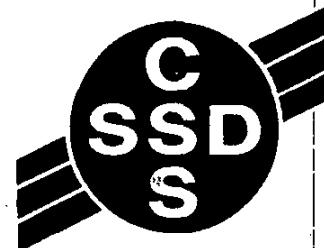


DIE BIBLIOTEK / THE LIBRARY
SENTRALE STATISTIEKDIENS
CENTRAL STATISTICAL SERVICE
PRIVATE SAK / PRIVATE BAG X 44
0001 PRETORIA



REPUBLIC OF SOUTH AFRICA



CENTRAL
STATISTICAL SERVICE

**Manufacturing:
production and sales
December 1995**

Statistical release

P3041.2

Co-operation between the Central Statistical Service and the residents of the RSA, the private sector and the government institutions is essential for a successful statistical system in the RSA. Without this continued co-operation and goodwill, the timely release of relevant and reliable official statistics will not be possible.

The CSS publishes approximately five hundred different releases per year. In the light of expenditure restraints in government, it is no longer economically viable to produce them in more than one of the eleven official languages in South Africa. Since the releases are also extensively used by the international economic and social-scientific communities, from 1996 CSS releases will be published in English.

Embargo: 09:30

Date: 15 February 1996

Published by the
Central Statistical Service
Private Bag X44
PRETORIA
0001
Tel. (012) 310-8911

The CSS has copyright on this information. You are, however, free to apply it as you wish provided that you acknowledge the CSS as the source of the basic data wherever you process, apply, utilise, publish or distribute the data; and also that you specify that the relevant application and analyses (where applicable) result from your own processing of the data.

CSS Library Cataloguing-in-Publication (CIP) Data

Manufacturing: production and sales / Central Statistical Service. - 1996-
Pretoria: Central Statistical Service, 1996-
p. ; 30 cm. (Statistical release; P3041.2)
Series formerly available as: Statistiese nuusberig = Statistical news release; P3041.2 and P10.2 and Statistiese vrystelling = Statistical release; P3041.2
From February 1996 title continues in English only
Monthly
1. Manufactures. I. South Africa. Central Statistical Service. II. Series.
(LCSH 11)

A complete set of CSS publications is available at the **CSS Library** and the following libraries:

State Library, Pretoria
Library of Parliament, Cape Town
South African Library, Cape Town
Bloemfontein Public Library
Natal Society Library, Pietermaritzburg
Johannesburg Public Library

MANUFACTURING PRODUCTION INCREASED BY 7,4% IN 1995

Although manufacturing production showed a declining trend as from the middle of 1995 the manufacturing production for the year 1995 shows an increase of 7,4% compared with the previous year. Higher production for 1995 was reported in 23 of the 28 manufacturing major groups.

The main contributors to the increase of 7,4% were the motor vehicle industry (1,0 percentage point), followed by the basic iron and steel (0,9 of a percentage point), petroleum and coal products (0,8 of a percentage point), machinery (0,7 of a percentage point) and paper industries (0,6 of a percentage point).

The total value of sales of manufactured products for 1995 (R299 628 million) showed an increase of 18,3% (R46 456 million) compared with 1994. The largest increases were recorded by the motor vehicle industry (+R8 489 million), food (+R4 313 million), basic iron (+R3 797 million) and paper industries (+R3 777 million).

SUMMARY - TOTAL MANUFACTURING

Period	Production indices		Sales R mill.	Percentage change of:	
	1990	100		Production- indices	Sales
Actual					
Oct. 1995 - Dec. 1995		105,1	80 453,4	+2,6	+14,4
Oct. 1994 - Dec. 1994		102,4	70 319,4		
Seasonally adjusted					
Oct. 1995 - Dec. 1995		101,5	77 705,4	-2,5	+3,0
Jul. 1995 - Sep. 1995		104,1	75 462,5		

