

Statistical release

P3041.2

Manufacturing: Production and sales (Preliminary)

July 2011

**Embargoed until:
8 September 2011
13:00**

Enquiries:

User information services
Tel. (012) 310 8600

Forthcoming issue:

August 2011

Expected release date

12 October 2011

Contents

Key figures for July 2011	2
Table A – Manufacturing production and sales	2
Table B – Contribution of manufacturing divisions and major groups to the total three-monthly seasonally adjusted manufacturing production	3
Figure 1 – Index of the physical volume of manufacturing production: 2005 – 2011	4
Table C – Contribution of manufacturing divisions and major groups to the three-monthly total seasonally adjusted sales of the manufacturing industry at current prices	5
Figure 2 – Total estimated sales of the manufacturing industry at current prices: 2005 – 2011	6
Article: Changes to the monthly current indicator survey and the impact on the statistical series.....	7
Detailed results	9
Table 1 – Total index of the physical volume of manufacturing production: 2005 – 2011	9
Table 2 – Annual percentage change in the total index of the physical volume of manufacturing production: 2005 – 2011	9
Table 3 – Seasonally adjusted index of the total physical volume of manufacturing production: 2005 – 2011	9
Table 4a – Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups	10
Table 4b – Indices of the physical volume of manufacturing production according to manufacturing divisions and major groups (concluded)	11
Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000): 2005 – 2011	12
Table 6 – Annual percentage change in the total estimated value of sales of the manufacturing industry: 2005 – 2011	12
Table 7 – Total seasonally adjusted sales of the manufacturing industry at current prices (R'000): 2005 – 2011	12
Table 8a – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000)	13
Table 8b – Estimated sales of the manufacturing industry at current prices according to manufacturing divisions and major groups (R'000) (concluded)	14
Table 9 – Annual percentage change in the three-monthly physical volume of manufacturing production and estimated sales according to manufacturing divisions and major groups	15
Table 10 – Annual percentage change in the cumulative physical volume of manufacturing production and estimated sales according to manufacturing divisions and major groups	16
Explanatory notes.....	17
Glossary	21
Table F – Weights according to manufacturing divisions and major groups	23
General information.....	24

Key figures for July 2011

Table A – Manufacturing production and sales

Estimates	July 2011	% change between July 2010 and July 2011	% change between May to July 2010 and May to July 2011	% change between January to July 2010 and January to July 2011
Physical volume of manufacturing production index (base: 2005=100)	99,6	-6,0	-1,5	1,3
Total estimated sales of manufactured products (R million)	109 309	0,6	5,3	6,9

Seasonally adjusted estimates	July 2011	% change between June and July 2011	% change between February to April 2011 and May to July 2011
Physical volume of manufacturing production index (base: 2005=100)	97,0	-6,0	-3,5
Total value of sales of manufactured products (R million)	106 771	-6,9	-2,0

Manufacturing production for July 2011 decreased by 6,0% compared with July 2010.

The 6,0% year-on-year decrease in manufacturing production for July 2011 was mainly due to lower production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (-11,7% and contributing -2,4 percentage points), the petroleum, chemical products, rubber and plastic products division (-5,9% and contributing -1,5 percentage points), the wood and wood products, paper, publishing and printing division (-12,2% and contributing -1,2 percentage points), the motor vehicles, parts and accessories and other transport equipment division (-5,2% and contributing -0,6 of a percentage point) and the food and beverages division (-3,2% and contributing -0,5 of a percentage point) (see Table 4b).

Seasonally adjusted manufacturing production for the three months ended July 2011 decreased by 3,5% compared with the previous three months ended April 2011. Nine of the ten manufacturing divisions reported negative growth rates over this period.

The decrease was mainly driven by lower production in the basic iron and steel, non-ferrous metal products, metal products and machinery division (-7,1% and contributing -1,5 percentage points), the petroleum, chemical products, rubber and plastic products division (-3,9% and contributing -1,0 percentage point), the food and beverages division (-2,5% and contributing -0,4 of a percentage point), the wood and wood products, paper, publishing and printing division (-3,1% and contributing -0,3 of a percentage point) and the motor vehicles, parts and accessories and other transport equipment division (-2,8% and contributing -0,3 of a percentage point) (see Table B).

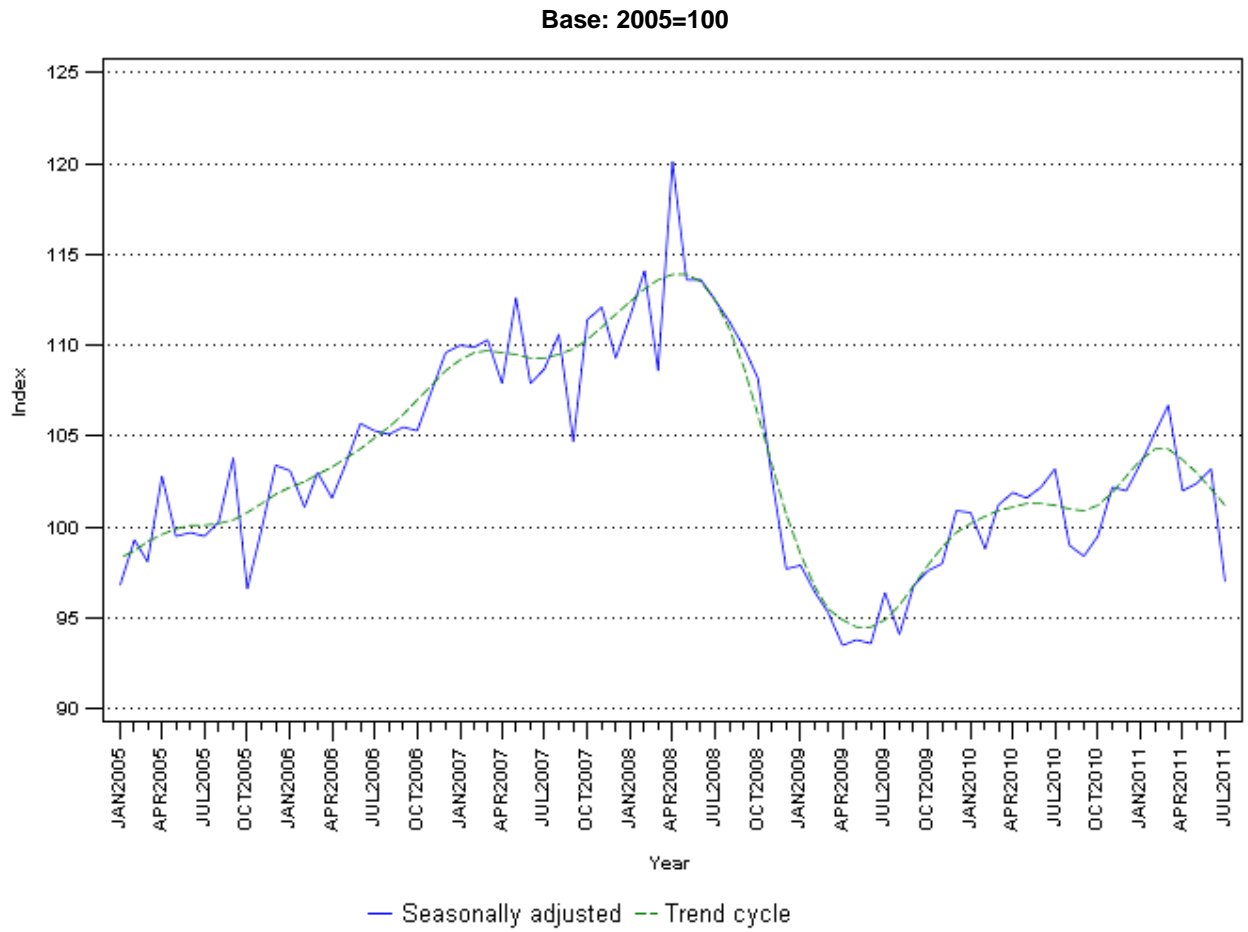
Table B – Contribution of manufacturing divisions and major groups to the total three-monthly seasonally adjusted manufacturing production

