14 398 708	1 355 376	1 130 684	1 226 983	1 154 645	1 073 249	1 042 353
-Leather and leather products	3 569 498	354 644	334 426	342 893	314 222	319 462	304 542
-Footwear	3 604 685	405 698	340 179	385 645	309 518	301 543	293 210
Wood and wood products, paper, publishing and printing	102 039 074	9 169 979	9 857 337	9 818 623	8 266 443	9 166 273	8 833 169
-Sawmilling and planing of wood	6 411 740	609 737	655 657	722 404	527 974	619 220	624 034
-Products of wood	16 025 375	1 406 657	1 404 085	1 478 847	1 234 221	1 278 951	1 299 191
-Paper and paper products	46 059 169	4 057 373	4 755 169	4 342 209	3 813 788	4 333 053	4 067 363
-Publishing	14 886 400	1 263 904	1 218 343	1 259 263	1 158 319	1 181 294	1 157 084
-Printing, recorded media	18 656 390	1 832 308	1 824 083	2 015 900	1 532 141	1 753 754	1 685 496
Petroleum, chemical products, rubber and plastic products	262 540 179	23 879 214	24 371 939	26 202 867	21 594 977	23 041 227	23 673 904
-Coke, petroleum products and nuclear fuel	89 965 147	7 892 871	8 045 312	8 768 199	7 549 167	7 757 017	8 382 847
-Basic chemicals	56 237 245	5 102 252	5 553 114	6 095 203	4 382 821	5 066 676	5 225 506
-Other chemical products	66 512 727	6 118 392	6 282 262	6 324 734	5 419 580	5 949 125	5 604 815
-Rubber products	11 347 042	1 033 555	814 026	1 070 964	968 013	803 716	1 001 764
-Plastic products	38 478 018	3 732 144	3 677 225	3 943 767	3 275 395	3 464 693	3 458 972
Glass and non-metallic mineral products	40 112 675	3 780 075	3 811 606	3 780 413	3 292 114	3 508 425	3 287 034
-Glass and glass products	6 691 796	682 747	678 810	722 345	566 482	607 889	595 992
-Non-metallic mineral products	33 420 879	3 097 328	3 132 796	3 058 068	2 725 632	2 900 536	2 691 042
Basic iron and steel, non-ferrous metal products, metal products and machinery	249 364 417	23 087 790	23 368 584	24 441 082	20 644 887	21 436 401	21 846 609
-Basic iron and steel products	77 590 894	7 685 547	7 676 728	8 384 995	6 728 703	6 809 755	7 318 461
-Non-ferrous metal products	42 550 609	3 623 943	4 571 873	4 560 247	3 421 889	4 144 094	4 302 059
-Structural metal products	23 111 172	2 039 359	1 963 735	1 980 462	1 792 260	1 842 265	1 741 436
-Other fabricated metal products	40 036 447	3 681 128	3 455 372	3 730 117	3 255 178	3 276 433	3 291 162
-General purpose machinery	28 209 259	2 574 130	2 446 638	2 488 287	2 305 780	2 272 070	2 232 888
-Special purpose machinery	28 423 653	2 632 077	2 386 173	2 335 929	2 405 720	2 244 196	2 132 190
-Household appliances	9 442 383	851 606	868 065	961 045	735 357	847 588	828 413
Electrical machinery	35 326 612	3 106 019	3 331 738	3 231 149	2 895 703	3 062 499	3 019 410
Radio, television and communication apparatus and professional equipment	13 518 475	1 149 784	1 141 337	1 058 800	1 097 619	1 049 181	1 013 190
-Radio, television and communication apparatus	6 041 590	518 322	438 943	437 884	477 625	403 202	402 638
-Professional equipment	7 476 885	631 462	702 394	620 916	619 995	645 979	610 552
Motor vehicles, parts and accessories and other transport equipment	142 178 315	13 807 745	11 741 825	16 714 329	12 039 887	11 354 812	14 552 321
-Motor vehicles	69 665 442	6 757 144	5 639 679	8 514 672	5 823 414	5 427 562	7 337 187
-Bodies for motor vehicles, trailers and semi-trailers	6 889 529	651 381	633 882	748 917	541 644	586 713	619 183
-Parts and accessories	48 904 780	5 003 686	4 014 219	5 753 847	4 370 957	3 775 052	5 019 066
-Other transport equipment	16 718 564	1 395 534	1 454 045	1 696 893	1 303 871	1 565 485	1 576 885
Furniture and other manufacturing division	55 680 257	4 961 892	4 722 364	5 074 659	4 583 907	4 443 836	4 698 284
-Furniture	11 262 810	1 174 783	1 067 192	1 285 755	904 573	1 009 100	991 243
-Other manufacturing groups	44 417 447	3 787 109	3 655 172	3 788 904	3 679 335	3 434 736	3 707 040
Total	1 180 115 947	108 453 282	107 108 260	115 730 615	97 801 443	101 278 649	104 235 157

