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**Manufacturing:
production and sales
February 1996**



Statistical release P3041.2

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MANUFACTURING PRODUCTION LEVELS OFF

The seasonally adjusted manufacturing production for the last three months up to February 1996 is on the same level as the previous three months. The value of sales of manufactured products showed only an increase of 1,8% during the aforementioned period.

Higher production in the last three months compared with the previous three months was reported in 14 of the 28 manufacturing major groups. Significant increases in production were recorded by the industrial chemicals, basic non-ferrous metal, machinery, transport equipment and 'other' industries.

Regarding the sales of manufactured products, the largest increases were recorded by the food (+R358,6 million), industrial chemicals (+R325,9 million), basic iron and steel (+R290,3 million) and the basic non-ferrous metal (+R267,2 million) industries.

During the aforementioned period the unfilled orders increased in 12 of the 30 selected manufacturing subgroups. Noticeable increases were recorded by the steel pipe and tube, structural metal products and 'other' metal products industries.

P3041.2

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1990 = 100	R mill.	Production indices	Sales
Actual				
Dec. 1995 - Feb. 1996	92,4	70 217,0	+1,4	+12,3
Dec. 1994 - Feb. 1995	91,1	62 538,1		
Seasonally adjusted				
Dec. 1995 - Feb. 1996	102,5	78 505,1	-0,1	+1,8
Sept. 1995 - Nov. 1995	102,6	77 138,6		