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 February to April 2011	Average seasonally adjusted production index for May to July 2011	Quarterly percentage change of May to July 2011 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	116,6	113,7	-2,5	-0,4
-Meat, fish, fruit, etc.	1,8	115,7	118,4	2,3	0,0
-Dairy products	0,8	117,8	113,7	-3,5	0,0
-Grain mill products	0,8	107,6	104,4	-3,0	0,0
-Other food products	5,2	115,1	112,2	-2,5	-0,1
-Beverages	6,8	119,0	114,7	-3,6	-0,3
Textiles, clothing, leather and footwear	4,9	81,3	80,7	-0,7	0,0
-Textiles	1,6	66,8	65,3	-2,2	0,0
-Wearing apparel	2,3	82,9	83,4	0,6	0,0
-Leather and leather products	0,6	96,5	91,0	-5,7	0,0
-Footwear	0,4	105,1	108,7	3,4	0,0
Wood and wood products, paper, publishing and printing	10,2	96,7	93,7	-3,1	-0,3
-Wood and products of wood	2,0	85,4	87,2	2,1	0,0
-Paper and paper products	3,8	111,8	103,7	-7,2	-0,3
-Publishing and printing	4,3	88,5	87,8	-0,8	0,0
Petroleum, chemical products, rubber and plastic products	22,1	116,4	111,9	-3,9	-1,0
-Coke, petroleum products and nuclear fuel	8,5	99,8	92,7	-7,1	-0,6
-Basic chemicals	4,5	133,3	127,5	-4,4	-0,2
-Other chemical products	5,3	119,7	117,1	-2,2	-0,1
-Rubber products	1,0	93,5	94,2	0,7	0,0
-Plastic products	2,7	142,0	142,2	0,1	0,0
Glass and non-metallic mineral products	4,8	93,6	95,5	2,0	0,1
-Glass and glass products	1,0	116,5	115,9	-0,5	0,0
-Non-metallic mineral products	3,8	87,9	90,4	2,8	0,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	95,3	88,5	-7,1	-1,5
-Basic iron and steel products	7,7	92,7	75,5	-18,6	-1,3
-Basic precious, non-ferrous metal products	3,4	108,0	108,0	0,0	0,0
-Fabricated metal products	5,7	103,9	98,3	-5,4	-0,3
-Machinery and equipment	6,1	83,2	84,5	1,6	0,1
Electrical machinery	2,5	129,8	127,5	-1,8	-0,1
Radio, television and communication apparatus and professional equipment	1,1	104,8	99,8	-4,8	-0,1
-Radio, television and communication apparatus	0,4	99,5	97,4	-2,1	0,0
-Professional equipment	0,7	108,2	101,4	-6,3	0,0
Motor vehicles, parts and accessories and other transport equipment	10,9	103,9	101,0	-2,8	-0,3
-Motor vehicles	4,9	98,9	95,5	-3,4	-0,2
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,2	121,2	-4,0	0,0
-Parts and accessories	4,7	103,9	101,9	-1,9	-0,1
-Other transport equipment	0,9	117,8	114,7	-2,6	0,0
Furniture and other manufacturing division	5,2	97,8	95,7	-2,1	-0,1
-Furniture	1,3	93,2	91,4	-1,9	0,0
-Other manufacturing groups	3,9	99,3	97,1	-2,2	-0,1
Total	100,0	104,6	100,9	-3,5	-3,5

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: 2005 – 2011



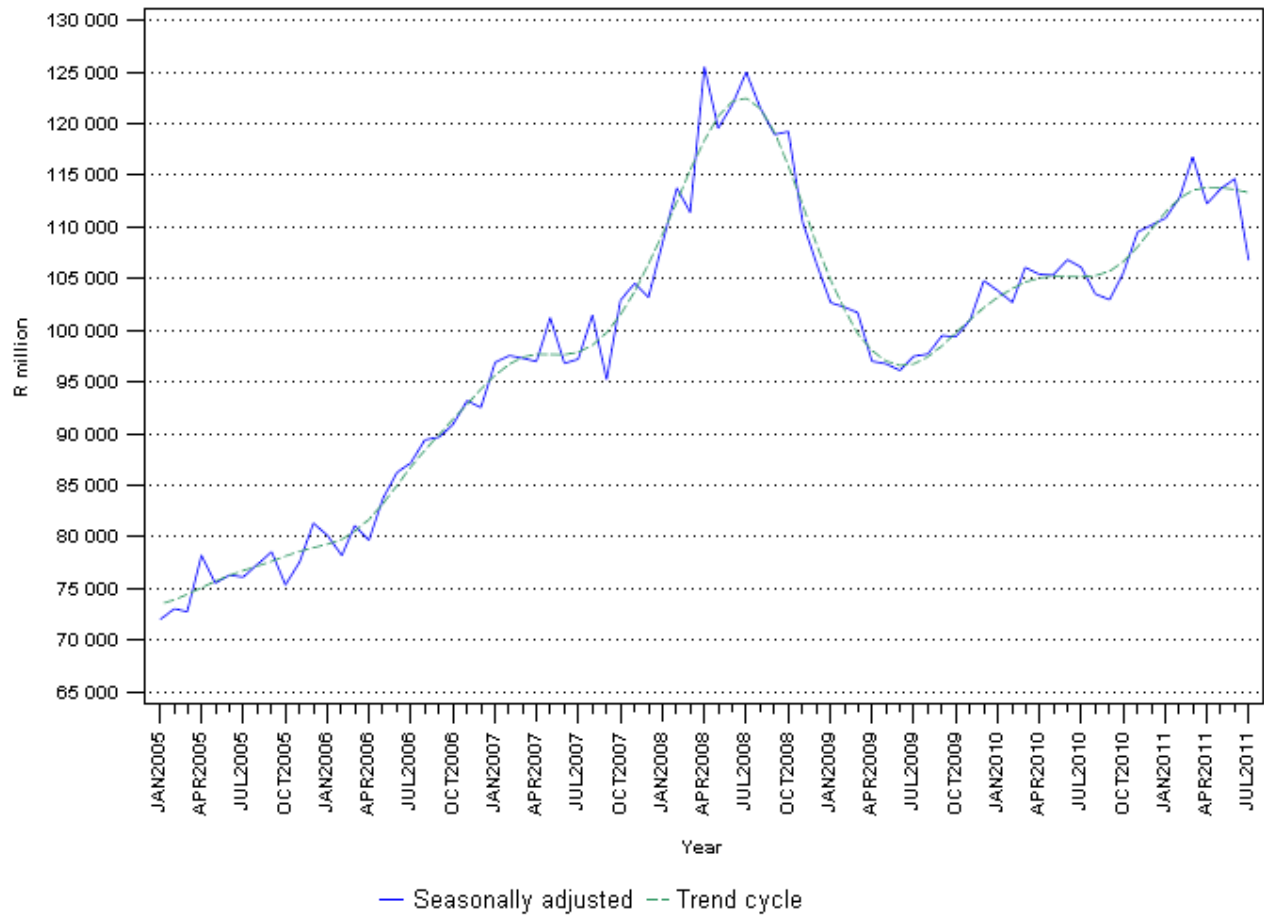
Seasonally adjusted sales of manufactured products (at current prices) for the three months ended July 2011 decreased by 2,0% (-R6 769 million) compared with the previous three months ended April 2011. Six of the ten manufacturing divisions reported negative growth rates over this period (see Table C).

The large decreases reported by the basic iron and steel, non-ferrous metal products, metal products and machinery division (-6,0% or -R4 625 million) and the petroleum, chemicals products, rubber and plastic products division (-2,3% or -R1 897 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 February to April 2011	Seasonally adjusted sales May to July 2011	Percentage change between February to April 2011 and May to July 2011	Difference in seasonally adjusted sales of manufacturing divisions between February to April 2011 and May to July 2011
	R'000	R'000	%	R'000
Food and beverages	65 094 770	65 097 227	0,0	2 457
-Food and food products	49 173 843	49 735 419	1,1	561 576
-Beverages	15 920 928	15 361 806	-3,5	-559 122
Textiles, clothing, leather and footwear	9 596 261	9 622 485	0,3	26 224
-Textiles	3 872 689	3 806 176	-1,7	-66 513
-Wearing apparel	3 753 921	3 794 394	1,1	40 473
-Leather and leather products	1 048 243	1 052 035	0,4	3 792
-Footwear	921 406	969 880	5,3	48 474
Wood and wood products, paper, publishing and printing	27 032 683	26 766 694	-1,0	-265 989
-Wood and products of wood	5 794 051	5 945 637	2,6	151 586
-Paper and paper products	11 853 459	11 567 730	-2,4	-285 729
-Publishing and printing	9 385 172	9 253 326	-1,4	-131 846
Petroleum, chemical products, rubber and plastic products	82 168 193	80 270 773	-2,3	-1 897 420
-Coke, petroleum products and nuclear fuel	33 333 164	31 889 988	-4,3	-1 443 176
-Basic chemicals	16 528 183	16 574 852	0,3	46 669
-Other chemical products	18 141 213	17 513 261	-3,5	-627 952
-Rubber products	3 377 210	3 440 569	1,9	63 359
-Plastic products	10 788 422	10 852 102	0,6	63 680
Glass and non-metallic mineral products	10 262 828	10 436 762	1,7	173 934
-Glass and glass products	1 715 999	1 755 801	2,3	39 802
-Non-metallic mineral products	8 546 829	8 680 962	1,6	134 133
Basic iron and steel, non-ferrous metal products, metal products and machinery	77 134 910	72 510 099	-6,0	-4 624 811
-Basic iron and steel products	26 845 558	22 356 728	-16,7	-4 488 830
-Basic precious, non-ferrous metal products	15 010 243	15 079 002	0,5	68 759
-Fabricated metal products	18 319 310	17 415 425	-4,9	-903 885
-Machinery and equipment	16 959 799	17 658 943	4,1	699 144
Electrical machinery	10 248 467	9 877 879	-3,6	-370 588
Radio, television and communication apparatus and professional equipment	3 760 711	3 531 811	-6,1	-228 900
-Radio, television and communication apparatus	1 847 473	1 687 737	-8,6	-159 736
-Professional equipment	1 913 238	1 844 074	-3,6	-69 164
Motor vehicles, parts and accessories and other transport equipment	42 468 432	42 431 342	-0,1	-37 090
-Motor vehicles, trailers, parts and accessories	38 357 861	38 476 211	0,3	118 350
-Other transport equipment	4 110 572	3 955 131	-3,8	-155 441
Furniture and other manufacturing division	14 141 709	14 594 991	3,2	453 282
-Furniture	2 847 535	2 812 979	-1,2	-34 556
-Other manufacturing groups	11 294 174	11 782 012	4,3	487 838
Total	341 908 963	335 140 063	-2,0	-6 768 900

