

**Manufacturing: production and sales**  
**Statistical release**  
**P3041.2**

**July 1999**  
**Embargo: 13:00**  
**Date: 9 September 1999**

**CONTENTS**

**Key findings**

**Graphs**

Manufacturing: Physical volume of production  
Manufacturing: Value of sales

**Notes**

**Tables**

Summary - Total manufacturing

1. Indices of the physical volume of manufacturing production - Total
2. Indices of the physical volume of manufacturing production - Divisions and major groups
3. Value of sales - Manufacturing - Total
4. Value of sales - Manufacturing - Divisions and major groups
5. Value of unfilled orders - Selected subgroups

### **MANUFACTURING PRODUCTION CONTINUES TO DECREASE**

*The declining trend in manufacturing production, which started in the middle of 1997 has continued throughout 1999. Manufacturing production for the three months up to July 1999 reflected a decrease of 0,7% after seasonal adjustment compared with the previous three months. Lower manufacturing production was reported in 13 of the 27 manufacturing major divisions.*

The major contributors to the decrease of 0,7% after seasonal adjustment in the total manufacturing production were the basic iron and steel (-0,5 of a percentage point), followed by the petroleum (-0,3 of a percentage point), the metal (-0,3 of a percentage point) and the electrical machinery (-0,3 of a percentage point) divisions. However, a noticeable increase in production was reported by the machinery (0,4 of a percentage point) and textile (0,2 of a percentage point) divisions.

The total value of sales of manufactured products for the three months up to July 1999 reflected an increase of 3,7% (R3 487 million) after seasonal adjustment compared with the preceding three months. The largest increases were reported by the petroleum (+22,8% or R 1 094 million), the machinery (+20,9% or R 931 million), the motor vehicle (+7,3% or R672 million) and food (+3,4% or R477 million) divisions.

**TABLE A - CONTRIBUTION OF THE PRODUCTION BY THE DIFFERENT MANUFACTURING DIVISIONS TO THE TOTAL MANUFACTURING PRODUCTION (BASE 1995=100)**

Manufacturing Divisions	Percentage contribution to the total manufacturing production in the base year 1995 (Weights)	Average seasonally adjusted production index for the three months May 1999 - Jul. 1999	Quarterly percentage change (May 1999 - Jul.1999 compared with the preceding three months)	Contribution (percentage points) to the seasonally adjusted quarterly percentage change in total manufacturing production 1/
Food and food products	13,6	108,1	+1,1	+0,15
Beverages	5,2	101,8	-2,1	-0,11
Total textiles	3,3	89,4	+6,4	+0,21
Total Wearing apparel	3,7	87,9	+2,6	+0,10
Tanning and dressing of leather	0,4	117,1	+2,8	+0,01
Footwear	1,1	69,7	+3,1	+0,03
Wood and products of wood	1,8	104,6	-1,8	-0,03
Paper and paper products	4,9	99,1	+0,2	+0,01
Total publishing and printing	3,9	95,7	+1,3	+0,05
Coke and refined petroleum products	6,1	110,1	-5,2	-0,32
Basic chemicals	4,4	117,6	-0,2	-0,01
Other chemical products	7,1	102,1	-2,7	-0,19
Rubber products	1,5	90,6	+0,1	-0,00
Plastic products	2,9	83,8	-0,5	-0,02
Glass and glass products	1,0	86,2	-0,5	-0,01
Other non-metallic mineral products	3,3	82,3	+2,1	+0,07
Basic iron and steel products	5,8	87,4	-7,9	-0,46
Basic precious and non-ferrous metal products	1,9	152,9	+6,3	+0,12
Fabricated metal products	6,6	96,5	-4,7	-0,31
Total machinery and equipment	6,1	98,3	+6,2	+0,38
Electrical machinery, apparatus	3,2	88,3	-8,7	-0,28
Radio, television and communication apparatus	1,2	135,2	+6,0	+0,07
Professional equipment	0,5	71,9	-3,7	-0,02
Motor vehicles; trailers; parts and accessories	6,5	89,1	+1,3	+0,08
Other transport equipment	1,0	108,7	-8,7	-0,08
Furniture	1,8	102,6	+4,5	+0,08
Other manufacturing industries	1,5	109,0	+6,4	+0,09
TOTAL	100,0	99,4	-0,7	-0,70

1/ The contribution is calculated by multiplying the quarterly percentage change of each manufacturing division with its corresponding weight in the base year.