1/ Preliminary.

Table 8b – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000) (concluded)

Manufacturing divisions and major groups	Year 2009	Actual values			Seasonally adjusted values		
		October 2009	October 2010	Percentage change between October 2009 and October 2010	September 2010	October 2010	Percentage change between September and October 2010
Food and beverages	239 997 619	21 761 268	21 928 982	0,8	21 159 905	20 353 239	-3,8
-Meat, fish, fruit, etc.	64 578 008	5 677 834	5 893 217	3,8	5 796 136	5 575 038	-3,8
-Dairy products	20 927 661	2 003 922	1 969 050	-1,7	1 833 876	1 805 987	-1,5
-Grain mill products	44 238 183	3 732 084	3 616 923	-3,1	3 636 568	3 447 266	-5,2
-Other food products	53 020 863	5 203 589	4 928 523	-5,3	4 611 047	4 405 799	-4,5
-Beverages	57 232 904	5 143 839	5 521 269	7,3	5 282 278	5 119 148	-3,1
Textiles, clothing, leather and footwear	39 358 324	3 749 516	3 479 711	-7,2	3 056 089	2 957 997	-3,2
-Textiles	6 020 147	513 264	497 203	-3,1	461 969	446 033	-3,4
-Other textile products	9 944 381	953 584	873 249	-8,4	761 832	734 690	-3,6
-Knitted, crocheted articles	1 820 905	166 950	153 738	-7,9	138 034	137 169	-0,6
-Wearing apparel	14 398 708	1 355 376	1 226 983	-9,5	1 073 249	1 042 353	-2,9
-Leather and leather products	3 569 498	354 644	342 893	-3,3	319 462	304 542	-4,7
-Footwear	3 604 685	405 698	385 645	-4,9	301 543	293 210	-2,8
Wood and wood products, paper, publishing and printing	102 039 074	9 169 979	9 818 623	7,1	9 166 273	8 833 169	-3,6
-Sawmilling and planing of wood	6 411 740	609 737	722 404	18,5	619 220	624 034	0,8
-Products of wood	16 025 375	1 406 657	1 478 847	5,1	1 278 951	1 299 191	1,6
-Paper and paper products	46 059 169	4 057 373	4 342 209	7,0	4 333 053	4 067 363	-6,1
-Publishing	14 886 400	1 263 904	1 259 263	-0,4	1 181 294	1 157 084	-2,0
-Printing, recorded media	18 656 390	1 832 308	2 015 900	10,0	1 753 754	1 685 496	-3,9
Petroleum, chemical products, rubber and plastic products	262 540 179	23 879 214	26 202 867	9,7	23 041 227	23 673 904	2,7
-Coke, petroleum products and nuclear fuel	89 965 147	7 892 871	8 768 199	11,1	7 757 017	8 382 847	8,1
-Basic chemicals	56 237 245	5 102 252	6 095 203	19,5	5 066 676	5 225 506	3,1
-Other chemical products	66 512 727	6 118 392	6 324 734	3,4	5 949 125	5 604 815	-5,8
-Rubber products	11 347 042	1 033 555	1 070 964	3,6	803 716	1 001 764	24,6
