

P3041.2

Manufacturing : Production and Sales

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MANUFACTURING PRODUCTION SLIGHTLY LOWER THAN A YEAR AGO

Manufacturing production for the third quarter of 1996 was 0,7% lower than for the third quarter of 1995. The petroleum industry maintained the same production level as a year ago, whereas the non-ferrous metal industry grew rapidly (+46,2%). In contrast to this, production in the motor vehicle industry decreased substantially (-11,8%) during this period, although the retail sales of new motor vehicles showed an increase during this period (approximately 8%). This increase is mainly due to a considerable increase in the number of motor vehicles sold with no or a relatively low local content.

The 0,7% decrease in manufacturing production was mainly due to the effect of lower production in the motor vehicles industry (-0,8 of a percentage point), the basic iron and steel (-0,7 of a percentage point) and the clothing and the paper industries (each -0,5 of a percentage point). The decreases were counteracted to a large extent by the effect of higher production in the basic non-ferrous metal (+1,0 percentage point), food (+0,6 of a percentage point) and the machinery and equipment industry (+0,5 of a percentage point).

Total sales of locally manufactured products over the last few months did not increase as would have been expected (see graph page 2). The main contributors to the slowing down of the sales were the motor vehicle and electrical machinery industries. New manufacturing plants contributed largely to increased sales by the non-ferrous metal industry.

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1990 = 100	R mill.	Production-indices	Sales
Actual				
Jul. 1996 - Sept. 1996	106,4	84 069,5	-0,7	+7,4
Jul. 1995 - Sept. 1995	107,2	78 263,0		
Seasonally adjusted				
Jul. 1996 - Sept. 1996	103,2	81 043,4	-1,1	-2,0
Apr. 1996 - Jun. 1996	104,3	82 708,2		

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	84,4	87,6
F	99,2	95,5	95,2	92,6	91,6	101,5	99,3
M	107,1	100,3	99,0	99,5	100,4	107,3	104,7
A	95,8	97,8	89,8	85,8	87,4	94,6	97,6
M	98,7	94,6	92,6	89,8	89,0	104,7	105,3
J	104,3	97,6	93,4	95,4	96,0	105,5	103,1
J	98,9	96,5	95,1	94,3	97,2	106,2	104,2
A	105,5	99,4	89,0	96,3	98,0	106,8	108,5*
S	102,9	100,8	96,8	97,7	106,2	108,5	106,6
O	107,4	103,7	103,6	102,2	108,3	113,1	
N	111,7	104,7	103,7	104,9	111,7	114,0	
D	84,0	83,0	83,6	84,1	87,1	89,2	
YEAR	100,0	96,4	93,5	93,3	95,8	103,0	
SEASONALLY ADJUSTED INDICES							
J	99,5	97,9	94,9	92,8	92,6	101,7	105,7
F	100,1	96,2	95,9	93,5	92,7	103,1	101,1
M	101,6	94,9	93,7	94,0	94,9	101,4	98,9
A	99,8	102,6	94,9	91,3	93,4	101,2	104,6
M	101,3	96,7	94,3	91,2	90,1	105,6	106,1
J	101,5	95,4	91,7	94,2	94,9	104,5	102,1
J	98,5	96,0	94,3	93,2	95,8	104,6	102,7
A	101,5	95,8	86,1	93,4	95,0	103,4	105,1
S	97,7	96,2	92,5	93,5	101,5	103,8	101,9
O	99,4	95,3	94,7	93,0	98,5	102,8	
N	101,5	94,6	93,3	94,0	100,0	101,9	
D	96,5	94,8	95,1	95,4	98,8	101,2	

