



Dipalopalo tsa Aforika Borwa • Statistieke Suid-Afrika • Tistatistiki ta Afrika-Dzonga • Ukuqokelelwa kwamanani eNingizimu Afrika

Manufacturing: Production and sales October 2004

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Table A - Selected key figures regarding manufacturing production and sales for October 2004

Actual estimates	October 2004	% change between October 2003 and October 2004	% change between September and October 2004	% change between August to October 2003 and August to October 2004	% change between January to October 2003 and January to October 2004
Physical volume of manufacturing production index (2000=100)	122,9	+5,3	+6,9	+6,0	+3,5
Total value of sales of manufactured products (R million)	73 010	+11.4	+5,3	+11,2	+7.8

Seasonally adjusted estimates	October 2004	% change between October 2003 and October 2004	% change between September and October 2004	% change between May to July 2004 and August to October 2004
Physical volume of manufacturing production index (2000=100)	111,3	+5,3	-0,7	+1,6
Total value of sales of manufactured products (R million)	66 386	+11,4	-1,0	+2,1

Key findings regarding manufacturing production and sales for October 2004

Manufacturing production increases

Manufacturing production for the three months ended October 2004 increased by 1,6%, after seasonal adjustment, compared with the previous three months. Higher production was reported by seven of the ten manufacturing divisions.

The major contributor to the seasonally adjusted increase of 1,6% in total manufacturing production for the three months ended October 2004 compared with the previous three months was the food and beverages division (contributing +0,5 of a percentage point to total manufacturing production), followed by the motor vehicles, parts and accessories and other transport equipment division and the wood and wood products, paper, publishing and printing division (each contributing +0,4 of a percentage point) and furniture and 'other' manufacturing divisions (contributing +0,3 of a percentage point) (see table B).

Figure 1 shows the seasonally adjusted and trend series for the volume index of manufacturing production between January 1998 and October 2004. The trend series has been rising since mid-2003 and reached a peak at October 2004.

Figure 1 – Index of the physical volume of manufacturing production

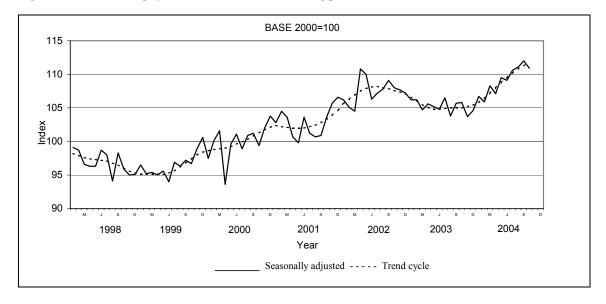


Table B - Contribution of manufacturing divisions to total manufacturing production (Base 2000=100)

Manufacturing divisions	contribution to the total manufacturing production using the weights	adjusted production index for August 2004 to October 2004	Quarterly percentage change of August to October 2004 compared with the preceding three months	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total
Food and beverages	16,4	115,5	+3,0	+0,5
Textiles, clothing, leather and footwear	 5,4	100,3	-1,0	-0,0
Wood and wood products, paper,	İ	·	·	i
publishing and printing Petroleum, chemical products,	11,0	108,5	+4,0	+0,4
rubber and plastic products	22,5	111,6	+0,2	+0,1
Glass and non-metallic mineral		445.4		
products Basic iron and steel,	3,9	117,1	+2,2	+0,1
non-ferrous metal products,	 			
metal products and machinery	22,4	112,1	-0,3	-0,1
Electrical machinery	2,7	100,1	+0,8	0,0
Radio, television and communication apparatus and	İ			
professional equipment	1,3	101,1	-8,8	-0,1
Motor vehicles, parts and	i İ			i i
accessories and	l			1
other transport equipment Furniture and other	8,6	120,5	+4,6	+0,4
manufacturing divisions	5,8	104,3	+5,9	+0,3
Total	100,0	111,5	+1,6	+1,6

^{1/} The contribution is calculated by multiplying the quarterly percentage change of each manufacturing division with its corresponding weight in the base year, divided by 100.

Sales of manufactured products increase

The total value of sales of manufactured products at current prices for the three months ended October 2004 increased by 2,1% (+R4 013 million), after seasonal adjustment, compared with the previous three months. Higher manufacturing sales were reported by eight of the ten manufacturing divisions during this period (see table C). Furthermore, the actual value of sales of manufactured products at current prices for the three months ended October 2004 was 11,2% higher than for the three months ended October 2003 (see table D). Sales of manufactured products at current prices for the first ten months of 2004 was 7,8% higher than for the first ten months of 2003.