-Plastic products	38 478 018	3 732 144	3 943 767	5,7	3 464 693	3 458 972	-0,2
Glass and non-metallic mineral products	40 112 675	3 780 075	3 780 413	0,0	3 508 425	3 287 034	-6,3
-Glass and glass products	6 691 796	682 747	722 345	5,8	607 889	595 992	-2,0
-Non-metallic mineral products	33 420 879	3 097 328	3 058 068	-1,3	2 900 536	2 691 042	-7,2
Basic iron and steel, non-ferrous metal products, metal products and machinery	249 364 417	23 087 790	24 441 082	5,9	21 436 401	21 846 609	1,9
-Basic iron and steel products	77 590 894	7 685 547	8 384 995	9,1	6 809 755	7 318 461	7,5
-Non-ferrous metal products	42 550 609	3 623 943	4 560 247	25,8	4 144 094	4 302 059	3,8
-Structural metal products	23 111 172	2 039 359	1 980 462	-2,9	1 842 265	1 741 436	-5,5
-Other fabricated metal products	40 036 447	3 681 128	3 730 117	1,3	3 276 433	3 291 162	0,4
-General purpose machinery	28 209 259	2 574 130	2 488 287	-3,3	2 272 070	2 232 888	-1,7
-Special purpose machinery	28 423 653	2 632 077	2 335 929	-11,3	2 244 196	2 132 190	-5,0
-Household appliances	9 442 383	851 606	961 045	12,9	847 588	828 413	-2,3
Electrical machinery	35 326 612	3 106 019	3 231 149	4,0	3 062 499	3 019 410	-1,4
Radio, television and communication apparatus and professional equipment	13 518 475	1 149 784	1 058 800	-7,9	1 049 181	1 013 190	-3,4
-Radio, television and communication apparatus	6 041 590	518 322	437 884	-15,5	403 202	402 638	-0,1
-Professional equipment	7 476 885	631 462	620 916	-1,7	645 979	610 552	-5,5
Motor vehicles, parts and accessories and other transport equipment	142 178 315	13 807 745	16 714 329	21,1	11 354 812	14 552 321	28,2
-Motor vehicles	69 665 442	6 757 144	8 514 672	26,0	5 427 562	7 337 187	35,2
-Bodies for motor vehicles, trailers and semi-trailers	6 889 529	651 381	748 917	15,0	586 713	619 183	5,5
-Parts and accessories	48 904 780	5 003 686	5 753 847	15,0	3 775 052	5 019 066	33,0
-Other transport equipment	16 718 564	1 395 534	1 696 893	21,6	1 565 485	1 576 885	0,7
Furniture and other manufacturing division	55 680 257	4 961 892	5 074 659	2,3	4 443 836	4 698 284	5,7
-Furniture	11 262 810	1 174 783	1 285 755	9,4	1 009 100	991 243	-1,8
-Other manufacturing groups	44 417 447	3 787 109	3 788 904	0,0	3 434 736	3 707 040	7,9
Total	1 180 115 947	108 453 282	115 730 615	6,7	101 278 649	104 235 157	2,9

1/ Preliminary.