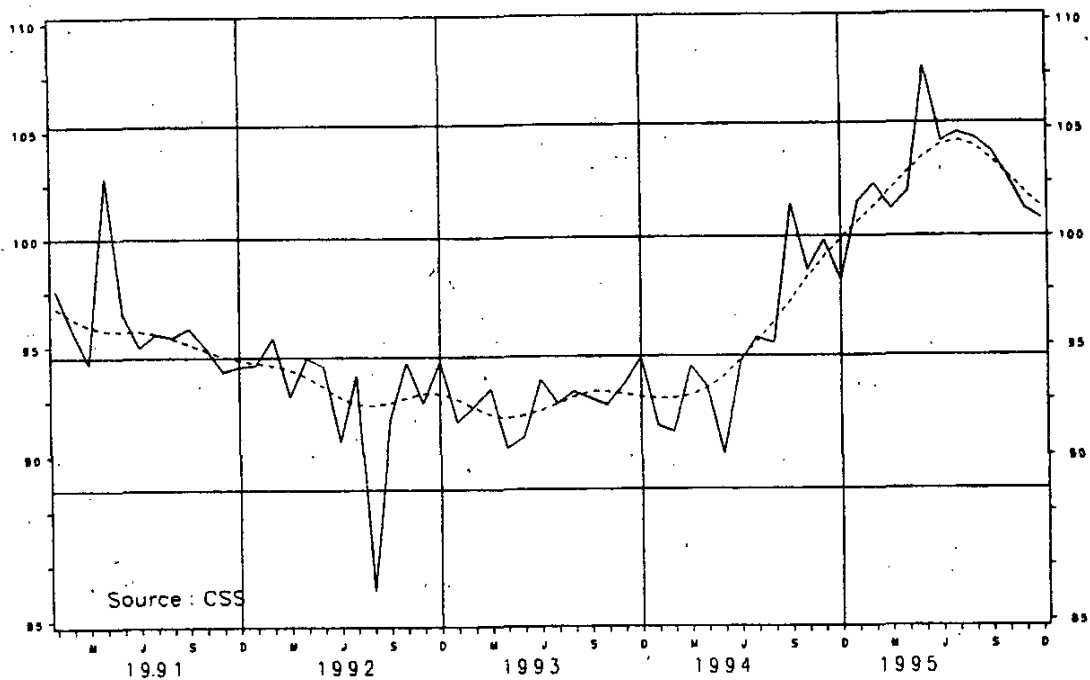
pp
HEAD: CENTRAL STATISTICAL SERVICE

ENQUIRIES:

Tel. (012) 310-8095/310-8040
(012) 310-8351/310-8390
(012) 310-8157 (technical enquiries)
Private Bag X44, Pretoria, 0001
Fax: 310-8500 310-8501

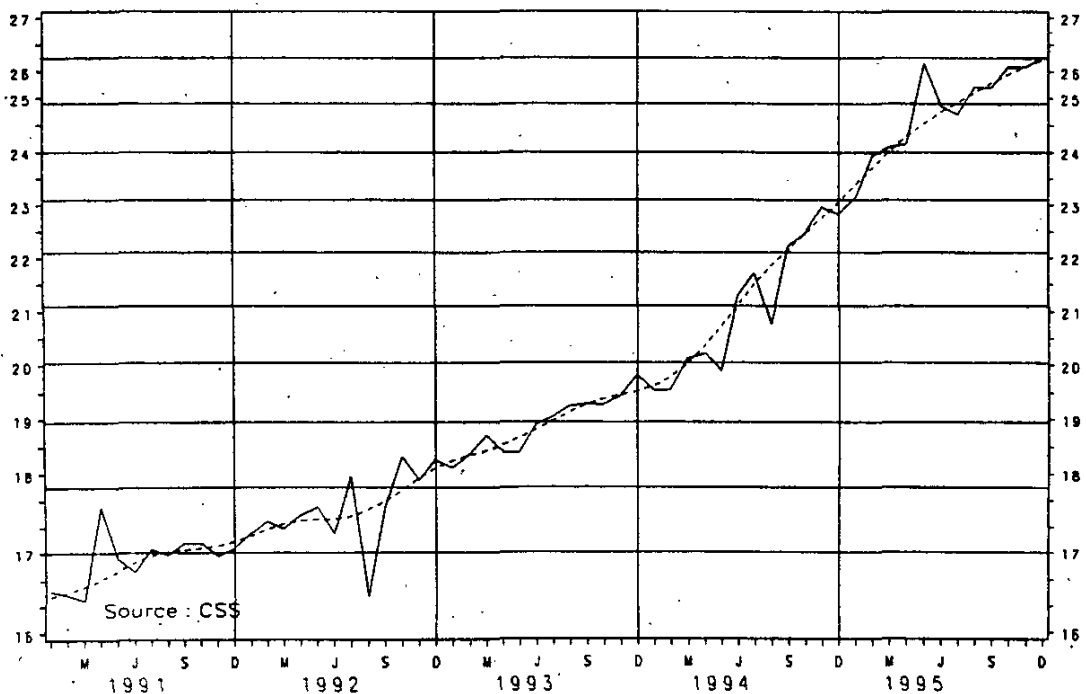
BLOEMFONTEIN (051) 447-7767	KEMPTON PARK (011) 394-3420/1	NELSPRUIT (01311) 52455/6
DURBAN (031) 305-3904	KIMBERLEY (0531) 33965	PIETERSBURG (0152) 295-7521
CAPE TOWN (021) 23-1040	KLERKSDORP (018) 462-4008	PORT ELIZABETH (041) 52-3801/2
BISHO (0401) 99-2457	UMTATA (0471) 305-2038	

