

P3041.2

Manufacturing: production and sales

July 1997

Embargo: 13:00

Date: 11 September 1997

MANUFACTURING PRODUCTION DECREASES SLIGHTLY

Despite a slight monthly increase of 0,5% in July 1997, the seasonally adjusted manufacturing production for the last three months up to July 1997 showed a decrease of 0,8% compared with the previous three months.

Lower production for the last three months compared with the previous three months was reported by 13 of the 27 manufacturing major groups. The major contributors to the decrease were the basic metal products industry (contributing -0,5 of a percentage point), the industrial chemical and the electrical machinery industries (-0,3 of a percentage point each) and the chemical products industry (-0,2 of a percentage point). The lower production was counteracted by increased production by the food industry (contributing 0,3 of a percentage point).

The seasonally adjusted value of sales of manufactured products for the three months up to July 1997 showed an increase of 0,6% compared with the previous three months. Large increases were reported by the beverage (+3,7%), metal products (+3,2%), machinery and equipment (+2,7%) and the food (+1,7%) industries. However, decreases of 3,5% and 4,1% were reported by the industrial chemical and the motor vehicle industries, respectively.

Period	SUMMARY - TOTAL MANUFACTURING				
	Production indices	Sales R mill.	Percentage change of:		
			Production- indices	Sales	
Actual					
May 1997	-	Jul. 1997	107,1	89 317,6	+2,0 +8,4
May 1996	-	Jul. 1996	105,0	82 359,0	
Seasonally adjusted					
May 1997	-	Jul. 1997	105,8	88 910,0	-0,8 +0,6
Feb. 1997	-	Apr. 1997	106,7	88 365,8	

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.**

In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised in the next issue(s) as soon as better information is available.

2. The calculation of the monthly production indices is based on the value of products and articles, manufactured after the effect of price changes has been eliminated through 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.

3. **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 1988 census year covers the period 1 July 1987 to 30 June 1988 and therefore the benchmarking was done on the index of January 1988).

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. Published and unpublished information for 1988 and 1991 was obtained from statistical offices of the former TBVC states and has been incorporated to ensure a comparable time series. Since 1995 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 through 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	1991	1992	1993	1994	1995	1996	1997
ACTUAL INDICES							
J	82,7	79,7	77,5	77,1	84,5	87,4	92,6
F	95,5	95,2	92,6	91,6	101,6	99,3	104,9
M	100,3	99,0	99,5	100,4	107,3	104,8	103,9
A	97,8	89,8	85,8	87,4	94,6	97,7	106,4
M	94,6	92,6	89,8	89,0	104,8	105,5	107,9*
J	97,6	93,4	95,4	96,0	105,3	104,2	105,8
J	96,5	95,1	94,3	97,2	106,3	105,2	107,5 1/
A	99,4	89,0	96,3	98,0	106,8	109,1	
S	100,8	96,8	97,7	106,2	108,5	106,2	
O	103,7	103,6	102,2	108,3	113,1	116,4	
N	104,7	103,7	104,9	111,7	114,1	116,7	
D	83,0	83,6	84,1	87,1	89,3	86,9	
YEAR	96,4	93,5	93,3	95,8	103,0	103,3	
SEASONALLY ADJUSTED INDICES							
J	97,9	94,9	92,6	92,2	101,0	104,3	110,3
F	96,2	95,9	93,5	92,7	103,1	101,0	106,7
M	95,0	93,8	94,4	95,6	102,6	100,5	100,0
A	102,6	94,9	91,2	93,2	100,9	104,2	113,4
M	96,6	94,1	90,8	89,5	104,5	104,6	106,6
J	95,4	91,7	94,1	95,0	104,3	103,3	105,1
J	95,9	94,2	93,1	95,7	104,5	103,4	105,6
A	95,8	86,1	93,4	95,1	103,6	105,8	
S	96,2	92,6	93,6	101,7	104,2	102,0	
O	95,3	94,7	93,0	98,3	102,6	105,6	
N	94,6	93,3	94,2	100,1	102,2	104,6	
D	95,0	95,4	95,8	99,3	102,1	99,6	