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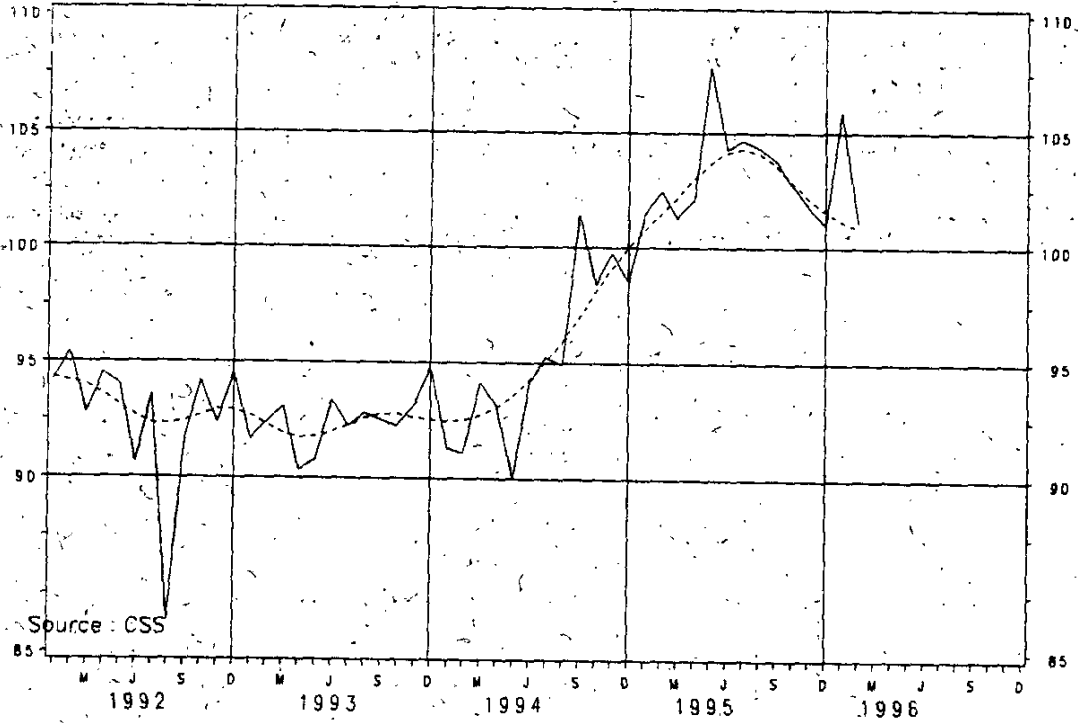
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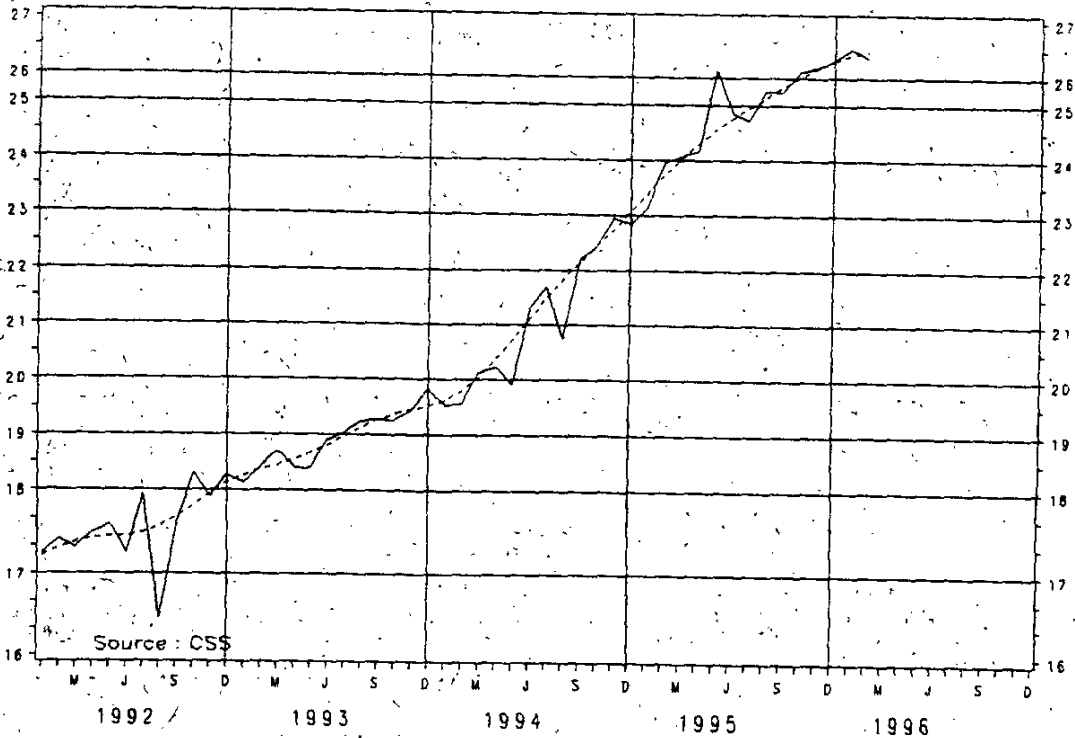
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MANUFACTURING
PHYSICAL VOLUME OF PRODUCTION
BASE 1990=100
INDEX



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

MANUFACTURING
VALUE OF SALES
R1000-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	1990	1991	1992	1993	1994	1995	1996
	ACTUAL INDICES						
J	84.6	82.7	79.7	77.5	77.1	84.5	88.0*
F	99.2	95.5	95.2	92.6	91.6	101.6	100.2
M	107.1	100.3	99.0	99.5	100.4	107.4	
A	95.8	97.8	89.8	85.8	87.4	94.6	
M	98.7	94.6	92.6	89.8	89.0	104.7	
J	104.3	97.6	93.4	95.4	96.0	105.5	
J	98.9	96.5	95.1	94.3	97.2	106.1	
A	105.5	99.4	89.0	96.3	98.0	106.8	
S	102.9	100.8	96.8	97.7	106.2	108.5	
O	107.4	103.7	103.6	102.2	108.3	112.7	
N	111.7	104.7	103.7	104.9	111.7	114.0	
D	84.0	83.0	83.6	84.1	87.1	89.1	
YEAR	100.0	96.4	93.5	93.3	95.8	103.0	
	SEASONALLY ADJUSTED INDICES						
J	99.5	97.8	94.8	92.6	92.3	101.3	105.6
F	100.1	96.2	95.9	93.2	92.1	102.3	101.0
M	101.5	94.8	93.5	93.8	94.7	101.2	
A	99.9	102.7	95.0	91.5	93.8	101.9	
M	101.3	96.8	94.7	91.8	91.2	107.4	
J	101.5	95.5	91.7	94.0	94.7	104.0	
J	98.5	96.0	94.3	93.1	95.7	104.4	
A	101.5	95.8	86.1	93.6	95.5	104.1	
S	97.7	96.2	92.5	93.4	101.3	103.5	
O	99.4	95.4	94.8	93.1	98.5	102.5	
N	101.4	94.5	93.2	93.9	99.8	101.7	
D	96.5	94.8	95.1	95.3	98.6	100.9	

