

Manufacturing: production and sales

Statistical release

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SLIGHT INCREASE IN MANUFACTURING PRODUCTION

Manufacturing production for the third quarter of 1999 reflected a slight increase of 0,3% after seasonal adjustment compared with the second quarter of 1999. Higher manufacturing production was reported in 13 of the 27 manufacturing major divisions.

The major contributors to the increase of 0,3% after seasonal adjustment in the total manufacturing production were the motor vehicle division (+0,5 of a percentage point), followed by the textiles (+0,3 of a percentage point), the food and food products (+0,2 of a percentage point) and the basic iron and steel products (+0,2 of a percentage point) divisions. However, these increases were, inter alia, partially counteracted by decreases in production reported by the machinery and equipment (-0,4 of a percentage point), the paper and paper products (-0,2 of a percentage point) and the fabricated metal products (-0,2 of a percentage point) divisions.

The total value of sales of manufactured products reflected an increase of R2 654 million (2,8%) after seasonal adjustment for the third quarter of 1999 compared with the second quarter of 1999. The largest increases were reported by the motor vehicle (+R1 291 million or 13,5%) the coke and refined petroleum products (+R407 million or 7,3%), the basic chemicals (+R397 million or 9,6%) and the basic iron and steel (+R285 million or 4,7%) divisions during this period.

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.

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1995 = 100	R mill.	Production indices	Sales
Actual				
Jul. 1999 - Sept. 1999	103,4	100 745,8	-0,0	+7,6
Jul. 1998 - Sept. 1998	103,4	93 658,4		
Seasonally adjusted				
Jul. 1999 - Sept. 1999	100,2	98 758,0	+0,3	+2,8
Apr. 1999 - Jun. 1999	99,9	96 103,8		

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 Jul. 1999 - Sept.1999	Quarterly percentage change (Jul. 1999 - Sept1999 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	109,4	+1,5	+0,20
Beverages	5,2	99,3	-2,0	-0,10
Total textiles	3,3	93,4	+8,4	+0,28
Total Wearing apparel	3,7	86,0	-2,4	-0,09
Tanning and dressing of leather	0,4	121,2	-0,2	-0,00
Footwear	1,1	69,3	+0,7	+0,01
Wood and products of wood	1,8	108,5	-3,7	-0,07
Paper and paper products	4,9	95,4	-3,4	-0,17
Total publishing and printing	3,9	94,7	+0,1	-0,00
Coke and refined petroleum products	6,1	115,4	+3,8	+0,23
Basic chemicals	4,4	120,5	+4,4	+0,19
Other chemical products	7,1	101,1	-2,2	-0,16
Rubber products	1,5	96,9	+8,5	+0,13
Plastic products	2,9	81,8	-2,3	-0,07
Glass and glass products	1,0	87,1	-0,7	-0,01
Other non-metallic mineral products	3,3	83,6	+1,1	+0,04
Basic iron and steel products	5,8	92,9	+3,5	+0,20
Basic precious and non-ferrous metal products	1,9	153,5	+5,1	+0,10
Fabricated metal products	6,6	98,0	-2,3	-0,15
Total machinery and equipment	6,1	90,3	-6,2	-0,38
Electrical machinery, apparatus	3,2	86,6	-3,8	-0,12
Radio, television and communication apparatus	1,2	141,4	+3,4	+0,04
Professional equipment	0,5	76,7	+6,4	+0,04
Motor vehicles; trailers; parts and accessories	6,5	94,5	+7,4	+0,48
Other transport equipment	1,0	106,5	-1,0	-0,01
Furniture	1,8	99,8	-4,7	-0,08
Other manufacturing industries	1,5	112,7	+5,5	+0,08
TOTAL	100,0	100,2	+0,3	+0,30