* Revised

1/ Preliminary

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

BASE 1990 = 100

Manufacturing Major groups	Weights 1996	Year	Actual indices			Seasonally adjusted indices		
			July 2/	June	July	July	June	July
			1997	1996		1997	1996	
TOTAL	100,0	103,3	107,5	105,8	105,2	105,6	105,1	103,4
Food	12,1	98,1	89,6	97,0	98,7	91,2	97,8	100,4
Beverages	4,7	93,0	80,3	82,4	81,5	93,2	92,2	94,6
Tobacco 1/								
Textiles	3,6	96,3	107,9	108,8	104,4	101,1	100,1	97,6
Wearing apparel, excluding footwear	3,0	102,0	108,0	93,5	94,2	109,3	105,8	95,0
Leather and leather product	0,4	107,5	100,9	100,3	116,0	100,4	102,0	114,7
Footwear	1,1	70,8	77,7	65,8	74,5	74,6	72,1	71,7
Wood and wood products, excluding furniture	1,9	105,1	118,1	110,9	113,2	114,7	113,6	110,0
Furniture (wood)	1,6	105,7	102,6	96,7	103,6	101,9	100,8	102,6
Paper and paper products	4,8	100,6	102,6	109,0	108,6	99,3	109,6	104,7
Printing and publishing	3,7	98,8	96,7	94,1	95,4	99,7	95,8	98,1
Industrial chemicals	5,5	108,3	107,0	100,9	105,9	110,5	98,1	109,6
Chemical products, excluding products of petroleum and coal	5,9	109,6	119,2	107,2	103,1	118,5	104,7	102,6
Products of petroleum and coal	6,5	141,0	151,1	155,3	139,4	152,7	153,5	140,9
Rubber products	1,6	90,0	96,6	102,8	88,6	92,9	90,4	85,7
Plastic products	2,6	115,5	119,8	108,5	123,7	111,3	110,1	114,8
Pottery	0,2	75,3	78,4	77,8	75,6	77,1	69,0	73,5
Glass and glass products	1,2	90,8	81,0	108,2	85,5	84,4	104,2	89,1
Other non-metallic mineral products	3,3	95,4	110,1	98,8	106,6	101,2	94,6	98,7
Basic iron and steel industries	6,6	90,9	103,9	100,4	94,9	99,9	96,3	91,8
Basic non-ferrous metal industries	2,1	176,2	168,7	166,2	177,8	170,1	173,8	179,1
Metal products, excluding machinery	7,2	102,0	109,8	114,0	110,4	109,5	110,4	109,8
Machinery and equipment	6,1	103,4	119,5	111,4	112,3	108,6	106,9	102,0
Electrical machinery	4,6	91,4	97,0	96,2	89,8	94,9	90,2	88,0
Motor vehicles, parts and accessories	6,4	101,5	107,6	103,3	106,4	103,6	100,3	102,3
Transport equipment, exclu- ding motor vehicles, parts and accessories	1,3	66,6	66,0	63,4	76,9	61,7	64,4	72,0
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	108,5	123,5	114,8	126,9	113,4	111,2	118,5
Other manufacturing industries	1,6	82,5	101,8	86,4	91,1	94,3	86,7	84,7

