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**Manufacturing:
production and sales
January 1996**

Statistical release P3041.2

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MANUFACTURING PRODUCTION FOR JANUARY INCREASES

After experiencing a decline in seasonally adjusted production since July 1995, the manufacturing sector reflected an increase of 5,5% in its seasonally adjusted production for January 1996. 17 of the 28 manufacturing major groups showed increases in their seasonally adjusted production for January 1996 compared with December 1995.

Manufacturing production for the last three months up to January 1996, shows a slight decrease of only 0,3% after seasonal adjustment compared with the previous three months. Although 16 of the 28 major groups reflected decreases in production only ten of them contributed more than 0,1 of a percentage point each, of which the motor vehicle (-0,75 of a percentage point) and electrical machinery industries (-0,35 of a percentage point) were the largest. These decreases were to a large extent counteracted by increased production in the other major groups of which the machinery and equipment (0,82 of a percentage point) and the metal products industries (0,54 of a percentage point) were the largest contributors.

The seasonally adjusted value of sales of manufactured products increased by 1,9% (R1 427 million) during the last three months up to January 1996 compared with the preceding three months. The largest increases were recorded by the metal products industries (R682 million) and machinery and equipment industries (R267 million). Opposed to this the motor vehicle industry recorded a decrease (R462 million).

SUMMARY - TOTAL MANUFACTURING

Period	Production indices		Sales		Percentage change of:	
	1990 = 100		R mill.		Production indices	Sales
Actual						
Nov. 1995 - Jan. 1996		97,3		73 214,8	+3,1	+13,6
Nov. 1994 - Jan. 1995		94,4		64 459,3		
Seasonally adjusted						
Nov. 1995 - Jan. 1996		103,1		78 072,4	-0,3	+1,9
Aug. 1995 - Oct. 1995		103,4		76 645,2		

