

P3041.2

Manufacturing : Production and Sales

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MANUFACTURING PRODUCTION LEVELLING OFF

The manufacturing sector is showing signs of a slump in economic growth, reflected by the fact that manufacturing production for the three months ended August 1996 decreased by 0,3% compared with the preceding three months.

Manufacturing production reached a very high level after seasonal adjustment during May 1996 after which production levels dropped by approximately three percentage points. The largest contributors to the decrease of 0,3% were the clothing, furniture, printing and publishing, basic iron and steel and other transport industries. Lower production has also been reported in 13 of the other manufacturing major groups.

The seasonally adjusted total sales of manufactured goods for the three months ended August 1996 (R80 983,6 million) is 0,1% lower than for the preceding three months. The clothing, printing and publishing and non-electrical machinery industries showed the most significant decreases in sales.

Although physical volume of manufacturing production is on the decrease, some of the selected subgroups are recording increases in unfilled orders for the above-mentioned period after seasonal adjustment. Orders for steel pipes and tubes and other metal products are respectively R113 million and R172 million more.

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				
Jun. 1996 - Aug. 1996	105,0	82 903,2	-1,1	+7,9
Jun. 1995 - Aug. 1995	106,2	76 832,3		
Seasonally adjusted				
Jun. 1996 - Aug. 1996	103,0	80 983,6	-0,3	-0,1
Mar. 1996 - May 19 96	103,3	81 031,7		

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	105,1*
J	104,3	97,6	93,4	95,4	96,0	105,5	103,2*
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	107,5
S	102,9	100,8	96,8	97,7	106,2	108,5	
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	92,7	92,5	101,6	105,5
F	100,1	96,2	95,9	93,4	92,7	103,0	101,0
M	101,6	94,9	93,7	94,0	94,8	101,2	98,7
A	99,8	102,6	94,8	91,0	92,9	100,7	104,0
M	101,3	96,8	94,5	91,6	90,8	106,7	107,1
J	101,5	95,4	91,7	94,2	94,9	104,3	102,0
J	98,5	96,0	94,3	93,2	95,7	104,5	102,6
A	101,5	95,8	86,1	93,5	95,2	103,7	104,4
S	97,7	96,2	92,5	93,3	101,4	103,6	
O	99,4	95,4	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	98,7	101,1	

* 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		
			August	July *	August	August	July	August
			1996		1995	1996		1995
TOTAL	100,0	103,0	107,5	104,2	106,8	104,4	102,6	103,7
Food	12,1	94,1	107,7	98,7	97,7	105,2	100,1	96,0
Beverages	4,7	93,2	91,8	81,5	86,5	99,8	94,7	93,6
Tobacco products	0,5	85,6	92,4	98,1	92,9	85,1	89,7	85,8
Textiles	3,6	101,0	105,7	105,0	106,3	100,4	98,0	101,2
Wearing apparel, excluding footwear	3,0	111,6	107,4	94,2	126,8	93,3	94,4	110,0
Leather and leather product	0,4	109,7	124,2	116,1	110,8	116,6	113,8	104,0
Footwear	1,1	83,3	73,4	74,5	94,1	63,8	71,5	82,1
Wood and wood products, excluding furniture	1,9	102,5	98,5	109,8	111,6	87,2	108,8	98,9
Furniture (wood)	1,6	103,4	109,6	98,1	113,2	98,8	96,3	102,5
Paper and paper products	4,8	112,7	101,5	107,2	120,6	93,3	101,4	110,8
Printing and publishing	3,7	99,1	96,7	93,9	91,0	99,1	97,1	92,9
Industrial chemicals	5,5	103,1	105,8	103,3	113,5	102,3	108,4	109,9
Chemical products, excluding products of petroleum and coal	5,9	105,7	108,8	106,5	103,8	110,4	107,2	105,5
Products of petroleum and coal	6,5	140,2	148,0	142,2	138,1	147,3	142,9	137,9
Rubber products	1,6	96,0	94,1	92,5	109,2	87,1	91,0	102,1
Plastic products	2,6	115,6	121,1	123,7	120,8	116,6	115,1	116,2
Pottery	0,2	84,8	65,1	75,6	84,1	61,8	72,7	79,9
Glass and glass products	1,2	96,8	95,6	87,1	91,9	94,9	89,6	91,5
Other non-metallic mineral products	3,3	94,3	98,6	105,1	103,9	91,7	101,2	96,6
Basic iron and steel industries	6,6	95,7	90,1	96,5	103,6	84,3	93,6	97,1
Basic non-ferrous metal industries	2,1	123,5	188,6	173,2	115,2	189,6	174,2	116,3
Metal products, excluding machinery	7,2	97,7	102,8	96,1	99,3	97,7	95,1	94,5
Machinery and equipment	6,1	97,3	116,4	116,3	100,8	112,6	106,7	97,6
Electrical machinery	4,6	98,0	103,6	90,2	102,3	99,2	88,3	98,0
Motor vehicles, parts and accessories	6,4	115,0	107,3	105,9	121,8	104,4	103,3	119,0
Transport equipment, excluding motor vehicles, parts and accessories	1,3	51,5	60,8	59,9	54,0	56,8	57,7	50,4
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	114,9	104,1	117,5	129,5	103,2	117,0	127,9
Other manufacturing industries	1,1	78,6	86,1	88,3	94,0	81,8	84,8	89,9

