

P3041.2

Manufacturing: Production and Sales

March 1996
Embargo: 13:00
Date: 16 May 1996

MANUFACTURING PRODUCTION LOWER

Although the seasonally adjusted manufacturing production for March 1996 is 2,1% lower than for the previous month, that for the first quarter of 1996 is at nearly the same level than for the last quarter of 1995. This is due to an exceptionally high index for January 1996.

Marginal higher production in the first quarter of 1996 compared with the previous quarter was reported in 16 of the 28 manufacturing major groups. Noticeable improvement in production was reported in the industrial chemical industry (0,5 of a percentage point), rubber and basic iron and steel industries (both with 0,3 of a percentage point) and the machinery industry (0,4 of a percentage point). In contrast to this the paper and electrical machinery industries recorded decreases of 0,6 of a percentage point and 0,3 of a percentage point respectively.

The seasonally adjusted sales of manufactured products for the first quarter of 1996 is 0,4% lower than for the previous quarter. The largest decreases were recorded in the paper (-R453 million) and the fabricated metal products industries (-R745 million). These decreases were partly counteracted by increases in the food (+R432 million), industrial chemical (+R281 million) and basic iron and steel industries (+R312 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).

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1990 = 100	R mill.	Production-indices	Sales
Actual				
Jan. 1996 - Mar. 1996	97,5	74 166,1	-0,3	+8,6
Jan. 1995 - Mar. 1995	97,8	68 285,8		
Seasonally adjusted				
Jan. 1996 - Mar. 1996	101,7	77 496,2	+0,1	-0,4
Oct. 1995 - Dec. 1995	101,6	77 778,6		

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	100,1*
M	107,1	100,3	99,0	99,5	100,4	107,4	104,5
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	101,4	105,6
F	100,1	96,2	95,9	93,2	92,1	102,2	100,8
M	101,6	94,9	93,6	94,0	94,8	101,4	98,7
A	99,9	102,7	95,1	91,5	93,9	102,0	
M	101,3	96,8	94,7	91,8	91,2	107,4	
J	101,5	95,5	91,7	94,0	94,8	104,1	
J	98,5	96,0	94,3	93,1	95,7	104,4	
A	101,5	95,8	86,1	93,5	95,4	104,1	
S	97,7	96,2	92,5	93,3	101,3	103,5	
O	99,4	95,3	94,7	93,1	98,5	102,4	
N	101,4	94,5	93,2	93,9	99,7	101,6	
D	96,5	94,8	95,0	95,3	98,5	100,8	

* Revised

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

BASE 1990 = 100

Manufacturing Major groups	Weights	Year 1995	Actual indices			Seasonally adjusted indices			
			March	*		March	March	February	March
				February	March				
			1996		1995		1996		1995
TOTAL	100,0	103,0	104,5	100,1	107,4	98,7	100,8	101,4	
Food	12,1	94,1	93,4	91,9	96,1	90,4	96,9	93,0	
Beverages	4,7	93,2	97,6	82,8	99,3	90,4	94,6	92,1	
Tobacco products	0,5	85,6	84,0	90,1	95,2	75,9	86,2	85,0	
Textiles	3,6	101,0	105,4	96,8	117,2	94,6	94,4	105,0	
Wearing apparel, excluding footwear	3,0	111,6	115,8	116,3	124,4	107,1	112,9	114,5	
Leather and leather product	0,4	109,7	104,7	95,3	116,6	100,7	93,3	111,8	
Footwear	1,1	83,3	79,6	76,5	96,0	73,1	78,5	87,7	
Wood and wood products, excluding furniture	1,9	102,5	103,4	100,4	113,2	98,0	100,2	107,5	
Furniture (wood)	1,6	103,4	101,8	111,5	93,7	99,9	115,8	91,6	
Paper and paper products	4,8	112,7	94,3	91,6	110,3	98,0	87,6	114,5	
Printing and publishing	3,7	99,1	103,0	99,2	113,2	96,8	98,8	106,3	
Industrial chemicals	5,5	103,1	98,9	99,9	102,2	101,4	100,5	104,6	
Chemical products, excluding products of petroleum and coal	5,9	105,7	115,3	101,9	114,5	105,8	105,4	105,0	
Products of petroleum and coal	6,5	140,2	133,6	137,8	117,1	150,6	140,3	132,4	
Rubber products	1,6	96,0	93,0	104,4	86,3	95,3	100,1	87,6	
Plastic products	2,6	115,6	116,8	123,2	123,1	111,2	121,4	117,0	
Pottery	0,2	84,8	88,4	122,4	97,8	88,7	121,0	97,9	
Glass and glass products	1,2	96,8	89,5	95,9	91,4	92,5	94,0	94,0	
Other non-metallic mineral products	3,3	94,3	96,5	89,2	100,0	91,2	91,5	94,4	
Basic iron and steel industries	6,6	95,7	102,9	88,2	87,8	104,9	95,8	88,8	
Basic non-ferrous metal industries	2,1	121,1	178,3	143,9	117,6	160,5	152,2	106,0	
Metal products, excluding machinery	7,2	97,7	101,3	97,2	107,9	92,8	97,5	99,0	
Machinery and equipment	6,1	97,3	115,7	109,2	108,1	94,9	107,3	88,9	
Electrical machinery	4,6	98,3	104,7	85,5	114,1	85,0	83,5	93,0	
Motor vehicles, parts and accessories	6,4	115,0	93,0	101,6	135,9	84,1	96,3	122,3	
Transport equipment, excluding motor vehicles, parts and accessories	1,3	51,5	57,9	58,8	60,0	53,7	58,8	55,8	
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	114,9	103,1	101,7	119,2	96,5	101,5	111,1	
Other manufacturing industries	1,1	78,6	86,0	79,9	87,1	79,8	79,0	80,5	