MANUFACTURING
PHYSICAL VOLUME OF PRODUCTION
BASE 1990=100
INDEX



Scale: Semi-logarithmic
Seasonally adjusted ———
Trend cycle - - - -

MANUFACTURING
VALUE OF SALES
R MILLION



Scale: Semi-logarithmic
Seasonally adjusted ———
Trend cycle - - - -

NOTES

1. This statistical release shows indices of the physical volume of manufacturing production and the value of sales and unfilled orders, after benchmarking, according to manufacturing major groups. Both actual and seasonally adjusted figures are shown. Sales and production figures for Walvis Bay are excluded as from 1 March 1994. The former TBVC states are included.
2. The results of the 1988 and 1991 Manufacturing Censuses were used to adjust the level of the indices and the value of sales. This process is known as benchmarking. The total value of gross output of the manufacturing major groups (which represents the total value of work done by the establishments in these groups) as obtained from the respective manufacturing censuses, was deflated with appropriate subindices of the Production Price Index in order to calculate the real gross output. The latter served as benchmarks to verify or adjust the level of the monthly volume indices. The level adjustments were done on the volume indices for January of the relevant census year (e.g. the 1998 census year covers the period 1 July 1987 to 30 June 1988 and therefore the benchmarking was done on the index of January 1988).
3. The calculation of the monthly manufacturing indices is based on the value of manufactured products and articles after the effect of price changes has been eliminated by deflation by using appropriate sub-indices of the production price index (PPI). The value of the manufactured products is obtained from a monthly sample survey of manufacturing establishments in the private and public sectors.
4. The 1988 Manufacturing Census provided the framework for the selection of a revised sample implemented as from January 1995. A stratified systematic sample design based on gross output was used. Establishments which commenced operations after the census have also been taken into account. The weighting factors for the combining of the production indices for the manufacturing major groups to those for total manufacturing were calculated on the basis of the net output data obtained from the 1991 Manufacturing Census.
5. The 1988 and 1991 manufacturing censuses as well as the sample survey (before 1995) did not include information of the former TBVC states. To make the time series comparable, published and unpublished information for 1988 and 1991 was obtained from Statistical offices of the former TBVC states and has been incorporated. Thereafter, the level of the sample results was raised to link up with the benchmarks. The sample data do not reflect the influence of the cyclic movement of the establishments before January 1995 in the former TBVC states.
6. Production indices for the various manufacturing subgroups that were previously published in the *Bulletin of Statistics* were discontinued as from the indices for January 1993. The production indices on a subgroup basis can be obtained by approximation by deflating the value of sales according to manufacturing subgroups in statistical release P0142.1 (entitled *Production Price Index*) with the production price indices for the relevant manufacturing subgroups.
7. More comprehensive detail on the method of calculation and historical data in respect of the production indices according to manufacturing major groups and the value of sales for the period January 1987 to August 1995 were published in statistical releases P3041.3 (entitled *Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 1990=100, January 1987 to August 1995*) and P3041.4 (entitled *Manufacturing statistics: Value of sales, January 1987 to August 1995*).