* Revised

1/ Included in Other manufacturing industries

2/ Preliminary

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL
 HISTORICAL TABLE
 R1 000

Month	1991	1992	1993	1994	1995	1996	1997
ACTUAL VALUES							
J	13 792 356	14 379 830	15 099 931	16 004 450	18 789 487	21 313 668	24 568 651
F	16 298 782	17 422 994	18 454 588	19 465 588	23 862 092	25 527 653	28 884 064
M	17 446 046	18 689 225	20 286 764	21 662 457	26 092 304	27 397 457	28 988 184
A	16 880 966	16 626 592	17 363 545	18 752 009	22 371 322	25 426 693	29 458 371*
M	16 587 264	17 357 010	18 124 591	19 353 973	25 093 463	27 418 609	29 692 004*
J	17 062 195	17 666 778	19 397 258	21 658 849	25 540 276	27 398 400	29 624 951
J	17 166 163	18 364 973	19 352 203	21 847 460	25 037 900	27 541 957	30 000 654 1/
A	17 793 824	17 133 398	20 131 577	21 534 839	26 406 642	28 657 855	
S	18 241 448	18 844 277	20 552 563	23 476 728	26 993 419	28 620 355	
O	18 710 501	20 304 851	21 309 302	24 668 447	28 593 898	32 012 183	
N	18 912 402	20 289 550	21 847 848	25 682 617	29 173 002	32 084 675	
D	15 045 986	16 303 539	17 562 618	20 210 728	23 367 597	25 552 787	
YEAR	203 937 933	213 383 017	229 482 788	254 318 145	301 321 402	328 952 292	
SEASONALLY ADJUSTED VALUES							
J	16 555 965	17 424 867	18 458 478	19 699 355	23 231 141	26 417 916	30 475 871
F	16 498 798	17 625 650	18 685 320	19 749 924	24 282 191	26 007 630	29 440 846
M	16 392 526	17 516 200	18 966 827	20 253 445	24 417 048	25 685 723	27 227 863
A	17 802 666	17 701 073	18 623 830	20 193 322	24 100 595	27 382 933	31 697 080
M	16 933 464	17 649 491	18 359 314	19 528 156	25 185 488	27 399 497	29 591 114
J	16 806 962	17 403 961	19 142 163	21 405 439	25 245 618	27 118 758	29 374 773
J	17 033 634	18 236 477	19 215 219	21 729 389	24 912 464	27 443 755	29 944 134
A	17 049 483	16 458 765	19 394 157	20 775 046	25 532 438	27 725 344	
S	17 253 929	17 839 340	19 478 679	22 251 717	25 642 934	27 188 319	
O	17 185 843	18 544 354	19 347 278	22 307 324	25 796 272	28 863 622	
N	17 058 816	18 237 413	19 573 778	22 953 326	26 023 089	28 587 843	
D	17 212 493	18 566 052	19 919 549	22 839 253	26 397 757	28 874 962	

* Revised

1/ Preliminary

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		July 2/	June	July	July	June	July
		1996	1997	1996	1997	1996	1997
TOTAL	328 952 292	30 000 654	29 624 951	27 541 957	29 944 134	29 374 773	27 443 755
Food	47 757 843	4 293 245	4 044 065	3 921 569	4 305 247	4 152 365	3 927 802
Beverages	16 949 748	1 395 259	1 261 152	1 258 101	1 565 531	1 430 482	1 415 837
Tobacco 1/							
Textiles	10 296 516	983 710	1 033 478	896 173	947 421	945 702	858 225
Wearing apparel, excluding footwear	7 746 320	693 193	602 563	583 856	728 932	694 345	610 989
Leather and leather product	1 619 753	138 264	123 100	142 263	139 161	124 114	141 830
Footwear	2 270 142	220 314	178 827	200 708	216 705	207 959	197 691
Wood and wood products, excluding furniture	4 980 471	509 606	485 998	449 553	490 601	478 829	432 879
Furniture (wood)	4 868 067	392 928	415 242	388 938	402 668	421 042	395 596
Paper and paper products	15 841 443	1 395 726	1 466 261	1 378 520	1 361 260	1 493 232	1 338 772
Printing and publishing	9 966 977	904 552	881 348	787 731	927 903	900 135	805 768
Industrial chemicals	17 608 283	1 588 452	1 541 806	1 460 413	1 659 057	1 485 282	1 526 240
Chemical products, excluding products of petroleum and coal							
Products of petroleum and coal	17 763 120	1 680 445	1 684 938	1 432 812	1 687 360	1 648 766	1 438 040
Rubber products	18 373 407	1 783 170	1 774 955	1 546 539	1 743 379	1 717 278	1 508 195
Plastic products	3 781 854	354 731	376 149	299 811	349 384	334 494	296 393
Pottery	8 634 183	781 587	736 062	740 634	758 665	748 628	716 112
Glass and glass products	274 287	26 723	27 270	22 714	26 274	23 532	22 211
Other non-metallic mineral products	2 384 394	214 502	224 963	210 672	210 557	218 815	208 021
Basic iron and steel industries	8 401 910	820 629	792 738	777 356	773 981	748 075	736 859
Basic non-ferrous metal industries	20 315 076	1 788 452	2 062 595	1 733 174	1 896 591	1 902 463	1 831 179
Metal products, excluding machinery	10 427 198	881 023	1 035 893	859 010	908 190	1 027 867	882 731
Machinery and equipment	21 984 038	2 122 835	2 188 955	2 081 970	2 098 298	2 083 104	2 055 050
Electrical machinery	18 446 461	1 637 774	1 589 621	1 488 100	1 656 524	1 591 820	1 490 580
Motor vehicles, parts and accessories	12 446 071	1 161 178	1 159 010	1 065 811	1 128 285	1 116 705	1 038 622
Transport equipment, exclu- ding motor vehicles, parts and accessories	33 900 885	3 023 909	2 816 223	2 858 253	2 944 632	2 759 799	2 779 880
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 788 960	126 209	154 130	116 790	141 576	177 650	127 776
Other manufacturing industries	1 089 565	107 459	108 981	92 977	105 308	102 243	91 724
	9 035 320	974 779	858 628	747 509	943 113	862 480	720 506

