

P3041.2

Manufacturing: Production and Sales

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MANUFACTURING PRODUCTION FOR 1996 ON THE SAME LEVEL AS FOR 1995

Although manufacturing production for the last three months up to May 1996 shows a slight increase of 0,6% after seasonal adjustment compared with the previous three months, manufacturing production for May 1996 is nearly on the same level as for May 1995. Furthermore, the total production reported for the first five months of 1996 is equal to that for the corresponding period of 1995.

The major contributors to the 0,1% decrease in production from May 1995 to May 1996 were the paper (-1,0 percentage point), motor vehicle (-0,5 of a percentage point), petroleum products and basic iron and steel (each with - 0,4 of a percentage point) and textiles, metal products and electrical machinery industries (each with - 0,3 of a percentage point). These decreases were to a large extent counteracted by increased production at basic non-ferrous metal and food (each with 1,3 percentage points) and the chemical products industries (0,6 of a percentage point).

Only 15 of the 30 selected groups showed increases in the value of unfilled orders from May 1995 to May 1996 and showed mainly small increases, except for an increase of 23,0% or R239,3 million in structural metal products. In contrast to this, large decreases in the value of unfilled orders were reported by manufacturers of basic iron and steel products (-R375,8 million), basic non-ferrous metal industries (-R113,2 million) and motor vehicles (-R370,7 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				
Mar. 1996 - May. 1996	102,2	80 015,3	-0,0	+9,3
Mar. 1995 - May. 1995	102,2	73 218,1		
Seasonally adjusted				
Mar. 1996 - May. 1996	103,0	80 823,4	+0,6	+3,3
Dec. 1995 - Feb. 1996	102,4	78 242,8		

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

* 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	May	April *	May	May	April	May
				1996		1995	1996		1995
TOTAL	100,0	103,1	104,6	97,3	104,7	105,7	104,5	105,9	
Food	12,1	94,1	101,9	91,5	91,9	102,1	92,1	91,7	
Beverages	4,7	93,2	83,8	82,9	82,3	95,7	93,8	94,8	
Tobacco products	0,5	85,6	89,9	81,4	90,1	86,9	89,3	88,0	
Textiles	3,6	101,0	98,9	98,6	109,1	95,3	100,2	105,0	
Wearing apparel, excluding footwear	3,0	111,6	101,2	101,1	108,4	111,1	109,4	119,4	
Leather and leather product	0,4	109,7	109,6	96,9	124,1	103,4	101,5	117,5	
Footwear	1,1	83,3	61,1	71,1	85,6	66,1	76,7	92,5	
Wood and wood products, excluding furniture	1,9	102,5	107,3	100,9	108,4	107,7	108,7	109,1	
Furniture (wood)	1,6	103,4	106,8	96,7	104,7	110,7	110,0	108,8	
Paper and paper products	4,8	112,7	92,4	94,7	116,8	93,6	103,8	118,1	
Printing and publishing	3,7	99,1	102,1	95,9	99,5	106,8	103,8	104,4	
Industrial chemicals	5,5	103,1	106,5	95,5	100,3	114,5	106,0	108,2	
Chemical products, excluding products of petroleum and coal	5,9	105,7	114,6	106,1	103,2	113,6	110,7	102,1	
Products of petroleum and coal	6,5	140,2	133,7	139,6	141,5	130,5	134,9	137,6	
Rubber products	1,6	96,0	88,1	87,0	96,0	91,9	95,9	99,7	
Plastic products	2,6	115,6	116,4	104,4	116,8	117,9	113,1	118,5	
Pottery	0,2	84,8	80,0	76,6	93,5	81,0	79,0	94,4	
Glass and glass products	1,2	96,8	90,8	87,3	90,7	94,8	87,4	94,6	
Other non-metallic mineral products	3,3	94,3	96,8	83,8	96,8	96,2	92,6	96,6	
Basic iron and steel industries	6,6	95,7	95,1	80,9	101,5	91,7	90,2	98,1	
Basic non-ferrous metal industries	2,1	123,5	184,2	171,6	113,8	187,4	177,0	115,8	
Metal products, excluding machinery	7,2	97,7	99,6	92,6	103,8	98,1	101,4	102,6	
Machinery and equipment	6,1	97,3	102,8	99,1	98,7	108,8	112,4	104,2	
Electrical machinery	4,6	98,9	98,3	90,1	105,8	97,8	107,0	105,9	
Motor vehicles, parts and accessories	6,4	115,0	120,7	96,8	127,9	116,2	107,1	123,6	
Transport equipment, excluding motor vehicles, parts and accessories	1,3	51,5	55,6	53,9	51,9	60,4	62,5	56,3	
Professional and scientific measuring and controlling equipment and photographic and optical goods	0,4	114,9	109,4	102,1	126,7	107,1	107,1	124,9	
Other manufacturing industries	1,1	78,6	86,2	78,0	84,8	88,3	90,8	87,5	