TABLE 1 - INDICES OF THE PHYSICAL VOLUME OF MANUFACTURING PRODUCTION - TOTAL - HISTORICAL - TABLE
BASE 1990 = 100

Month	1989	1990	1991	1992	1993	1994	1995
				ACTUAL INDICES			
J	87.3	84.6	82.7	79.1	77.5	77.1	84.5
F	95.6	99.2	95.5	95.2	92.6	91.6	101.6
M	105.9	107.1	100.3	98.0	99.5	100.4	107.4
A	100.8	95.6	97.6	89.8	85.8	87.4	94.6
M	99.0	98.7	94.6	92.6	89.8	89.0	104.7
J	106.1	104.3	97.6	93.4	95.4	96.0	105.5
J	100.7	98.9	96.5	95.1	94.3	97.2	106.1
A	104.3	105.5	99.4	89.0	96.3	98.0	106.8*
S	105.4	102.9	100.6	96.8	97.7	106.2	108.6
O	105.8	107.4	103.7	103.6	102.2	108.3	112.7*
N	108.3	111.7	104.7	103.7	104.9	111.7	113.3*
D	85.4	84.0	83.0	83.6	84.1	87.1	89.4
YEAR	100.4	100.0	96.4	93.5	93.3	95.8	102.5
				SEASONALLY ADJUSTED INDICES			
J	102.2	99.5	97.8	94.8	92.5	92.3	101.4
F	96.6	100.1	96.2	95.8	93.1	92.1	102.2
M	100.3	101.5	94.8	93.5	93.8	94.6	101.1
A	104.6	99.9	102.7	95.0	91.5	93.8	101.9
M	102.1	101.3	96.8	94.7	91.9	91.2	107.5
J	100.3	102.9	95.5	91.8	94.1	94.8	104.1
J	100.2	98.5	96.0	94.3	93.2	95.8	104.5
A	99.6	101.5	95.9	86.2	93.7	95.6	103.7
S	98.5	97.7	96.2	92.6	93.4	101.4	103.7
O	98.5	99.5	95.4	94.9	93.1	98.6	102.5
N	98.7	101.4	94.5	93.2	93.9	99.8	101.2
D	98.6	96.4	94.7	94.9	95.0	98.1	100.7