**SUMMARY - TOTAL MANUFACTURING**

Period	Production indices	Sales	Percentage change of:	
	1995 = 100	R mill.	Production indices	Sales
<b>Actual</b>				
May 1999 - Jul. 1999	100,8	97 378,4	-2,1	+5,8
May 1998 - Jul. 1998	103,0	92 035,2		
<b>Seasonally adjusted</b>				
May 1999 - Jul. 1999	99,4	96 777,1	-0,7	+3,7
Feb. 1999 - Apr. 1999	100,1	93 290,1		

**NOTES**

- 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.

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

BASE 1995 = 100

Month	1993	1994	1995	1996	1997	1998	1999
ACTUAL INDICES							
J	75,6	75,4	79,5	84,0	90,0	89,7	86,5
F	90,6	89,6	97,0	96,6	101,2	101,2	98,2
M	98,1	99,2	103,5	101,9	102,0	102,6	101,2
A	84,1	86,5	90,6	95,3	104,7	97,1	95,1
M	87,6	86,4	101,3	102,7	105,3	101,2	100,5
J	93,0	93,7	102,1	101,4	104,1	103,4	99,7
J	92,2	95,9	102,8	103,4	107,4	104,4	102,1 1/
A	94,3	96,2	104,9	105,5	106,6	99,7	
S	96,2	103,6	107,5	104,2	107,8	106,2	
O	100,5	106,1	112,1	114,4	118,6	111,8	
N	103,0	109,6	111,9	113,8	112,4	109,9	
D	83,3	86,0	86,8	84,8	88,3	87,0	
YEAR	91,5	94,0	100,0	100,7	104,0	101,2	
SEASONALLY ADJUSTED INDICES							
J	90,9	90,5	95,0	99,5	105,7	104,5	100,3
F	91,9	91,2	99,1	98,9	103,7	103,6	100,4
M	93,4	94,8	99,7	99,1	100,0	101,1	99,9
A	89,6	92,3	96,4	101,2	110,6	102,3	100,0
M	89,0	87,2	101,5	102,4	104,6	100,4	99,8
J	92,2	93,0	101,4	100,7	103,3	102,7	99,1
J	91,0	94,3	100,7	101,1	104,6	101,5	99,3
A	91,3	93,3	101,9	102,4	103,6	96,9	
S	91,5	98,5	102,4	99,3	103,1	101,8	
O	91,0	95,6	100,6	102,3	105,9	99,7	
N	92,0	98,2	100,6	102,9	102,1	100,1	
D	94,6	98,0	99,5	97,8	102,2	100,9	