Table 9 – Annual percentage change in the three-monthly physical volume of manufacturing production and estimated sales according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights	Production indices (base 2005=100)			Value of sales (R'000)		
		Aug. to Oct. 2009	Aug. to Oct. 2010	Annual percentage change between Aug. to Oct 2009 and Aug. to Oct. 2010	Aug. to Oct. 2009	Aug. to Oct. 2010	Annual percentage change between Aug. to Oct. 2009 and Aug. to Oct. 2010
Food and beverages	15,4	118,9	125,5	5,6	61 689 977	64 072 876	3,9
-Meat, fish, fruit, etc.	1,8	111,1	116,8	5,1	16 378 497	17 521 357	7,0
-Dairy products	0,8	116,9	119,1	1,9	5 521 162	5 694 227	3,1
-Grain mill products	0,8	109,4	115,8	5,9	10 957 450	10 748 481	-1,9
-Other food products	5,2	127,2	139,1	9,4	14 298 889	14 495 171	1,4
-Beverages	6,8	116,0	119,4	2,9	14 533 979	15 613 640	7,4
Textiles, clothing, leather and footwear	4,9	93,0	87,9	-5,5	10 182 396	9 684 110	-4,9
-Textiles	0,7	69,9	67,7	-3,1	1 462 703	1 438 920	-1,6
-Other textile products	0,9	83,4	74,8	-10,3	2 581 614	2 369 516	-8,2
-Knitted, crocheted articles	0,2	99,4	98,4	-1,0	421 705	413 212	-2,0
-Wearing apparel	2,1	98,5	92,9	-5,7	3 684 179	3 417 423	-7,2
-Leather and leather products	0,6	86,7	83,8	-3,3	974 873	992 023	1,8
-Footwear	0,4	130,3	125,5	-3,7	1 057 322	1 053 016	-0,4
Wood and wood products, paper, publishing and printing	10,2	95,4	103,1	8,1	26 644 065	28 997 580	8,8
-Sawmilling and planing of wood	0,7	79,5	90,1	13,3	1 749 341	1 985 524	13,5
-Products of wood	1,3	91,6	95,7	4,5	4 186 278	4 298 100	2,7
-Paper and paper products	3,8	108,1	120,3	11,3	11 994 912	13 449 471	12,1
-Publishing	1,9	84,8	83,3	-1,8	3 709 396	3 672 725	-1,0
-Printing, recorded media	2,5	90,2	99,0	9,8	5 004 138	5 591 760	11,7
Petroleum, chemical products, rubber and plastic products	22,1	108,5	115,7	6,6	70 493 221	75 657 335	7,3
-Coke, petroleum products and nuclear fuel	8,5	89,4	97,1	8,6	25 332 633	26 323 559	3,9
-Basic chemicals	4,5	121,0	129,7	7,2	14 478 483	16 651 524	15,0
-Other chemical products	5,3	114,1	122,7	7,5	17 194 617	18 518 564	7,7
-Rubber products	1,0	80,2	77,2	-3,7	2 925 723	2 948 651	0,8
-Plastic products	2,7	146,8	150,7	2,7	10 561 765	11 215 037	6,2
Glass and non-metallic mineral products	4,8	101,2	102,8	1,6	10 832 273	11 322 576	4,5
-Glass and glass products	1,0	126,9	133,7	5,4	1 824 963	1 998 059	9,5
-Non-metallic mineral products	3,8	94,7	95,0	0,3	9 007 310	9 324 517	3,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	93,1	91,0	-2,3	67 491 628	69 390 487	2,8
-Basic iron and steel products	7,7	86,9	76,5	-12,0	22 988 048	23 005 881	0,1
-Non-ferrous metal products	3,4	97,6	105,2	7,8	10 782 094	13 137 621	21,8
-Structural metal products	2,0	98,1	98,8	0,7	5 772 430	5 852 685	1,4
-Other fabricated metal products	3,8	105,6	112,0	6,1	10 443 638	10 574 834	1,3
-General purpose machinery	2,4	77,8	75,0	-3,6	7 486 337	7 244 785	-3,2
-Special purpose machinery	3,1	96,2	89,7	-6,8	7 596 500	6 948 623	-8,5
-Household appliances	0,6	98,0	105,8	8,0	2 422 581	2 626 058	8,4
Electrical machinery	2,5	128,6	136,9	6,5	9 239 433	9 780 910	5,9
Radio, television and communication apparatus and professional equipment	1,1	105,4	95,3	-9,6	3 563 983	3 302 364	-7,3
-Radio, television and communication apparatus	0,4	114,4	86,8	-24,1	1 666 798	1 306 514	-21,6
-Professional equipment	0,7	99,7	100,7	1,0	1 897 185	1 995 850	5,2
Motor vehicles, parts and accessories and other transport equipment	10,9	90,0	95,4	6,0	36 696 827	41 065 880	11,9
-Motor vehicles	4,9	69,9	82,0	17,3	17 378 379	20 216 777	16,3
-Bodies for motor vehicles, trailers and semi-trailers	0,5	111,7	128,5	15,0	1 823 211	2 059 288	12,9
-Parts and accessories	4,7	102,5	98,2	-4,2	13 438 605	14 167 610	5,4
-Other transport equipment	0,9	121,2	134,5	11,0	4 056 632	4 622 205	13,9
Furniture and other manufacturing division	5,2	102,0	93,9	-7,9	14 514 363	14 530 403	0,1
-Furniture	1,3	96,7	102,5	6,0	3 075 811	3 377 487	9,8
-Other manufacturing groups	3,9	103,7	91,0	-12,2	11 438 552	11 152 916	-2,5
Total	100,0	102,2	105,2	2,9	311 348 166	327 804 521	5,3

