

P3041.2

Manufacturing : Production and Sales

July 1996

Embargo: 13:00

Date: 19 September 1996

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MANUFACTURING PRODUCTION LOWER THAN A YEAR AGO

Manufacturing production for July 1996 remained at the same level as for the previous month after seasonal adjustment, but is 2,3% lower than for July 1995.

Compared with July 1995, lower production for July 1996 has been recorded in 17 of the 28 manufacturing major groups. The largest contributors to the decrease of 2,3% were the basic iron and steel (-0,8 of a percentage point), motor vehicle (-0,8 of a percentage point), clothing (-0,6 of a percentage point), paper (-0,5 of a percentage point) and electrical machinery industry (-0,5 of a percentage point).

The total value of sales of manufactured products for July 1996 (R27 238 million) is 8,8% (+R2 202 million) higher than for July 1995. Noticeable increases were recorded by the food (+R487 million), petroleum products (+R332 million), industrial chemicals (+R235 million) and basic non-ferrous metal industries (+R216 million).

If the value of unfilled orders for July 1996 is compared with that for July 1995, better prospects are envisaged for the structural metal products (+R323 million), all other metal products (+R233 million) and motor vehicle industries (+R156 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				
May 1996 - Jul. 1996	103,9	81 902,1	-1,5	+8,5
May 1995 - Jul. 1995	105,5	75 473,6		
Seasonally adjusted				
May 1996 - Jul. 1996	103,2	81 932,8	+1,8	+4,1
Feb. 1996 - Apr. 1996	101,4	78 738,4		

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

* 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	July	June *	July	July	June	July
				1996	1995	1996	1995		
				1996	1995	1996	1995		
TOTAL	100,0	103,0	103,8	103,0	106,2	102,3	102,0	104,6	
Food	12,1	94,1	98,7	98,0	94,2	99,5	98,8	94,8	
Beverages	4,7	93,2	79,9	84,9	83,1	92,6	95,3	96,0	
Tobacco products	0,5	85,6	98,1	84,2	92,8	89,8	78,0	84,9	
Textiles	3,6	101,0	102,8	95,2	107,5	95,9	87,4	100,3	
Wearing apparel, excluding footwear	3,0	111,6	94,2	85,0	115,9	94,9	95,0	116,3	
Leather and leather product	0,4	109,7	111,3	114,4	106,0	109,8	112,6	104,2	
Footwear	1,1	83,3	67,7	61,3	84,4	66,3	65,3	83,2	
Wood and wood products, excluding furniture	1,9	102,5	109,8	96,9	102,1	108,9	97,7	101,0	
Furniture (wood)	1,6	103,4	105,0	83,9	104,5	101,7	84,0	101,0	
Paper and paper products	4,8	112,7	106,4	106,4	118,2	100,8	110,2	112,3	
Printing and publishing	3,7	99,1	93,9	94,3	94,1	97,2	92,7	97,2	
Industrial chemicals	5,5	103,1	102,4	111,4	103,4	108,2	109,4	109,2	
Chemical products, excluding products of petroleum and coal	5,9	105,7	104,7	112,0	106,4	105,6	108,1	107,2	
Products of petroleum and coal	6,5	140,2	142,2	139,4	142,0	142,0	136,4	142,1	
Rubber products	1,6	96,0	92,5	109,1	106,9	91,0	98,2	106,3	
Plastic products	2,6	115,6	121,8	112,0	124,9	113,2	113,0	116,3	
Pottery	0,2	84,8	75,6	79,3	79,0	74,3	71,1	77,2	
Glass and glass products	1,2	96,8	88,7	101,1	109,6	89,4	103,5	111,1	
Other non-metallic mineral products	3,3	94,3	104,6	99,3	100,9	100,1	93,3	96,7	
Basic iron and steel industries	6,6	95,7	96,5	94,3	109,2	96,2	88,3	109,0	
Basic non-ferrous metal industries	2,1	123,5	173,2	163,0	127,9	173,0	166,3	127,8	
Metal products, excluding machinery	7,2	97,7	96,1	102,4	96,4	94,9	96,8	94,9	
Machinery and equipment	6,1	97,3	116,3	102,4	108,9	106,4	100,6	99,6	
Electrical machinery	4,6	98,0	91,8	102,1	102,0	90,1	97,3	100,4	
Motor vehicles, parts and accessories	6,4	115,0	105,9	103,2	120,6	103,1	100,9	116,5	
Transport equipment, excluding motor vehicles, parts and accessories	1,3	51,5	59,9	61,8	54,1	57,8	62,2	52,0	
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	114,9	102,1	112,4	128,8	104,9	113,1	131,9	
Other manufacturing industries	1,1	78,6	83,6	81,5	82,4	81,0	81,5	79,6	