* Revised

TABLE 2 - INDICES OF THE PHYSICAL VOLUME OF MANUFACTURING PRODUCTION - MAJOR GROUPS
 BASE 1990 = 100

Manufacturing Major groups	Weights	Actual indices					Seasonally adjusted indices		
		Year	1996		1995		1996		1995
			September	August *	September	September	August	September	
			1995	1996	1995	1996	1995	1995	
TOTAL	100,0	103,0	106,6	108,5	108,5	101,9	105,1	103,8	
Food	12,1	94,1	100,5	107,7	99,3	98,8	105,1	98,0	
Beverages	4,7	93,2	90,5	94,5	100,4	88,5	101,3	98,3	
Tobacco products	0,5	85,6	80,8	92,4	78,1	77,1	84,4	74,4	
Textiles	3,6	101,0	105,9	111,1	105,2	97,9	106,4	97,3	
Wearing apparel, excluding footwear	3,0	111,6	105,2	107,4	129,2	89,2	93,1	109,3	
Leather and leather product	0,4	109,7	113,9	126,1	114,9	106,8	116,3	107,5	
Footwear	1,1	83,3	85,1	75,8	91,7	71,4	66,1	76,7	
Wood and wood products, excluding furniture	1,9	102,5	109,7	100,1	108,6	100,5	88,8	99,7	
Furniture (wood)	1,6	103,4	122,4	116,1	118,6	104,8	104,2	101,5	
Paper and paper products	4,8	112,7	107,8	101,9	117,8	106,2	93,8	116,5	
Printing and publishing	3,7	99,1	101,2	97,6	100,3	98,5	98,8	97,7	
Industrial chemicals	5,5	103,1	110,5	115,2	104,9	104,9	107,7	98,9	
Chemical products, excluding products of petroleum and coal	5,9	105,7	117,7	108,8	108,2	112,3	110,6	103,0	
Products of petroleum and coal	6,5	140,2	137,8	148,0	145,8	142,9	147,6	151,8	
Rubber products	1,6	96,0	94,9	94,1	100,1	89,1	87,3	93,7	
Plastic products	2,6	115,6	114,4	121,1	120,2	108,4	116,1	113,5	
Pottery	0,2	84,8	85,7	65,1	83,0	74,2	63,0	72,0	
Glass and glass products	1,2	96,8	92,5	95,6	97,2	91,9	94,6	95,4	
Other non-metallic mineral products	3,3	94,3	101,7	98,6	104,2	91,1	91,4	93,3	
Basic iron and steel industries	6,6	95,7	97,4	90,1	103,1	91,2	84,6	96,7	
Basic non-ferrous metal industries	2,1	123,5	194,8	190,2	137,5	186,7	191,0	132,8	
Metal products, excluding machinery	7,2	97,7	98,4	103,3	99,1	93,4	97,3	93,7	
Machinery and equipment	6,1	97,3	109,6	113,8	104,6	101,2	109,8	96,7	
Electrical machinery	4,6	98,0	91,8	104,1	107,3	81,9	99,5	95,8	
Motor vehicles, parts and accessories	6,4	115,0	105,0	107,3	119,0	98,0	103,3	110,9	
Transport equipment, excluding motor vehicles, parts and accessories	1,3	51,5	60,9	60,8	48,9	59,4	57,4	47,6	
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	114,9	102,4	104,1	123,7	97,4	102,5	117,8	
Other manufacturing industries	1,1	78,6	77,7	86,1	78,1	75,5	80,5	75,3	