Figure 2 – Total estimated sales of the manufacturing industry at current prices: 2005 – 2011



PJ Lehohla
Statistician-General

Article: Changes to the monthly current indicator survey and the impact on the statistical series

Business register and samples

Today Statistics South Africa (Stats SA) publishes results for the monthly survey of manufacturing production and sales from a new sample drawn in April 2011, which replaces the previous sample that was drawn in April 2010. The sample was drawn from a business register of enterprises with an annual turnover of at least R1 126 385 and that are required to register with the South African Revenue Service (SARS) for value added tax.

Owing to the evolving nature of business, the business register is maintained on a continuous basis. The maintenance process is aimed, amongst other things, at capturing changes related to new businesses, ceased businesses, merged businesses and classification changes. In addition, Stats SA undertakes quality improvement surveys related to the business register, the primary objective of which is to capture up-to-date information about the structures and activities of large and complex businesses. This process enables Stats SA to review classification codes for these businesses. These changes are an essential part of the statistical architecture.

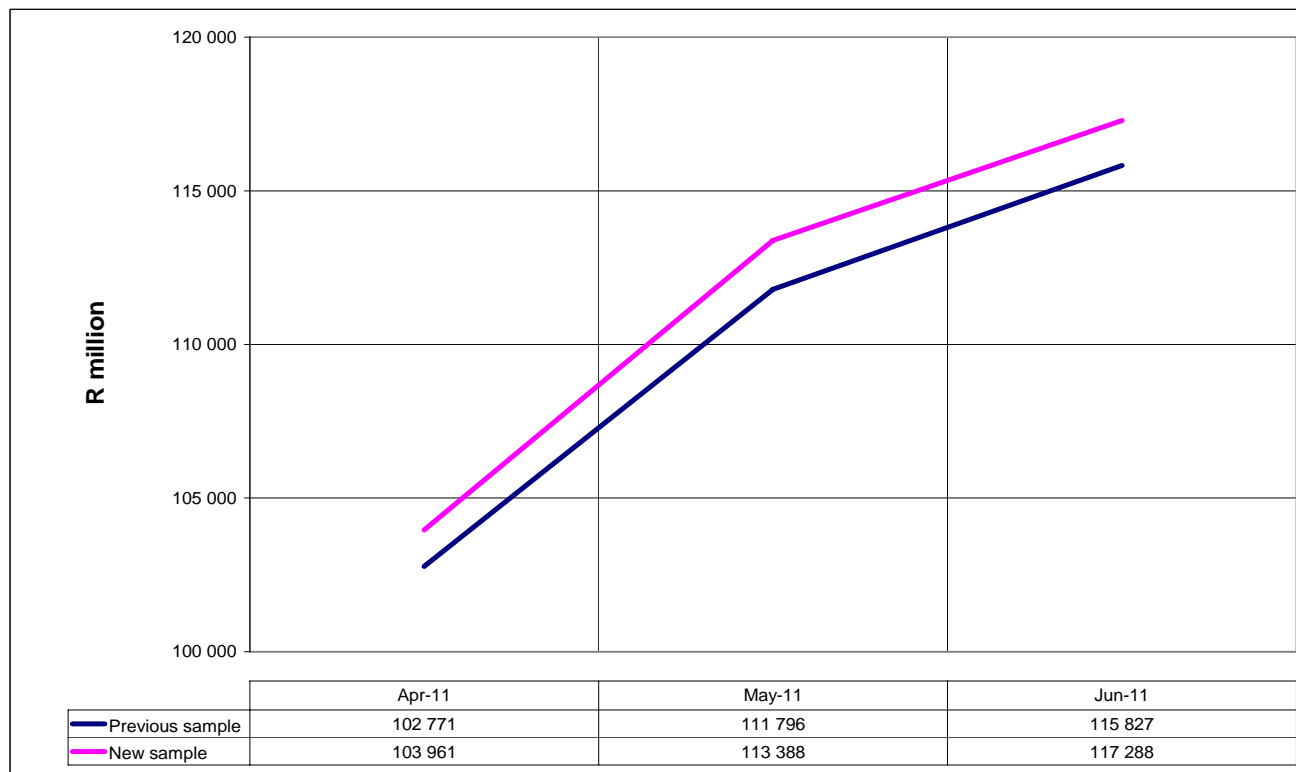
Comparison of total sales between the previous and new samples of the manufacturing industry

The reported level of total sales for the monthly survey of the manufacturing industry for the months April to June 2011 based on the new sample was 1,3% higher than the level of total sales recorded for the previous sample (see Table D and Figure A). The previous sample was drawn in April 2010 and was operational for the last half of 2010 and the first half of 2011.

Table D – Total sales for previous and new samples for the manufacturing industry – April to June 2011

Manufacturing industry	Previous sample (R million)	New sample (R million)	Difference (R million)	Difference (percentage)
	330 395	334 636	4 242	1,3

Figure A – Total value of sales of manufactured products: monthly levels of the previous and new samples for April to June 2011



Comparison of sales between the previous and new samples by division

The differences in sales between the previous and new samples by manufacturing division are shown in Table E. The largest change took place in the basic iron and steel, non-ferrous metal products, metal products and machinery division (6,3% or R4 450 million higher in the new sample). Various data quality improvements account for these differences, for example the reclassification of enterprises from one industry to another.

Table E – Manufacturing sales for previous and new samples by division: April to June 2011

Manufacturing divisions	Previous sample	New sample	Difference	Difference
	R million	R million	(R million)	(percentage) 1/
Food and beverages	62 514	62 722	208	0,3
Textiles, clothing, leather and footwear	9 215	9 640	425	4,6
Wood and wood products, paper, publishing and printing	26 619	26 152	-466	-1,8
Petroleum, chemical products, rubber and plastic products	82 284	82 236	-48	-0,1
Glass and non-metallic mineral products	10 202	10 038	-164	-1,6
Basic iron and steel, non-ferrous metal products, metal products and machinery	71 063	75 513	4 450	6,3
Electrical machinery	9 583	9 959	375	3,9
Radio, television and communication apparatus and professional equipment	3 334	3 462	129	3,9
Motor vehicles, parts and accessories and other transport equipment	40 793	40 592	-201	-0,5
Furniture and other manufacturing divisions	14 788	14 322	-466	-3,1
Total manufacturing	330 395	334 636	4 242	1,3

1/ The percentage difference is the difference between the April to June 2011 sales as recorded in the new sample divided by the April to June 2010 sales as recorded in the previous sample, expressed as a percentage.

Backcasting

In order to assist users of time series, the levels from the new sample for the survey have been adjusted back to the start of 1998, using the level for April 2011 as the end point for the backcast series.

Detailed results

Table 1 – Total index of the physical volume of manufacturing production: 2005 – 2011

Base: 2005 = 100

Month	* 2005	* 2006	* 2007	* 2008	* 2009	* 2010	2011
Jan	84,8	89,7	95,0	95,9	83,4	85,9	88,0
Feb	95,2	96,7	104,7	108,5	91,5	93,7	99,7
Mar	101,2	106,2	113,6	111,9	98,3	104,7	110,4
Apr	96,5	95,6	101,0	111,9	87,1	94,6	94,7
May	100,4	104,3	113,4	114,3	94,2	101,9	1/ 102,7
Jun	100,3	106,7	109,2	115,1	94,9	103,8	1/ 104,6
Jul	101,1	107,4	111,2	115,2	98,9	106,0	1/ 99,6
Aug	103,5	108,8	114,4	114,9	96,7	101,7	
Sep	107,6	109,7	108,9	114,2	100,7	102,1	
Oct	107,1	117,0	124,1	121,1	109,1	111,8	
Nov	110,8	119,1	124,3	114,3	108,4	113,7	
Dec	91,4	96,6	96,5	87,8	90,2	90,9	
Year	100,0	104,8	109,7	110,4	96,1	100,9	

1/ Preliminary.

