

P3041.2
MANUFACTURING: production and sales

October 1998
Embargo: 13:00
Date: 10 December 1998

MANUFACTURING PRODUCTION CONTINUES TO DECREASE

Manufacturing production for the first ten months of 1998 reflected a decrease of 3,5% compared with the first ten months of 1997. Furthermore, manufacturing production for the three months up to October 1998 reflected a decrease of 2,5% after seasonal adjustment compared with the previous three months. Lower production was reported by 19 of the 27 manufacturing major divisions. The decrease can mainly be attributed to strike action reported by the petroleum, other chemical products, plastic and motor vehicle manufacturers.

The major contributors to the decrease of 2,5% were the motor vehicle (-0,6 of a percentage point), the machinery (-0,4 of a percentage point), the beverage (-0,2 of a percentage point), the printing and publishing (-0,2 of a percentage point), the petroleum (-0,2 of a percentage point) and the radio and television (-0,2 of a percentage point) divisions.

The total value of sales of manufactured products for the three months up to October 1998 reflected a slight decrease of 0,6% (-R547 million) after seasonal adjustment compared with the preceding three months. The largest decreases were recorded by the radio and television (-16,4% or R223 million), the machinery (-9,3% or R452 million) and the motor vehicle (-8,8% or R747 million) divisions. However, large increases were recorded by the basic non-ferrous metal (8,1% or R230 million), the basic chemical (6,6% or R243 million) and the food (1,2% or R166 million) divisions.

SUMMARY - TOTAL MANUFACTURING

Period				Production indices 1995 = 100	Sales R mill.	Percentage change of:	
						Production indices	Sales
Actual							
Aug.	1998 -	Oct.	1998	104,7	96 217,3	-5,8	-0,4
Aug.	1997 -	Oct.	1997	111,1	96 565,6		
Seasonally adjusted							
Aug.	1998 -	Oct.	1998	98,3	90 719,4	-2,5	-0,6
May	1998 -	Jul.	1998	100,8	91 266,0		

NOTES

1. This statistical release shows the indices of the physical volume of manufacturing production and the value of sales and unfilled orders, after benchmarking, according to manufacturing divisions and major groups. Furthermore, in accordance with international practice, the indices were recalculated on the basis of 1995=100. Both actual and seasonally adjusted figures are shown. The former TBVC states are included.

2. In order to improve timeliness, some information for the current month may have been estimated due to late response. These estimates will be revised in the next issue(s) as soon as better information is available.

3. The calculation of the monthly production indices is based on the value of products and articles manufactured, after the effect of price changes has been eliminated through 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 results of the 1991 and 1993 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 1993 census year covers the period 1 July 1992 to 30 June 1993 and therefore the benchmarking was done using the index of January 1993 as reference point).

5. 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.

6. Production indices for the various manufacturing subgroups, that were previously published in the Bulletin of Statistics, were discontinued as from January 1993. The production indices on a subgroup basis can be obtained through approximation by deflating the value of sales according to manufacturing subgroups (as published in Chapter 6 of the Bulletin of Statistics) by the production price indices for the relevant manufacturing subgroups (statistical release P0142.1, entitled Production Price Index).

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 1990 to August 1997 was published in statistical releases P3041.3 (entitled Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 1995=100, January 1990 to August 1997) on 12 November 1997 and P3041.4 (entitled Manufacturing statistics: Value of sales, January 1990 to July 1997) on 6 November 1997.

8. Stats SA has adopted the confidential pre-release policy in respect of selected economic indicators and specific government departments. The policy accords with practice among leading statistical agencies. The statistical integrity of the indices and strict observance of the release time has been assured by the following procedure:

In respect of this statistical release, an official representative from the Office of the President, the Deputy President, the Department of Trade and Industry, the Department of Finance, and the South African Reserve Bank will receive a copy of the release on a strictly confidential basis two hours in advance of the public issue.

Stats SA pre-release policy may be inspected at its Website, www.statssa.gov.za.