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

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	98,1
M	98,1	99,2	103,5	101,9	102,0	102,6	101,1
A	84,1	86,5	90,6	95,3	104,7	97,1	95,3
M	87,6	86,4	101,3	102,7	105,3	101,2	100,8
J	93,0	93,7	102,1	101,4	104,1	103,4	100,1
J	92,2	95,9	102,8	103,4	107,4	104,4	103,1
A	94,3	96,2	104,9	105,5	106,6	99,7	101,8
S	96,2	103,6	107,5	104,2	107,8	106,2	105,2 1/
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	99,6	105,6	104,5	100,3
F	91,9	91,1	99,1	98,9	103,7	103,6	100,3
M	93,5	95,0	99,8	99,1	100,1	101,2	99,9
A	89,6	92,2	96,4	101,1	110,5	102,2	100,2
M	88,9	87,1	101,5	102,4	104,5	100,4	100,1
J	92,2	93,0	101,4	100,6	103,3	102,6	99,4
J	91,0	94,3	100,7	101,0	104,5	101,4	100,1
A	91,3	93,3	102,0	102,8	104,0	97,5	99,7
S	91,5	98,5	102,4	99,4	103,0	101,5	100,7
O	91,0	95,6	100,6	102,2	105,8	99,6	
N	92,0	98,2	100,6	102,8	102,1	100,1	
D	94,6	98,1	99,5	97,8	102,2	100,8	