* Revised.

Table 2 – Annual percentage change in the total index of the physical volume of manufacturing production: 2005 – 2011 2/

Month	2005	2006	2007	2008	2009	2010	2011
Jan	2,4	5,8	5,9	0,9	-13,0	3,0	2,4
Feb	3,8	1,6	8,3	3,6	-15,7	2,4	6,4
Mar	0,0	4,9	7,0	-1,5	-12,2	6,5	5,4
Apr	8,3	-0,9	5,6	10,8	-22,2	8,6	0,1
May	1,6	3,9	8,7	0,8	-17,6	8,2	0,8
Jun	2,7	6,4	2,3	5,4	-17,5	9,4	0,8
Jul	1,0	6,2	3,5	3,6	-14,1	7,2	-6,0
Aug	3,2	5,1	5,1	0,4	-15,8	5,2	
Sep	5,3	2,0	-0,7	4,9	-11,8	1,4	
Oct	-1,0	9,2	6,1	-2,4	-9,9	2,5	
Nov	3,3	7,5	4,4	-8,0	-5,2	4,9	
Dec	5,1	5,7	-0,1	-9,0	2,7	0,8	
Year	2,9	4,8	4,7	0,6	-13,0	5,0	

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: 2005 – 2011

Base: 2005 = 100

Month	2005	2006	2007	2008	2009	2010	2011
Jan	96,8	103,1	110,0	111,6	97,9	100,8	103,5
Feb	99,3	101,1	109,9	114,1	96,4	98,8	105,2
Mar	98,1	103,0	110,3	108,6	95,3	101,2	106,7
Apr	102,8	101,6	107,9	120,1	93,5	101,9	102,0
May	99,5	103,5	112,6	113,6	93,8	101,6	102,4
Jun	99,7	105,7	107,9	113,6	93,6	102,2	103,2
Jul	99,5	105,3	108,7	112,5	96,4	103,2	97,0
Aug	100,3	105,1	110,6	111,3	94,1	99,0	
Sep	103,8	105,5	104,7	109,9	96,8	98,4	
Oct	96,6	105,3	111,4	108,2	97,6	99,5	
Nov	99,9	107,5	112,1	102,6	98,0	102,2	
Dec	103,4	109,6	109,3	97,7	100,9	102,0	

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 2010	Actual indices			Seasonally adjusted indices		
			* July 2010	1/ June 2011	1/ July 2011	July 2010	June 2010	July 2011
Food and beverages	15,4	116,5	113,9	114,4	110,2	116,4	114,5	112,9
-Meat, fish, fruit, etc.	1,8	115,4	114,9	119,8	118,8	117,0	118,1	120,7
-Dairy products	0,8	111,6	105,1	101,7	108,3	112,0	111,1	115,1
-Grain mill products	0,8	110,4	113,7	109,2	106,0	111,0	104,7	103,4
-Other food products	5,2	116,4	133,1	128,3	120,8	123,0	113,3	111,4
-Beverages	6,8	118,2	100,1	104,5	100,5	112,3	116,1	112,9
Textiles, clothing, leather and footwear	4,9	84,1	84,2	80,7	80,8	84,0	81,4	80,6
-Textiles	0,7	66,5	70,8	62,5	54,2	69,5	59,6	53,4
-Other textile products	0,9	73,1	73,5	73,6	71,5	73,7	74,0	71,4
-Knitted, crocheted articles	0,2	103,6	96,5	96,6	81,3	101,0	92,7	85,7
-Wearing apparel	2,1	86,5	84,1	79,3	81,4	85,8	82,6	83,4
-Leather and leather products	0,6	90,4	93,5	96,7	92,7	91,0	90,8	90,2
-Footwear	0,4	107,3	110,9	102,8	121,7	103,5	108,1	113,1
Wood and wood products, paper, publishing and printing	10,2	96,6	103,2	95,5	90,6	104,1	94,9	91,4
-Sawmilling and planing of wood	0,7	84,0	90,9	90,5	90,9	84,2	92,4	83,9
-Products of wood	1,3	87,7	91,1	91,1	85,6	90,2	87,0	84,9
-Paper and paper products	3,8	113,3	116,1	111,6	98,2	118,4	106,2	100,4
-Publishing	1,9	81,1	79,2	80,9	79,8	81,1	81,9	81,9
-Printing, recorded media	2,5	90,6	111,1	85,2	89,5	112,0	92,1	89,9
Petroleum, chemical products, rubber and plastic products	22,1	111,3	121,3	115,5	114,1	115,7	113,2	108,8
-Coke, petroleum products and nuclear fuel	8,5	92,8	109,5	96,5	101,1	99,3	92,1	91,4
-Basic chemicals	4,5	126,2	138,8	131,4	127,8	132,2	129,5	121,4
-Other chemical products	5,3	117,2	116,4	121,3	111,0	118,1	120,9	112,8
-Rubber products	1,0	82,5	99,8	94,0	105,4	92,8	93,6	97,8
-Plastic products	2,7	143,4	146,5	144,9	141,5	143,6	144,6	138,7
Glass and non-metallic mineral products	4,8	93,9	98,3	99,4	101,6	92,7	95,8	95,9
-Glass and glass products	1,0	120,7	110,5	110,4	122,4	111,9	111,5	123,8
-Non-metallic mineral products	3,8	87,2	95,2	96,7	96,4	87,8	91,8	89,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	92,9	92,8	82,0	89,6	91,1	79,3
-Basic iron and steel products	7,7	80,1	79,7	77,3	65,9	78,2	72,8	64,9
-Non-ferrous metal products	3,4	100,3	101,8	107,4	105,0	99,7	109,8	102,8
-Structural metal products	2,0	92,9	99,9	94,8	85,7	94,2	89,3	80,8
-Other fabricated metal products	3,8	106,4	121,2	117,9	97,3	109,9	116,3	88,0
-General purpose machinery	2,4	70,1	72,8	76,4	61,6	71,3	77,9	60,3
-Special purpose machinery	3,1	89,5	90,6	94,2	89,8	90,8	94,4	90,6
-Household appliances	0,6	98,4	101,3	102,7	87,2	100,1	102,7	86,1
Electrical machinery	2,5	127,7	132,3	132,7	124,1	127,0	131,9	119,3
Radio, television and communication apparatus and professional equipment	1,1	94,6	105,3	105,1	110,1	96,5	101,4	100,2
-Radio, television and communication apparatus	0,4	93,1	104,4	96,4	114,0	94,1	95,6	102,2
-Professional equipment	0,7	95,7	105,9	110,6	107,6	98,1	105,1	99,0
Motor vehicles, parts and accessories and other transport equipment	10,9	95,7	108,3	111,6	102,7	101,0	110,1	95,6
-Motor vehicles	4,9	85,5	107,5	108,0	100,2	97,1	111,2	90,1
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	122,4	137,1	117,1	119,3	125,2	114,5
-Parts and accessories	4,7	100,2	106,6	110,4	102,2	100,0	106,3	95,7
-Other transport equipment	0,9	115,0	114,3	124,3	110,8	117,5	115,8	114,3
Furniture and other manufacturing division	5,2	91,8	92,0	98,0	97,5	91,1	95,4	96,7
-Furniture	1,3	92,1	98,6	92,7	93,6	93,8	91,9	89,3
-Other manufacturing groups	3,9	91,7	89,8	99,9	98,8	90,2	96,5	99,2
Total	100,0	100,9	106,0	104,6	99,6	103,2	103,2	97,0

1/ Preliminary.

* Revised.