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL

HISTORICAL TABLE
R1 000

Month	1990	1991	1992	1993	1994	1995	1996
ACTUAL VALUES							
J	12 344 911	13 708 350	14 272 233	14 998 362	15 912 227	18 700 767	21 255 869
F	14 855 596	16 199 300	17 283 659	18 333 144	19 357 694	23 673 858	25 399 720
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 353 174
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 298 150	25 413 248
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	27 400 358
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 441 625	27 438 931
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	25 036 272	27 286 678
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 354 379	28 526 947
S	16 394 505	18 123 577	18 710 826	20 413 391	23 362 473	26 872 347	28 255 890
O	17 415 854	18 608 654	20 155 870	21 183 241	24 565 955	28 443 858	
N	18 190 996	18 784 906	20 129 846	21 707 573	25 567 815	29 051 384*	
D	13 719 535	14 972 366	16 227 436	17 499 456	20 152 607	23 111 515*	
YEAR	187 385 300	202 659 405	211 800 409	228 030 455	253 036 162	299 904 068*	
SEASONALLY ADJUSTED VALUES							
J	14 681 645	16 438 055	17 273 648	18 307 617	19 548 100	23 081 555	26 293 039
F	15 055 995	16 388 364	17 470 311	18 550 903	19 629 605	24 087 906	25 882 615
M	15 304 539	16 291 191	17 353 046	18 809 475	20 069 029	24 102 202	25 416 289
A	15 273 104	17 691 777	17 566 031	18 501 361	20 093 392	24 079 590	27 482 796
M	15 753 703	16 877 570	17 661 168	18 497 436	19 802 597	25 774 685	28 273 190
J	15 827 985	16 702 658	17 274 244	18 994 765	21 187 406	25 012 453	26 952 228
J	15 453 006	17 026 077	18 156 188	19 108 576	21 574 215	24 831 467	27 064 132
A	16 016 199	16 915 797	16 298 410	19 169 483	20 494 248	25 177 589	27 249 594
S	15 448 152	17 111 351	17 681 933	19 312 435	22 079 023	25 411 258	26 729 646
O	16 064 781	17 085 839	18 412 865	19 261 842	22 310 265	25 819 975	
N	16 479 470	16 933 242	18 078 651	19 426 469	22 856 300	25 930 727	
D	15 663 875	17 039 151	18 401 105	19 779 985	22 745 685	26 066 866	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		September	August *	September	September	August	September
		1995	1996	1995	1996	1995	1996
TOTAL	299 904 068*	28 255 890	28 526 947	26 872 347	26 729 646	27 249 594	25 411 258
Food	41 327 000	3 973 812	4 143 672	3 483 029	4 043 982	4 096 957	3 537 529
Beverages	15 766 054	1 436 987	1 441 329	1 446 271	1 398 614	1 552 462	1 411 942
Tobacco products	3 155 057	267 833	285 946	253 771	259 035	262 251	244 425
Textiles	10 129 214	909 352	972 648	919 783	830 757	931 678	841 631
Wearing apparel, excluding footwear	7 811 048	691 537	670 399	758 398	579 347	588 558	633 780
Leather and leather product	1 548 661	142 033	153 001	136 896	134 033	143 741	128 821
Footwear	2 433 726	230 310	210 019	233 938	193 613	178 080	196 283
Wood and wood products, excluding furniture	4 389 603	434 959	409 597	400 248	399 807	366 582	368 274
Furniture (wood)	4 382 436	444 128	456 368	416 243	389 883	405 421	365 234
Paper and paper products	15 727 827	1 509 267	1 358 509	1 404 858	1 507 836	1 250 052	1 408 501
Printing and publishing	9 252 527	844 312	830 029	817 228	819 478	837 837	793 694
Industrial chemicals	15 296 437	1 547 292	1 456 262	1 315 941	1 417 031	1 379 750	1 201 003
Chemical products, excluding products of petroleum and coal	15 905 527	1 607 194	1 487 628	1 451 809	1 513 396	1 504 877	1 366 835
Products of petroleum and coal	16 180 255	1 431 376	1 660 405	1 393 604	1 409 761	1 520 385	1 371 499
Rubber products	3 635 758	322 732	288 088	311 941	302 167	277 923	291 586
Plastic products	8 082 685	736 538	761 852	739 025	679 407	720 926	681 157
Pottery	285 938	27 266	22 273	24 573	23 160	20 699	20 948
Glass and glass products	2 374 260	202 974	218 544	201 216	205 571	216 649	201 919
Other non-metallic mineral products	7 619 248	765 244	746 200	705 958	683 314	687 497	630 027
Basic iron and steel industries	19 118 733	1 759 247	1 678 635	1 728 500	1 676 269	1 517 610	1 649 461
Basic non-ferrous metal industries	7 159 061	890 592	1 044 246	705 491	846 097	1 045 185	675 181
Metal products, excluding machinery	20 277 587	1 786 599	1 813 879	1 681 662	1 676 780	1 744 602	1 575 088
Machinery and equipment	16 266 480	1 679 891	1 692 549	1 527 645	1 499 639	1 600 240	1 370 400
Electrical machinery	12 483 948*	1 106 409	1 124 704	1 126 017	1 005 014	1 059 395	1 020 700
Motor vehicles, parts and accessories	33 494 009	2 976 641	3 059 637	3 146 572	2 792 329	2 981 002	2 944 888
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	146 228	111 821	139 081	116 127	105 733	110 981
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	89 092	93 653	92 968	84 492	89 659	88 293
Other manufacturing industries	3 237 685	296 045	335 054	309 681	281 882	317 239	293 457