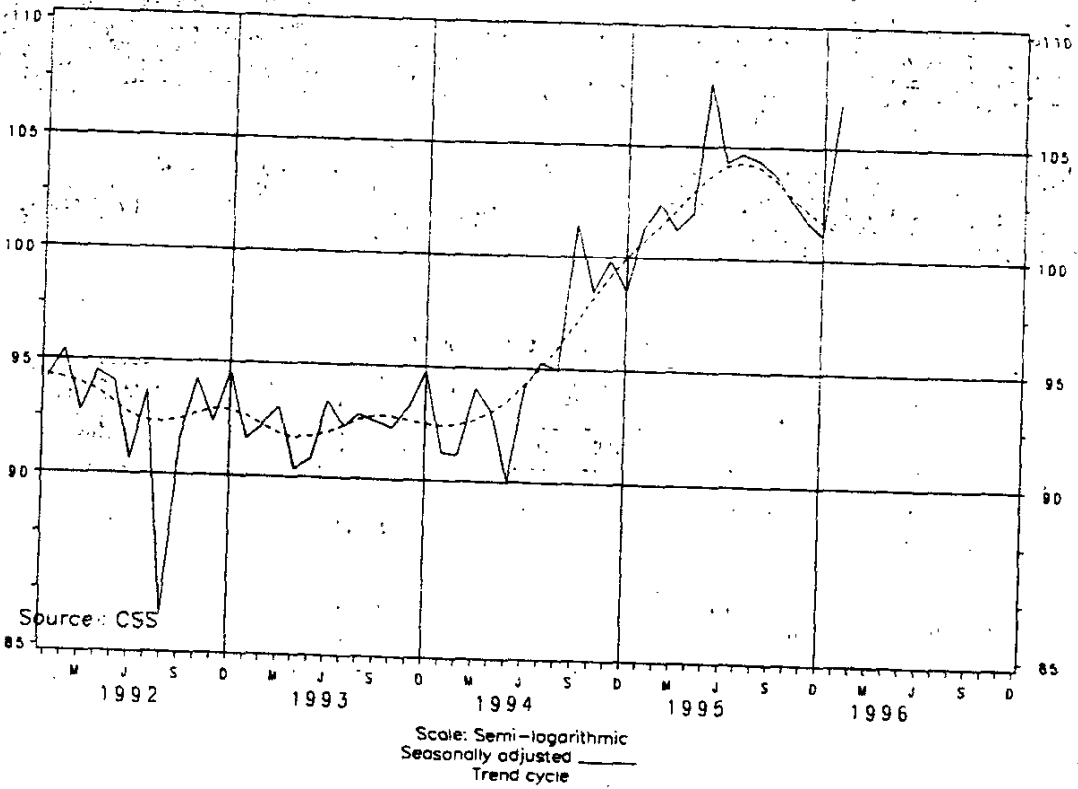

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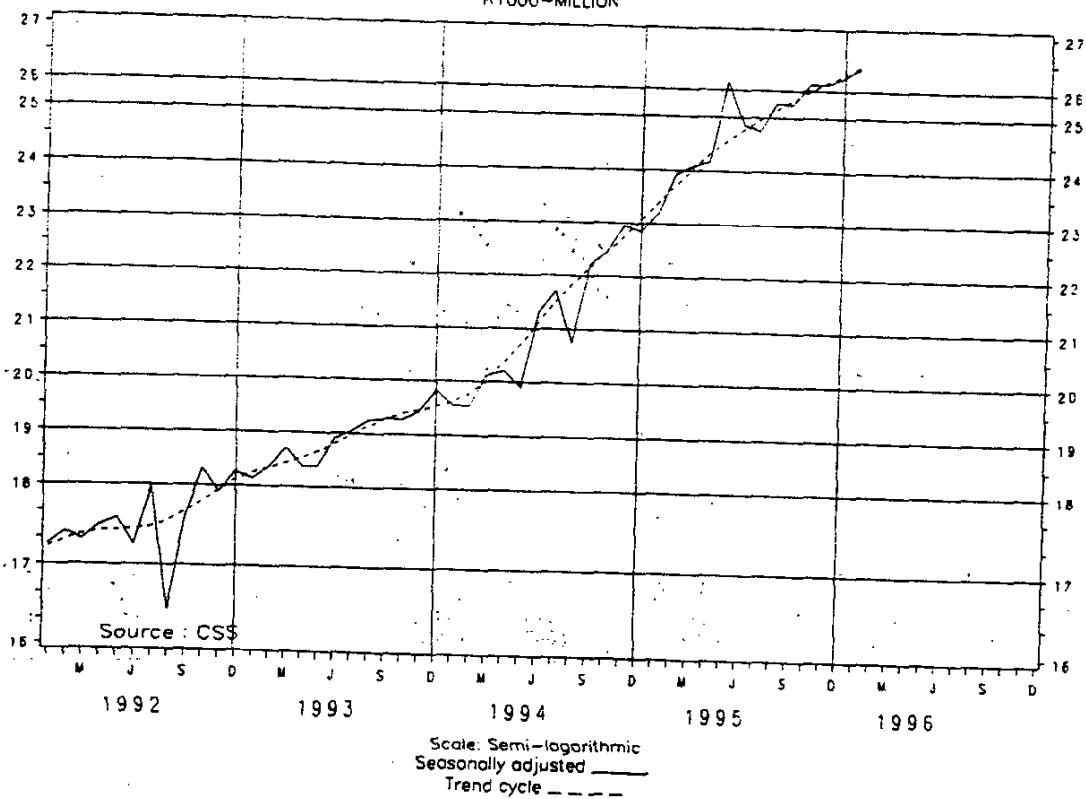
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MANUFACTURING PHYSICAL VOLUME OF PRODUCTION BASE 1990=100 INDEX



MANUFACTURING VALUE OF SALES R1000-MILLION



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*).

P3041.2

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

Month	1990	1991	1992	1993	1994	1995	1996
J	84.6	82.7	79.7	77.5	77.1	84.5	88.9
F	99.2	95.5	95.2	92.6	91.6	101.6	
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	113.9	
D	84.0	83.0	83.6	84.1	87.1	89.2	
YEAR	100.0	96.4	93.5	93.3	95.8	103.0	

	ACTUAL INDICES		SEASONALLY ADJUSTED INDICES	
J	99.5	97.8	94.8	92.2
F	100.1	96.2	95.8	92.2
M	101.5	94.8	93.5	94.7
A	99.9	102.7	95.0	93.8
M	101.3	96.8	94.7	91.9
J	101.5	95.5	91.7	91.2
J	98.5	96.0	94.3	94.7
A	101.5	95.8	93.6	95.7
S	97.7	96.2	92.5	104.4
O	99.4	95.4	94.8	104.1
N	101.4	94.5	93.2	101.4
D	96.5	94.9	95.1	98.5
YEAR	100.0	96.4	93.5	98.6