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 2010	Actual indices			Seasonally adjusted indices		
			* July 2010	1/ July 2011	Percentage change between July 2010 and July 2011	June 2011	July 2011	Percentage change between June and July 2011
Food and beverages	15,4	116,5	113,9	110,2	-3,2	114,5	112,9	-1,4
-Meat, fish, fruit, etc.	1,8	115,4	114,9	118,8	3,4	118,1	120,7	2,2
-Dairy products	0,8	111,6	105,1	108,3	3,0	111,1	115,1	3,6
-Grain mill products	0,8	110,4	113,7	106,0	-6,8	104,7	103,4	-1,2
-Other food products	5,2	116,4	133,1	120,8	-9,2	113,3	111,4	-1,7
-Beverages	6,8	118,2	100,1	100,5	0,4	116,1	112,9	-2,8
Textiles, clothing, leather and footwear	4,9	84,1	84,2	80,8	-4,0	81,4	80,6	-1,0
-Textiles	0,7	66,5	70,8	54,2	-23,4	59,6	53,4	-10,4
-Other textile products	0,9	73,1	73,5	71,5	-2,7	74,0	71,4	-3,5
-Knitted, crocheted articles	0,2	103,6	96,5	81,3	-15,8	92,7	85,7	-7,6
-Wearing apparel	2,1	86,5	84,1	81,4	-3,2	82,6	83,4	1,0
-Leather and leather products	0,6	90,4	93,5	92,7	-0,9	90,8	90,2	-0,7
-Footwear	0,4	107,3	110,9	121,7	9,7	108,1	113,1	4,6
Wood and wood products, paper, publishing and printing	10,2	96,6	103,2	90,6	-12,2	94,9	91,4	-3,7
-Sawmilling and planing of wood	0,7	84,0	90,9	90,9	0,0	92,4	83,9	-9,2
-Products of wood	1,3	87,7	91,1	85,6	-6,0	87,0	84,9	-2,4
-Paper and paper products	3,8	113,3	116,1	98,2	-15,4	106,2	100,4	-5,5
-Publishing	1,9	81,1	79,2	79,8	0,8	81,9	81,9	0,0
-Printing, recorded media	2,5	90,6	111,1	89,5	-19,4	92,1	89,9	-2,4
Petroleum, chemical products, rubber and plastic products	22,1	111,3	121,3	114,1	-5,9	113,2	108,8	-3,9
-Coke, petroleum products and nuclear fuel	8,5	92,8	109,5	101,1	-7,7	92,1	91,4	-0,8
-Basic chemicals	4,5	126,2	138,8	127,8	-7,9	129,5	121,4	-6,3
-Other chemical products	5,3	117,2	116,4	111,0	-4,6	120,9	112,8	-6,7
-Rubber products	1,0	82,5	99,8	105,4	5,6	93,6	97,8	4,5
-Plastic products	2,7	143,4	146,5	141,5	-3,4	144,6	138,7	-4,1
Glass and non-metallic mineral products	4,8	93,9	98,3	101,6	3,4	95,8	95,9	0,1
-Glass and glass products	1,0	120,7	110,5	122,4	10,8	111,5	123,8	11,0
-Non-metallic mineral products	3,8	87,2	95,2	96,4	1,3	91,8	89,0	-3,1
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,3	92,9	82,0	-11,7	91,1	79,3	-13,0
-Basic iron and steel products	7,7	80,1	79,7	65,9	-17,3	72,8	64,9	-10,9
-Non-ferrous metal products	3,4	100,3	101,8	105,0	3,1	109,8	102,8	-6,4
-Structural metal products	2,0	92,9	99,9	85,7	-14,2	89,3	80,8	-9,5
-Other fabricated metal products	3,8	106,4	121,2	97,3	-19,7	116,3	88,0	-24,3
-General purpose machinery	2,4	70,1	72,8	61,6	-15,4	77,9	60,3	-22,6
-Special purpose machinery	3,1	89,5	90,6	89,8	-0,9	94,4	90,6	-4,0
-Household appliances	0,6	98,4	101,3	87,2	-13,9	102,7	86,1	-16,2
Electrical machinery	2,5	127,7	132,3	124,1	-6,2	131,9	119,3	-9,6
Radio, television and communication apparatus and professional equipment	1,1	94,6	105,3	110,1	4,6	101,4	100,2	-1,2
-Radio, television and communication apparatus	0,4	93,1	104,4	114,0	9,2	95,6	102,2	6,9
-Professional equipment	0,7	95,7	105,9	107,6	1,6	105,1	99,0	-5,8
Motor vehicles, parts and accessories and other transport equipment	10,9	95,7	108,3	102,7	-5,2	110,1	95,6	-13,2
-Motor vehicles	4,9	85,5	107,5	100,2	-6,8	111,2	90,1	-19,0
-Bodies for motor vehicles, trailers and semi-trailers	0,5	118,9	122,4	117,1	-4,3	125,2	114,5	-8,5
-Parts and accessories	4,7	100,2	106,6	102,2	-4,1	106,3	95,7	-10,0
-Other transport equipment	0,9	115,0	114,3	110,8	-3,1	115,8	114,3	-1,3
Furniture and other manufacturing division	5,2	91,8	92,0	97,5	6,0	95,4	96,7	1,4
-Furniture	1,3	92,1	98,6	93,6	-5,1	91,9	89,3	-2,8
-Other manufacturing groups	3,9	91,7	89,8	98,8	10,0	96,5	99,2	2,8
Total	100,0	100,9	106,0	99,6	-6,0	103,2	97,0	-6,0

1/ Preliminary.

* Revised.

Table 5 – Total estimated sales of the manufacturing industry at current prices (R'000): 2005 – 2011

Month	* 2005	* 2006	* 2007	* 2008	* 2009	* 2010	2011
Jan	60 642 593	67 351 678	81 459 988	91 280 084	85 793 294	86 836 064	* 92 863 625
Feb	70 167 086	74 930 635	93 134 142	108 137 770	97 350 713	97 825 640	* 107 158 143
Mar	74 589 427	83 169 373	100 113 755	114 652 520	105 127 970	110 232 624	* 121 108 364
Apr	73 611 723	74 690 973	90 606 196	116 896 823	90 156 553	97 707 572	103 960 682
May	75 830 084	83 925 122	101 641 507	120 173 410	96 487 420	105 089 142	1/ 113 388 161
Jun	77 338 913	87 683 125	98 764 796	124 811 522	98 161 671	109 279 984	1/ 117 287 618
Jul	77 298 647	88 860 703	99 325 320	128 335 265	99 715 325	108 621 205	1/ 109 309 116
Aug	79 781 239	92 520 358	104 978 175	126 167 640	100 731 886	106 288 802	
Sep	82 859 539	94 724 833	100 538 717	125 588 533	104 781 622	108 523 831	
Oct	82 759 631	99 968 405	113 462 255	131 772 450	109 759 231	116 804 203	
Nov	86 473 327	103 494 740	116 007 502	122 615 454	111 844 877	121 292 114	
Dec	73 429 961	82 554 715	91 954 469	95 903 778	95 002 438	99 664 494	
Year	914 782 170	1 033 874 660	1 191 986 822	1 406 335 249	1 194 913 000	1 268 165 675	

1/ Preliminary.

* Revised. See note 26 in the explanatory notes, page 19.

Table 6 – Annual percentage change in the total estimated value of sales of the manufacturing industry: 2005 – 2011 2/

Month	2005	2006	2007	2008	2009	2010	2011
Jan	4,6	11,1	20,9	12,1	-6,0	1,2	6,9
Feb	3,8	6,8	24,3	16,1	-10,0	0,5	9,5
Mar	0,4	11,5	20,4	14,5	-8,3	4,9	9,9
Apr	11,0	1,5	21,3	29,0	-22,9	8,4	6,4
May	4,8	10,7	21,1	18,2	-19,7	8,9	7,9
Jun	7,0	13,4	12,6	26,4	-21,4	11,3	7,3
Jul	6,1	15,0	11,8	29,2	-22,3	8,9	0,6
Aug	8,6	16,0	13,5	20,2	-20,2	5,5	
Sep	7,8	14,3	6,1	24,9	-16,6	3,6	
Oct	4,4	20,8	13,5	16,1	-16,7	6,4	
Nov	6,1	19,7	12,1	5,7	-8,8	8,4	
Dec	9,7	12,4	11,4	4,3	-0,9	4,9	
Year	6,1	13,0	15,3	18,0	-15,0	6,1	

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): 2005 – 2011

Month	2005	2006	2007	2008	2009	2010	2011
Jan	72 012 210	80 124 997	96 901 710	108 501 241	102 675 331	103 807 327	110 858 286
Feb	73 057 226	78 210 847	97 556 589	113 764 055	102 241 806	102 700 683	112 894 429
Mar	72 778 503	81 102 796	97 318 838	111 419 563	101 702 863	106 090 195	116 773 924
Apr	78 232 774	79 689 873	96 983 129	125 475 884	97 007 816	105 415 251	112 240 610
May	75 538 036	83 677 736	101 208 216	119 558 389	96 773 752	105 344 023	113 703 356
Jun	76 306 501	86 244 527	96 808 421	121 841 409	96 121 508	106 839 129	114 665 629
Jul	76 123 118	87 168 790	97 210 435	124 971 381	97 484 896	106 104 902	106 771 078
Aug	77 355 805	89 402 606	101 477 229	121 497 081	97 711 686	103 517 905	
Sep	78 567 788	89 669 912	95 251 829	118 944 902	99 497 494	102 961 640	
Oct	75 364 462	90 890 555	102 901 406	119 235 594	99 367 386	105 572 216	
Nov	77 593 051	93 195 035	104 550 143	110 486 692	100 990 428	109 512 968	
Dec	81 348 154	92 525 252	103 192 659	106 497 858	104 803 035	110 176 994	

