

## MANUFACTURING: production and sales P3041.2

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### 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 second quarter of 1999 reflected a decrease of 0,7% after seasonal adjustment compared with the first quarter of 1999. Lower manufacturing production was reported in 20 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 electrical machinery (-0,3 of a percentage point), followed by the basic chemical (-0,2 of a percentage point), the machinery (-0,2 of a percentage point) and the furniture (-0,2 of a percentage point) divisions.

The total value of sales of manufactured products for the second quarter of 1999 reflected an increase of 2,8% (R2 637 million) after seasonal adjustment compared with the first quarter of 1999. The largest increases were reported by the petroleum (+20,0% or R940 million), the motor vehicle (+5,5% or R495 million), the paper (+7,5 % or R368 million) and the machinery (+7,2% or R328 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
<b>Actual</b>				
Apr. 1999 - Jun. 1999	98,3	94 383,4	-2,3	+4,7
Apr. 1998 - Jun. 1998	100,6	90 109,8		
<b>Seasonally adjusted</b>				
Apr. 1999 - Jun. 1999	99,5	95 588,7	-0,7	+2,8
Jan. 1999 - Mar. 1999	100,2	92 952,2		

**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 Apr. 1999 - Jun. 1999	Quarterly percentage change (Apr. 1999 - Jun.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	106,7	-0,1	-0,01
Beverages	5,2	102,9	-0,9	-0,05
Total textiles	3,3	86,7	+2,1	+0,07
Total Wearing apparel	3,7	89,4	+3,7	+0,14
Tanning and dressing of leather	0,4	120,5	+11,3	+0,04
Footwear	1,1	66,9	-5,1	-0,05
Wood and products of wood	1,8	104,0	-1,3	-0,02
Paper and paper products	4,9	100,6	+3,0	+0,15
Total publishing and printing	3,9	94,3	+1,2	+0,05
Coke and refined petroleum products	6,1	111,1	-1,2	-0,07
Basic chemicals	4,4	114,5	-5,0	-0,22
Other chemical products	7,1	103,0	-0,7	-0,05
Rubber products	1,5	90,1	-2,4	-0,04
Plastic products	2,9	82,1	-5,1	-0,15
Glass and glass products	1,0	89,4	+3,2	+0,03
Other non-metallic mineral products	3,3	81,2	-1,3	-0,04
Basic iron and steel products	5,8	91,7	-0,9	-0,05
Basic precious and non-ferrous metal products	1,9	145,3	-0,8	-0,02
Fabricated metal products	6,6	100,0	-0,3	-0,02
Total machinery and equipment	6,1	91,9	-3,6	-0,22
Electrical machinery, apparatus	3,2	90,6	-10,5	-0,33
Radio, television and communication apparatus	1,2	129,0	+0,3	-0,00
Professional equipment	0,5	72,8	-9,8	-0,05
Motor vehicles; trailers; parts and accessories	6,5	87,4	-0,3	-0,02
Other transport equipment	1,0	113,7	-4,3	-0,04
Furniture	1,8	103,3	-12,1	-0,22
Other manufacturing industries	1,5	107,9	+3,6	+0,05
<b>TOTAL</b>	<b>100,0</b>	<b>99,5</b>	<b>-0,7</b>	<b>-0,70</b>