Table 10 – Annual percentage change in the cumulative physical volume of manufacturing production and estimated 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 Oct. 2009	Jan. to Oct. 2010	Annual percentage change between 2009 and 2010	Contribution (percentage points)	Jan. to Oct. 2009	Jan. to Oct. 2010	Annual percentage change between 2009 and 2010	Difference in sales between 2009 and 2010
Food and beverages	15,4	109,1	113,5	4,0	0,7	194 428	199 523	2,6	5 095
-Meat, fish, fruit, etc.	1,8	106,9	112,8	5,5	0,1	52 413	54 969	4,9	2 566
-Dairy products	0,8	107,6	108,5	0,8	0,0	17 100	17 691	3,5	591
-Grain mill products	0,8	107,3	110,3	2,8	0,0	36 719	34 371	-6,4	-2 348
-Other food products	5,2	110,9	117,3	5,8	0,3	43 592	44 732	2,6	1 140
-Beverages	6,8	108,8	111,8	2,8	0,2	44 604	47 760	7,1	3 156
Textiles, clothing, leather and footwear	4,9	90,1	84,4	-6,3	-0,3	32 927	31 170	-5,3	-1 757
-Textiles	0,7	76,3	68,2	-10,6	-0,1	5 170	4 679	-9,5	-491
-Other textile products	0,9	78,9	73,4	-7,0	-0,1	8 347	7 895	-5,4	-452
-Knitted, crocheted articles	0,2	106,7	106,8	0,1	0,0	1 542	1 533	-0,6	-9
-Wearing apparel	2,1	96,7	86,5	-10,5	-0,2	11 996	10 698	-10,8	-1 298
-Leather and leather products	0,6	82,3	89,0	8,1	0,0	2 960	3 357	13,4	397
-Footwear	0,4	108,4	107,5	-0,8	0,0	2 913	3 009	3,3	96
Wood and wood products, paper, publishing and printing	10,2	92,3	95,9	3,9	0,4	85 129	89 475	5,1	4 346
-Sawmilling and planing of wood	0,7	75,2	85,1	13,2	0,1	5 387	6 042	12,2	655
-Products of wood	1,3	89,0	87,2	-2,0	0,0	13 452	12 985	-3,5	-467
-Paper and paper products	3,8	104,1	112,8	8,4	0,3	38 492	41 739	8,4	3 247
-Publishing	1,9	87,4	80,3	-8,1	-0,1	12 422	11 865	-4,5	-557
-Printing, recorded media	2,5	84,3	89,3	5,9	0,1	15 376	16 844	9,5	1 468
Petroleum, chemical products, rubber and plastic products	22,1	104,2	111,7	7,2	1,7	217 084	233 857	7,7	16 773
-Coke, petroleum products and nuclear fuel	8,5	94,0	94,7	0,7	0,1	74 463	82 153	10,3	7 690
-Basic chemicals	4,5	108,2	125,5	16,0	0,8	46 841	49 838	6,4	2 997
-Other chemical products	5,3	108,8	116,3	6,9	0,4	54 556	57 018	4,5	2 462