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 2010	Actual values			Seasonally adjusted values		
		* July 2010	1/ June 2011	1/ July 2011	July 2010	June 2011	July 2011
Food and beverages	248 528 861	19 968 719	21 635 185	21 229 697	20 419 520	21 726 991	21 687 595
-Meat, fish, fruit, etc.	67 147 429	5 569 295	6 037 343	6 053 558	5 610 865	5 985 500	6 101 559
-Dairy products	22 395 405	1 897 158	1 779 080	1 886 070	1 945 402	1 946 520	1 925 845
-Grain mill products	41 968 004	3 520 665	3 990 046	3 763 336	3 415 645	3 814 261	3 654 950
-Other food products	55 507 821	4 702 020	5 103 044	4 989 489	4 691 966	4 860 645	4 965 874
-Beverages	61 510 202	4 279 581	4 725 672	4 537 244	4 755 641	5 120 064	5 039 367
Textiles, clothing, leather and footwear	39 304 498	3 262 671	3 251 217	3 189 863	3 249 012	3 254 257	3 172 857
-Textiles	4 434 749	365 798	379 659	333 357	359 715	351 931	328 850
-Other textile products	11 285 992	947 587	949 146	948 766	930 327	939 775	927 954
-Knitted, crocheted articles	1 789 747	142 178	154 685	132 817	148 629	145 947	138 966
-Wearing apparel	14 242 260	1 169 709	1 074 740	1 117 930	1 176 776	1 107 781	1 125 950
-Leather and leather products	3 889 005	325 791	385 690	333 502	325 975	373 653	332 804
-Footwear	3 662 745	311 608	307 297	323 491	307 589	335 170	318 333
Wood and wood products, paper, publishing and printing	106 468 918	9 360 684	9 204 815	8 703 157	9 424 548	8 957 410	8 772 607
-Sawmilling and planing of wood	7 812 905	676 129	715 361	730 120	638 752	717 467	687 868
-Products of wood	14 991 913	1 257 291	1 307 184	1 289 995	1 252 074	1 263 733	1 287 589
-Paper and paper products	47 058 025	4 009 632	4 222 963	3 666 209	4 076 176	3 891 229	3 745 153
-Publishing	15 802 072	1 275 419	1 294 365	1 287 375	1 308 551	1 296 915	1 323 153
-Printing, recorded media	20 804 003	2 142 213	1 664 942	1 729 458	2 148 996	1 788 065	1 728 844
Petroleum, chemical products, rubber and plastic products	280 737 508	24 858 180	28 119 390	25 760 384	23 589 447	27 261 630	24 317 496
-Coke, petroleum products and nuclear fuel	96 580 234	9 178 741	11 149 501	10 307 886	8 066 110	10 500 079	9 012 280
-Basic chemicals	60 460 303	5 283 951	6 123 485	5 008 730	5 217 761	5 897 322	4 965 404
-Other chemical products	69 496 277	5 714 259	6 014 833	5 617 829	5 765 172	5 998 575	5 676 667
-Rubber products	12 022 322	1 113 516	1 163 934	1 298 594	1 026 183	1 148 777	1 192 099
-Plastic products	42 178 372	3 567 713	3 667 637	3 527 345	3 514 222	3 716 876	3 471 046
Glass and non-metallic mineral products	40 233 221	3 577 584	3 639 933	3 649 185	3 366 587	3 591 129	3 441 493
-Glass and glass products	6 779 588	509 660	556 664	606 258	537 962	562 275	640 730
-Non-metallic mineral products	33 453 633	3 067 924	3 083 269	3 042 927	2 828 625	3 028 854	2 800 763
Basic iron and steel, non-ferrous metal products, metal products and machinery	283 445 050	24 069 350	26 867 342	22 152 021	23 156 283	25 862 128	21 355 591
-Basic iron and steel products	94 329 950	7 555 461	8 822 125	6 328 489	7 355 812	8 052 880	6 188 771
-Non-ferrous metal products	50 105 316	4 198 825	5 245 669	4 638 662	4 128 521	5 243 460	4 558 234
-Structural metal products	26 008 715	2 322 217	2 335 302	2 212 416	2 153 157	2 225 509	2 043 048
-Other fabricated metal products	45 003 323	4 190 350	4 069 612	3 535 410	3 768 305	3 997 103	3 169 952
-General purpose machinery	28 248 527	2 415 567	2 668 487	2 104 641	2 400 219	2 573 810	2 094 853
-Special purpose machinery	30 812 487	2 626 996	2 959 453	2 688 143	2 589 782	2 982 360	2 657 678
-Household appliances	8 936 732	759 934	766 694	644 260	760 488	787 006	643 055
-Electrical machinery	39 093 760	3 534 951	3 517 792	3 292 102	3 326 425	3 411 426	3 094 775
Radio, television and communication apparatus and professional equipment	13 828 914	1 259 234	1 210 750	1 337 334	1 221 747	1 171 969	1 293 056
-Radio, television and communication apparatus	6 843 071	600 819	550 808	679 886	582 294	550 994	656 660
-Professional equipment	6 985 843	658 415	659 942	657 448	639 453	620 975	636 396
Motor vehicles, parts and accessories and other transport equipment	161 650 617	14 215 499	14 916 986	15 200 257	13 820 909	14 610 049	14 820 773
-Motor vehicles	82 269 350	7 155 059	7 184 399	8 263 152	6 878 114	7 342 288	7 992 495
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	676 578	729 828	673 592	636 009	665 986	634 881
-Parts and accessories	56 427 275	5 100 600	5 542 939	5 004 451	4 992 990	5 289 424	4 895 842
-Other transport equipment	15 342 770	1 283 262	1 459 820	1 259 062	1 313 796	1 312 351	1 297 556
Furniture and other manufacturing division	54 874 328	4 514 333	4 924 208	4 795 116	4 530 423	4 818 641	4 814 836
-Furniture	10 639 747	928 491	943 156	954 499	894 243	946 057	921 356
-Other manufacturing groups	44 234 581	3 585 842	3 981 052	3 840 617	3 636 180	3 872 584	3 893 480
Total	1 268 165 675	108 621 205	117 287 618	109 309 116	106 104 902	114 665 629	106 771 078

1/ Preliminary.
* Revised.