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL

HISTORICAL TABLE
R1 000

Month	1990	1991	1992	1993	1994	1995 *	1996
ACTUAL VALUES							
J	12 348 849	13 712 985	14 277 508	15 001 270	15 915 865	18 698 709	21 313 453
F	14 860 241	16 204 544	17 288 554	18 336 972	19 361 850	23 668 250	25 490 808*
M	16 234 714	17 356 587	18 539 113	20 161 768	21 563 056	25 918 845	27 361 813
A	14 613 184	16 773 123	16 505 964	17 258 359	18 653 274	22 289 820	
M	15 351 425	16 482 105	17 234 277	18 012 933	19 236 429	24 987 730	
J	16 093 394	16 962 591	17 541 067	19 270 812	21 526 323	25 433 879	
J	15 444 143	17 040 026	18 221 521	19 217 154	21 747 798	25 028 026	
A	16 753 032	17 679 729	17 011 951	20 000 317	21 416 754	26 359 715	
S	16 398 633	18 132 047	18 713 157	20 418 080	23 370 340	26 868 944	
O	17 419 343	18 612 507	20 161 612	21 182 424	24 567 418	28 442 167	
N	18 194 509	18 787 365	20 135 680	21 708 683	25 571 302	29 020 846	
D	13 722 288	14 973 144	16 230 546	17 501 483	20 155 247	23 100 463	
YEAR	187 433 755	202 716 753	211 860 950	228 070 255	253 085 656	299 817 394	
SEASONALLY ADJUSTED VALUES							
J	14 682 628	16 438 271	17 271 026	18 293 977	19 510 623	22 998 221	26 271 451
F	15 057 061	16 388 384	17 465 654	18 520 686	19 548 067	23 917 983	25 789 860
M	15 312 100	16 299 369	17 351 085	18 814 330	20 063 170	24 089 996	25 434 839
A	15 265 573	17 682 296	17 564 391	18 519 179	20 153 342	24 163 219	
M	15 755 201	16 884 785	17 677 694	18 515 689	19 853 148	25 843 965	
J	15 829 674	16 704 569	17 269 420	18 962 030	21 156 142	24 950 544	
J	15 453 055	17 017 491	18 143 237	19 073 396	21 557 330	24 797 617	
A	16 033 451	16 951 329	16 351 363	19 260 591	20 644 131	25 406 699	
S	15 446 246	17 110 698	17 678 178	19 290 253	22 071 739	25 371 629	
O	16 089 608	17 110 816	18 436 792	19 287 081	22 318 412	25 825 241	
N	16 480 834	16 932 266	18 085 604	19 434 309	22 855 087	25 908 074	
D	15 665 226	17 035 691	18 403 735	19 779 420	22 733 123	26 045 313	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		March	February*	March	March	February	March
		1996		1995	1996		1995
		1995		1996	1996		1995
TOTAL	299 817 394	27 361 813	25 490 808	25 918 845*	25 436 334	25 790 715	24 091 175
Food	41 350 850	3 900 534	3 596 448	3 415 909	3 763 841	3 775 752	3 300 471
Beverages	15 766 054	1 412 464	1 182 259	1 361 597	1 301 788	1 359 454	1 260 112
Tobacco products	3 128 951	264 499	281 872	274 046	241 631	271 534	248 163
Textiles	10 129 214	944 051	851 333	955 908	841 075	834 410	851 007
Wearing apparel, excluding footwear	7 811 048	768 938	664 885	734 210	687 488	667 753	655 623
Leather and leather product	1 548 661	124 933	112 766	135 526	121 026	112 062	131 090
Footwear	2 442 704	211 333	196 885	233 015	191 296	203 616	210 375
Wood and wood products, excluding furniture	4 389 603	389 905	377 264	389 376	369 156	379 208	369 586
Furniture (wood)	4 382 436	379 866	398 972	324 259	379 662	416 440	322 726
Paper and paper products	15 727 827	1 260 819	1 203 738	1 199 479	1 297 070	1 141 158	1 233 917
Printing and publishing	9 252 527	885 173	834 114	792 178	825 299	846 853	739 128
Industrial chemicals	15 296 437	1 311 346	1 348 086	1 226 622	1 340 890	1 350 601	1 252 596
Chemical products, excluding products of petroleum and coal	15 874 666	1 540 662	1 342 845	1 393 338	1 413 447	1 404 678	1 278 864
Products of petroleum and coal	16 180 255	1 424 725	1 426 757	1 457 419	1 502 759	1 470 994	1 537 394
Rubber products	3 635 758	331 663	318 036	282 494	331 775	308 710	280 409
Plastic products	8 082 685	714 459	712 395	691 556	680 672	698 317	658 022
Pottery	285 938	26 893	22 697	27 514	26 008	22 544	26 646
Glass and glass products	2 374 260	184 253	194 188	177 379	190 532	189 678	182 401
Other non-metallic mineral products	7 621 978	674 938	610 019	649 410	640 163	629 293	614 993
Basic iron and steel industries	19 118 653	1 852 309	1 584 050	1 477 939	1 865 953	1 693 981	1 480 050
Basic non-ferrous metal industries	7 159 061	814 401	660 025	601 661	724 555	694 749	537 116
Metal products, excluding machinery	20 088 040	1 731 630	1 677 978	1 799 596*	1 584 291	1 675 353	1 650 499
Machinery and equipment	16 266 480	1 670 159	1 346 126	1 457 153*	1 389 166	1 312 290	1 212 110
Electrical machinery	12 460 170	1 234 467	968 604	1 219 614*	1 006 258	962 815	996 841
Motor vehicles, parts and accessories	33 494 009	2 773 756	2 933 603	3 091 417	2 491 586	2 779 976	2 764 409
Transport equipment, excluding motor vehicles, parts and accessories	1 649 777	133 600	266 976	171 389*	89 787	262 171	113 268
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	81 566	82 703	93 713	73 259	82 208	84 262
Other manufacturing industries	3 237 685	318 471	295 184	285 128*	300 156	305 442	267 257