The seasonally adjusted increase of 2,1% in the total value of sales of manufactured products at current prices for the three months ended October 2004 was mainly due to large increases reported for motor vehicles, parts and accessories and other transport equipment (+5,8% or +R1 633 million), wood and wood products, paper, publishing and printing (+2,2% or +R376 million), basic iron and steel, non-ferrous metal products, metal products and machinery (+2,0% or +R863 million) and food and beverages (+2,0% or +R695 million) (see table C).

Table C - Contribution of the manufacturing divisions to the total value of seasonally adjusted sales of manufactured products

Manufacturing divisions 	adjus sales Augus to		Percentage change between May to 4 July 2004 and August to October 2004	season adjust sales manufa divisi betwee May to July 2 and August	ed of cturing ons n
	 R	000		Octobe R	r 2004 '000
Food and beverages Textiles, clothing,	34	809 45	6 +2,0	694	915
leather and footwear	8	961 99	7 -2,9	-263	494
Wood and wood products, paper, publishing and printing	1 17	254 87	4 +2,2	376	368
Petroleum, chemical products, rubber and plastic products	40	333 06	2 +0,2	90	371
Glass and non-metallic mineral products Basic iron and steel, non-ferrous metal products,	 6 	128 64	8 +3,3	197	195
metal products and machinery Electrical machinery Radio, television and		192 84 328 54			264 289
communication apparatus and professional equipment Motor vehicles, parts and accessories and] 2	661 70	0 -2,6	-70	581
accessories and other transport equipment Furniture and other	29	981 95	8 +5,8	1 632	938
Furniture and other manufacturing divisions	9	340 94	2 +3,0	272	799
Total	198	994 02	3 +2,1	4 013	066

The major contributors to the increase of 11,2% in sales of manufactured products at current prices for the three months ended October 2004 compared with the three months ended October 2003 were basic iron and steel, non-ferrous metal products, metal products and machinery (+3,0 percentage points or +R5 604 million), motor vehicles, parts and accessories and other transport equipment (+2,5 percentage points or +R4 694 million), food and beverages (+2,0 percentage points or +R3 723 million) and petroleum, chemical products, rubber and plastic products (+2,0 percentage points or +R3 693 million) (see table D).

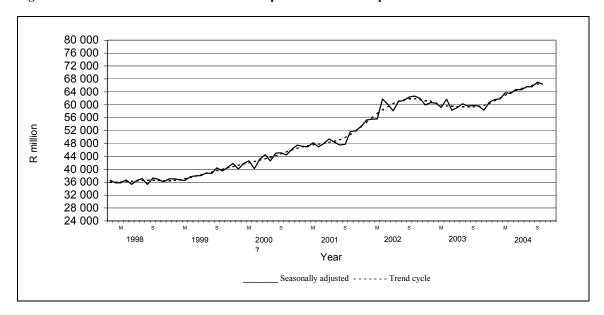
Table D - Contribution of the manufacturing divisions to total value of sales of manufactured products

Manufacturing division 	manufactured products August to October 2003	change between August to October 2003 and August to	to the percentage change in the total value of sales of manufactured products 1/	in sales of manufacturing divisions between August to October 2003 and August
Food and beverages	16,9	11,8	2,0	3 723 490
Textiles, clothing, leather and footwear Wood and wood products, paper,	5,1	1,4	0,1	139 088
publishing and printing Petroleum, chemical products,	9,0	5,7	0,5	961 038
rubber and plastic products Glass and non-metallic mineral	20,5	9,6	2,0	3 692 781
products Basic iron and steel,	2,9	21,1	0,6	1 166 253
non-ferrous metal products, metal products and machinery	21,8	13,6	3,0	5 603 876 I
Electrical machinery Radio, television and	2,9	2,3	0,1	124 175
communication apparatus and professional equipment Motor vehicles, parts and accessories and	1,5	-3,9	-0,1	-110 662 -110 662
other transport equipment Furniture and other	14,5	17,3	2,5	4 693 628
manufacturing divisions	4,8	11,2	0,5	1 001 401
Total	100,0	11,2	11,2	20 995 068

^{1/} The contribution (percentage points) is calculated by multiplying the percentage change of each manufacturing division with the percentage contribution of the same division during corresponding period, divided by 100.

