

## P3041.2 MANUFACTURING: production and sales

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### MANUFACTURING PRODUCTION DECREASES

*Manufacturing production for the three months up to May 1999 reflected a decrease of 0,6% after seasonal adjustment compared with the previous three months. Lower manufacturing production was reported by 16 of the 27 manufacturing major divisions.*

The decrease of 0,6% after seasonal adjustment in the total manufacturing production, was mainly due to decreases in the machinery (-0,5 of a percentage point), the basic chemical (-0,3 of a percentage point), the food (-0,2 of a percentage point), the non-metallic products (-0,2 of a percentage point), the metal products (-0,2 of a percentage point) and the furniture (-0,2 of a percentage point) divisions. However, a noticeable increase in production was reported by the paper (+0,5 of a percentage point) and petroleum (+0,3 of a percentage point) divisions (cf. table A, last column).

The total value of sales of manufactured products for the three months up to May 1999 reflected an increase of 0,8% (R703 million) after seasonal adjustment compared with the preceding three months. The largest increases were reported by the paper (+16,0 % or R742 million) and the petroleum (+15,6% or R730 million) divisions.

### 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](http://www.statssa.gov.za).

SUMMARY - TOTAL MANUFACTURING

Period				Production indices	Sales	Percentage change of:	
				1995 = 100	R mill.	Production indices	Sales
Actual							
Mar. 1999 -	May 1999			98,8	93 957,0	-1,5	+3,7
Mar. 1998 -	May 1998			100,3	90 561,6		
Seasonally adjusted							
Mar. 1999 -	May 1999			99,9	94 211,9	-0,6	+0,8
Dec. 1998 -	Feb. 1999			100,5	93 508,9		

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 Mar. 1999 - May 1999	Quarterly percentage change (Mar. 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	105,1	-1,8	-0,24
Beverages	5,2	103,2	1,6	0,08
Total textiles	3,3	84,2	-3,1	-0,10
Total Wearing apparel	3,7	88,4	0,9	0,03
Tanning and dressing of leather	0,4	114,4	16,4	0,06
Footwear	1,1	68,1	-5,0	-0,05
Wood and products of wood	1,8	107,0	5,5	0,09
Paper and paper products	4,9	104,3	10,1	0,49
Total publishing and printing	3,9	94,0	0,3	0,01
Coke and refined petroleum products	6,1	116,8	5,3	0,32
Basic chemicals	4,4	112,4	-6,7	-0,29
Other chemical products	7,1	104,1	-0,1	-0,00
Rubber products	1,5	94,1	4,7	0,07
Plastic products	2,9	85,1	-3,3	-0,09
Glass and glass products	1,0	89,4	-0,7	-0,00
Other non-metallic mineral products	3,3	81,1	-7,6	-0,24
Basic iron and steel products	5,8	91,4	2,8	0,16
Basic precious and non-ferrous metal products	1,9	140,0	-6,4	-0,11
Fabricated metal products	6,6	102,2	-3,4	-0,22
Total machinery and equipment	6,1	90,8	-8,4	-0,51
Electrical machinery, apparatus	3,2	94,8	-5,6	-0,17
Radio, television and communication apparatus	1,2	126,1	-6,7	-0,07
Professional equipment	0,5	74,6	-7,1	-0,03
Motor vehicles; trailers; parts and accessories	6,5	88,9	3,0	0,19
Other transport equipment	1,0	116,4	-3,6	-0,03
Furniture	1,8	101,2	-11,6	-0,20
Other manufacturing industries	1,5	108,7	5,3	0,07
TOTAL	100,0	99,9	-0,6	-0,60