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 2010	Actual values			Seasonally adjusted values		
		* July 2010	1/ July 2011	Percentage change between July 2010 and July 2011	June 2011	1/ July 2011	Percentage change between June and July 2011
Food and beverages	248 528 861	19 968 719	21 229 697	6,3	21 726 991	21 687 595	-0,2
-Meat, fish, fruit, etc.	67 147 429	5 569 295	6 053 558	8,7	5 985 500	6 101 559	1,9
-Dairy products	22 395 405	1 897 158	1 886 070	-0,6	1 946 520	1 925 845	-1,1
-Grain mill products	41 968 004	3 520 665	3 763 336	6,9	3 814 261	3 654 950	-4,2
-Other food products	55 507 821	4 702 020	4 989 489	6,1	4 860 645	4 965 874	2,2
-Beverages	61 510 202	4 279 581	4 537 244	6,0	5 120 064	5 039 367	-1,6
Textiles, clothing, leather and footwear	39 304 498	3 262 671	3 189 863	-2,2	3 254 257	3 172 857	-2,5
-Textiles	4 434 749	365 798	333 357	-8,9	351 931	328 850	-6,6
-Other textile products	11 285 992	947 587	948 766	0,1	939 775	927 954	-1,3
-Knitted, crocheted articles	1 789 747	142 178	132 817	-6,6	145 947	138 966	-4,8
-Wearing apparel	14 242 260	1 169 709	1 117 930	-4,4	1 107 781	1 125 950	1,6
-Leather and leather products	3 889 005	325 791	333 502	2,4	373 653	332 804	-10,9
-Footwear	3 662 745	311 608	323 491	3,8	335 170	318 333	-5,0
Wood and wood products, paper, publishing and printing	106 468 918	9 360 684	8 703 157	-7,0	8 957 410	8 772 607	-2,1
-Sawmilling and planing of wood	7 812 905	676 129	730 120	8,0	717 467	687 868	-4,1
-Products of wood	14 991 913	1 257 291	1 289 995	2,6	1 263 733	1 287 589	1,9
-Paper and paper products	47 058 025	4 009 632	3 666 209	-8,6	3 891 229	3 745 153	-3,8
-Publishing	15 802 072	1 275 419	1 287 375	0,9	1 296 915	1 323 153	2,0
-Printing, recorded media	20 804 003	2 142 213	1 729 458	-19,3	1 788 065	1 728 844	-3,3
Petroleum, chemical products, rubber and plastic products	280 737 508	24 858 180	25 760 384	3,6	27 261 630	24 317 496	-10,8
-Coke, petroleum products and nuclear fuel	96 580 234	9 178 741	10 307 886	12,3	10 500 079	9 012 280	-14,2
-Basic chemicals	60 460 303	5 283 951	5 008 730	-5,2	5 897 322	4 965 404	-15,8
-Other chemical products	69 496 277	5 714 259	5 617 829	-1,7	5 998 575	5 676 667	-5,4
-Rubber products	12 022 322	1 113 516	1 298 594	16,6	1 148 777	1 192 099	3,8
-Plastic products	42 178 372	3 567 713	3 527 345	-1,1	3 716 876	3 471 046	-6,6
Glass and non-metallic mineral products	40 233 221	3 577 584	3 649 185	2,0	3 591 129	3 441 493	-4,2
-Glass and glass products	6 779 588	509 660	606 258	19,0	562 275	640 730	14,0
-Non-metallic mineral products	33 453 633	3 067 924	3 042 927	-0,8	3 028 854	2 800 763	-7,5
Basic iron and steel, non-ferrous metal products, metal products and machinery	283 445 050	24 069 350	22 152 021	-8,0	25 862 128	21 355 591	-17,4
-Basic iron and steel products	94 329 950	7 555 461	6 328 489	-16,2	8 052 880	6 188 771	-23,1
-Non-ferrous metal products	50 105 316	4 198 825	4 638 662	10,5	5 243 460	4 558 234	-13,1
-Structural metal products	26 008 715	2 322 217	2 212 416	-4,7	2 225 509	2 043 048	-8,2
-Other fabricated metal products	45 003 323	4 190 350	3 535 410	-15,6	3 997 103	3 169 952	-20,7
-General purpose machinery	28 248 527	2 415 567	2 104 641	-12,9	2 573 810	2 094 853	-18,6
-Special purpose machinery	30 812 487	2 626 996	2 688 143	2,3	2 982 360	2 657 678	-10,9
-Household appliances	8 936 732	759 934	644 260	-15,2	787 006	643 055	-18,3
Electrical machinery	39 093 760	3 534 951	3 292 102	-6,9	3 411 426	3 094 775	-9,3
Radio, television and communication apparatus and professional equipment	13 828 914	1 259 234	1 337 334	6,2	1 171 969	1 293 056	10,3
-Radio, television and communication apparatus	6 843 071	600 819	679 886	13,2	550 994	656 660	19,2
-Professional equipment	6 985 843	658 415	657 448	-0,1	620 975	636 396	2,5
Motor vehicles, parts and accessories and other transport equipment	161 650 617	14 215 499	15 200 257	6,9	14 610 049	14 820 773	1,4
-Motor vehicles	82 269 350	7 155 059	8 263 152	15,5	7 342 288	7 992 495	8,9
-Bodies for motor vehicles, trailers and semi-trailers	7 611 222	676 578	673 592	-0,4	665 986	634 881	-4,7
-Parts and accessories	56 427 275	5 100 600	5 004 451	-1,9	5 289 424	4 895 842	-7,4
-Other transport equipment	15 342 770	1 283 262	1 259 062	-1,9	1 312 351	1 297 556	-1,1
Furniture and other manufacturing division	54 874 328	4 514 333	4 795 116	6,2	4 818 641	4 814 836	-0,1
-Furniture	10 639 747	928 491	954 499	2,8	946 057	921 356	-2,6
-Other manufacturing groups	44 234 581	3 585 842	3 840 617	7,1	3 872 584	3 893 480	0,5
Total	1 268 165 675	108 621 205	109 309 116	0,6	114 665 629	106 771 078	-6,9

1/ Preliminary.
* Revised.

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 2005	Production indices (base: 2005=100)			Value of sales (R'000)		
		* May to Jul. 2010	May to Jul. 2011	Annual percentage change between May to Jul. 2010 and May to Jul. 2011	May to Jul. 2010	May to Jul. 2011	Annual percentage change between May to Jul. 2010 and May to Jul. 2011
Food and beverages	15,4	115,1	111,9	-2,8	60 057 391	63 518 467	5,8
-Meat, fish, fruit, etc.	1,8	114,9	118,8	3,4	16 584 146	18 023 642	8,7
-Dairy products	0,8	103,0	104,9	1,8	5 349 305	5 505 894	2,9
-Grain mill products	0,8	113,2	106,5	-5,9	10 559 394	11 395 642	7,9
-Other food products	5,2	130,0	122,6	-5,7	14 136 571	14 841 354	5,0
-Beverages	6,8	105,5	103,3	-2,1	13 427 975	13 751 935	2,4
Textiles, clothing, leather and footwear	4,9	85,2	80,9	-5,0	9 980 963	9 692 121	-2,9
-Textiles	0,7	70,5	59,4	-15,7	1 157 032	1 091 900	-5,6
-Other textile products	0,9	72,9	71,5	-1,9	2 894 715	2 829 629	-2,2
-Knitted, crocheted articles	0,2	110,1	95,6	-13,2	490 285	456 722	-6,8
-Wearing apparel	2,1	85,8	81,0	-5,6	3 526 745	3 318 595	-5,9
-Leather and leather products	0,6	96,7	94,5	-2,3	1 033 492	1 064 625	3,0
-Footwear	0,4	105,9	109,7	3,6	878 694	930 650	5,9
Wood and wood products, paper, publishing and printing	10,2	98,9	93,7	-5,3	27 278 550	26 992 207	-1,0
-Sawmilling and planing of wood	0,7	85,4	89,5	4,8	1 934 442	2 122 475	9,7
-Products of wood	1,3	88,0	89,0	1,1	3 725 461	3 920 464	5,2
-Paper and paper products	3,8	116,8	104,7	-10,4	12 225 353	11 838 134	-3,2
-Publishing	1,9	81,4	81,5	0,1	3 963 819	3 931 745	-0,8
-Printing, recorded media	2,5	94,1	89,3	-5,1	5 429 475	5 179 389	-4,6
Petroleum, chemical products, rubber and plastic products	22,1	116,7	114,3	-2,1	72 581 585	82 463 813	13,6
-Coke, petroleum products and nuclear fuel	8,5	102,7	98,6	-4,0	26 949 191	34 218 625	27,0
-Basic chemicals	4,5	134,8	129,1	-4,2	14 891 159	16 624 590	11,6
-Other chemical products	5,3	115,6	115,6	0,0	17 155 573	17 265 380	0,6
-Rubber products	1,0	89,4	97,9	9,5	3 123 750	3 558 711	13,9
-Plastic products	2,7	142,6	142,5	-0,1	10 461 912	10 796 507	3,2
Glass and non-metallic mineral products	4,8	97,5	98,4	0,9	10 307 049	10 662 102	3,4
-Glass and glass products	1,0	115,5	111,7	-3,3	1 557 952	1 650 003	5,9
-Non-metallic mineral products	3,8	92,9	95,1	2,4	8 749 097	9 012 099	3,0
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	92,4	90,7	-1,8	73 379 172	74 601 631	1,7
-Basic iron and steel products	7,7	85,0	79,5	-6,5	25 425 863	23 700 985	-6,8
-Non-ferrous metal products	3,4	99,2	109,0	9,9	12 273 098	15 243 218	24,2
-Structural metal products	2,0	97,6	89,8	-8,0	6 761 520	6 712 419	-0,7
-Other fabricated metal products	3,8	112,9	110,0	-2,6	11 738 813	11 501 695	-2,0
-General purpose machinery	2,4	69,9	69,8	-0,1	7 212 534	7 136 412	-1,1
-Special purpose machinery	3,1	90,8	90,6	-0,2	7 700 236	8 139 538	5,7
-Household appliances	0,6	100,7	95,7	-5,0	2 267 108	2 167 364	-4,4
Electrical machinery	2,5	126,7	127,6	0,7	10 262 980	10 209 092	-0,5
Radio, television and communication apparatus and professional equipment	1,1	98,1	104,9	6,9	3 462 795	3 618 906	4,5
-Radio, television and communication apparatus	0,4	93,7	100,5	7,3	1 625 943	1 682 511	3,5
-Professional equipment	0,7	100,8	107,7	6,8	1 836 852	1 936 395	5,4
Motor vehicles, parts and accessories and other transport equipment	10,9	102,3	105,0	2,6	41 740 775	43 690 163	4,7
-Motor vehicles	4,9	94,1	99,1	5,3	20 968 782	21 715 694	3,6
-Bodies for motor vehicles, trailers and semi-trailers	0,5	126,8	126,6	-0,2	2 033 418	2 051 248	0,9
-Parts and accessories	4,7	105,4	106,8	1,3	14 821 733	15 859 321	7,0
-Other transport equipment	0,9	116,7	116,6	-0,1	3 916 842	4 063 900	3,8
Furniture and other manufacturing division	5,2	94,0	96,4	2,6	13 939 071	14 536 393	4,3
-Furniture	1,3	95,1	93,1	-2,1	2 692 767	2 843 808	5,6
-Other manufacturing groups	3,9	93,6	97,6	4,3	11 246 304	11 692 585	4,0
Total	100,0	103,9	102,3	-1,5	322 990 331	339 984 895	5,3

* Revised.