Figure 2 shows the seasonally adjusted and trend series for sales of manufactured products between January 1998 and October 2004. After peaking in September 2002, the series declined until May 2003, before resuming its upward movement.

Figure 2 - Total value of sales of manufactured products at current prices



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Notes

Forthcoming issues	Issue	Expected release date
	November 2004	11 January 2005
Purpose of the survey	calculate indices of the phy provide an indicator of the are used in monitoring the	manufacturing production and sales survey are used to sical volume of manufacturing production. These indices real level of manufacturing activity in the economy. They state of the economy and formulation of economic policy. Its to estimation of the Gross Domestic Product (GDP).
Special Data Dissemination Standard of the IMF	(SDDS) of the International	elease adhere to the Special Data Dissemination Standard al Monetary Fund (IMF), which sets out standards on: neliness of data; access by the public; integrity; and quality

Detailed tables

Table 1 - Indices of the physical volume of manufacturing production: Total

Base 2000 = 100

	1998		2000		2002	2003	2004
				Actual indices			
J	85,8	83,6	85,2		93,7	94,4	94,1
F	97,2	93,7	98,7	102,7	103,6	104,4	104,1
M	98,9	97 , 9	104,8	106,8	108,2	108,4	111,8
Α	92,3	90,7	89,0	95,3	104,4	99,9	101,6
M	96,9	95,9	99,9	100,2	110,3	105,4	109,9
J	99,6	94,8	102,1	104,0	106,7	105,3	109,4
J	100,0	98,3	100,1	102,8	108,8	108,5	112,5
A	95,6	97,7	102,5	102,3	109,8	106,0	113,2
S	102,3	100,9	104,8	103,1	111,4	108,4	115,0
0		107,3	109,8	114,9	119,6	116,7	122,9 1
N		109,9	113,6	117,6	119,8	115,0	
D	81,8	86,3	89,5	92,5	92,7	91,4	
Year	96,9	96,4	100,0	102,8	107,4	105,3	
				Seasonally adju	sted indice	s	
J	99,0	96 , 5	97 , 5	103,0	106,3	107,3	106,7
F	98,7	95,2	100,1	104,6	105,2	106,2	105,9
M	96,7	95 , 5	101,7	103,6	104,5	104,7	108,3
Α	96,3	95,0	93,7	100,7	110,8	105,6	
M	96,3	95,6	99,5	99,9	110,0	105,2	109,6
J	98,7	94,0	101,1	103,6	106,3	104,8	109,1
J	98,0	96,9	98,9	101,0	107,0	106,6	110,7
Α	94,1	96,3	100,9	100,5	107,7	103,9	111,2
S	98,2	97,2	101,2	100,6	108,8	105,6	112,1
0	95,9	96,7	99,4	104,0	108,4	105,7	111,3
N	95,0	98,8	102,0	105,7	107,7	103,7	
D	95,0	100,5	103,7	106,6	107,2	104,6	

^{1/} Preliminary.

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

Month	1998	1999	- 1	2000	2001	-1	2002	1	2003	- 1	2004
 J		-2,6		+1,9	 +6,6		+3,2		+0,7		-0,3
l F	1	-3,6		+5,3	+4,1		+0,9		+0,8		-0,3
l M	1	-1,0		+7,0	+1,9		+1,3		+0,2		+3,1
l A	1	-1,7		-1,9	+7,1		+9,5		-4,3		+1,7
l M	1	-1,0		+4,2	+0,3		+10,1		-4,4		+4,3
l J	1	-4,8		+7,7	+1,9		+2,6		-1,3		+3,9
l J	1	-1,7		+1,8	+2,7		+5,8		-0,3		+3,7
l A	1	+2,2		+4,9	-0,2		+7,3		- 3,5		+6,8
l S	1	-1,4		+3,9	-1,6		+8,1		-2,7		+6,1
1 0	1	+0,4		+2,3	+4,6		+4,1		-2,4		+5,3
l N	1	+4,2		+3,4	+3,5		+1,9		-4,0		
l D	1	+5,5		+3,7	+3,4		+0,2		-1,4		
 Year		-0,5		+3,7	 +2,8		+4,5		-2,0		

The percentage change is the change in the index of the physical volume of manufacturing production of the relevant year compared with the index of physical volume of manufacturing production of the previous year expressed as a percentage.