-Rubber products	1,0	78,7	83,3	5,8	0,0	9 524	9 989	4,9	465
-Plastic products	2,7	129,8	143,1	10,2	0,4	31 699	34 859	10,0	3 160
Glass and non-metallic mineral products	4,8	96,5	94,1	-2,5	-0,1	33 437	34 053	1,8	616
-Glass and glass products	1,0	118,6	118,5	-0,1	0,0	5 350	5 566	4,0	216
-Non-metallic mineral products	3,8	91,0	88,0	-3,3	-0,1	28 087	28 487	1,4	400
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	85,4	90,3	5,7	1,2	209 077	223 843	7,1	14 766
-Basic iron and steel products	7,7	69,1	82,4	19,2	1,1	65 414	77 601	18,6	12 187
-Non-ferrous metal products	3,4	95,2	99,9	4,9	0,2	35 154	39 564	12,5	4 410
-Structural metal products	2,0	98,7	92,9	-5,9	-0,1	19 611	18 296	-6,7	-1 315
-Other fabricated metal products	3,8	106,2	106,8	0,6	0,0	33 772	33 823	0,2	51
-General purpose machinery	2,4	73,1	69,8	-4,5	-0,1	23 425	22 717	-3,0	-708
-Special purpose machinery	3,1	88,4	91,3	3,3	0,1	23 747	23 712	-0,1	-35
-Household appliances	0,6	97,8	99,4	1,6	0,0	7 954	8 129	2,2	175
Electrical machinery	2,5	122,7	128,0	4,3	0,1	29 722	31 381	5,6	1 659
Radio, television and communication apparatus and professional equipment	1,1	99,1	92,1	-7,1	-0,1	11 280	10 637	-5,7	-643
-Radio, television and communication apparatus	0,4	104,0	87,6	-15,8	-0,1	5 044	4 339	-14,0	-705
-Professional equipment	0,7	96,0	95,1	-0,9	0,0	6 236	6 298	1,0	62
Motor vehicles, parts and accessories and other transport equipment	10,9	79,3	95,7	20,7	1,9	117 069	134 505	14,9	17 436
-Motor vehicles	4,9	66,1	84,1	27,2	0,9	56 676	67 431	19,0	10 755
-Bodies for motor vehicles, trailers and semi-trailers	0,5	104,4	119,6	14,6	0,1	5 756	6 302	9,5	546
-Parts and accessories	4,7	81,8	100,7	23,1	0,9	40 830	47 212	15,6	6 382
-Other transport equipment	0,9	123,6	119,6	-3,2	0,0	13 807	13 561	-1,8	-246
Furniture and other manufacturing division	5,2	93,6	92,1	-1,6	-0,1	45 212	46 714	3,3	1 502
-Furniture	1,3	87,5	90,8	3,8	0,0	9 211	9 769	6,1	558
-Other manufacturing groups	3,9	95,6	92,5	-3,2	-0,1	36 001	36 945	2,6	944
Total	100,0	95,5	100,7	5,4	5,4	975 365	1 035 156	6,1	59 791