* Revised

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

BASE 1990 = 100

Manufacturing Major Groups	Weights	Year	Actual indices		Seasonally adjusted indices			
			1995		1995			
			January	December	January	December		
TOTAL	100.0	103.0	88.9	89.2	84.5	106.6	101.0	101.2
Food	12.1	94.1	86.6	95.2	77.9	102.0	92.4	91.3
Beverages	4.7	93.2	89.5	127.8	88.0	90.9	88.6	88.6
Tobacco products	0.5	85.6	66.4	37.9	82.0	80.0	80.3	98.6
Textiles	3.6	101.0	71.2	59.0	77.7	96.2	91.9	105.0
Wearing apparel, excluding footwear	3.0	111.6	64.3	84.3	68.5	107.1	110.8	114.5
Leather and leather product	0.4	109.7	81.0	75.7	81.5	109.8	102.9	110.7
Footwear	1.1	84.0	54.7	54.1	50.3	102.2	79.6	94.7
Wood and wood products, excluding furniture	1.9	102.5	74.4	73.6	77.6	103.2	94.2	108.2
Furniture (wood)	1.6	103.4	62.1	88.5	55.9	111.6	113.1	100.1
Paper and paper products	4.8	112.3	106.9	96.5	96.5	115.5	107.8	104.3
Printing and publishing	3.7	99.2	89.4	91.2	82.2	104.6	99.3	96.4
Industrial chemicals	5.5	103.9	95.6	102.0	83.2	114.0	106.6	99.0
Chemical products, excluding products of petroleum and coal	5.9	105.7	88.7	95.8	83.7	111.3	109.6	105.0
Products of petroleum and coal	6.5	140.2	149.5	146.1	138.5	141.0	145.7	130.4
Rubber products	1.6	96.0	67.6	54.7	63.4	102.1	58.6	94.9
Plastic products	2.6	115.6	76.5	82.9	85.2	100.2	104.3	111.7
Pottery	0.2	84.8	69.3	35.6	65.2	94.4	62.9	88.0
Glass and glass products	1.2	96.8	79.6	92.2	89.1	92.5	106.3	104.0
Other non-metallic mineral products	3.3	94.3	79.5	64.5	75.0	95.9	89.9	90.4
Basic iron and steel industries	6.6	95.7	93.2	87.7	88.8	98.2	96.1	94.2
Basic non-ferrous metal industries	2.1	118.1	128.9	130.2	102.4	135.0	141.2	107.3
Metal products, excluding machinery and equipment	7.2	97.7	81.7	74.0	83.2	98.0	101.9	99.9
Machinery and equipment	6.1	97.3	98.6	85.3	67.4	126.3	103.2	85.9
Electrical machinery	4.6	98.3	66.3	68.3	72.9	88.1	90.4	96.8
Motor vehicles, parts and accessories	6.4	115.0	78.7	64.2	96.1	100.7	91.0	123.0
Transport equipment, excluding motor vehicles, parts and accessories	1.3	52.7	55.5	56.7	54.6	55.6	62.0	54.7
Professional and scientific measuring and controlling equipment and photographic and optical goods	0.4	114.9	91.6	73.3	102.3	104.5	94.6	116.7
Other manufacturing industries	1.1	78.6	55.2	55.8	48.2	95.1	63.1	82.7

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING

Manufacturing Major groups	Year	Actual values				Seasonally adjusted values			
		1995		1996		1996		1995	
		January	December	January	January	January	December	January	January
TOTAL	299 854 313	21 219 545	23 045 721	18 717 262	26 246 203	25 990 636	23 085 554		
Food	41 324 085	3 165 417	3 712 787	2 765 943	3 710 510	3 592 106	3 230 407		
Beverages	15 766 054	1 285 309	1 919 490	1 148 919	1 349 523	1 362 668	1 196 470		
Tobacco products	3 128 951	208 516	151 490	236 188	242 355	264 597	275 321		
Textiles	10 129 214	538 025	561 327	582 758	778 048	855 501	837 091		
Wearing apparel, excluding footwear	7 811 048	365 205	501 813	337 552	649 053	656 359	598 563		
Leather and leather products	1 552 222	97 546	89 775	94 097	132 073	122 322	127 641		
Footwear	2 442 704	112 492	142 957	106 001	219 235	205 771	207 286		
Wood and wood products, excluding furniture	4 389 603	266 671	279 856	259 275	375 452	354 959	366 155		
Furniture (wood)	4 382 436	218 218	328 351	192 802	401 136	411 058	352 233		
Paper and paper products	15 651 434	1 189 573	1 265 445	1 035 112	1 319 505	1 403 106	1 142 909		
Printing and publishing	9 245 031	735 455	762 019	583 436	853 538	833 563	677 563		
Industrial chemicals	15 321 349	1 203 187	1 210 987	982 047	1 409 182	1 293 194	1 149 800		
Chemical products, excluding products of petroleum and coal	15 863 015	1 164 400	1 241 081	995 757	1 438 175	1 397 636	1 230 775		
Products of petroleum and coal	16 180 255	1 307 709	1 408 775	1 020 819	1 402 469	1 438 071	1 094 236		
Rubber products	3 635 758	216 929	262 188	200 185	306 023	289 456	281 806		
Plastic products	8 015 919	480 333	533 727	474 879	627 624	659 676	620 727		
Pottery	285 938	15 299	15 094	17 865	21 355	22 272	24 664		
Glass and glass products	2 374 260	156 735	192 540	165 665	178 993	221 540	190 282		
Other non-metallic mineral products	7 621 978	517 402	463 533	482 777	637 826	642 987	594 685		
Basic iron and steel industries	19 118 653	1 716 332	1 510 283	1 357 679	1 794 415	1 701 856	1 424 070		
Basic non-ferrous metal industries	7 159 061	543 208	691 831	405 349	616 890	770 832	457 032		
Metal products, excluding machinery	20 088 040	1 277 660	1 310 626	1 248 254	1 580 561	1 800 469	1 543 391		
Machinery and equipment	16 266 480	1 177 970	1 344 919	903 062	1 537 957	1 604 202	1 172 884		
Electrical machinery	12 460 170	775 560	860 645	707 713	1 052 657	1 072 879	957 236		
Motor vehicles, parts and accessories	33 494 009	2 093 828	1 890 639	2 067 719	2 743 598	2 669 253	2 703 982		
Transport equipment, excluding motor vehicles, parts and accessories	1 740 757	122 293	117 046	117 563	154 495	139 858	147 101		
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	63 396	70 661	62 580	80 533	86 144	78 642		
Other manufacturing industries	3 344 222	204 877	205 831	165 266	349 563	235 461	280 720		