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	98,2
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	100,3
J	93,0	93,7	102,1	101,4	104,1	103,4	99,5 1/
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	90,9	90,5	95,0	99,6	105,7	104,5	100,3
F	91,9	91,2	99,1	99,0	103,7	103,6	100,4
M	93,5	94,9	99,7	99,1	100,0	101,1	99,9
A	89,6	92,3	96,4	101,2	110,5	102,2	100,0
M	89,0	87,2	101,5	102,5	104,6	100,4	99,6
J	92,2	93,0	101,4	100,7	103,3	102,7	98,9
J	91,0	94,3	100,7	101,0	104,8	101,7	
A	91,3	93,3	101,9	102,4	103,6	96,8	
S	91,4	98,4	102,3	99,3	103,0	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	98,1	99,6	97,9	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		
			June 1/	May	June	June 1/	May	June
			1999			1999		
			1998			1998		
Food and food products	13,6	108,3	109,1	109,9	107,9	108,6	105,5	107,3
Meat, fish, fruit etc.	3,9	130,1	130,4	136,0	109,3	143,3	135,8	118,9
Dairy products	1,6	92,5	86,0	89,7	90,9	95,4	93,9	101,0
Grain mill products	2,8	95,9	89,8	96,7	96,5	91,2	94,3	97,9
Other food products	5,3	103,9	110,9	103,9	118,3	97,6	93,0	104,9
Beverages	5,2	103,3	90,1	98,4	90,9	104,3	103,4	105,3
Total textiles	3,3	91,2	92,9	93,2	96,0	88,1	86,9	90,8
Textiles	2,0	88,3	85,6	82,9	91,2	81,1	77,7	86,2
Other textile products	1,3	95,7	103,9	108,9	103,2	99,9	100,6	99,4
Total Wearing apparel	3,7	87,3	81,4	85,4	73,9	91,4	90,2	82,6
Knitted, crocheted articles	0,7	81,4	82,2	83,3	76,6	75,3	73,9	70,0
Wearing apparel	3,0	88,6	81,2	85,9	73,3	93,9	93,8	84,5
Tanning and dressing of leather	0,4	107,7	116,4	128,3	109,0	118,2	119,9	110,8
Footwear	1,1	73,9	62,6	63,4	69,7	67,3	68,5	74,9
Wood and products of wood	1,8	104,5	103,8	107,4	109,3	102,9	107,8	108,3
Sawmilling and planing of wood	0,6	99,6	92,2	97,3	125,5	92,0	98,5	124,8
Products of wood	1,1	107,1	110,1	112,8	100,5	112,3	111,8	102,3
Paper and paper products	4,9	93,6	99,4	101,2	102,7	94,2	106,2	97,7
Total publishing and printing	3,9	94,5	90,5	94,6	94,0	93,3	95,3	96,8
Publishing	1,6	100,1	97,8	95,9	104,6	95,1	97,7	102,0
Printing, recorded media	2,3	90,7	85,6	93,7	86,7	90,5	92,9	91,2
Coke and refined petroleum products	6,1	105,9	111,7	111,6	105,6	109,6	109,8	103,5
Basic chemicals	4,4	114,2	113,0	109,3	122,0	112,0	113,7	120,5
Other chemical products	7,1	103,9	99,5	100,0	104,4	99,4	102,9	103,7
Rubber products	1,5	95,2	94,0	94,6	110,7	83,9	94,2	98,0
Plastic products	2,9	89,6	81,6	81,2	90,2	81,6	82,8	90,2
Glass and glass products	1,0	90,2	90,3	91,4	104,0	80,0	94,9	92,7
Other non-metallic mineral products	3,3	93,5	86,9	82,9	103,0	80,8	81,2	95,7
Basic iron and steel products	5,8	96,9	100,2	96,3	116,2	89,9	90,0	104,7
Basic precious and non-ferrous metal products	1,9	144,2	153,6	150,1	142,1	156,5	145,3	145,0
Fabricated metal products	6,6	105,4	93,1	101,2	105,4	94,4	100,6	106,4
Structural metal products	1,9	116,9	88,7	103,0	126,8	82,9	104,1	118,3
Other fabricated metal product	4,7	100,7	94,9	100,5	96,7	99,4	100,4	100,7
Total machinery and equipment	6,1	103,6	97,1	90,6	96,6	99,6	93,4	98,8
General purpose machinery	2,5	110,2	111,0	111,5	125,3	102,6	106,4	116,9
Special purpose machinery	3,1	97,7	83,2	70,8	72,4	87,2	83,1	75,5
Household appliances	0,5	107,6	112,7	107,4	101,6	118,6	99,0	106,6
Electrical machinery, apparatus	3,2	97,3	90,8	92,3	103,0	87,2	91,3	98,5
Radio, television and communication apparatus	1,2	126,1	137,0	144,1	160,3	124,6	131,4	145,2
Professional equipment	0,5	76,6	75,1	76,6	79,1	71,7	74,5	75,6
Motor vehicles; trailers; parts and accessories	6,5	86,1	91,8	92,9	93,2	87,9	89,0	89,1
Motor vehicles	3,5	75,3	82,8	82,0	82,0	77,3	77,3	76,6
Bodies for motor vehicles; trailers and semi-trailers	0,5	69,2	56,2	54,2	73,1	52,8	54,2	69,1
Parts and accessories	2,5	105,1	112,0	116,5	113,3	109,5	108,4	110,4
Other transport equipment	1,0	118,1	106,5	118,0	118,7	109,2	111,0	121,7
Furniture	1,8	103,5	107,1	99,8	104,2	110,1	103,9	107,1
Other manufacturing industries	1,5	107,3	118,2	114,3	112,5	114,5	109,3	109,1
TOTAL	100,0	101,2	99,5	100,3	103,4	98,9	99,6	102,7