* 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	21 254 675
F	14 855 596	16 199 300	17 283 659	18 333 144	19 357 694	23 673 858	25 390 818
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 333 190
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 298 150	25 422 524
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	27 288 004
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 441 625	27 372 537
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	25 036 272	27 262 683
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 354 379	28 267 969
S	16 394 505	18 123 577	18 710 826	20 413 391	23 362 473	26 872 347	
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	29 043 281	
D	13 719 535	14 972 366	16 227 436	17 499 456	20 152 607	23 095 840	
YEAR	187 385 300	202 659 405	211 800 409	228 030 455	253 036 162	299 880 290	
SEASONALLY ADJUSTED VALUES							
J	14 681 793	16 438 356	17 274 050	18 308 190	19 550 598	23 080 544	26 290 644
F	15 055 933	16 388 309	17 471 006	18 553 230	19 636 297	24 094 427	25 882 519
M	15 304 152	16 290 625	17 353 563	18 813 471	20 076 284	24 112 832	25 413 120
A	15 271 661	17 690 099	17 563 796	18 500 098	20 087 089	24 071 429	27 484 499
M	15 753 237	16 875 517	17 656 589	18 491 039	19 789 240	25 754 133	28 134 129
J	15 827 805	16 701 913	17 273 226	18 993 819	21 181 078	25 002 759	26 877 262
J	15 453 816	17 026 684	18 156 405	19 108 207	21 567 373	24 819 730	27 026 847
A	16 019 172	16 923 045	16 308 525	19 195 861	20 531 008	25 241 772	27 079 521
S	15 447 448	17 109 759	17 679 954	19 283 597	22 076 766	25 392 037	
O	16 065 102	17 085 321	18 411 142	19 260 727	22 304 408	25 813 461	
N	16 478 756	16 932 019	18 076 505	19 425 129	22 849 905	25 916 152	
D	15 663 803	17 038 740	18 400 327	19 780 697	22 742 418	26 045 580	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		August	July *	August	August	July	August
		1996		1995	1996		1995
		1995					
TOTAL	299 880 290	28 267 969	27 262 683	26 354 379	27 079 521	27 026 847	25 241 772
Food	41 327 000	4 120 728	3 858 996	3 565 319	4 078 818	3 890 476	3 539 863
Beverages	15 766 054	1 416 889	1 259 433	1 211 176	1 547 702	1 445 215	1 317 333
Tobacco products	3 155 057	294 662	297 786	290 215	271 117	277 812	268 462
Textiles	10 129 214	913 350	888 006	891 883	872 382	844 346	852 238
Wearing apparel, excluding footwear	7 811 048	670 399	575 729	733 172	588 067	598 255	641 695
Leather and leather product footwear	1 548 661	144 269	142 807	127 531	138 400	139 031	121 963
Footwear	2 433 726	203 335	197 416	240 239	169 264	199 341	201 513
Wood and wood products, excluding furniture	4 389 603	408 175	433 099	407 193	366 017	421 487	365 131
Furniture (wood)	4 382 436	424 473	376 289	414 373	380 535	371 523	373 543
Paper and paper products	15 727 827	1 352 711	1 361 638	1 432 694	1 253 406	1 290 091	1 326 158
Printing and publishing	9 252 527	818 265	778 544	756 536	827 512	794 778	763 078
Industrial chemicals	15 296 437	1 469 984	1 445 927	1 380 564	1 402 289	1 539 688	1 320 463
Chemical products, excluding products of petroleum and coal	15 905 527	1 449 950	1 422 681	1 327 630	1 462 045	1 415 633	1 341 581
Products of petroleum and coal	16 180 255	1 684 859	1 602 517	1 405 949	1 546 686	1 523 197	1 294 719
Rubber products	3 635 758	288 088	313 928	335 897	277 002	310 282	324 857
Plastic products	8 082 685	756 771	730 486	717 914	720 649	706 002	683 817
Pottery	285 938	22 273	21 671	24 129	20 321	21 493	22 122
Glass and glass products	2 374 260	218 544	213 242	199 509	219 126	215 558	200 965
Other non-metallic mineral products	7 619 248	742 734	755 308	697 838	688 992	727 656	647 134
Basic iron and steel industries	19 118 733	1 678 635	1 748 013	1 837 762	1 516 672	1 820 315	1 667 706
Basic non-ferrous metal industries	7 159 061	944 233	843 207	568 676	951 697	859 864	574 523
Metal products, excluding machinery	20 277 587	1 800 520	1 851 741	1 711 780	1 749 434	1 811 913	1 660 677
Machinery and equipment	16 266 480	1 725 007	1 501 973	1 473 139	1 630 406	1 480 753	1 394 876
Electrical machinery	12 460 170	1 134 320	1 062 683	1 099 107	1 074 124	1 049 939	1 040 855
Motor vehicles, parts and accessories	33 494 009	3 040 489	3 034 576	2 982 150	3 007 795	3 011 689	2 957 012
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	111 821	116 790	141 696	105 568	113 709	133 758
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	98 660	89 784	100 913	94 470	92 094	96 516
Other manufacturing industries	3 237 685	333 825	338 413	279 395	320 938	328 678	270 488