\* 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 1998	Actual indices			Seasonally adjusted indices					
			July 1/	June	July	July 1/	June	July			
			1999			1998			1999		
			1998			1998			1998		
Food and food products	13,6	108,3	110,2	109,4	110,2	109,3	109,1	109,1			
Meat, fish, fruit etc.	3,9	130,1	128,4	130,5	116,7	139,2	142,8	125,4			
Dairy products	1,6	92,5	91,6	83,7	83,3	98,8	94,7	90,2			
Grain mill products	2,8	95,9	95,9	93,2	93,3	93,9	93,9	91,2			
Other food products	5,3	103,9	110,2	110,5	122,7	97,6	98,2	109,3			
Beverages	5,2	103,3	85,9	90,1	89,2	100,7	103,8	103,9			
Total textiles	3,3	91,2	102,2	91,1	97,7	93,5	87,5	89,6			
Textiles	2,0	88,3	99,9	85,0	97,5	87,5	81,5	85,8			
Other textile products	1,3	95,7	105,7	100,5	98,0	102,3	97,4	94,6			
Total Wearing apparel	3,7	87,3	87,2	78,3	91,4	86,0	88,2	90,2			
Knitted, crocheted articles	0,7	81,4	80,8	82,2	88,0	76,3	75,6	83,6			
Wearing apparel	3,0	88,6	88,6	77,5	92,1	87,2	90,0	90,6			
Tanning and dressing of leather	0,4	107,7	109,4	119,6	112,2	112,1	119,3	114,5			
Footwear	1,1	73,9	69,6	67,1	72,7	67,1	71,3	70,1			
Wood and products of wood	1,8	104,5	107,1	105,5	109,6	100,9	104,0	103,0			
Sawmilling and planing of wood	0,6	99,6	96,9	93,6	96,7	88,7	92,1	88,6			
Products of wood	1,1	107,1	112,6	112,0	116,6	105,6	113,9	109,2			
Paper and paper products	4,9	93,6	96,6	99,4	89,4	97,3	95,1	89,4			
Total publishing and printing	3,9	94,5	99,5	91,7	99,5	97,0	94,6	97,6			
Publishing	1,6	100,1	107,3	101,5	101,5	106,9	99,2	101,7			
Printing, recorded media	2,3	90,7	94,2	85,0	98,2	90,8	90,1	95,1			
Coke and refined petroleum products	6,1	105,9	111,1	111,7	111,9	110,8	109,8	111,5			
Basic chemicals	4,4	114,2	120,3	113,7	105,1	123,6	115,6	107,7			
Other chemical products	7,1	103,9	108,8	98,8	111,2	102,9	99,3	105,7			
Rubber products	1,5	95,2	98,9	92,0	90,6	96,5	80,4	87,9			
Plastic products	2,9	89,6	85,5	86,6	94,4	81,8	85,8	90,1			
Glass and glass products	1,0	90,2	81,2	85,6	85,4	88,1	75,6	92,4			
Other non-metallic mineral products	3,3	93,5	88,4	89,6	97,7	81,6	83,0	90,3			
Basic iron and steel products	5,8	96,9	94,0	91,4	103,8	87,5	85,3	96,6			
Basic precious and non-ferrous metal products	1,9	144,2	165,3	153,6	158,8	155,5	157,4	149,8			
Fabricated metal products	6,6	105,4	97,6	93,5	107,7	95,5	94,4	105,7			
Structural metal products	1,9	116,9	92,1	88,7	110,3	97,6	82,1	117,2			
Other fabricated metal product	4,7	100,7	99,9	95,4	106,6	95,7	98,8	102,5			
Total machinery and equipment	6,1	103,6	101,8	99,6	109,0	96,6	101,6	103,5			
General purpose machinery	2,5	110,2	103,4	111,0	105,3	101,9	102,4	102,9			
Special purpose machinery	3,1	97,7	96,2	88,2	111,3	92,2	92,8	106,3			
Household appliances	0,5	107,6	127,7	112,7	113,3	115,0	116,0	103,3			
Electrical machinery, apparatus	3,2	97,3	92,0	91,0	107,7	86,6	87,4	101,4			
Radio, television and communication apparatus	1,2	126,1	133,1	163,8	147,5	130,3	139,6	145,6			
Professional equipment	0,5	76,6	75,9	78,3	79,4	69,9	73,7	72,9			
Motor vehicles; trailers; parts and accessories	6,5	86,1	99,1	91,5	94,6	90,6	87,9	87,1			
Motor vehicles	3,5	75,3	89,2	82,8	79,6	80,0	77,5	71,6			
Bodies for motor vehicles; trailers and semi-trailers	0,5	69,2	61,2	55,6	80,0	57,7	53,1	76,6			
Parts and accessories	2,5	105,1	121,1	111,5	119,0	111,3	109,6	110,3			
Other transport equipment	1,0	118,1	117,7	106,5	131,2	106,3	109,0	118,5			
Furniture	1,8	103,5	94,1	108,7	104,3	92,0	112,3	102,0			
Other manufacturing industries	1,5	107,3	113,3	117,6	118,4	104,4	113,9	108,9			
TOTAL	100,0	101,2	102,1	99,7	104,4	99,3	99,1	101,5			