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL

HISTORICAL TABLE
R1 000

Month	1990	1991	1992	1993	1994	1995	1996 *
ACTUAL VALUES							
J	12 344 911	13 708 350	14 272 233	14 998 362	15 912 227	18 700 767	21 289 757
F	14 855 596	16 199 300	17 283 659	18 333 144	19 357 694	23 673 858	25 420 382
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 359 705
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 298 150	25 417 264
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	27 238 330
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 441 625	
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	25 036 272	
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 368 156	
S	16 394 505	18 123 577	18 710 826	20 413 391	23 362 473	26 887 139*	
O	17 415 854	18 608 654	20 155 870	21 183 241	24 565 955	28 461 235*	
N	18 190 996	18 784 906	20 129 846	21 707 573	25 567 815	29 066 133*	
D	13 719 535	14 972 366	16 227 436	17 499 456	20 152 607	23 115 120*	
YEAR	187 385 300	202 659 405	211 800 409	228 030 455	253 036 162	299 968 368	
SEASONALLY ADJUSTED VALUES							
J	14 680 751	16 439 468	17 276 456	18 310 245	19 543 769	23 057 783	26 303 836
F	15 054 889	16 388 550	17 471 746	18 552 931	19 621 384	24 064 646	25 879 758
M	15 310 529	16 293 208	17 352 332	18 815 250	20 067 058	24 100 624	25 429 288
A	15 259 684	17 679 417	17 564 122	18 526 232	20 130 442	24 150 753	27 589 442
M	15 744 968	16 853 257	17 599 417	18 396 313	19 633 962	25 517 190	27 804 650
J	15 825 010	16 698 773	17 272 797	18 973 669	21 188 702	25 002 272	
J	15 446 170	17 012 722	18 143 255	19 082 355	21 581 660	24 844 442	
A	16 030 643	16 953 517	16 355 919	19 273 349	20 670 223	25 455 065	
S	15 442 668	17 104 307	17 678 529	19 287 256	22 073 708	25 401 449	
O	16 078 900	17 096 224	18 419 483	19 274 312	22 309 330	25 833 729	
N	16 481 978	16 937 169	18 083 124	19 435 662	22 848 118	25 933 974	
D	15 667 333	17 045 213	18 408 135	19 789 079	22 737 187	26 059 231	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

R1 000

Manufacturing Major groups	Year	Actual values			Seasonally adjusted values		
		May	April	May	May	April	May
		1996		1995	1996		1995
TOTAL	299 968 368*	27 238 330	25 417 264	24 995 708	27 804 650	27 589 442	25 517 190
Food	41 405 791	3 895 617	3 942 036	3 273 276	3 962 422	3 887 335	3 317 318
Beverages	15 766 054	1 251 336	1 244 879	1 144 527	1 420 794	1 379 769	1 307 198
Tobacco products	3 155 057*	298 623	262 861	276 048	289 064	288 842	269 567
Textiles	10 129 214	908 021	855 185	910 002	867 886	876 484	869 862
Wearing apparel, excluding footwear	7 811 048	611 204	669 786	606 386	689 665	692 014	685 390
Leather and leather products	1 548 661	138 291	125 469	145 904	132 118	128 238	139 639
Footwear	2 442 704	163 038	166 618	205 466	177 295	188 501	223 452
Wood and wood products, excluding furniture	4 389 603	400 564	389 545	388 474	411 429	418 464	398 792
Furniture (wood)	4 382 436	397 908	364 070	355 232	414 673	421 690	370 835
Paper and paper products	15 727 827	1 191 806	1 194 134	1 292 428	1 226 033	1 285 365	1 324 436
Printing and publishing	9 252 527	839 394	784 974	765 362	884 775	846 672	807 422
Industrial chemicals	15 296 437	1 382 879	1 284 002	1 203 182	1 495 965	1 423 434	1 304 846
Chemical products, excluding products of petroleum and coal	15 909 542*	1 502 625	1 422 429	1 272 717	1 500 619	1 479 285	1 267 874
Products of petroleum and coal	16 180 255	1 348 876	1 449 966	1 276 294	1 411 979	1 461 426	1 328 819
Rubber products	3 635 758	305 162	318 039	284 022	319 624	333 053	295 441
Plastic products	8 082 685	721 305	670 370	647 727	738 155	716 014	663 359
Pottery	285 938	23 603	20 952	24 589	24 182	21 375	25 035
Glass and glass products	2 374 260	178 669	183 169	171 994	191 507	186 084	183 309
Other non-metallic mineral products	7 615 542*	706 949	633 864	667 313	692 105	695 738	656 247
Basic iron and steel industries	19 118 733	1 795 990	1 553 315	1 742 865	1 723 007	1 735 750	1 672 748
Basic non-ferrous metal industries	7 159 061	904 854	774 550	643 542	872 372	805 211	622 422
Metal products, excluding machinery	20 277 587	1 800 077	1 629 400	1 704 810	1 762 183	1 807 545	1 672 392
Machinery and equipment	16 266 480	1 494 228	1 402 900	1 263 579	1 618 745	1 645 674	1 364 243
Electrical machinery	12 460 170	1 078 501	976 856	1 059 290	1 097 108	1 171 974	1 080 560
Motor vehicles, parts and accessories	33 494 009	3 392 124	2 635 860	3 165 177	3 198 052	2 961 323	3 004 101
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	90 290	87 206	157 286	115 635	122 205	202 160
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	90 850	83 773	90 420	90 010	88 532	90 000
Other manufacturing industries	3 237 685	325 546	291 056	257 796	340 975	336 283	271 202