* Revised

1/ Included in Other manufacturing industries

2/ Preliminary

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	July	June	July	July	June	July
	1997		1996	1997		1996
Spinning, weaving and finishing of textiles	326 472	322 880	276 853	316 931	321 093	268 824
Soft furnishings	75 226	75 301	79 835	72 021	70 533	76 094
Tents, tarpaulins, sails and other canvas goods and automotive textiles	8 637	9 078	9 588	9 613	8 834	10 600
Knitting mills	164 024	165 903	147 814	175 376	179 865	158 601
Clothing	1 039 883	1 090 832	948 501	1 071 483	1 067 210	973 727
Sawmilling from the round log	24 011	21 667	20 693	23 142	21 658	19 920
Board - laminated, plywood, particle, etc.	33 947	34 140	28 960	35 201	39 609	29 714
Carpentry and joinery and other sawmill products	30 359	32 170	32 500	29 932	29 735	31 949
Furniture (wood)	209 707	220 603	240 567	212 815	245 296	245 558
Pulp, paper and paperboard	241 118	185 451	211 198	197 878	194 790	174 041
Light and heavy packaging	321 346	320 068	337 963	337 797	335 963	355 842
Paints and varnishes	9 647	11 806	15 396	10 793	12 698	17 062
Basic iron and steel industries	3 215 132	3 204 813	2 673 297	3 218 895	3 146 325	2 678 703
Steel pipe and tube mills	352 530	369 975	347 696	365 630	362 308	359 321
Basic non-ferrous metal industries	994 534	1 070 978	692 906	984 313	1 035 687	680 175
General hardware, handtools and cutlery	38 699	35 593	32 074	35 639	32 716	29 548
Furniture (metal)	44 831	47 079	49 374	44 867	46 419	49 347
Structural metal products	1 501 491	1 572 509	1 371 701	1 563 985	1 633 826	1 420 388
Tinware	48 228	36 910	65 575	50 101	35 745	68 202
Cables, wire and springs	74 261	85 208	76 839	75 955	83 956	78 056
Headed and threaded articles	80 361	80 489	89 340	77 283	75 703	85 088
All other metal products	1 199 904	1 177 197	1 218 749	1 127 922	1 097 664	1 151 400
Electrical industrial machinery and apparatus	900 929	928 900	886 578	893 796	932 494	875 275
Radio, television and communication equipment	686 432	702 931	736 545	666 223	654 426	717 616
Electrical appliances and housewares	49 865	48 921	24 089	48 394	51 052	23 134
Insulated wire and cables	218 208	229 448	180 799	212 671	216 350	177 338
Dry and wet cell batteries	17 672	14 430	11 162	16 528	15 546	10 619
Other electrical goods	106 718	110 613	60 723	109 486	109 678	61 898
Motor vehicles	1 590 062	1 707 846	2 123 177	1 469 003	1 650 425	1 957 128
Motor vehicle parts	344 120	350 087	352 009	330 695	334 232	338 543

* Revised