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	September	August	September	September	August	September
	1996		1995	1996		1995
Spinning, weaving and finishing of textiles	314 071	316 938	374 044	288 864	317 745	343 563
Soft furnishings	76 204	83 960	69 395	75 498	79 075	68 574
Tents, tarpaulins, sails and other canvas goods and automotive textiles	10 801	11 581	7 156	10 551	10 285	6 928
Knitting mills	191 902	163 037	186 904	172 290	162 115	169 434
Clothing	1 084 876	1 047 625	1 080 050	1 023 048	1 024 365	1 017 876
Sawmilling from the round log	22 262	20 886	26 997	22 385	21 180	27 216
Board - laminated, plywood, particle, etc.	41 552	39 767	29 362	35 361	32 715	24 984
Carpentry and joinery and other sawmill products	35 276	35 058	33 496	35 820	33 709	34 137
Furniture (wood)	329 092	275 581	369 099	259 840	250 269	292 547
Pulp, paper and paperboard	254 505	240 281	152 359	276 442	246 158	163 765
Light and heavy packaging	347 522	330 632	321 860	344 641	343 271	319 319
Paints and varnishes	11 636	19 899	22 313	11 518	19 863	22 152
Basic iron and steel industries	2 802 464	2 668 282	2 690 698	2 757 800	2 705 197	2 653 486
Steel pipe and tube mills	350 088	347 373	221 534	392 974	366 606	248 834
Basic non-ferrous metal industries	747 995	716 821	700 543	721 351	682 752	678 493
General hardware, handtools and cutlery	24 139	27 025	30 887	25 379	28 682	32 480
Furniture (metal)	45 479	48 765	59 929	44 853	44 154	58 138
Structural metal products	1 259 867	1 347 909	1 149 238	1 306 311	1 353 498	1 189 324
Tinware	65 868	63 599	64 560	63 468	65 721	61 618
Cables and wire products	54 547	52 927	83 796	56 800	50 689	87 443
Headed and threaded articles	78 998	79 805	101 193	83 131	80 498	105 141
All other metal products	1 060 858	1 189 182	945 449	1 151 953	1 200 689	1 021 094
Electrical industrial machinery and apparatus	910 775	921 985*	943 513	916 939	926 631	949 964
Radio, television and communication equipment	635 704	704 599	863 671	641 053	702 919	871 888
Electrical appliances and housewares	26 546	28 641	15 462	27 492	29 110	16 076
Insulated wire and cables	167 265	168 614	244 587	166 895	156 126	242 969
Dry and wet cell batteries	10 749	10 266	12 647	10 743	10 934	12 913
Other electrical goods	68 812	68 055	54 952	65 232	64 976	52 090
Motor vehicles	2 063 291	1 841 270	1 827 177	1 944 748	1 783 160	1 716 098
Motor vehicle parts	473 345	427 197	367 754	482 744	426 903	375 506

* Revised