TABLE 1 - INDICES OF THE PHYSICAL VOLUME OF MANUFACTURING PRODUCTION - TOTAL

HISTORICAL TABLE
BASE 1995 = 100

Month	1992	1993	1994	1995	1996	1997	1998
ACTUAL INDICES							
J	77,2	75,6	75,4	79,5	84,0	90,0	89,7*
F	92,3	90,6	89,6	97,0	96,6	101,2	101,2
M	95,9	98,1	99,2	103,4	101,9	102,0	102,3
A	87,0	84,1	86,5	90,6	95,3	104,7*	96,8*
M	89,7	87,6	86,4	101,3	102,7	105,3	100,7*
J	90,0	93,0	93,7	102,0	101,4	104,1	103,0*
J	92,2	92,2	95,9	102,8	103,4	107,4	103,5*
A	86,5	94,3	96,2	104,9	105,5	106,6*	99,0*
S	94,0	96,2	103,6	107,5	104,2	108,0	104,7
O	100,5	100,5	106,1	112,1	114,4	118,6	110,5 1/
N	100,7	103,0	109,6	111,9	113,8	112,5*	
D	81,4	83,3	86,0	86,8	84,8	88,0	
YEAR	90,6	91,5	94,0	100,0	100,7	104,0	
SEASONALLY ADJUSTED INDICES							
J	92,4	90,9	90,7	95,3	100,1	106,5	105,8
F	93,2	91,8	91,1	99,0	98,8	103,6	103,7
M	91,2	93,6	95,0	99,7	99,0	99,9	100,6
A	92,6	89,7	92,4	96,6	101,4	111,0	102,4
M	91,6	89,0	87,1	101,5	102,3	104,5	99,8
J	89,0	92,2	93,0	101,3	100,5	103,1	102,0
J	91,4	91,0	94,3	100,7	101,0	104,6	100,7
A	83,5	91,3	93,3	101,9	102,6	103,8	96,4
S	89,3	91,2	98,3	102,2	99,2	103,1	100,2
O	91,3	91,0	95,6	100,5	102,1	105,5	98,2
N	89,8	92,0	98,1	100,4	102,6	101,6	
D	92,4	94,7	98,2	99,6	98,0	101,9	

* Revised

1/ Preliminary

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

BASE 1995 = 100

Manufacturing Divisions and major groups	Weights	Year 1997	Actual indices			Seasonally adjusted indices		
			October	September	October	October	September	October
			1998		1997	1998		1997
			1997	1998	1997	1998	1997	
TOTAL	100,0	104,0*	110,5	104,7	118,6	98,2	100,2	105,5
Food and food products	13,6	107,5	117,8	112,0	127,8	105,0	110,5	114,0
Meat, fish, fruit etc.	3,9	120,2	146,1	122,6	115,8	141,4	127,2	112,2
Dairy products	1,6	95,3	99,5	90,7	108,6	90,1	90,5	98,6
Grain mill products	2,8	103,1	106,9	86,4	127,7	94,7	92,1	113,3
Other food products	5,3	104,3	108,5	124,5	142,5	92,9	111,3	121,7
Beverages	5,2	104,9	113,5	99,4	119,7	102,2	100,7	108,1
Total textiles	3,3	102,6	103,8	92,1	120,2	90,8	87,4	105,6
Textiles	2,0	102,0	99,0	87,8	120,7	86,1	83,0	105,4
Other textile products	1,3	103,7	111,2	98,7	119,5	97,5	93,8	105,1
Total Wearing apparel	3,7	93,7	108,8	100,6	121,6	86,8	88,4	97,6
Knitted, crocheted articles	0,7	86,5	90,9	81,4	97,3	82,6	82,2	89,1
Wearing apparel	3,0	95,2	112,7	104,8	126,9	87,3	89,0	98,8
Tanning and dressing of leather	0,4	103,0	143,8	104,8	123,8	122,3	109,5	106,2
Footwear	1,1	83,9	88,2	90,4	106,0	69,4	73,9	83,6
Wood and products of wood	1,8	111,2	118,5	110,8	123,6	104,6	104,2	109,1
Sawmilling and planing of wood	0,6	103,8	103,6	105,6	123,2	90,2	94,5	106,9
Products of wood	1,1	115,2	126,6	113,6	123,8	111,8	108,9	109,6
Paper and paper products	4,9	92,0	95,4	111,9	106,5	86,7	106,7	96,7
Total publishing and printing	3,9	99,5	106,1	98,1	115,7	94,4	95,5	102,9
Publishing	1,6	103,2	106,8	103,0	108,1	102,0	101,4	102,8
Printing, recorded media	2,3	97,0	105,7	94,7	120,8	90,3	91,0	103,4
Coke and refined petroleum products	6,1	105,3	108,6	90,7	102,2	106,6	97,5	100,3
Basic chemicals	4,4	108,0	125,0	108,0	126,3	108,8	109,2	110,2
Other chemical products	7,1	106,9	123,4	114,0	121,9	108,3	105,8	107,1
Rubber products	1,5	98,1	91,7	107,6	99,7	88,9	97,9	95,5
Plastic products	2,9	91,8	104,5	93,8	106,4	88,3	88,5	90,2
Glass and glass products	1,0	97,5	94,1	88,0	108,7	84,4	85,2	96,4
Other non-metallic mineral products	3,3	98,3	101,6	93,5	109,8	88,6	88,5	96,2
Basic iron and steel products	5,8	100,9	97,2	99,3	97,4	95,3	96,9	95,3
Basic precious and non-ferrous metal products	1,9	143,4	154,3	146,2	139,5	150,8	141,2	135,5
Fabricated metal products	6,6	109,8	111,4	112,3	131,4	97,4	105,9	115,1
Structural metal products	1,9	114,1	114,2	125,0	137,7	100,9	117,8	121,9
Other fabricated metal product	4,7	108,1	110,2	107,1	128,8	95,4	99,2	111,8
Total machinery and equipment	6,1	111,1	108,8	112,4	128,4	97,2	99,5	114,5
General purpose machinery	2,5	117,6	106,2	126,0	117,2	102,8	113,8	112,0
Special purpose machinery	3,1	106,5	105,5	99,6	135,9	89,6	86,3	116,1
Household appliances	0,5	108,3	141,2	123,0	138,3	112,6	113,7	111,1
Electrical machinery, apparatus	3,2	99,9*	102,9	103,7	112,5	94,9	97,3	103,8
Radio, television and communication apparatus	1,2	101,7*	105,7	141,0	113,9	99,8	132,6	107,3
Professional equipment	0,5	96,7	63,3	71,3	97,1	60,2	70,1	92,5
Motor vehicles; trailers; parts and accessories	6,5	93,6	99,0	82,9	108,8	83,5	81,3	91,8
Motor vehicles	3,5	93,2	87,3	69,8	109,4	71,3	67,4	89,6
Bodies for motor vehicles; trailers and semi-trailers	0,5	72,1	67,6	58,5	64,9	63,8	56,6	60,9
Parts and accessories	2,5	98,7	122,3	106,6	117,1	104,9	104,1	100,5
Other transport equipment	1,0	123,8	127,9	121,1	137,5	116,9	120,4	125,5
Furniture	1,8	109,9	125,0	101,2	142,8	95,5	85,6	109,3
Other manufacturing industries	1,5	119,6	133,9	123,6	151,4	107,8	127,8	122,4