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	86,4
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	101,0*
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	100,2 1/
J	93,0	93,7	102,1	101,4	104,1	103,4	
J	92,2	95,9	102,8	103,4	107,4	104,4	
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	90,8	90,5	95,0	99,6	105,7	104,5	100,3
F	91,8	91,2	99,1	99,0	103,7	103,6	100,4
M	93,5	94,9	99,7	99,1	100,1	101,2	99,9
A	89,6	92,3	96,5	101,2	110,6	102,2	100,2
M	89,0	87,2	101,6	102,5	104,7	100,5	99,6
J	92,3	93,1	101,4	100,6	103,3	102,6	
J	91,0	94,3	100,7	101,0	104,8	101,8	
A	91,3	93,3	101,9	102,4	103,5	96,8	
S	91,3	98,4	102,3	99,3	103,0	101,7	
O	91,0	95,6	100,6	102,3	105,8	99,6	
N	92,0	98,2	100,6	102,9	102,1	100,1	
D	94,6	98,1	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		
			May 1/	April	May	May 1/	April	May
			1999			1998		
			1999			1998		
TOTAL	100,0	101,2	100,2	95,3	101,2	99,6	100,2	100,5
Food and food products	13,6	108,3	109,7	100,3	114,8	105,1	105,5	110,1
Meat, fish, fruit etc.	3,9	130,1	136,8	139,0	130,8	135,9	140,9	130,2
Dairy products	1,6	92,5	89,9	81,6	88,3	93,4	88,7	91,9
Grain mill products	2,8	95,9	96,7	89,9	93,1	95,0	91,0	91,1
Other food products	5,3	103,9	102,8	83,0	122,8	91,3	89,5	110,2
Beverages	5,2	103,3	100,0	83,9	101,1	104,4	100,4	106,4
Total textiles	3,3	91,2	92,0	84,4	99,0	85,6	84,0	92,2
Textiles	2,0	88,3	82,5	79,2	94,8	77,1	79,5	88,7
Other textile products	1,3	95,7	106,5	92,2	105,5	98,6	92,6	97,9
Total Wearing apparel	3,7	87,3	85,2	87,7	77,5	89,7	87,0	81,2
Knitted, crocheted articles	0,7	81,4	82,0	78,4	90,2	73,1	76,7	80,3
Wearing apparel	3,0	88,6	85,9	89,7	74,8	93,7	91,0	81,2
Tanning and dressing of leather	0,4	107,7	117,7	122,6	106,9	112,9	117,3	102,1
Footwear	1,1	73,9	63,4	60,1	67,9	68,3	64,9	72,9
Wood and products of wood	1,8	104,5	104,4	102,5	99,6	106,1	105,2	101,2
Sawmilling and planing of wood	0,6	99,6	97,3	89,7	92,3	100,0	94,7	95,0
Products of wood	1,1	107,1	108,3	109,4	103,5	108,9	110,9	103,5
Paper and paper products	4,9	93,6	100,3	93,6	89,9	106,6	102,9	95,2
Total publishing and printing	3,9	94,5	91,2	89,8	94,7	92,6	94,6	96,0
Publishing	1,6	100,1	95,9	96,7	99,0	97,8	100,6	100,9
Printing, recorded media	2,3	90,7	88,0	85,1	91,8	88,5	90,2	92,4
Coke and refined petroleum products	6,1	105,9	118,0	120,3	105,9	115,4	116,0	103,6
Basic chemicals	4,4	114,2	105,0	112,1	103,1	109,3	117,0	107,2
Other chemical products	7,1	103,9	98,4	101,9	102,5	102,0	106,9	106,5
Rubber products	1,5	95,2	94,6	92,5	98,4	94,7	92,5	98,6
Plastic products	2,9	89,6	84,2	78,1	88,4	85,4	83,2	89,8
Glass and glass products	1,0	90,2	82,4	87,2	83,9	87,9	92,9	89,1
Other non-metallic mineral products	3,3	93,5	82,2	78,4	96,1	80,6	81,6	93,8
Basic iron and steel products	5,8	96,9	95,1	94,3	95,1	88,9	94,9	89,0
Basic precious and non-ferrous metal products	1,9	144,2	150,1	127,5	139,0	144,0	133,5	132,6
Fabricated metal products	6,6	105,4	102,0	98,2	101,8	101,7	103,9	101,2
Structural metal products	1,9	116,9	107,0	102,3	114,9	107,5	117,1	114,1
Other fabricated metal products	4,7	100,7	99,9	96,5	96,4	99,8	98,2	96,1
Total machinery and equipment	6,1	103,6	90,7	79,3	104,2	92,0	84,0	105,5
General purpose machinery	2,5	110,2	111,5	95,2	122,7	106,2	97,4	117,0
Special purpose machinery	3,1	97,7	70,8	63,1	86,7	82,5	69,6	100,2
Household appliances	0,5	107,6	108,8	98,6	118,3	100,3	101,7	110,4
Electrical machinery, apparatus	3,2	97,3	90,8	92,9	94,7	91,6	93,4	95,2
Radio, television and communication apparatus	1,2	126,1	144,1	109,4	171,4	131,4	131,1	157,4
Professional equipment	0,5	76,6	77,5	73,7	77,5	75,4	72,3	74,9
Motor vehicles; trailers; parts and accessories	6,5	86,1	95,3	85,2	88,1	90,8	85,3	83,9
Motor vehicles	3,5	75,3	82,0	76,1	78,0	77,1	76,0	73,0
Bodies for motor vehicles; trailers and semi-trailers	0,5	69,2	64,9	62,4	69,3	61,5	58,6	65,3
Parts and accessories	2,5	105,1	120,6	103,1	106,5	111,1	102,8	98,1
Other transport equipment	1,0	118,1	118,0	125,7	130,1	111,3	121,0	123,2
Furniture	1,8	103,5	100,7	94,0	100,8	104,6	97,2	104,2
Other manufacturing industries	1,5	107,3	115,7	103,1	109,5	110,2	106,8	104,7