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

BASE 1995 = 100

Manufacturing Divisions and major groups	Weights	Year	Actual indices			Seasonally adjusted indices			
			1998	1/	August	September	1/	August	September
				September	1999		1999		September
				1999	1998	1999	1998		
Food and food products	13,6	108,3	113,3	111,8	112,7	110,4	107,7	110,1	
Meat, fish, fruit etc.	3,9	130,1	131,0	137,4	125,1	137,6	136,0	130,7	
Dairy products	1,6	92,5	96,8	95,9	91,9	97,0	97,4	91,7	
Grain mill products	2,8	95,9	90,9	96,2	85,7	98,1	97,5	92,4	
Other food products	5,3	103,9	117,5	106,2	124,5	101,9	96,3	108,2	
Beverages	5,2	103,3	99,7	90,7	99,4	101,7	95,4	100,7	
Total textiles	3,3	91,2	98,6	97,1	92,1	93,8	92,1	87,5	
Textiles	2,0	88,3	94,8	89,7	87,8	89,1	84,5	82,4	
Other textile products	1,3	95,7	104,4	108,4	98,7	99,9	103,0	94,3	
Total Wearing apparel	3,7	87,3	95,0	92,1	100,9	83,7	86,8	88,9	
Knitted, crocheted articles	0,7	81,4	89,4	87,2	81,4	88,4	85,4	80,5	
Wearing apparel	3,0	88,6	96,2	93,2	105,1	81,9	86,7	89,7	
Tanning and dressing of leather	0,4	107,7	110,1	135,4	104,8	119,0	129,4	111,6	
Footwear	1,1	73,9	77,6	84,8	88,6	64,8	78,5	74,0	
Wood and products of wood	1,8	104,5	117,2	109,4	110,9	109,3	107,1	103,5	
Sawmilling and planing of wood	0,6	99,6	113,7	110,6	105,6	101,4	103,2	94,2	
Products of wood	1,1	107,1	119,1	108,8	113,8	113,5	108,5	108,6	
Paper and paper products	4,9	93,6	100,3	97,6	112,4	96,3	93,1	107,7	
Total publishing and printing	3,9	94,5	97,7	97,2	98,1	94,6	95,0	95,0	
Publishing	1,6	100,1	107,4	103,1	103,0	104,9	102,2	100,4	
Printing, recorded media	2,3	90,7	91,1	93,2	94,7	87,6	90,7	91,2	
Coke and refined petroleum products	6,1	105,9	107,4	115,9	90,7	115,6	118,4	97,4	
Basic chemicals	4,4	114,2	120,2	115,2	116,4	121,9	116,4	117,8	
Other chemical products	7,1	103,9	109,8	98,3	118,5	100,2	99,6	108,1	
Rubber products	1,5	95,2	100,0	107,3	107,6	92,0	102,1	99,1	
Plastic products	2,9	89,6	88,8	81,1	93,8	83,5	80,4	88,2	
Glass and glass products	1,0	90,2	88,5	92,1	86,8	87,3	89,7	85,4	
Other non-metallic mineral products	3,3	93,5	89,6	88,0	93,5	84,9	83,7	88,2	
Basic iron and steel products	5,8	96,9	94,6	97,8	99,8	93,1	96,2	97,8	
Basic precious and non-ferrous metal products	1,9	144,2	156,8	156,1	156,1	149,5	153,7	149,5	
Fabricated metal products	6,6	105,4	105,2	97,3	112,7	98,1	97,5	105,6	
Structural metal products	1,9	116,9	97,5	91,8	127,0	96,5	97,2	125,3	
Other fabricated metal products	4,7	100,7	108,4	99,5	106,8	99,6	98,3	98,5	
Total machinery and equipment	6,1	103,6	103,0	90,9	113,6	91,5	84,2	100,9	
General purpose machinery	2,5	110,2	118,4	104,7	126,0	104,2	97,7	111,9	
Special purpose machinery	3,1	97,7	86,9	76,7	102,0	77,3	73,5	90,3	
Household appliances	0,5	107,6	124,1	108,4	123,0	111,4	101,8	110,4	
Electrical machinery, apparatus	3,2	97,3	89,5	92,5	103,9	85,4	87,5	98,9	
Radio, television and communication apparatus	1,2	126,1	167,6	146,7	141,0	150,3	141,8	127,0	
Professional equipment	0,5	76,6	87,0	77,3	71,3	85,5	73,8	70,1	
Motor vehicles; trailers; parts and accessories	6,5	86,1	97,6	98,6	83,8	96,7	93,0	82,5	
Motor vehicles	3,5	75,3	87,5	89,8	69,8	86,5	86,6	68,6	
Bodies for motor vehicles; trailers and semi-trailers	0,5	69,2	66,3	49,8	58,5	62,3	46,8	55,0	
Parts and accessories	2,5	105,1	118,7	121,4	109,0	117,8	115,0	107,4	
Other transport equipment	1,0	118,1	107,1	107,2	115,3	110,8	105,0	119,1	
Furniture	1,8	103,5	125,5	103,3	124,5	103,1	101,6	103,0	
Other manufacturing industries	1,5	107,3	123,0	110,6	122,5	122,0	109,9	121,7	
TOTAL	100,0	101,2	105,2	101,8	106,2	100,7	99,7	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	18 983 087	21 452 770	24 895 305	25 581 903	26 180 542
F	18 649 462	19 696 094	24 077 054	25 763 557	29 200 646	29 266 641	30 097 931
M	20 481 694	21 893 931	26 320 139	27 693 575	29 281 826	31 490 839	32 157 127
A	17 605 375	19 014 509	22 575 355	25 754 797	29 810 253	29 186 474	29 898 295
M	18 354 043	19 563 266	25 371 265	27 749 173	29 970 300	29 727 809	32 169 266
J	19 597 820	21 880 147	25 785 850	27 708 616	29 965 696	31 047 679	32 926 704
J	19 576 619	22 057 569	25 217 443	27 814 349	30 521 279	31 109 844	32 770 492
A	20 370 343	21 743 035	26 615 738	28 998 809	30 755 895	30 273 163	33 161 955
S	20 772 568	23 682 251	27 253 796	28 998 722	30 667 487	32 275 422	34 813 327 1/
O	21 543 028	24 929 760	28 795 193	32 388 282	35 052 674	34 214 901	
N	22 076 528	25 922 521	29 295 144	32 368 773	32 958 311	33 525 689	
D	17 836 672	20 460 793	23 616 402	25 874 562	27 684 962	28 404 779	
YEAR	232 164 092	257 045 119	303 906 466	332 565 985	360 764 634	366 105 143	
SEASONALLY ADJUSTED VALUES							
J	18 702 581	19 859 008	23 238 759	26 095 466	30 020 198	30 617 665	31 180 831
F	18 899 999	19 980 675	24 514 155	26 316 015	29 932 956	30 070 587	30 972 341
M	19 208 002	20 558 908	24 830 479	26 309 666	28 033 936	30 307 682	31 013 811
A	18 816 823	20 304 904	24 012 236	27 268 033	31 388 536	30 653 137	31 374 326
M	18 605 371	19 733 098	25 488 946	27 789 306	29 950 302	29 706 279	32 197 131
J	19 374 573	21 639 716	25 488 851	27 385 232	29 602 645	30 671 898	32 532 300
J	19 450 270	21 927 892	25 057 574	27 648 192	30 275 559	30 816 769	32 389 761
A	19 734 706	21 120 039	25 967 930	28 417 129	30 267 293	29 872 250	32 810 951
S	19 736 846	22 569 558	26 098 846	27 865 055	29 512 849	31 095 690	33 557 259
O	19 517 381	22 508 905	25 903 472	29 052 293	31 382 571	30 585 777	
N	19 778 277	23 240 481	26 309 351	29 174 026	29 845 040	30 433 606	
D	20 137 474	23 002 248	26 429 643	28 767 642	30 664 054	31 381 922	