* Revised

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

Manufacturing Major groups	Weights	Year	Actual indices				Seasonally adjusted indices			
			1995		1996		1995		1996	
			February	January	February	January	February	January	February	January
TOTAL	100.0	103.0*	100.2	88.0	101.6	101.0	105.6	102.3	102.3	
Food	12.1	94.1	91.9	86.9	87.6	97.4	103.0	92.6	92.6	
Beverages	4.7	93.2	81.2	90.1	85.4	93.4	91.3	97.6	97.6	
Tobacco products	0.5	85.6	90.1	66.4	88.7	87.0	80.3	85.4	85.4	
Textiles	3.6	101.0	96.5	73.2	107.0	94.0	99.0	104.3	104.3	
Wearing apparel, excluding footwear	3.0	111.6	110.6	65.9	111.2	109.5	109.5	109.7	109.7	
Leather and leather products	0.4	109.7	94.0	81.0	118.7	91.2	109.2	115.4	115.4	
Footwear	1.1	83.3*	76.5	47.0	86.9	80.1	85.3	91.4	91.4	
Wood and wood products, excluding furniture	1.9	102.5	103.0	73.2	105.3	102.6	102.1	104.3	104.3	
Furniture (wood)	1.6	103.4	111.5	59.6	90.0	116.7	110.2	94.4	94.4	
Paper and paper products	4.8	112.7*	93.5	93.6	120.7	89.5	104.0	115.5	115.5	
Printing and publishing	3.7	99.1	99.2	90.2	98.2	100.1	104.7	99.2	99.2	
Industrial chemicals	5.5	103.1*	103.7	95.6	106.0	103.8	113.8	106.2	106.2	
Chemical products, excluding products of petroleum and coal products of petroleum and coal	5.9	105.7	103.1	87.6	102.6	106.8	109.8	106.0	106.0	
Rubber products	6.5	140.2	137.8	149.3	129.3	138.9	140.4	129.9	129.9	
Plastic products	1.6	96.0	103.6	67.6	123.8	99.1	102.8	118.2	118.2	
Pottery	2.6	115.6	120.0	81.3	119.1	118.1	107.4	117.0	117.0	
Glass and glass products	0.2	84.8	122.4	69.3	88.4	121.7	92.9	88.2	88.2	
Other non-metallic mineral products	1.2	96.8	97.5	79.6	96.0	95.7	91.6	94.2	94.2	
Basic iron and steel industries	9.3	94.3	87.1	79.5	92.6	89.4	96.5	94.8	94.8	
Basic non-ferrous metal industries	6.6	95.7	95.7	90.5	85.7	101.4	96.6	90.8	90.8	
Metal products, excluding machinery	2.1	121.1*	147.0	140.9	97.8	154.8	147.8	102.5	102.5	
Machinery and equipment	7.2	97.7	95.1	80.5	98.3	96.4	96.4	99.4	99.4	
Electrical machinery	6.1	97.3	101.8	98.6	88.3	100.9	126.0	86.6	86.6	
Motor vehicles, parts and accessories	4.6	98.3	88.5	62.4	100.8	85.5	84.0	96.8	96.8	
Transport equipment, exclu- ding motor vehicles, parts and accessories	6.4	115.0	101.6	76.0	130.0	97.2	98.7	125.4	125.4	
Professional and scientific measuring and controlling equipment and photographic and optical goods	1.3	51.5*	58.8	55.5	55.2	58.4	55.7	54.9	54.9	
Other manufacturing industries	0.4	114.9	101.7	91.6	111.8	101.8	105.7	111.9	111.9	
	1.1	78.6	79.0	55.2	89.2	78.0	95.3	88.2	88.2	