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 2005	Indices (base: 2005=100)				Value of sales (R million)			
		* Jan. to Jul. 2010	Jan. to Jul. 2011	Annual percentage change between 2010 and 2011	Contribution (percentage points)	* Jan. to Jul. 2010	Jan. to Jul. 2011	Annual percentage change between 2010 and 2011	Difference in sales between 2010 and 2011
Food and beverages	15,4	108,4	108,9	0,5	0,1	135 825	144 254	6,2	8 429
-Meat, fish, fruit, etc.	1,8	111,1	114,9	3,4	0,1	36 925	40 384	9,4	3 459
-Dairy products	0,8	104,0	109,2	5,0	0,0	12 343	12 940	4,8	597
-Grain mill products	0,8	107,9	104,3	-3,3	0,0	23 831	25 110	5,4	1 279
-Other food products	5,2	107,9	106,7	-1,1	-0,1	30 579	32 305	5,6	1 726
-Beverages	6,8	108,6	109,4	0,7	0,1	32 147	33 516	4,3	1 369
Textiles, clothing, leather and footwear	4,9	82,8	78,5	-5,2	-0,2	22 551	21 659	-4,0	-892
-Textiles	0,7	68,5	60,1	-12,3	-0,1	2 607	2 557	-1,9	-50
-Other textile products	0,9	72,8	69,7	-4,3	0,0	6 618	6 286	-5,0	-332
-Knitted, crocheted articles	0,2	110,4	99,5	-9,9	0,0	1 120	1 052	-6,1	-68
-Wearing apparel	2,1	83,8	77,9	-7,0	-0,1	8 009	7 357	-8,1	-652
-Leather and leather products	0,6	91,2	94,1	3,2	0,0	2 281	2 448	7,3	167
-Footwear	0,4	99,8	99,0	-0,8	0,0	1 916	1 959	2,2	43
Wood and wood products, paper, publishing and printing	10,2	92,8	92,7	-0,1	0,0	59 459	60 917	2,5	1 458
-Sawmilling and planing of wood	0,7	83,0	84,9	2,3	0,0	4 425	4 637	4,8	212
-Products of wood	1,3	83,6	85,1	1,8	0,0	8 298	8 716	5,0	418
-Paper and paper products	3,8	109,5	105,2	-3,9	-0,2	26 315	26 497	0,7	182
-Publishing	1,9	79,0	81,0	2,5	0,0	8 992	9 196	2,3	204
-Printing, recorded media	2,5	85,1	88,3	3,8	0,1	11 428	11 871	3,9	443
Petroleum, chemical products, rubber and plastic products	22,1	110,0	111,7	1,5	0,4	157 929	180 810	14,5	22 881
-Coke, petroleum products and nuclear fuel	8,5	93,7	95,7	2,1	0,2	55 829	71 724	28,5	15 895
-Basic chemicals	4,5	123,7	125,5	1,5	0,1	32 917	36 922	12,2	4 005
-Other chemical products	5,3	113,6	114,8	1,1	0,1	38 500	39 932	3,7	1 432
-Rubber products	1,0	85,9	95,6	11,3	0,1	7 040	7 999	13,6	959
-Plastic products	2,7	139,9	138,2	-1,2	0,0	23 644	24 233	2,5	589
Glass and non-metallic mineral products	4,8	90,4	91,2	0,9	0,0	22 282	23 200	4,1	918
-Glass and glass products	1,0	112,0	109,7	-2,1	0,0	3 445	3 701	7,4	256
-Non-metallic mineral products	3,8	85,0	86,6	1,9	0,1	18 837	19 499	3,5	662
Basic iron and steel, non-ferrous metal products, metal products and machinery	22,9	89,5	90,2	0,8	0,2	163 149	171 792	5,3	8 643
-Basic iron and steel products	7,7	85,0	82,2	-3,3	-0,2	56 019	57 084	1,9	1 065
-Non-ferrous metal products	3,4	97,5	107,0	9,7	0,3	27 483	34 634	26,0	7 151
-Structural metal products	2,0	90,3	87,9	-2,7	0,0	14 737	15 236	3,4	499
-Other fabricated metal products	3,8	105,1	107,4	2,2	0,1	26 022	25 825	-0,8	-197
-General purpose machinery	2,4	67,6	67,1	-0,7	0,0	15 998	15 855	-0,9	-143
-Special purpose machinery	3,1	88,2	88,6	0,5	0,0	17 817	18 145	1,8	328
-Household appliances	0,6	96,6	94,8	-1,9	0,0	5 074	5 013	-1,2	-61
-Electrical machinery	2,5	124,3	126,4	1,7	0,1	22 375	23 236	3,8	861
Radio, television and communication apparatus and professional equipment	1,1	91,5	98,6	7,8	0,1	7 714	8 158	5,8	444
-Radio, television and communication apparatus	0,4	89,7	93,5	4,2	0,0	3 743	3 882	3,7	139
-Professional equipment	0,7	92,6	101,8	9,9	0,1	3 971	4 275	7,7	304
Motor vehicles, parts and accessories and other transport equipment	10,9	95,6	101,8	6,5	0,7	93 101	97 636	4,9	4 535
-Motor vehicles	4,9	84,9	95,8	12,8	0,5	47 214	47 811	1,3	597
-Bodies for motor vehicles, trailers and semi-trailers	0,5	115,8	120,6	4,1	0,0	4 242	4 512	6,4	270
-Parts and accessories	4,7	101,7	103,6	1,9	0,1	33 044	35 993	8,9	2 949
-Other transport equipment	0,9	111,1	115,2	3,7	0,0	8 600	9 320	8,4	720
Furniture and other manufacturing division	5,2	91,3	92,9	1,8	0,1	31 207	33 412	7,1	2 205
-Furniture	1,3	85,8	87,0	1,4	0,0	5 651	6 159	9,0	508
-Other manufacturing groups	3,9	93,1	94,9	1,9	0,1	25 556	27 253	6,6	1 697
Total	100,0	98,7	100,0	1,3	1,3	715 592	765 076	6,9	49 484

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.

* Revised.

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 updating 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 the 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 July 2011 was 87,7%. The response rate for June 2011 (new sample) was 90,7%.
- 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 3 029 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 on non-respondents.
- 12 The value of sales of manufactured products is obtained monthly from the sample of 3 029 enterprises, which was drawn in April 2011 from a population then of 51 805 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 2011, 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 F for the fixed weights which were used for the three periods 1998 to 2000, 2001 to 2004 and 2005 to 2011).

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 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 |
- Changes in this publication** 26 The results published today are based on a new sample drawn in April 2011. The periodic introduction of a new sample is part of Stats SA's strategic approach in improving the basis from which surveys are conducted.
- The new sample was conducted in parallel with the previous sample for April to June 2011. Comparison of total sales estimates from the new and previous samples shows a 1,3% higher level of sales from the new sample.

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	15 000 000
Small	15 000 001	39 000 000
Medium	39 000 001	153 000 000
Large	153 000 001	

Glossary

Enterprise	The enterprise is a legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its production activities.
Index of physical volume of manufacturing production	The index of physical volume of manufacturing production, also known as a production index, is a statistical measure of the change in the volume of production. The production index of a major group is the ratio between the volume of production of a major group in a given period and the volume of production of the same major group in the base period. The base period is 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 F – 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 - 2011
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

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.

Stats SA has copyright on this publication. Users may apply the information as they wish, provided that they acknowledge Stats SA as the source of the basic data wherever they process, apply, utilise, publish or distribute the data; and also that they specify that the relevant application and analysis (where applicable) result from their own processing of the data.

Advance release calendar

An advance release calendar is disseminated on www.statssa.gov.za

Stats SA products

A complete set of Stats SA publications is available at the Stats SA Library and the following libraries:

National Library of South Africa, Pretoria Division
National Library of South Africa, Cape Town Division
Natal Society Library, Pietermaritzburg
Library of Parliament, Cape Town
Bloemfontein Public Library
Johannesburg Public Library
Eastern Cape Library Services, King William's Town
Central Regional Library, Polokwane
Central Reference Library, Nelspruit
Central Reference Collection, Kimberley
Central Reference Library, Mmabatho

Stats SA also provides a subscription service.

Electronic services

A large range of data is available via online services. For more details about our electronic data services, contact Stats SA's user information service at (012) 310 8600.

You can visit us on the Internet at: www.statssa.gov.za

Enquiries

Telephone number:	(012) 310 8249 (technical enquiries) (012) 310 8600 (user information services) (012) 310 8358 (orders/subscription services)
Fax number:	(012) 310 8664 (technical enquiries)
Email address:	gerdab@statssa.gov.za (technical enquiries) orapelengm@statssa.gov.za (technical enquiries) info@statssa.gov.za (user information services) magdaj@statssa.gov.za (orders/subscription services)
Postal address:	Private Bag X44, Pretoria, 0001

Produced by Stats SA