\* 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	18 972 369	21 443 348	24 896 075	25 640 869	26 151 594*
F	18 649 462	19 696 094	24 073 305	25 751 663	29 192 867	29 333 697	30 042 247*
M	20 481 694	21 893 931	26 313 399	27 679 048	29 273 319	31 550 508	32 067 246*
A	17 605 375	19 014 509	22 571 092	25 737 686	29 802 563	29 236 486	30 026 193
M	18 354 043	19 563 266	25 355 408	27 731 321	29 958 859	29 774 625	31 863 534 1/
J	19 597 820	21 880 147	25 777 248	27 687 173	29 956 334	31 098 697	
J	19 576 619	22 057 569	25 192 348	27 793 919	30 580 025	31 085 100	
A	20 370 343	21 743 035	26 600 620	28 977 171	30 776 370	30 233 073	
S	20 772 568	23 682 251	27 235 110	28 985 258	30 745 921	32 299 389	
O	21 543 028	24 929 760	28 787 305	32 380 647	35 136 027	34 224 321	
N	22 076 528	25 922 521	29 279 635	32 356 445	33 045 187	33 492 461	
D	17 836 672	20 460 793	23 606 618	25 870 618	27 741 546	28 392 458	
YEAR	232 164 092	257 045 119	303 764 457	332 394 297	361 105 093	366 361 684	
SEASONALLY ADJUSTED VALUES							
J	18 700 678	19 856 108	23 223 438	26 090 703	30 037 687	30 702 039	31 171 221
F	18 899 521	19 980 678	24 510 788	26 313 258	29 930 571	30 142 049	30 925 952
M	19 208 227	20 559 170	24 824 557	26 303 236	28 017 574	30 351 347	30 922 969
A	18 823 743	20 314 095	24 016 811	27 245 784	31 320 778	30 605 256	31 400 189
M	18 604 345	19 734 619	25 479 926	27 788 015	29 933 830	29 740 014	31 888 770
J	19 374 502	21 641 685	25 488 746	27 380 320	29 679 989	30 850 801	
J	19 454 459	21 931 457	25 043 513	27 628 246	30 394 935	30 887 062	
A	19 730 856	21 118 050	25 923 012	28 283 502	30 116 957	29 574 410	
S	19 736 423	22 570 603	26 089 668	27 873 572	29 679 931	31 267 691	
O	19 515 309	22 490 294	25 863 539	29 003 405	31 392 642	30 524 529	
N	19 777 008	23 243 411	26 311 549	29 208 231	29 966 354	30 452 430	
D	20 135 570	23 004 274	26 432 483	28 798 737	30 759 386	31 411 707	