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	August	July *	August	August	July	August
	1996		1995	1996		1995
Spinning, weaving and finishing of textiles	316 938	293 386	369 104	317 002	284 171	368 026
Soft furnishings	83 960	79 432	69 770	79 554	76 383	65 364
Tents, tarpaulins, sails and other canvas goods and automotive textiles	11 581	9 588	9 844	10 222	10 555	8 852
Knitting mills	163 037	147 814	174 464	160 419	157 783	172 787
Clothing	1 047 625	1 011 449	1 038 087	1 022 363	1 021 371	1 011 303
Sawmilling from the round log	20 886	20 693	29 024	21 002	20 042	29 429
Board - laminated, plywood, particle, etc.	39 767	31 120	35 399	32 205	30 291	28 991
Carpentry and joinery and other sawmill products	35 058	32 500	38 592	33 583	31 527	36 812
Furniture (wood)	275 581	257 973	333 091	240 582	257 074	293 764
Pulp, paper and paperboard	240 281	207 713	156 344	241 047	180 680	155 760
Light and heavy packaging	333 840	337 963	316 302	346 760	357 335	329 046
Paints and varnishes	19 899	15 396	14 188	19 862	15 766	14 241
Basic iron and steel industries	2 668 282	2 673 297	2 689 075	2 700 716	2 674 928	2 725 742
Steel pipe and tube mills	347 373	347 696	222 628	365 381	354 738	234 278
Basic non-ferrous metal industries	716 821	683 370	708 575	668 847	642 839	663 989
General hardware, handtools and cutlery	27 025	32 074	30 216	29 170	30 933	32 580
Furniture (metal)	48 765	49 374	58 964	44 408	49 105	53 933
Structural metal products	1 347 909	1 371 701	1 130 575	1 361 779	1 396 752	1 141 064
Tinware	63 599	65 575	69 912	66 312	68 856	72 886
Cables and wire products	52 927	56 560	89 670	50 325	57 092	84 952
Headed and threaded articles	79 805	89 340	95 854	80 138	83 874	95 006
All other metal products	1 189 182	1 218 749	1 004 633	1 201 527	1 191 061	1 025 170
Electrical industrial machinery and apparatus	938 053	932 790	934 789	941 567	904 864	938 798
Radio, television and communication equipment	704 599	736 545	896 423	707 211	730 581	902 612
Electrical appliances and housewares	28 641	24 089	14 914	28 822	22 745	15 024
Insulated wire and cables	168 614	180 799	296 874	154 153	178 781	271 721
Dry and wet cell batteries	10 266	11 162	13 790	10 959	11 011	14 960
Other electrical goods	68 055	58 820	57 891	64 325	58 412	54 996
Motor vehicles	1 841 270	2 186 040	1 910 580	1 768 350	1 953 864	1 836 461
Motor vehicle parts	449 453	421 104	393 951	438 297	413 634	383 093

* Revised