* Revised

1/ Preliminary

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL

HISTORICAL TABLE
R1 000

Month	1992	1993	1994	1995	1996	1997	1998*
ACTUAL VALUES							
J	14 475 661	15 299 940	16 201 243	18 972 369	21 421 828	24 871 254	25 617 162
F	17 521 807	18 649 462	19 696 094	24 073 305	25 724 557	29 162 240	29 289 622
M	18 817 998	20 481 694	21 893 931	26 313 399	27 652 533	29 245 294	31 450 913
A	16 774 488	17 605 375	19 014 509	22 571 092	25 710 889	29 772 571	29 016 110
M	17 535 072	18 354 043	19 563 266	25 355 408	27 699 658	29 927 655	29 697 987
J	17 821 269	19 597 820	21 880 147	25 777 248	27 658 896	29 928 753	31 055 156
J	18 504 264	19 576 619	22 057 569	25 192 348	27 767 486	30 550 077	30 834 051
A	17 288 766	20 370 343	21 743 035	26 600 620	28 946 695	30 746 549	29 989 633
S	18 995 280	20 772 568	23 682 251	27 235 110	28 956 710	30 716 855	32 111 983
O	20 499 991	21 543 028	24 929 760	28 787 305	32 347 379	35 102 246*	34 115 680 1/
N	20 494 438	22 076 528	25 922 521	29 279 635	32 321 645	33 014 495*	
D	16 518 884	17 836 672	20 460 793	23 606 618	25 853 871	27 726 499*	
YEAR	215 247 918	232 164 092	257 045 119	303 764 457	332 062 147	360 764 488*	
SEASONALLY ADJUSTED VALUES							
J	17 577 303	18 701 804	19 859 089	23 227 946	26 100 187	30 148 220	30 945 970
F	17 721 499	18 897 820	19 979 036	24 508 623	26 249 474	29 844 188	30 001 369
M	17 644 163	19 206 322	20 551 961	24 810 521	26 210 568	27 885 366	30 080 794
A	17 908 657	18 822 789	20 319 382	24 036 350	27 257 745	31 404 182	30 523 162
M	17 841 244	18 607 333	19 739 724	25 490 550	27 772 531	29 972 906	29 725 966
J	17 623 737	19 384 702	21 656 011	25 513 760	27 384 156	29 661 700	30 817 469
J	18 395 641	19 456 707	21 937 245	25 072 663	27 657 094	30 433 015	30 722 536
A	16 674 050	19 732 638	21 123 869	25 917 107	28 213 060	29 987 941	29 234 984
S	18 031 496	19 733 229	22 570 037	26 112 953	27 876 937	29 692 270	31 148 877
O	18 628 803	19 511 141	22 468 369	25 834 514	28 897 391	31 263 973	30 335 519
N	18 373 104	19 772 517	23 235 718	26 241 731	29 054 706	29 703 501	
D	18 662 199	20 130 446	22 998 194	26 463 330	28 915 044	30 975 198	