* 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		
		September/August		September	September/ August		September
		1998	1999	1998	1999	1998	
Food and food products	56 570 883	4 797 056	4 814 633	4 719 656	4 896 651	4 747 385	4 815 204
Meat, fish, fruit etc.	16 579 132	1 360 223	1 420 116	1 402 129	1 406 490	1 405 932	1 445 130
Dairy products	6 719 841	611 256	597 843	549 421	610 751	600 423	547 413
Grain mill products	15 891 332	1 359 559	1 414 536	1 238 692	1 447 141	1 411 291	1 314 614
Other food products	17 380 578	1 466 018	1 382 138	1 529 414	1 460 279	1 305 616	1 526 796
Beverages	19 315 497	1 730 756	1 557 120	1 605 457	1 747 708	1 637 914	1 615 437
Total textiles	9 576 228	871 225	829 002	818 799	828 864	806 509	776 554
Textiles	6 510 519	583 954	551 944	550 147	552 980	531 779	520 277
Other textile products	3 065 709	287 271	277 058	268 652	272 838	269 465	255 357
Total Wearing apparel	9 620 319	920 591	841 007	909 724	815 441	799 576	805 823
Knitted, crocheted articles	1 459 165	145 299	131 865	116 963	142 540	132 088	114 557
Wearing apparel	8 161 154	775 292	709 142	792 761	670 319	668 921	685 519
Tanning and dressing of leather	1 875 205	186 070	201 851	176 950	185 630	193 665	175 697
Footwear	2 362 358	236 135	226 402	249 583	191 832	204 421	203 396
Wood and products of wood	5 966 007	586 892	561 895	543 819	543 509	543 509	503 461
Sawmilling and planing of wood	1 745 630	171 168	165 951	163 060	152 201	158 236	145 429
Products of wood	4 220 377	415 724	395 944	380 759	390 533	384 337	357 102
Paper and paper products	18 258 304	1 855 832	1 640 298	1 863 555	1 626 836	1 615 958	1 642 627
Total publishing and printing	10 534 437	958 043	947 472	944 020	923 903	937 820	910 139
Publishing	4 204 834	398 283	384 261	372 332	385 298	378 638	359 721
Printing, recorded media	6 329 603	559 760	563 211	571 688	535 846	554 311	548 004
Coke and refined petroleum products	19 989 220	2 102 280	2 183 062	1 843 179	2 042 726	2 061 312	1 790 171
Basic chemicals	16 064 857	1 579 778	1 426 228	1 476 739	1 508 864	1 500 713	1 414 362
Other chemical products	23 851 039	2 302 645	2 086 048	2 180 076	2 167 489	2 085 820	2 052 440
Rubber products	4 289 105	398 887	403 991	431 128	375 052	380 251	406 835
Plastic products	9 127 329	827 930	754 942	794 323	784 114	743 334	751 194
Glass and glass products	2 292 855	209 605	192 150	204 928	189 131	186 392	186 543
Other non-metallic mineral products	9 116 182	822 262	788 335	820 555	743 689	744 250	742 577
Basic iron and steel products	25 412 766	2 153 732	2 169 929	2 102 509	2 154 579	2 069 597	2 095 963
Basic precious and non-ferrous metal products	12 143 889	1 136 986	1 219 847	1 096 098	1 108 812	1 177 818	1 066 408
Fabricated metal products	21 727 702	2 051 418	1 762 047	1 969 663	1 927 364	1 806 908	1 861 939
Structural metal products	8 563 859	799 567	624 930	786 155	776 500	686 800	769 988
Other fabricated metal product	13 163 843	1 251 851	1 137 117	1 183 508	1 163 715	1 117 431	1 106 925
Total machinery and equipment	19 077 949	1 874 631	1 665 998	1 743 052	1 686 465	1 635 986	1 566 354
General purpose machinery	8 389 330	1 112 010	1 021 484	772 122	1 040 628	962 396	722 222
Special purpose machinery	8 791 612	580 990	483 549	797 869	517 031	484 766	712 238
Household appliances	1 897 007	181 631	160 965	173 061	168 634	153 678	159 873
Electrical machinery, apparatus	11 588 371	961 333	957 869	1 048 186	918 631	917 303	1 000 999
Radio, television and communication apparatus	4 364 411	492 094	440 677	414 708	456 584	428 892	383 508
Professional equipment	978 414	98 454	90 514	82 419	95 297	90 425	79 896
Motor vehicles; trailers; parts and accessories	33 625 679	3 804 800	3 580 368	2 574 381	3 828 390	3 634 612	2 566 941
Motor vehicles	23 538 164	2 771 303	2 616 917	1 746 021	2 814 243	2 676 915	1 754 038
Bodies for motor vehicles; trailers and semi-trailers	1 589 850	139 493	128 876	130 626	133 304	127 763	124 918
Parts and accessories	8 497 665	894 004	834 575	697 734	885 043	832 375	686 886
Other transport equipment	1 948 497	175 757	299 945	182 541	177 583	208 941	181 953
Furniture	5 652 945	570 935	532 634	541 961	517 203	519 729	491 313
Other manufacturing industries	10 774 695	1 107 200	987 691	937 413	1 104 743	1 004 583	935 812
TOTAL	366 105 143	34 813 327	33 161 955	32 275 422	33 557 259	32 810 951	31 095 690