\* Revised

1/ Preliminary

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL

HISTORICAL TABLE  
R1 000

Month	1993	1994	1995*	1996*	1997*	1998*	1999*
ACTUAL VALUES							
J	15 299 940	16 201 243	18 979 934	21 453 561	24 910 781	25 655 674	26 149 583
F	18 649 462	19 696 094	24 084 982	25 763 609	29 216 490	29 358 002	30 081 249
M	20 481 694	21 893 931	26 327 953	27 694 763	29 296 254	31 574 813	32 117 241
A	17 605 375	19 014 509	22 583 624	25 754 690	29 829 184	29 260 791	29 877 482
M	18 354 043	19 563 266	25 370 191	27 748 466	29 989 611	29 798 930	32 215 500
J	19 597 820	21 880 147	25 792 584	27 708 038	29 985 513	31 123 002	32 583 142
J	19 576 619	22 057 569	25 205 397	27 812 825	30 605 117	31 113 317	32 579 765 1/
A	20 370 343	21 743 035	26 612 912	28 996 953	30 801 656	30 276 455	
S	20 772 568	23 682 251	27 250 959	29 006 115	30 772 580	32 349 463	
O	21 543 028	24 929 760	28 799 949	32 398 682	35 162 322	34 281 517	
N	22 076 528	25 922 521	29 295 095	32 379 453	33 069 267	33 529 968	
D	17 836 672	20 460 793	23 617 342	25 886 129	27 761 702	28 408 790	
YEAR	232 164 092	257 045 119	303 920 922	332 603 284	361 400 477	366 730 722	
SEASONALLY ADJUSTED VALUES							
J	18 700 277	19 855 531	23 229 614	26 090 525	30 039 611	30 701 389	31 143 579
F	18 899 094	19 980 035	24 520 411	26 313 398	29 944 363	30 151 037	30 940 445
M	19 207 347	20 559 313	24 839 834	26 318 390	28 051 657	30 392 210	30 983 709
A	18 816 126	20 305 108	24 023 767	27 277 801	31 412 818	30 736 808	31 365 956
M	18 607 222	19 736 572	25 494 202	27 795 668	29 960 491	29 759 547	32 228 591
J	19 376 649	21 642 746	25 507 793	27 421 433	29 677 827	30 827 175	32 297 611
J	19 452 726	21 928 055	25 056 495	27 672 117	30 392 148	30 855 718	32 250 900
A	19 735 306	21 120 815	25 922 592	28 261 609	30 082 629	29 550 914	
S	19 736 041	22 566 946	26 101 172	27 885 878	29 713 839	31 328 306	
O	19 516 030	22 506 790	25 912 467	29 083 706	31 510 669	30 682 487	
N	19 777 638	23 240 047	26 315 441	29 205 618	29 971 239	30 470 456	
D	20 136 809	23 002 183	26 433 277	28 792 578	30 757 321	31 399 140	