* Revised

TABLE 5 - VALUE OF UNFILED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	March	February	March	March	February	March
	1996		1995	1996		1995
Spinning, weaving and finishing of textiles	287 139	252 351	437 242	289 134	258 144	441 367
Soft furnishings	73 972	73 088	64 717	72 290	70 523	63 749
Tents, tarpaulins, sails and other canvas goods and automotive textiles	10 781	8 791	11 444	12 091	9 874	12 843
Knitting mills	143 686	125 846	182 819	136 782	124 817	174 142
Clothing	993 892	990 661	1 090 282	1 034 918	1 051 431	1 132 136
Sawmilling from the round log	11 774	12 221	13 454	12 593	11 097	14 291
Board - laminated, plywood, particle, etc.	32 019	28 017	26 845	34 637	30 992	29 200
Carpentry and joinery and other sawmill products	30 392	30 530	42 292	29 157	30 443	40 483
Furniture (wood)	253 226	239 828	232 617	282 552	270 044	258 512
Pulp, paper and paperboard	170 821	157 346	188 407	151 338	153 191	168 086
Light and heavy packaging	318 147	295 417	314 677	322 364	300 282	319 045
Paints and varnishes	13 168	21 774	16 231	12 313	21 723	15 176
Basic iron and steel industries	2 517 088	2 467 421	2 865 645	2 480 017	2 525 399	2 813 476
Steel pipe and tube mills	243 968	291 762	238 109	251 225	291 611	245 621
Basic non-ferrous metal industries	630 954	664 330	739 156	647 875	665 225	759 567
General hardware, handtools and cutlery	33 762	31 023	36 856	33 747	30 234	36 501
Furniture (metal)	51 734	48 339	53 657	47 141	48 501	49 075
Structural metal products	1 290 905	1 255 246	1 083 667	1 281 436	1 224 848	1 077 626
Tinware	97 613	60 060	80 036	94 772	65 328	78 351
Cables and wire products	75 182	87 895	188 286	76 619	86 436	189 889
Headed and threaded articles	111 012	109 275	95 455	104 568	110 335	90 343
All other metal products	1 182 667	1 274 426	1 157 528	1 104 392	1 148 482	1 068 641
Electrical industrial machinery and apparatus	985 232	949 152	962 912	936 321	958 171	915 722
Radio, television and communication equipment	809 254	808 465	639 242	862 994	815 545	678 561
Electrical appliances and housewares	24 954	22 071	22 906	22 156	22 286	20 471
Insulated wire and cables	218 267	240 685	246 411	244 338	254 968	272 806
Dry and wet cell batteries	11 281	8 877	8 278	9 605	8 928	6 982
Other electrical goods	73 525	60 957	46 423	84 015	66 485	52 628
Motor vehicles	1 657 630	1 580 754	2 147 449	1 660 865	1 555 973	2 165 098
Motor vehicle parts	415 286	427 141	427 141	406 587	413 984	417 885

* Revised