1/ The contribution (percentage points) of a major group or division is calculated by multiplying the difference in the index of the major group or division by the weight of the major group or division and then dividing by the previous period total manufacturing index. Figures have been rounded off.

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 Business Register (BR), 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 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 BR, 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. Each enterprise is classified to an industry which reflects its predominant activity. Statistics in this publication are presented at SIC division (two digit) and major group (three digit) level.
- Response rate**
- 9 The preliminary response rate for the survey on manufacturing production and sales for October 2010 was 91,5%. Improved response rate for September 2010 was 93,9%.
- Statistical unit**
- 10 The statistical unit for which information is compiled and published is the enterprise, defined as a legal unit or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

Survey methodology and design

- 11 The survey is conducted monthly. Questionnaires are sent to a sample of 3 027 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 3 027 enterprises, which was drawn in April 2010 from a population then of 53 562 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 major group and 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 2010, 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 D for the fixed weights which were used for the three periods 1998 to 2000, 2001 to 2004 and 2005 to 2010).

Seasonal adjustment

- 17 Seasonally adjusted estimates of all major groups are generated each month, using the X-11 Seasonal Adjustment Program 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-off of figures** 23 Where necessary, the figures in the tables have been rounded off to the nearest digit shown. There may, therefore, be slight discrepancies between the sums of the constituent items and the totals 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
- | | |
|----------|---|
| BR | Business register |
| GDP | Gross domestic product |
| ISIC | International Standard Industrial Classification |
| LSS | Large sample survey |
| m | Million |
| SIC | Standard Industrial Classification of all Economic Activities |
| SARS | South African Revenue Service |
| Stats SA | Statistics South Africa |
| VAT | Value added tax |
| * | 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.

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

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 2005. 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 D – Weights according to manufacturing divisions and major groups

Manufacturing divisions and major groups	Weights according to the 1996 Census of Manufacturing 1998 - 2000	Weights according to the 2001 LSS of the manufacturing industry 2001 - 2004	Weights according to the 2005 LSS of the manufacturing industry 2005 - 2010
Food and beverages	15,3	16,4	15,4
-Meat, fish, fruit, etc.	2,8	2,6	1,8
-Dairy products	1,4	1,1	0,8
-Grain mill products	2,1	1,5	0,8
-Other food products	4,4	6,8	5,2
-Beverages	4,6	4,3	6,8
Textiles, clothing, leather and footwear	7,8	5,4	4,9
-Textiles	1,7	1,2	0,7
-Other textile products	1,2	1,2	0,9
-Knitted, crocheted articles	0,6	0,3	0,2
-Wearing apparel	3,0	2,0	2,1
-Tanning, dressing of leather	0,4	0,3	0,6
-Footwear	0,9	0,4	0,4
Wood and wood products, paper, publishing and printing	11,4	11,0	10,2
-Sawmilling and planing of wood	0,8	0,7	0,7
-Products of wood	1,2	1,0	1,3
-Paper and paper products	5,3	4,8	3,8
-Publishing	1,5	2,4	1,9
-Printing, recorded media	2,6	2,1	2,5
Petroleum, chemical products, rubber and plastic products	19,3	22,5	22,1
-Coke, petroleum products and nuclear fuel	4,2	9,1	8,5
-Basic chemicals	4,5	4,0	4,5
-Other chemical products	6,2	5,4	5,3
-Rubber products	1,4	1,1	1,0
-Plastic products	3,1	3,0	2,7
Glass and non-metallic mineral products	4,5	3,9	4,8
-Glass and glass products	1,0	1,1	1,0
-Non-metallic mineral products	3,5	2,9	3,8
Basic iron and steel, non-ferrous metal products, metal products and machinery	23,6	22,4	22,9
-Basic iron and steel products	7,6	5,5	7,7
-Non-ferrous metal products	3,2	4,7	3,4
-Structural metal products	2,4	1,3	2,0
-Other fabricated metal products	4,6	4,2	3,8
-General purpose machinery	2,5	2,4	2,4
-Special purpose machinery	2,9	3,2	3,1
-Household appliances	0,4	1,2	0,6
Electrical machinery	3,4	2,7	2,5
Radio, television and communication apparatus and professional equipment	1,5	1,3	1,1
-Radio, television and communication apparatus	1,0	0,7	0,4
-Professional equipment	0,5	0,6	0,7
Motor vehicles, parts and accessories and other transport equipment	9,1	8,6	10,9
-Motor vehicles	4,5	4,1	4,9
-Bodies for motor vehicles, trailers and semi-trailers	0,5	0,4	0,5
-Parts and accessories	3,0	3,1	4,7
-Other transport equipment	1,0	1,0	0,9
Other manufacturing divisions	4,1	5,8	5,2
-Furniture	1,6	1,6	1,3
-Other manufacturing groups	2,6	4,2	3,9
Total	100,0	100,0	100,0

General information

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