* Revised

1/ Preliminary

TABLE 4 - VALUE OF SALES - MANUFACTURING : DIVISIONS AND MAJOR GROUPS

R1 000

Manufacturing Divisions and major groups	Year	Actual values			Seasonally adjusted values		
		October	September	October	October	September	October
		1998		1997	1998		1997
		1997					
TOTAL	360 764 488*	34 115 680	32 111 983	35 102 246	30 335 519	31 148 877	31 263 973
Food and food products	54 843 178	5 345 279	4 743 257	5 306 421	4 757 753	4 860 872	4 740 516
Meat, fish, fruit etc.	15 094 682	1 576 520	1 352 725	1 352 070	1 469 326	1 396 212	1 262 798
Dairy products	6 499 443	581 701	541 431	626 274	526 905	538 519	568 640
Grain mill products	16 140 703	1 455 253	1 240 187	1 583 762	1 305 583	1 311 464	1 424 308
Other food products	17 108 350	1 731 805	1 608 914	1 744 315	1 469 570	1 598 741	1 481 388
Beverages	18 318 615	1 737 200	1 597 110	1 715 629	1 616 891	1 606 854	1 597 230
Total textiles	10 138 416	905 104	808 661	996 187	792 480	771 105	876 566
Textiles	7 020 037	616 976	550 147	686 860	542 473	522 064	607 234
Other textile products	3 118 379	288 128	258 514	309 327	250 495	249 228	269 544
Total Wearing apparel	9 875 497	1 006 161	909 161	1 102 377	785 536	805 582	864 579
Knitted, crocheted articles	1 531 731	133 967	121 778	142 298	125 915	120 267	134 534
Wearing apparel	8 343 766	872 194	787 383	960 079	662 022	679 438	732 550
Tanning and dressing of leather	1 826 328	216 976	176 950	183 564	186 623	177 314	158 695
Footwear	2 579 392	250 400	249 583	287 642	187 425	201 393	215 621
Wood and products of wood	6 075 424	574 672	543 827	593 376	497 918	503 419	515 217
Sawmilling and planing of wood	1 760 126	156 318	163 060	170 117	139 008	145 230	150 094
Products of wood	4 315 298	418 354	380 767	423 259	357 368	356 741	363 768
Paper and paper products	17 420 490	1 565 675	1 854 190	1 627 000	1 402 636	1 699 338	1 457 190
Total publishing and printing	10 264 567	999 727	944 020	1 001 286	892 177	913 680	894 158
Publishing	3 977 552	382 164	372 332	349 114	367 563	364 035	333 541
Printing, recorded media	6 287 015	617 563	571 688	652 172	538 829	549 104	570 226
Coke and refined petroleum products	20 392 769	1 559 699	1 843 179	1 719 244	1 556 800	1 777 120	1 716 183
Basic chemicals	15 555 443*	1 567 314	1 427 808	1 554 808	1 344 244	1 399 489	1 337 869
Other chemical products	22 931 096	2 380 347	2 168 014	2 254 102	2 062 534	2 066 156	1 958 172
Rubber products	4 212 301	328 688	431 128	379 094	304 613	411 341	349 015
Plastic products	9 128 017*	910 060	808 473	916 124	766 410	764 792	774 093
Glass and glass products	2 323 575	215 202	207 329	230 459	180 835	192 149	192 457
Other non-metallic mineral products	9 166 348	824 228	802 738	854 799	727 590	730 682	754 747
Basic iron and steel products	24 710 217	2 296 296	2 106 838	2 224 951	2 146 973	2 102 844	2 086 315
Basic precious and non-ferrous metal products	11 995 331	1 103 309	1 041 447	1 016 409	1 066 650	1 006 319	977 592
Fabricated metal products	22 327 518	2 025 001	1 982 321	2 640 291	1 799 840	1 917 650	2 359 073
Structural metal products	8 585 218	796 535	786 155	1 266 739	677 810	820 592	1 089 312
Other fabricated metal product	13 742 300	1 228 466	1 196 166	1 373 552	1 092 775	1 147 099	1 224 848
Total machinery and equipment	18 876 679	1 655 035	1 743 052	1 951 199	1 425 619	1 553 070	1 680 682
General purpose machinery	8 172 334	682 162	772 122	824 748	594 649	736 199	719 003
Special purpose machinery	8 777 703	756 772	797 869	917 396	643 958	721 356	782 582
Household appliances	1 926 642	216 101	173 061	209 055	167 009	161 364	163 131
Electrical machinery, apparatus	11 081 737*	1 071 265	1 012 717	1 058 332	971 046	972 268	960 395
Radio, television and communication apparatus	3 309 229	394 073	414 708	313 423	378 253	389 251	300 693
Professional equipment	1 159 640	83 005	82 419	96 777	78 341	80 052	91 085
Motor vehicles; trailers; parts and accessories	33 839 018	3 258 846	2 576 473	3 232 410	2 717 657	2 528 225	2 699 720
Motor vehicles	24 362 934	2 290 784	1 746 021	2 297 565	1 898 224	1 722 689	1 906 126
Bodies for motor vehicles; trailers and semi-trailers	1 735 100	159 720	130 626	167 095	131 649	126 971	139 085
Parts and accessories	7 740 984	808 342	699 826	767 750	689 429	678 490	656 250
Other transport equipment	2 264 223	167 877	175 095	214 619	138 790	158 832	179 939
Furniture	5 609 037	613 624	524 072	619 052	470 869	480 027	477 444
Other manufacturing industries	10 540 403	1 060 617	937 413	1 012 671	932 901	961 271	892 928