Table 3 - Indices of the physical volume of manufacturing production by manufacturing division

Base 2000 = 100

 !	Manufactural and	 	 	Act	ual indice	es	Seasonal	ly adjuste	ed indices
1	Manufacturing divisions	 Weights 			 September		October	 September	
		 	2003 	2003	20	004	2003	200)4
į	Food and beverages Textiles, clothing,	16,4	103,6	114,0	117,1	123,7	105,6	114,7	114,8
į	leather and footwear Wood and wood products, paper,	5,4	95 , 7	118,7	104,3	122,0	99,1	100,4	101,9
į	publishing and printing Petroleum, chemical products,	11,0	100,5	109,3	113,4	121,6	100,7	109,1	112,1
į	rubber and plastic products Glass and non-metallic mineral		106,6	115,0	110,0	118,7	106,7	111,7	110,1
i	products Basic iron and steel, non-ferrous metal products,		104 , 5	122,7	126,8	128,7	108,8	119,1	114,2
1	metal products and machinery Electrical machinery Radio, television and			120,1 110,3	117,3 102,1	119,4 110,6	112,2 99,2	113,4 99,6	111,8 100,3
	communication apparatus and professional equipment Motor vehicles, parts and accessories and	1,3	 101,2 	1 109,0	106,4	104,9	103,0	101,7	98,8
1	other transport equipment Furniture and other	İ	İ	123,7	132,2	135,1	106,8	123,8	116,8
- I	manufacturing divisions Total			119,4 116,7	107,3 115,0	141,9 122,9	92,8 105,7	103,4 112,1	109,6 111,3

^{1/} Preliminary.

Table 4 - Total sales of manufacturing industry (R'000)

Month	1	1998	- 1	1	1999	I	20	000		1 :	2001		1 2	2002		1	2003		2	2004		
										Actua	l va	lues										
 Ј	30	576	822	31	165	950	33	906	711	40	233	251	47	375	894	51	643	823	52	541	243	
F	35	498	013	36	217	248	41	487	385	46	701	165	55	226	455	59	099	962	60	406	324	
M	38	210	216	38	782	180	45	391	460	51	045	548	58	657	750	61	384	235	65	908	558	
A		326			079			606			861			046			115			010		
M		971			617			799			988			240			700			290		
J		522			201				926		924			827			613			828		
J		828			493				506		906			523			397				059	
A		464			882			347			882			111			566			600		
S		084				261			496		070			371			812			321		
0		638				235			166		505			692			558		73	009	657	1/
N	40					203		246				310		910			569					
D	33	832	128	38	693	441	43	806	233	49	356	948	55	5///	013	55	647	226				
Year	442	787	993	470	724	592	531	640	729	596	138	752	726	561	143	717	109	533				
										Season	ally	adjı	ısted	valı	ues							
 Ј	 I 37	084	399	37	546	686	40	522	070	47	524	241	55	827	375	60	687	733	61	590	623	
F	36	360	981	37	110	653	42	437	310	47	837	259	56	471	916	60	481	893	61	867	431	
M	36	540	120	37	167	438	43	423	708	48	953	609	56	373	276	59	175	398	63	702	531	
A	37	293	671	38	163	171	40	915	074	47	631	708	62	923	908	61	687	628	63	520	649	
M	36	057	550	38	629	888	43	639	150	48	692	255	60	770	099	58	286	516	64	753	286	
J	36	898	557	38	517	805	45	158	634	50	099	257	59	066	837	59	162	790	64	652	677	
J		814		39	580	911		205			011			504			324			574		
A		861				103		684			155			070			632				256	
S		743				116		846			542			325			788				412	
0		292				712			782		318			416			608		66	386	355	
N		681				248			662		747			117			320					
D	1 27	187	161	42	450	257	47	934	456	53	576	133	60	783	736	60	816	410				

^{1/} Preliminary.