\* 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		
		July	June	July	July	June	July
		1999		1998	1999		1998
		1998					
Food and food products	57 164 682	4 796 660	4 792 565	4 832 431	4 776 628	4 923 595	4 823 817
Meat, fish, fruit etc.	16 579 132	1 396 041	1 372 290	1 327 893	1 451 287	1 435 238	1 377 088
Dairy products	6 719 841	549 431	528 513	514 289	591 305	579 462	555 206
Grain mill products	15 891 332	1 397 342	1 357 300	1 391 530	1 334 300	1 351 942	1 328 104
Other food products	17 974 377	1 453 846	1 534 462	1 598 719	1 413 960	1 523 652	1 568 622
Beverages	19 346 977	1 572 708	1 430 413	1 430 197	1 755 554	1 669 665	1 595 917
Total textiles	9 576 228	883 732	827 100	852 628	824 687	789 502	797 531
Textiles	6 510 519	595 590	540 541	561 833	551 004	513 965	521 214
Other textile products	3 065 709	288 142	286 559	290 795	278 408	272 518	280 923
Total Wearing apparel	9 620 319	814 103	711 903	832 410	850 687	827 862	871 083
Knitted, crocheted articles	1 459 165	129 368	135 773	126 068	125 990	125 909	123 334
Wearing apparel	8 161 154	684 735	576 130	706 342	725 034	703 852	748 676
Tanning and dressing of leather	1 875 205	186 291	183 230	149 267	194 551	189 070	155 033
Footwear	2 362 358	201 170	187 119	184 918	196 807	206 709	181 222
Wood and products of wood	5 966 007	534 641	535 486	514 173	507 427	516 913	488 385
Sawmilling and planing of wood	1 745 630	147 258	144 595	143 561	138 632	142 431	135 059
Products of wood	4 220 377	387 383	390 891	370 612	366 499	384 061	351 460
Paper and paper products	18 258 304	1 670 095	1 737 469	1 502 157	1 678 012	1 671 435	1 500 538
Total publishing and printing	10 534 437	975 999	884 007	912 426	963 258	916 549	904 701
Publishing	4 204 834	391 592	375 239	361 573	388 898	367 555	361 076
Printing, recorded media	6 329 603	584 407	508 768	550 853	570 118	540 367	540 135
Coke and refined petroleum products	19 989 220	1 897 721	2 038 170	1 553 603	1 902 361	1 988 530	1 556 269
Basic chemicals	16 064 857	1 472 685	1 454 439	1 244 066	1 513 357	1 388 719	1 279 406
Other chemical products	23 851 039	2 145 954	1 998 985	2 162 709	2 127 913	2 035 794	2 151 007
Rubber products	4 289 105	358 383	376 069	337 649	357 947	341 792	336 042
Plastic products	9 127 329	775 627	763 916	802 674	752 697	777 341	779 612
Glass and glass products	2 292 855	177 929	168 520	190 538	177 372	173 369	189 251
Other non-metallic mineral products	9 116 182	754 307	776 135	812 717	699 967	729 767	755 572
Basic iron and steel products	25 412 766	2 073 529	2 249 008	2 036 349	2 144 278	2 020 029	2 106 853
Basic precious and non-ferrous metal products	12 143 889	1 187 211	1 157 216	1 110 851	1 152 579	1 126 097	1 082 406
Fabricated metal products	21 728 002	1 694 904	1 749 377	1 836 014	1 680 316	1 683 879	1 825 163
Structural metal products	8 563 859	564 557	653 185	669 531	607 030	574 325	720 323
Other fabricated metal product	13 164 143	1 130 347	1 096 192	1 166 483	1 083 319	1 103 356	1 123 467
Total machinery and equipment	19 077 949	1 608 528	1 835 515	1 575 212	1 628 190	1 857 799	1 598 030
General purpose machinery	8 389 330	745 663	943 734	651 341	758 745	900 623	664 318
Special purpose machinery	8 791 612	665 751	723 241	754 029	673 650	762 828	763 850
Household appliances	1 897 007	197 114	168 540	169 842	176 734	170 864	154 172
Electrical machinery, apparatus	11 588 371*	983 974	930 856	1 072 374	911 927	905 035	994 812
Radio, television and communication apparatus	4 364 411	429 617	477 466	450 827	426 125	430 437	451 375
Professional equipment	978 414	86 090	97 221	80 686	84 234	89 202	78 879
Motor vehicles; trailers; parts and accessories	33 625 679	3 607 464	3 479 003	3 037 182	3 328 804	3 316 433	2 820 715
Motor vehicles	23 538 164	2 646 907	2 593 111	2 118 265	2 406 464	2 421 475	1 938 099
Bodies for motor vehicles; trailers and semi-trailers	1 589 850	111 182	106 851	150 795	112 147	105 546	153 666
Parts and accessories	8 497 665	849 375	779 041	768 122	804 359	784 115	732 457
Other transport equipment	1 948 497	142 884	240 955	142 503	159 087	224 712	158 011
Furniture	5 652 945	552 738	511 292	474 167	532 872	538 455	459 104
Other manufacturing industries	10 774 695	994 821	989 707	982 589	937 978	994 675	931 915
TOTAL	366 730 722*	32 579 765	32 583 142	31 113 317	32 250 900	32 297 611	30 855 718