* 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	25 392 658
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 334 076
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 298 150	25 410 068
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	27 380 134
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 441 625	27 283 768
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	25 036 272	27 238 238
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 354 379	
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	14 679 891	16 436 949	17 271 512	18 300 835	19 537 130	23 052 154	26 252 449
F	15 054 220	16 386 479	17 467 176	18 546 910	19 625 401	24 076 889	25 864 969
M	15 310 511	16 292 608	17 349 226	18 805 030	20 058 839	24 087 418	25 387 514
A	15 259 889	17 679 754	17 562 243	18 505 757	20 093 950	24 079 261	27 485 915
M	15 751 414	16 872 106	17 645 151	18 470 539	19 752 533	25 698 106	28 163 695
J	15 826 851	16 700 829	17 271 777	18 995 437	21 182 353	25 007 548	26 798 343
J	15 447 179	17 013 179	18 140 756	19 087 371	21 541 051	24 786 002	26 970 738
A	16 029 605	16 951 166	16 351 710	19 262 929	20 664 544	25 434 330	
S	15 443 617	17 105 450	17 677 607	19 281 520	22 072 351	25 384 977	
O	16 072 334	17 085 418	18 406 118	19 254 815	22 294 704	25 802 150	
N	16 481 812	16 935 906	18 080 162	19 427 739	22 845 200	25 908 407	
D	15 664 366	17 039 694	18 398 907	19 776 239	22 726 825	26 023 703	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		July	June *	July	July	June	July
		1995	1996	1995	1996	1995	1995
TOTAL	299 880 290*	27 238 238	27 283 768	25 036 272	26 970 738	26 798 343	24 786 002
Food	41 327 000*	3 894 428	3 908 310	3 407 593	3 909 558	3 965 504	3 414 072
Beverages	15 766 054	1 257 132	1 287 505	1 194 976	1 436 244	1 420 865	1 361 836
Tobacco products	3 155 057	297 786	276 183	272 123	278 095	259 846	252 352
Textiles	10 129 214	867 363	892 271	869 499	824 439	807 830	823 760
Wearing apparel, excluding footwear	7 811 048	580 586	529 632	628 991	607 438	588 583	654 079
Leather and leather product	1 548 661	136 627	141 492	125 598	134 504	141 835	123 207
Footwear	2 433 726*	183 065	152 039	192 009	183 343	171 587	192 741
Wood and wood products, excluding furniture	4 389 603	433 099	410 960	372 277	424 356	409 327	364 119
Furniture (wood)	4 382 436	378 872	341 153	364 143	372 856	340 564	356 835
Paper and paper products	15 727 827	1 351 893	1 319 529	1 371 769	1 288 045	1 383 661	1 310 576
Printing and publishing	9 252 527	778 544	769 470	758 273	789 779	772 768	769 275
Industrial chemicals	15 296 437	1 438 039	1 528 926	1 202 715	1 537 222	1 514 814	1 282 820
Chemical products, excluding products of petroleum and coal	15 905 527*	1 411 925	1 457 012	1 394 831	1 399 292	1 412 080	1 382 385
Products of petroleum and coal	16 180 255	1 657 716	1 405 047	1 326 130	1 589 148	1 314 911	1 273 106
Rubber products	3 635 758	313 928	375 804	323 723	317 870	341 218	330 076
Plastic products	8 082 685	718 821	715 476	694 320	692 620	723 371	667 174
Pottery	285 938	21 671	25 550	22 504	21 627	22 108	22 307
Glass and glass products	2 374 260	213 242	218 669	198 745	215 010	223 491	201 489
Other non-metallic mineral products	7 619 248	747 507	712 937	665 700	727 266	652 783	647 304
Basic iron and steel industries	19 118 733	1 748 013	1 807 691	1 544 909	1 799 268	1 654 070	1 586 318
Basic non-ferrous metal industries	7 159 061	843 207	884 381	627 636	858 640	898 420	637 068
Metal products, excluding machinery	20 277 587	1 837 215	1 835 823	1 638 370	1 807 840	1 733 087	1 608 931
Machinery and equipment	16 266 480	1 501 973	1 516 936	1 327 615	1 472 432	1 495 467	1 293 917
Electrical machinery	12 460 170	1 081 671	1 090 261	1 094 094	1 065 547	1 053 228	1 080 308
Motor vehicles, parts and accessories	33 494 009	3 027 329	3 107 742	2 923 747	3 019 845	3 094 424	2 891 054
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	113 742	169 410	114 810	112 931	192 159	113 074
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	82 554	93 879	95 509	85 447	91 172	98 370
Other manufacturing industries	3 237 685	320 290	309 680	283 663	314 242	319 685	277 255