Table 5 - Percentage change in the actual value of sales of the manufacturing industry: Total

Mon	nth	1	1998	1	1999	- 1	2000	1	2001	1	2002	1	2003	- 1	2004	
J	 J	1			+1,9		+8,8		+18,7		+17,8		+9,0		+1,7	
F	?				+2,0		+14,6		+12,6		+18,3		+7,0		+2,2	
M	1				+1,5		+17,0		+12,5		+14,9		+4,6		+7,4	
A	A				+2,1		+7,0		+16,2		+31,6		-1,6		+3,3	
M	1				+7,4		+13,4		+11,8		+25,0		-4,1		+11,2	
J	J				+4,5		+17,4		+10,6		+17,5		-0,4		+8,7	
J	J				+4,4		+9,1		+13,5		+25,8		-1,8		+9,0	
A	A				+9,4		+16,2		+5,5		+29,1		-4,0		+10,0	
5	3				+8,1		+12,1		+5,7		+30,6		-5,4		+12,1	
0)	Ĺ			+6,6		+11,7		+16,0		+21,2		-5,9		+11,4	
N	J	1			+12,6		+13,7		+12,3		+19,2		-7,6			
[)				+14,4		+13,2		+12,7		+12,6		+0,1			
					+6,3		+12,9		+12,1		+21,9		-1,3			

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

Table 6 - Sales of manufactured products by manufacturing division (R'000)

	 !			 !			Act	tual	valı	ies			S	easor	nally	 у ас	djust	ed v	zalı	ies	 !
Manufacturing divisions	 	Year	<u>-</u>	Oct	tobe	r	Ser	pteml	oer	Oct	tobei	1/		ctobe	er	Se	epter	nber	Oct	obe	
	 	2003	3	<u> </u>	2003				20	04			:	2003				2004	1		'
	124	771	847	10	920	095	11	688	223	12	230	839	10	362	549	11	623	342	11	601	567
Textiles, clothing, leather and footwear	35	505	661	3	493	099	3	144	864	3	554	264	2	952	039	3	021	821	3	000	804
Wood and wood products, paper, publishing and printing	l l 65	416	117	5	795	966	6	127	082	6	333	590	l I 5	379	137	5	779	852	5	866	418
	 148	180	564	 13	694	542	13	713	993	14	891	066	 12	230	353	13	503	619	13	355	314
Glass and non-metallic mineral products	 20	136	354	1	949	941	2	193	451	2	329	790	 1	696	372	2	051	237	2	030	106
Basic iron and steel, non-ferrous metal products,	 												 								1
Electrical machinery			658 441		995 867							301 319		057 729			976 754			700 811	
Radio, television and communication apparatus and professional equipment	 11	116	190	 1	011	164		943	606		930	691	 	984	434		900	406		897	 392
Motor vehicles, parts and accessories and other transport equipment	1102	51/	31.0		171	011	1.0	610	258	11	303	823	 ι α	360	273	1.0	286	105	a	952	 897
Furniture and other manufacturing divisions	İ		383	İ								974	İ								667
Total	1717	109	533	65	558	708	69	321	988	73	009	657	59	608	983	67	036	412	66	386	355

^{1/} Preliminary.

Explanatory notes

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Introduction

- Statistics South Africa (Stats SA) conducts a monthly survey of the manufacturing industry, covering manufacturing enterprises. This statistical release contains the results of a sample drawn from the new business register, with significantly 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 division within manufacturing.
- In accordance with international practice, the indices are re-based every five years to a new base year. The base period of the index is 2000. Both actual and seasonally adjusted figures are presented.
- As is usual, information for the latest month has had to be estimated for respondents who have not reported by the cut-off date for production of results. These estimates will be revised in future statistical releases when their reported information becomes available.
- As indicated earlier, Stats SA developed a new business register, based on the value-added tax (VAT) database obtained from the South African Revenue Service (SARS), which replaced the previous business register. All enterprises are legally bound to register for VAT when their turnover for a period of twelve months equals or exceeds R300 000. Enterprises that conform to these criteria are included in the new business register, and hence were given a chance of selection in the new sample for the survey.

Scope of the survey

- 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

The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division (two digit) level. Each enterprise is classified to an industry which reflects its predominant activity.

Statistical unit

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.

Weighting methodology

- For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates. These procedures, which are in line with international best practice, are described in more detail on the Stats SA website at www.statssa.gov.za/publications/publicationsearch.asp.
- 9 For indices, a weight is calculated for every division according to the value added of the division 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 of the manufacturing industry. For the period 1996 to 2000 the weights are based on the 1996 Census of Manufacturing and for the period 2001 to 2004 the weights are based on the 2001 large sample survey of the manufacturing industry. Weights between census years are fixed. The production indices of all divisions are multiplied by the applicable weights and aggregated to produce the index for the total physical volume of manufacturing production (see table E for the fixed weights which were used for the two periods 1996 to 2000 and 2001 to 2004).