* Revised

TABLE 2 - INDICES OF THE PHYSICAL VOLUME OF MANUFACTURING PRODUCTION - MAJOR GROUPS

Manufacturing Major groups	Weights year	Actual indices				Seasonally adjusted indices			
		1995		1994		1995		1994	
		December	November	December	November	December	November	December	November
TOTAL	100.0	102.9	89.4	113.3	87.1	100.7	101.2	96.1	98.1
Food	12.1	94.1	95.2	104.0	95.5	93.4	97.9	93.9	93.9
Beverages	4.7	93.2	127.8	105.1	132.1	92.3	93.1	96.0	96.0
Tobacco products	0.5	85.6	37.9	107.9	38.3	80.8	89.2	80.7	80.7
Textiles	3.6	100.6	59.0	103.6	69.8	91.4	95.1	108.2	108.2
Wearing apparel, excluding footwear	3.0	111.6	84.3	125.2	81.5	110.6	104.3	106.8	106.8
Leather and leather product	0.4	109.6	77.8	127.4	77.7	104.4	106.2	104.2	104.2
Footwear	1.1	84.0	54.1	104.2	54.7	78.7	78.1	78.7	78.7
Wood and wood products, excluding furniture	1.9	102.6	75.6	112.9	76.2	94.8	95.2	94.9	94.9
Furniture (wood)	1.6	103.4	88.5	146.1	73.4	113.8	113.7	94.1	94.1
Paper and paper products	4.8	112.3	96.5	112.0	100.4	107.0	107.2	111.2	111.2
Printing and publishing	3.7	99.2	91.2	119.7	93.8	98.6	103.1	101.4	101.4
Industrial chemicals	5.5	103.9	102.0	113.7	94.6	107.0	96.0	99.1	99.1
Chemical products, excluding products of petroleum and coal	5.9	105.6	94.4	125.2	89.6	108.2	109.2	102.6	102.6
Products of petroleum and coal	6.5	140.0	144.2	148.1	126.2	144.5	142.5	125.9	125.9
Rubber products	1.6	96.0	54.7	107.5	63.0	59.2	91.6	67.6	67.6
Plastic products	2.6	115.6	82.9	133.2	90.0	103.6	116.5	112.1	112.1
Pottery	0.2	84.8	35.6	82.7	47.1	64.9	77.0	85.1	85.1
Glass and glass products	1.2	96.8	92.2	112.0	73.8	107.0	101.0	85.8	85.8
Other non-metallic mineral products	3.3	94.3	64.5	101.8	65.5	89.7	90.4	91.2	91.2
Basic iron and steel industries	6.6	95.9	91.2	95.2	85.6	98.5	91.8	93.2	93.2
Basic non-ferrous metal industries	2.1	116.0	105.9	134.0	100.0	125.5	129.8	119.0	119.0
Metal products, excluding machinery	7.2	97.7	80.8	112.1	68.3	111.8	97.8	94.3	94.3
Machinery and equipment	6.1	97.3	85.3	106.6	61.3	102.5	104.0	73.7	73.7
Electrical machinery	4.6	98.8	74.7	106.7	78.9	95.9	94.1	101.4	101.4
Motor vehicles, parts and accessories	6.4	115.0	64.2	113.4	84.7	90.1	100.0	119.2	119.2
Transport equipment, excluding motor vehicles, parts and accessories	1.3	55.1	56.7	61.7	50.9	63.1	59.7	56.6	56.6
Professional and scientific measuring and controlling equipment and photographic and optical goods	0.4	115.0	75.1	128.2	73.9	94.9	105.8	92.0	92.0
Other manufacturing industries	1.1	77.2	42.9	81.1	69.5	49.4	63.3	79.2	79.2

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING

Manufacturing Major groups	Year	Actual values				Seasonally adjusted values			
		1995		1994		1995		1994	
		December	November	December	November	December	November	December	
TOTAL	299 628 437	28 124 212	28 934 486	20 163 217	26 058 296	28 834 211	22 773 676		
Food	41 346 635	3 735 337	3 926 851	3 369 739	3 602 831	3 660 728	3 239 402		
Beverages	15 766 054	1 919 495	1 502 775	1 813 193	1 390 156	1 357 538	1 299 516		
Tobacco products	3 128 951	151 490	322 602	142 656	268 570	277 922	255 119		
Textiles	10 103 835	560 012	903 504	548 938	856 525	830 968	838 789		
Wearing apparel, excluding footwear	7 841 559	532 524	799 265	471 547	689 754	661 058	610 976		
Leather and leather product	1 548 885	92 348	151 874	90 650	124 010	128 277	121 869		
Footwear	2 449 641	149 893	254 922	134 958	212 114	190 954	189 573		
Wood and wood products, excluding furniture	4 393 626	283 879	430 807	288 594	357 164	361 341	351 442		
Furniture (wood)	4 402 527	348 442	531 606	258 174	434 744	404 397	322 090		
Paper and paper products	5 629 374	245 385	500 263	1 019 874	390 481	342 712	139 486		
Printing and publishing	3 265 628	773 205	978 460	638 072	842 380	850 611	695 768		
Chemical products, excluding products of petroleum and coal	15 292 519	1 232 361	1 507 783	1 078 326	1 303 525	1 272 285	1 139 382		
Products of petroleum and coal	15 757 371	1 248 490	1 535 319	1 090 457	1 399 914	1 379 347	1 225 605		
Rubber products	16 180 255	408 775	389 566	1 007 957	1 442 780	1 397 862	1 025 553		
Plastic products	3 635 758	262 188	344 219	237 950	284 724	302 131	256 389		
Pottery	8 030 537	548 345	802 650	521 378	681 708	700 071	646 424		
Glass and glass products	2 374 260	15 094	22 072	15 034	22 551	21 776	22 648		
Other non-metallic mineral products	7 629 635	192 540	253 407	154 903	221 766	209 668	176 859		
Basic iron and steel	19 182 972	1 574 602	1 655 528	1 307 358	1 747 614	1 623 286	1 462 633		
Basic non-ferrous metal industries	7 049 193	581 963	683 746	448 785	656 678	656 032	507 145		
Metal products, excluding machinery and equipment	20 084 670	1 340 397	2 441 826	1 166 074	1 835 745	2 132 625	1 597 554		
Electrical machinery	16 132 314	336 072	1 539 172	960 071	1 600 645	1 511 342	1 153 403		
Motor vehicles, parts and accessories	12 431 512	831 987	1 165 096	790 707	1 052 602	1 018 001	1 002 630		
Transport equipment, excluding motor vehicles, parts and accessories	33 499 981	1 896 611	2 961 373	1 744 435	2 663 366	2 594 751	2 457 877		
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 740 757	117 046	160 407	140 651	139 327	148 505	169 328		
Other manufacturing industries	1 061 667	70 661	104 699	65 926	86 463	88 882	79 795		
	3 377 817	206 079	357 388	234 390	242 494	265 103	272 452		