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	July	June *	July	July	June	July
	1996		1995	1996		1995
Spinning, weaving and finishing of textiles	293 386	277 309	395 646	282 473	273 620	381 061
Soft furnishings	79 432	84 885	69 904	76 422	80 196	66 690
Tents, tarpaulins, sails and other canvas goods and automotive textiles	9 588	9 015	6 534	10 559	7 714	7 010
Knitting mills	133 388	140 065	155 821	145 897	151 932	171 444
Clothing	951 825	1 002 469	1 044 932	970 948	987 597	1 063 230
Sawmilling from the round log	20 693	26 628	29 853	19 758	25 330	28 425
Board - laminated, plywood, particle, etc.	31 120	26 591	32 484	30 417	29 779	31 659
Carpentry and joinery and other sawmill products	32 500	32 965	38 040	31 527	29 794	36 939
Furniture (wood)	230 097	214 348	301 890	227 434	226 795	301 043
Pulp, paper and paperboard	207 713	187 450	196 240	180 548	182 122	171 378
Light and heavy packaging	325 427	329 149	293 734	346 169	337 325	311 218
Paints and varnishes	15 396	19 480	13 821	15 779	20 581	14 306
Basic iron and steel industries	2 673 297	2 711 091	2 851 222	2 674 337	2 674 449	2 861 625
Steel pipe and tube mills	347 696	361 812	227 777	355 922	344 130	233 544
Basic non-ferrous metal industries	683 370	649 727	675 574	635 637	624 219	629 459
General hardware, handtools and cutlery	32 074	38 354	34 987	31 481	34 939	34 288
Furniture (metal)	49 374	52 751	51 999	49 747	52 162	52 262
Structural metal products	1 365 426	1 281 199	1 042 338	1 394 799	1 333 774	1 057 955
Tinware	66 440	69 853	66 801	70 216	66 644	70 056
Cables and wire products	62 029	63 567	81 654	64 728	59 945	84 238
Headed and threaded articles	89 340	90 825	94 210	83 851	82 448	87 465
All other metal products	1 229 600	1 112 611	996 324	1 188 113	1 057 392	970 925
Electrical industrial machinery and apparatus	932 790	873 942	929 435	899 218	860 623	897 199
Radio, television and communication equipment	736 545	766 999	873 402	731 660	725 063	864 852
Electrical appliances and housewares	24 089	24 089	18 131	22 270	25 053	16 648
Insulated wire and cables	180 799	192 283	301 416	179 168	188 067	299 719
Dry and wet cell batteries	11 162	9 606	10 100	11 058	10 164	10 124
Other electrical goods	58 820	76 311	71 019	58 613	74 892	70 531
Motor vehicles	2 186 040	1 766 880	2 030 338	1 981 598	1 728 477	1 848 922
Motor vehicle parts	421 104	423 544	392 791	409 870	404 672	381 723

* Revised