\* 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					
		May 1/		April		May		May 1/		April		May	
		1998		1999		1998		1999		1999		1998	
TOTAL	366 361 684	31 863 534	30 026 193	29 774 625	31 888 770	31 400 189	29 740 014						
Food and food products	57 164 682	4 847 724	4 617 669	4 616 519	4 921 959	4 711 346	4 692 308						
Meat, fish, fruit etc.	16 579 132	1 447 477	1 374 651	1 389 646	1 413 730	1 392 187	1 358 108						
Dairy products	6 719 841	555 028	500 304	542 492	575 589	539 786	563 317						
Grain mill products	15 891 332	1 371 512	1 283 163	1 285 593	1 350 139	1 305 039	1 266 354						
Other food products	17 974 377	1 473 707	1 459 551	1 398 788	1 565 846	1 454 537	1 492 010						
Beverages	19 306 150	1 582 063	1 393 582	1 480 872	1 727 524	1 599 636	1 622 740						
Total textiles	9 576 228	822 884	777 936	853 713	754 896	769 018	784 346						
Textiles	6 510 519	553 997	512 508	578 701	504 322	508 295	528 110						
Other textile products	3 065 709	268 887	265 428	275 012	250 219	268 456	255 879						
Total Wearing apparel	9 620 319	769 653	838 688	701 693	816 794	808 064	743 849						
Knitted, crocheted articles	1 459 165	133 691	128 332	135 705	115 719	118 007	117 458						
Wearing apparel	8 161 154	635 962	710 356	565 988	703 701	689 212	625 592						
Tanning and dressing of leather	1 875 205	189 573	196 885	157 963	174 988	192 424	145 331						
Footwear	2 362 358	182 811	172 830	178 976	197 557	191 822	193 053						
Wood and products of wood	5 966 007	505 065	512 613	501 314	503 124	521 205	499 049						
Sawmilling and planing of wood	1 745 630	141 685	124 525	138 898	145 161	129 264	142 227						
Products of wood	4 220 377	363 380	388 088	362 416	357 545	393 487	356 136						
Paper and paper products	18 258 304	1 774 383	1 581 891	1 450 178	1 871 304	1 729 263	1 525 123						
Total publishing and printing	10 534 437	883 336	888 771	848 712	896 786	920 003	858 680						
Publishing	4 204 834	349 224	352 455	339 918	357 905	364 530	347 357						
Printing, recorded media	6 329 603	534 112	536 316	508 794	543 129	557 048	516 024						
Coke and refined petroleum products	19 989 220	2 035 369	1 707 434	1 644 387	2 096 929	1 714 084	1 698 643						
Basic chemicals	16 064 857	1 355 907	1 325 235	1 224 619	1 411 998	1 371 869	1 272 777						
Other chemical products	23 851 039	1 942 257	2 065 349	1 908 107	1 987 281	2 147 350	1 952 774						
Rubber products	4 289 105	351 794	366 123	373 958	352 937	352 289	376 251						
Plastic products	9 134 079	756 443	717 430	754 742	763 135	749 179	761 256						
Glass and glass products	2 292 855	175 666	168 380	176 249	192 787	185 573	193 901						
Other non-metallic mineral products	9 116 182	743 937	683 835	770 272	727 859	714 087	751 594						
Basic iron and steel products	25 412 766	2 069 038	2 015 164	2 118 821	1 992 077	2 063 221	2 028 579						
Basic precious and non-ferrous metal products	12 143 889	1 122 379	942 834	903 151	1 017 359	1 001 877	815 891						
Fabricated metal products	21 728 002	1 707 069	1 835 667	1 663 633	1 764 750	1 885 859	1 703 942						
Structural metal products	8 563 859	628 143	774 716	617 448	668 788	804 409	646 607						
Other fabricated metal product	13 164 143	1 078 926	1 060 951	1 046 185	1 098 255	1 114 592	1 060 677						
Total machinery and equipment	19 077 949	1 561 459	1 381 557	1 558 997	1 640 178	1 432 841	1 630 445						
General purpose machinery	8 389 330	739 769	649 260	743 828	735 188	683 436	741 678						
Special purpose machinery	8 791 612	657 895	583 938	643 758	712 302	646 074	690 281						
Household appliances	1 897 007	163 795	148 359	171 411	149 748	154 688	158 538						
Electrical machinery, apparatus	11 313 912	943 831	923 940	990 247	881 717	941 939	924 699						
Radio, television and communication apparatus	4 364 411	377 374	313 716	406 836	386 064	379 928	422 978						
Professional equipment	978 414	90 265	84 286	78 621	88 251	85 059	76 848						
Motor vehicles; trailers; parts and accessories	33 625 679	3 422 316	2 981 659	3 022 434	3 150 790	3 046 339	2 774 619						
Motor vehicles	23 538 164	2 464 721	2 108 307	2 160 178	2 245 583	2 194 476	1 958 356						
Bodies for motor vehicles; trailers and semi-trailers	1 589 850	117 316	126 139	134 018	110 736	118 291	125 860						
Parts and accessories	8 497 665	840 279	747 213	728 238	774 347	721 909	672 381						
Other transport equipment	1 948 497	142 133	148 134	129 511	171 712	195 622	157 508						
Furniture	5 592 443	510 658	471 340	436 427	513 335	497 005	437 296						
Other manufacturing industries	10 774 695	998 147	913 245	823 673	988 373	981 148	813 646						