* Revised
1/ Preliminary

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	September1/	August	September	September1/	August	September
	1999		1998	1999		1998
Spinning, weaving and finishing of textiles	208 712	206 989*	213 811	199 297	196 488	204 064
Tents, tarpaulins, sails and other canvas goods and automotive textile goods	20 138	20 765	14 119	19 908	19 234	14 137
Other textile articles	85 850	78 874*	88 037	78 413	80 536	80 291
Knitted and crotcheted fabrics and articles	124 049	118 664*	133 763	113 880	116 980	122 348
Wearing apparel	828 268	807 461*	795 027	767 569	789 340	738 714
Sawmilling and preserving of timber	15 570	14 353	15 578	15 101	14 192	15 151
Veneer sheets, plywood, laminboard, etc.	18 274	19 435	24 227	17 832	19 413	23 494
Builders' carpentry and joinery	56 070	45 855*	33 157	52 058	46 185	30 946
Pulp, paper and paperboard	270 928	273 437	251 893	252 553	239 739	236 055
Corrugated paper and paperboard and containers	409 812	381 195	287 516	412 576	402 424	287 960
Paints, varnishes and coatings	40 650	13 054	36 231	33 013	11 556	29 599
Basic iron and steel products	2 866 777	2 854 129	3 111 265	2 848 009	2 883 039	3 089 749
Steel pipe and tube mills	176 036	170 973*	154 235	168 176	176 145	149 554
Basic precious and non-ferrous metal products	1 076 148	1 087 356	987 471	1 061 994	1 088 006	968 323
Metal structures, parts	1 264 058	1 336 502	1 495 621	1 280 413	1 348 567	1 505 640
Cutlery, hand tools and general hardware	30 066	28 722	31 483	30 329	29 401	31 867
Metal containers, e.g. cans and tins	47 551	43 479	42 722	50 235	49 250	45 204
Cables, wire products, springs	83 669	86 501	74 776	84 730	85 501	74 998
Metal fasteners	28 098	18 063	32 369	29 038	18 997	33 637
All other metal products	879 374	885 259	1 137 553	764 866	762 715	1 000 741
Domestic appliances	48 066	46 707	35 933	48 295	44 151	36 040
Electric motors, generators and transformers	393 561	375 250*	336 651	369 804	353 573	315 025
Insulated wire and cables	193 398	181 531	210 742	184 614	179 598	202 783
Accumulators, primary cells and primary batteries	14 681	11 862	13 184	14 107	11 859	12 567
Television, radio and						

communication apparatus	785 294	846 538	659 082	720 115	830 350	611 197
Motor vehicles	1 736 815	1 636 764	1 640 978	1 731 035	1 674 697	1 623 098
Parts and accessories for						
motor vehicles	248 046	286 111*	256 459	250 319	271 730	259 126
Furniture	273 256	211 282	254 493	205 374	195 037	191 771

* Revised