* Revised

TABLE 2 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

Selected Manufacturing Subgroups	Actual values		Seasonally adjusted values			
	December	November	December	November	December	November
	1993	1993	1994	1995	1994	1994
Spinning, weaving and finishing of textiles	288 06	310 433	396 660	291 227	316 939	399 106
Soft furnishings	45 676	56 222	51 078	55 793	57 148	62 063
Tents, tarpaulins, sails and other canvas goods, and automotive textiles	12 976	10 177	11 522	15 807	9 690	13 869
Knitting mills	142 320	154 242	184 026	136 913	140 392	179 240
Clothing	939 147	1 025 827	986 685	1 011 425	1 063 077	1 061 138
Sawmilling from the round log	12 336	11 821	13 601	15 234	12 811	16 994
Board - laminated, plywood, particle, etc.	22 536	29 540	28 489	26 279	26 930	33 653
Carpentry and joinery and other sawmill products	19 308	26 889	40 623	21 047	30 201	43 914
Furniture (wood)	272 231	326 539	179 007	322 013	301 435	213 199
Pulp, paper and paperboard	142 801	177 404	127 065	155 267	176 234	135 390
Light and heavy packaging	322 713	399 432	391 106	322 244	314 869	332 128
Paints and varnishes	12 908	18 074	14 058	14 129	15 762	15 305
Basic iron and steel industries	2 515 054	2 647 254	2 978 419	2 520 762	2 584 103	2 995 631
Steel pipe and tube mills	277 060	259 886	252 236	252 661	243 575	230 398
Basic non-ferrous metal industries	677 141	620 912	579 052	710 903	661 031	606 313
General hardware, handtools and cutlery	25 111	32 140	44 616	27 386	30 356	48 516
Furniture (metal)	45 465	46 442	34 567	54 565	55 275	41 040
Structural metal products	1 093 206	1 157 572	1 081 109	1 114 460	1 139 784	1 100 058
Tinware	75 051	113 320	43 291	74 646	69 505	43 493
Cables and wire products	92 027	113 702	170 058	99 988	108 401	185 198
Headed and threaded articles	97 265	94 848	59 572	129 430	120 146	76 635
All other metal products	844 476	882 388	839 171	937 547	934 469	930 850
Electrical industrial machinery and apparatus	933 470	944 350	838 427	984 503	968 340	881 421
Radio, television and communication equipment	869 961	880 199	770 371	909 740	885 480	803 290
Electrical appliances and housewares	16 567	15 193	17 958	17 810	15 393	19 336
Insulated wire and cables	219 866	221 074	227 393	222 443	208 470	229 254
Dry and wet cell batteries	13 939	10 397	8 852	13 827	12 782	8 923
Other electrical goods	79 500	45 259	80 651	80 651	43 173	63 328
Motor vehicles	1 376 499	1 407 393	2 192 289	1 704 463	1 702 780	2 709 193
Motor vehicle parts	404 829	368 455	368 913	429 422	417 462	396 434

* Revised