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	May	April *	May	May	April	May
	1996		1995	1996		1995
Spinning, weaving and finishing of textiles	283 494	291 931	364 496	290 355	296 037	373 524
Soft furnishings	71 242	72 779	61 607	76 198	73 613	66 452
Tents, tarpaulins, sails and other canvas goods and automotive textiles	13 824	13 729	9 350	12 589	12 947	8 643
Knitting mills	145 392	152 806	171 432	160 396	155 643	189 357
Clothing	1 039 683	1 130 185	1 179 694	1 000 682	1 093 786	1 139 082
Sawmilling from the round log	13 358	14 150	15 356	13 564	13 974	15 500
Board - laminated, plywood, particle, etc.	34 136	34 261	27 953	38 211	37 759	30 894
Carpentry and joinery and other sawmill products	29 310	25 842	38 398	29 392	25 926	38 744
Furniture (wood)	201 583	228 556	253 370	227 916	258 312	285 608
Pulp, paper and paperboard	202 181	174 305	168 855	197 384	172 242	165 941
Light and heavy packaging	297 603	309 833	291 616	313 889	326 607	307 117
Paints and varnishes	21 131	22 686	10 393	22 888	22 589	11 183
Basic iron and steel industries	2 688 735	2 712 087	3 064 541	2 656 030	2 683 158	3 017 394
Steel pipe and tube mills	274 344	221 036	259 581	248 716	239 551	236 134
Basic non-ferrous metal industries	656 517	669 209	769 709	658 605	688 718	771 306
General hardware, handtools and cutlery	35 236	28 318	39 097	34 077	30 012	38 078
Furniture (metal)	58 833	55 629	49 548	55 920	53 502	47 871
Structural metal products	1 279 410	1 271 334	1 040 105	1 279 184	1 279 863	1 036 030
Tinware	62 845	61 947	64 266	69 106	62 096	70 359
Cables and wire products	82 561	89 299	186 519	79 440	93 508	180 999
Headed and threaded articles	102 151	114 657	91 735	92 863	102 582	83 436
All other metal products	1 108 509	1 108 085	1 092 534	1 025 548	1 000 936	1 009 516
Electrical industrial machinery and apparatus	868 734	917 934	926 379	888 973	921 555	947 853
Radio, television and communication equipment	917 048	935 237	916 643	851 824	915 267	852 924
Electrical appliances and housewares	22 043	28 713	16 081	23 092	27 304	16 830
Insulated wire and cables	203 671	196 071	301 418	193 380	205 763	287 962
Dry and wet cell batteries	10 030	9 399	7 359	9 567	8 775	6 975
Other electrical goods	61 143	64 867	63 415	67 315	69 859	69 362
Motor vehicles	1 968 696	2 242 100	2 339 357	1 837 719	1 982 206	2 183 049
Motor vehicle parts	430 957	424 746	421 345	402 848	403 700	390 240

* Revised