* Revised

1/ Preliminary

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	October	September*	October	October	September	October
	1998		1997	1998		1997
Spinning, weaving and finishing of textiles	208 464	224 991	281 666	204 173	215 610	276 351
Tents, tarpaulins, sails and other canvas goods and automotive textile goods	13 042	14 119	11 281	13 666	14 773	11 854
Other textile articles	102 457	88 037	90 666	95 345	81 553	84 609
Knitted and crocheted fabrics and articles	125 600	133 763	166 520	116 271	120 568	153 927
Wearing apparel	1 069 129	956 586	1 047 895	997 206	928 520	978 091
Sawmilling and preserving of timber	15 802	15 578	23 285	15 010	15 167	22 286
Veneer sheets, plywood, laminboard, etc.	17 069	19 123	41 064	15 086	17 447	36 326
Builders' carpentry and joinery	36 669	31 759	39 160	31 107	30 480	33 413
Pulp, paper and paperboard	238 010	251 893	257 161	223 760	248 775	242 001
Corrugated paper and paperboard and containers	329 979	283 494	337 807	292 350	283 477	299 236
Paints, varnishes and coatings	36 308	36 231	20 428	28 115	32 011	15 847
Basic iron and steel products	3 205 962	3 111 265	3 405 786	3 185 955	3 113 877	3 372 895
Steel pipe and tube mills	151 831	147 451	231 472	152 675	149 593	233 929
Basic precious and non-ferrous metal products	1 336 154	1 275 074	1 306 090	1 329 954	1 213 751	1 303 555
Metal structures, parts	1 585 164	1 495 621	1 645 752	1 566 853	1 469 412	1 624 690
Cutlery, hand tools and general hardware	33 839	31 483	38 142	32 936	32 589	37 165
Metal containers, e.g. cans and tins	50 364	42 722	52 882	48 165	45 249	50 891
Cables, wire products, springs	77 718	74 776	87 884	74 742	73 565	84 393
Metal fasteners	23 347	32 369	56 465	24 442	35 902	59 266
All other metal products	1 076 242	1 137 553	970 117	1 068 902	1 054 852	958 324
Domestic appliances	29 231	35 933	27 747	34 430	36 416	32 244
Electric motors, generators and transformers	302 843	336 651	179 970	275 562	307 633	163 257
Insulated wire and cables	251 012	210 742	283 883	256 056	210 108	289 742
Accumulators, primary cells and primary batteries	14 741	13 184	15 797	14 360	12 672	15 527
Television, radio and communication apparatus	609 816	659 082	967 774	589 948	635 075	938 167
Motor vehicles	1 479 813	1 456 059	1 447 963	1 493 628	1 402 936	1 475 672
Parts and accessories for motor vehicles	235 578	246 384	279 036	248 126	247 740	292 270
Furniture	304 175	264 957	323 293	215 357	201 824	230 602

* Revised