\* Revised  
1/ Preliminary

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values			
	May 1/ 1999	April 1998	May 1998	May 1/ 1999	April 1998	May 1998	
	Spinning, weaving and finishing of textiles	208 227	218 748	212 631	212 018	220 709	216 180
	Tents, tarpaulins, sails and other canvas goods and automotive textile goods	16 673	16 195	12 710	16 544	15 685	12 626
Other textile articles	88 328	104 398	87 929	89 772	105 758	89 535	
Knitted and crocheted fabrics and articles	119 330	114 240	131 019	122 842	116 481	135 229	
Wearing apparel	939 233	858 547	1 052 344	872 453	865 016	977 654	
Sawmilling and preserving of timber	14 434	15 486	18 111	14 443	15 685	18 132	
Veneer sheets, plywood, laminboard, etc.	17 317	13 442	17 047	17 869	12 816	17 615	
Builders' carpentry and joinery	31 422	34 464	34 621	33 246	35 972	36 550	
Pulp, paper and paperboard	285 561	240 432	232 113	285 542	252 579	231 828	
Corrugated paper and paperboard and containers	347 395	341 651	306 782	346 343	352 638	307 508	
Paints, varnishes and coatings	15 053	9 990	9 867	17 737	11 018	11 674	
Basic iron and steel products	2 691 043	2 706 672	3 055 454	2 699 879	2 699 885	3 053 976	
Steel pipe and tube mills	138 123	135 543	132 014	142 133	141 492	135 270	
Basic precious and non-ferrous metal products	1 030 144	911 265	1 199 781	1 018 055	934 016	1 185 701	
Metal structures, parts	1 660 131	1 675 697	1 701 044	1 607 257	1 633 479	1 653 447	
Cutlery, hand tools and general hardware	26 720	28 137	27 331	27 102	28 682	27 496	
Metal containers, e.g. cans and tins	37 587	39 839	53 640	39 355	40 710	56 345	
Cables, wire products, springs	77 181	72 029	72 447	69 544	70 445	65 262	
Metal fasteners	17 427	18 243	40 363	16 540	16 642	37 959	
All other metal products	875 663	963 002	550 888	972 770	1 023 137	602 309	
Domestic appliances	47 651	44 981	33 793	44 264	44 831	31 830	
Electric motors, generators and transformers	354 408	344 901	277 416	361 185	362 513	284 356	
Insulated wire and cables	178 535	183 913	224 842	175 949	181 387	219 469	
Accumulators, primary cells and primary batteries	15 264	15 668	16 346	15 468	15 581	16 667	
Television, radio and							



communication apparatus	781 123	743 883	578 063	773 290	774 445	569 979
Motor vehicles	1 869 213	2 086 549	1 820 179	1 628 969	1 736 649	1 583 853
Parts and accessories for						
motor vehicles	264 064	237 708	297 605	245 713	237 000	278 283
Furniture	182 137	196 621	166 848	221 764	210 672	201 310

\* Revised