* Revised

P3041.2

TABLE 4 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	R1 000			R1 000		
	January 1996	December * 1995	January 1995	January 1996	December 1995	January 1995
Spinning, weaving and finishing of textiles	292 076	288 061	411 294	296 702	293 150	418 312
Soft furnishings	58 061	52 007	61 938	61 447	62 541	64 805
Tents, tarpaulins, sails and other canvas goods and automotive textiles	19 931	9 526	14 563	19 769	11 945	14 761
Knitting mills	128 606	139 944	181 023	126 713	136 613	177 163
Clothing	1 012 818	902 567	1 009 281	1 021 430	972 205	1 017 959
Sawmilling from the round log	15 189	12 336	18 193	13 445	14 942	16 248
Board - laminated, plywood, particle, etc.	37 390	22 536	36 410	35 599	26 964	34 687
Carpentry and joinery and other sawmill products	24 456	19 308	46 346	23 625	20 995	44 691
Furniture (wood)	295 210	260 736	198 524	319 452	313 226	215 093
Pulp, paper and paperboard	139 114	140 598	151 256	156 478	150 386	169 352
Light and heavy packaging	305 352	313 352	319 728	308 335	316 676	323 037
Paints and varnishes	14 252	12 908	13 730	15 122	14 495	14 295
Basic iron and steel industries	2 512 742	2 593 124	2 930 235	2 510 905	2 538 091	2 925 371
Steel pipe and tube mills	296 394	277 060	220 997	276 409	255 758	206 937
Basic non-ferrous metal industries	654 771	677 141	640 163	657 858	710 478	641 517
General hardware, handtools and cutlery	27 361	24 576	35 354	27 062	27 086	34 636
Furniture (metal)	50 071	51 834	43 402	56 702	62 938	48 606
Structural metal products	1 248 224	1 093 206	1 106 098	1 242 103	1 113 672	1 103 110
Tinware	65 868	71 052	63 727	62 732	71 133	61 185
Cables and wire products	83 979	92 027	174 167	87 908	98 562	181 891
Headed and threaded articles	111 061	97 265	81 859	112 740	127 094	83 143
All other metal products	863 476	818 268	898 353	962 154	917 697	999 834
Electrical industrial machinery and apparatus	948 914	918 764	984 719	970 533	969 051	1 002 651
Radio, television and communication equipment	913 757	884 446	722 847	972 774	928 694	767 492
Electrical appliances and housewares	15 423	16 567	17 394	16 234	17 760	18 398
Insulated wire and cables	221 882	243 936	249 480	226 804	245 474	254 418
Dry and wet cell batteries	10 428	13 939	9 278	11 837	13 183	10 609
Other electrical goods	82 537	79 500	57 953	83 457	81 544	58 287
Motor vehicles	1 830 318	1 376 499	1 872 335	1 789 361	1 730 502	1 844 003
Motor vehicle parts	1 407 568	404 829	378 386	420 825	429 220	390 266

* Revised