\* Revised  
1/ Preliminary



TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	July 1/	June	July	July 1/	June	July
	1999		1998	1999		1998
Spinning, weaving and finishing of textiles	195 449	199 691	205 749	191 592	198 298	201 436
Tents, tarpaulins, sails and other canvas goods and automotive textile goods	16 952	19 439	12 652	19 223	21 006	14 402
Other textile articles	94 191	85 145	89 312	89 692	76 519	85 148
Knitted and crotcheted fabrics and articles	112 536	115 034	115 760	119 178	121 801	122 532
Wearing apparel	879 386	888 238	942 991	897 218	880 926	962 590
Sawmilling and preserving of timber	14 877	13 741	16 743	14 218	14 031	16 039
Veneer sheets, plywood, laminboard, etc.	21 546	21 596	21 709	23 451	23 979	23 323
Builders' carpentry and joinery	49 508	39 155	39 210	46 604	37 844	37 187
Pulp, paper and paperboard	233 343	306 855	285 608	211 884	338 096	259 125
Corrugated paper and paper-board and containers	334 280	351 330	286 119	348 755	356 815	298 345
Paints, varnishes and coatings	16 664	8 511	19 220	21 348	11 322	24 352
Basic iron and steel products	2 812 242	2 738 244	2 903 466	2 807 065	2 753 429	2 897 578
Steel pipe and tube mills	122 354	121 464	133 605	124 865	127 495	136 253
Basic precious and non-ferrous metal products	1 063 411	1 154 915	961 583	1 087 537	1 107 557	976 073
Metal structures, parts	1 399 096	1 360 350	1 625 514	1 411 950	1 381 280	1 639 863
Cutlery, hand tools and general hardware	32 084	31 656	34 576	31 031	29 813	33 478
Metal containers, e.g. cans and tins	42 327	44 666	44 531	44 675	44 434	46 954
Cables, wire products, springs	82 197	74 410	82 556	79 734	73 002	80 320
Metal fasteners	17 399	16 033	41 320	16 577	15 366	39 328
All other metal products	969 484	1 018 772	1 136 414	850 621	962 679	1 005 069
Domestic appliances	46 708	43 202	35 230	44 828	41 975	33 654
Electric motors, generators and transformers	354 325	366 889	320 817	321 741	335 681	292 287
Insulated wire and cables	172 954	204 141	205 138	172 605	199 445	202 982
Accumulators, primary cells and primary batteries	13 569	16 112	13 757	13 383	15 420	13 443
Television, radio and						

communication apparatus	670 851	711 830	556 269	673 533	683 588	556 119
Motor vehicles	1 770 252	1 782 755	1 515 414	1 765 430	1 782 004	1 493 617
Parts and accessories for						
motor vehicles	287 984	271 665	261 804	265 948	252 999	243 031
Furniture	203 484	214 339	177 890	220 133	226 053	191 907

\* Revised