Survey methodology and design

The survey is conducted by mail on a monthly basis. Questionnaires are sent to a sample of just over 3 000 enterprises. Completed questionnaires are required to be returned to Stats SA within 10 days after the end of the reference month. Fax and telephone reminders are used to follow up non-respondents.

- 11 The value of sales of manufactured products is obtained monthly from the sample of just over 3 000 enterprises, which was drawn in January 2003 from a population then of approximately 31 000 manufacturing enterprises. Each manufacturing division is divided into four size groups. The sample is drawn at the SIC two-digit level. All large enterprises (size group one), which comprise about one-third of the enterprises in the current sample, 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 division is added to the weighted totals of size groups two, three and four of that division to reflect the total value of sales of the division.
- The calculation of the monthly production indices is based on the value of sales of products and articles manufactured, after the effect of price changes has been eliminated through deflation using appropriate indices of the Production Price Index (PPI). For six of the ten SIC divisions 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.
- More direct indicators are used for the production of coke and refined petroleum products, basic iron and steel products, basic precious and non-ferrous metal products, motor vehicles, bodies for motor vehicles, and parts and accessories for motor vehicles and other transport equipment. 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).

Seasonal adjustment

Seasonally adjusted estimates of all divisions 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

The trend is the long-term pattern or movement of a time series. The X-11 Seasonal Adjustment Program is used for smoothing seasonally adjusted estimates to estimates of the underlying trend cycle.

Reliability of estimates

- 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.
- 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	18	Revised figures are due to respondents reporting revisions or corrections to their figures and late submission of their data to Stats SA. Figures for the latest month are preliminary. Data are edited at the enterprise level.				
Related publications	19	Users may also wish to refer to the following publications available from Stats SA -				
			Statistics issued quarterly. s issued annually.			
Rounding of figures	20	The figures in the tables have, where necessary, been rounded to the nearest digit shown.				
Pre-release policy	21	Stats SA's pre	-release policy may be inspected at its website, www.statssa.gov.za.			
Symbols and abbreviations	22	GDP ISIC m SIC SARS Stats SA VAT 1/ *	Gross Domestic Product International Standard Industrial Classification Million Standard Industrial Classification of all Economic Activities South African Revenue Service Statistics South Africa Value added tax Preliminary figures Revised figures			

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 division is the ratio between the volume of production of a division in a given period and the volume of production of the same division in the base period. The base period is 2000. The production in the base period is set at 100.

Industry

An industry is made up of enterprises engaged in the same or similar kinds of economic activity. Industries are defined in the *System of National Accounts* (SNA) in the same way as in the *Standard Industrial Classification of all Economic Activities*, Fifth Edition, Report No. 09-90-02 of January 1993 (SIC).

Intermediate consumption

Intermediate consumption includes -

- 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 -

- 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.

Statistical unit

A statistical unit is a unit about which statistics are tabulated, compiled or published. The statistical units are derived from and linked to the South African Revenue Service (SARS) administrative data.

For the purpose of this publication, the statistical unit in the monthly Manufacturing: Production and Sales survey is the enterprise.

Turnover

Turnover refers to -

- the value of sales and transfers out of all own manufactured products/articles;
- amounts received for work done;
- amounts received for services rendered.

Turnover excludes -

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

Weight

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

Table E – Weights according to manufacturing divisions

Manufacturing divisions 	Weights according to the 1996 Census of Manu- facturing 1996 - 2000	Weights according to the 2001 large sample survey of the manufacturing industry 2001 - 2004
Food and beverages Textiles, clothing,	15,3	16,4
leather and footwear	7,8	5,4
Wood and wood products; paper; publishing and printing Petroleum, chemical products,	11,4	11,0
rubber and plastic products Glass and non-metallic mineral	19,3	22,5
products Basic iron and steel,	4,5	3,9
non-ferrous metal products; metal products and machinery Electrical machinery Radio, television and	23,6	22,4 2,7
communication apparatus; professional equipment Motor vehicles, parts and	1,5	1,3
accessories and other transport equipment Furniture and other	9,1	8,6
manufacturing divisions	4,1	5,8
Total	100,0	100,0

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