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING

Manufacturing Major groups	Year	Actual values				Seasonally adjusted values			
		1996		1995		1996		1995	
		February	January	February	January	February	January	February	January
TOTAL	299 936 847*	25 790 585	21 308 952	23 674 090	26 119 714	26 319 051	23 943 296	23 271 177	
Food	41 350 850*	3 583 187	3 268 879	3 112 864	3 765 647	3 818 272	3 271 177	3 271 177	
Beverages	15 766 054	1 198 231	1 293 084	1 137 396	1 377 359	1 356 771	1 301 505	1 301 505	
Tobacco products	3 128 951	281 872	208 516	255 432	273 939	246 652	248 081	248 081	
Textiles	10 129 214	837 140	547 310	856 079	818 413	795 905	837 790	837 790	
Wearing apparel, excluding footwear	7 811 048	652 617	365 098	621 457	656 336	648 064	623 063	623 063	
Leather and leather product	1 552 222	117 048	97 546	136 327	116 524	131 696	135 600	135 600	
Footwear	2 442 704	196 885	102 359	200 587	205 191	205 384	209 863	209 863	
Wood and wood products, excluding furniture	4 389 603	384 868	262 109	349 971	385 216	371 861	348 078	348 078	
Furniture (wood)	4 382 436	398 972	212 556	310 358	420 576	396 641	327 622	327 622	
Paper and paper products	15 727 827*	1 229 831	1 174 660	1 294 611	1 163 313	1 286 397	1 224 192	1 224 192	
Printing and publishing	9 252 527*	817 015	747 972	690 688	838 407	862 112	707 469	707 469	
Industrial chemicals	15 321 349	1 381 429	1 203 187	1 286 806	1 379 649	1 404 597	1 286 070	1 286 070	
Chemical products, excluding petroleum and coal products of petroleum and coal	15 874 666*	1 358 378	1 153 948	1 184 504	1 418 340	1 428 993	1 232 113	1 232 113	
Products of petroleum and coal	16 180 255	1 426 757	1 279 741	1 393 324	1 464 903	1 384 612	1 430 532	1 430 532	
Rubber products	3 635 758	315 143	216 929	336 670	299 951	307 059	319 122	319 122	
Plastic products	8 082 685*	708 956	507 027	650 564	696 015	665 928	637 631	637 631	
Pottery	285 938	22 697	15 299	26 240	22 215	21 399	25 760	25 760	
Glass and glass products	2 374 260	197 747	156 735	189 823	194 124	179 130	186 179	186 179	
Other non-metallic mineral products	7 621 978	610 019	524 009	600 593	629 142	643 935	616 998	616 998	
Basic iron and steel industries	19 118 653	1 723 950	1 658 103	1 401 051	1 800 786	1 758 156	1 464 372	1 464 372	
Basic non-ferrous metal industries	7 159 061	718 190	651 248	484 923	744 991	724 873	501 995	501 995	
Metal products, excluding machinery	20 088 040	1 682 642	1 284 027	1 615 568	1 695 598	1 583 459	1 618 844	1 618 844	
Machinery and equipment	16 266 480	1 384 945	1 199 565	1 190 862	1 356 760	1 553 125	1 155 031	1 155 031	
Electrical machinery	12 460 170	968 604	748 607	995 004	962 149	1 013 131	978 705	978 705	
Motor vehicles, parts and accessories	33 494 009	2 937 274	2 030 044	2 852 215	2 801 052	2 697 172	2 738 705	2 738 705	
Transport equipment, excluding motor vehicles, parts and accessories	1 740 757	278 301	122 293	158 784	272 248	156 700	155 840	155 840	
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	82 703	63 396	80 386	83 142	80 803	80 854	80 854	
Other manufacturing industries	3 237 685*	295 184	214 705	261 003*	307 739	375 830	270 957	270 957	

* Revised

TABLE 4 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

Selected Manufacturing Subgroups	R1 000			
	Actual values		Seasonally adjusted values	
	February 1996	January 1996	February 1996	January 1996
Spinning, weaving and finishing of textiles	252 351	282 276	439 365	286 148
Soft furnishings	70 620	75 884	69 131	78 961
Tents, tarpaulins, sails and other canvas goods and automotive textiles	6 926	9 842	12 394	9 886
Knitting mills	125 946	128 606	180 574	127 664
Clothing	982 326	1 012 818	1 051 898	1 025 317
Sawmilling from the round log	15 119	15 189	19 249	13 520
Board-laminated, plywood, particle, etc.	28 017	25 978	30 589	25 855
Carpentry and joinery and other sawmill products	26 334	24 456	42 269	23 643
Furniture (wood)	246 900	241 596	203 672	273 167
Pulp, paper and paperboard	160 873	139 114	169 773	155 616
Light and heavy packaging	295 417	313 657	333 592	313 159
Paints and varnishes	21 774	14 252	16 940	15 444
Basic iron and steel industries	2 467 421	2 512 742	2 855 609	2 516 152
Steel pipe and tube mills	291 762	296 394	221 021	284 482
Basic non-ferrous metal industries	664 330	654 771	718 030	667 228
General hardware, handtools and cutlery	30 938	27 361	40 469	29 583
Furniture (metal)	48 339	50 071	41 533	55 487
Structural metal products	1 255 246	1 263 845	1 121 891	1 254 910
Tinware	62 893	65 868	67 489	64 598
Cables and wire products	112 002	83 979	190 448	89 653
Headed and threaded articles	109 275	111 061	91 175	111 281
All other metal products	1 274 426	863 476	1 219 897	981 609
Electrical industrial machinery and apparatus	949 152	975 544	908 722	993 144
Radio, television and communication equipment	808 465	897 762	666 345	792 743
Electrical appliances and housewares	22 071	20 282	16 671	22 268
Insulated wire and cables	240 685	221 882	253 930	230 551
Dry and wet cell batteries	8 877	10 428	7 358	8 777
Other electrical goods	60 957	82 537	51 797	67 415
Motor vehicles	1 608 876	1 617 173	2 056 661	1 574 228
Motor vehicle parts	427 141	407 568	433 215	415 342

* Revised

P3041.2 - FEBRUARIE 1996

FABRIEKSPRODUKSIE PLAT AF

Die seisoensaangepaste fabrieksproduksie vir die jongste drie maande tot Februarie 1996 is op dieselfde vlak as die vorige drie maande. Die waarde van verkope van vervaardigde produkte het slegs 'n toename van 1,8% gedurende voornoemde tydperk getoon.

Hoër produksie in die jongste drie maande vergeleke met die vorige drie maande is in 14 van die 28 fabriekswese-hoofgroepe gerapporteer. Betekenisvolle toenames in produksie is by die nywerheidschemikalieë, basiese nie-ystermetaal-, masjinerie-, vervoertoerusting- en 'ander' nywerhede aangeteken.

Wat die verkope van vervaardigde produkte betref, is die grootste toenames deur die voedsel- (+R358,6 miljoen), nywerheidschemikalieë (+R325,9 miljoen), basiese yster- en staal- (+R290,3 miljoen) en die basiese nie-ystermetaal- (+R267,2 miljoen) nywerheid aangeteken.

Gedurende voornoemde tydperk het onvoltooide bestellings in 12 van die 30 uitgesoekte fabriekswesesubgroepe toegeneem. Merkbare toenames is deur die staal- en buis-, struktuurmetaalprodukte- en 'ander' metaal- produktenywerheid aangeteken.