\* 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	26 130 308*
F	18 649 462	19 696 094	24 073 305	25 751 663	29 192 867	29 333 697	30 052 089*
M	20 481 694	21 893 931	26 313 399	27 679 048	29 273 319	31 550 508	32 072 943*
A	17 605 375	19 014 509	22 571 092	25 737 686	29 802 563	29 236 486	29 886 589*
M	18 354 043	19 563 266	25 355 408	27 731 321	29 958 859	29 774 625	31 937 668
J	19 597 820	21 880 147	25 777 248	27 687 173	29 956 334	31 098 697	32 559 103 1/
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	34 238 728*	
N	22 076 528	25 922 521	29 279 635	32 356 445	33 045 187	33 504 286*	
D	17 836 672	20 460 793	23 606 618	25 870 618	27 741 546	28 400 303*	
YEAR	232 164 092	257 045 119	303 764 457	332 394 297	361 105 093	366 395 761	
SEASONALLY ADJUSTED VALUES							
J	18 700 248	19 855 297	23 219 393	26 078 108	30 020 110	30 678 120	31 113 169
F	18 899 408	19 980 616	24 509 241	26 304 496	29 918 021	30 121 745	30 905 943
M	19 207 909	20 560 038	24 826 668	26 305 755	28 025 946	30 361 646	30 933 056
A	18 816 492	20 304 783	24 008 989	27 253 644	31 363 412	30 678 175	31 337 832
M	18 607 934	19 738 009	25 484 763	27 800 586	29 965 460	29 786 377	32 013 326
J	19 376 843	21 643 749	25 494 017	27 398 534	29 631 962	30 772 427	32 237 521
J	19 453 195	21 928 925	25 044 313	27 632 637	30 413 455	30 908 835	
A	19 734 277	21 119 965	25 908 556	28 240 816	30 047 928	29 495 286	
S	19 736 271	22 567 698	26 087 674	27 870 518	29 687 444	31 276 096	
O	19 515 407	22 504 549	25 897 181	29 063 317	31 475 176	30 628 320	
N	19 777 136	23 239 491	26 300 899	29 186 338	29 944 694	30 439 354	
D	20 135 586	23 000 416	26 418 519	28 774 083	30 726 998	31 378 768	

\* 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		
		June	May	June	June	May	June
		1999		1998	1999		1998
	1998						
Food and food products	57 164 682	4 804 938	4 878 700	4 578 458	4 944 013	4 956 533	4 707 260
Meat, fish, fruit etc.	16 579 132	1 376 844	1 453 708	1 248 081	1 426 065	1 419 641	1 287 984
Dairy products	6 719 841	536 927	561 930	525 801	586 685	584 264	575 549
Grain mill products	15 891 332	1 350 879	1 371 512	1 342 788	1 346 131	1 354 818	1 338 049
Other food products	17 974 377	1 540 288	1 491 550	1 461 788	1 540 582	1 582 932	1 463 636
Beverages	19 346 977*	1 458 540	1 584 706	1 387 465	1 675 851	1 720 473	1 589 546
Total textiles	9 576 228	821 467	831 218	834 285	781 292	765 185	790 967
Textiles	6 510 519	538 912	555 690	569 313	509 302	507 334	535 841
Other textile products	3 065 709	282 555	275 528	264 972	267 872	257 017	250 469
Total Wearing apparel	9 620 319	736 445	768 100	675 563	848 598	823 843	773 420
Knitted, crocheted articles	1 459 165	137 525	133 691	129 231	126 812	117 116	118 752
Wearing apparel	8 161 154	598 920	634 409	546 332	724 018	706 164	656 384
Tanning and dressing of leather	1 875 205	178 070	208 065	149 182	185 646	188 980	154 996
Footwear	2 362 358	178 896	182 811	183 494	199 906	199 378	205 692
Wood and products of wood	5 966 007	525 843	501 905	528 323	506 720	500 306	509 489
Sawmilling and planing of wood	1 745 630	146 839	143 575	182 517	144 741	146 691	179 788
Products of wood	4 220 377	379 004	358 330	345 806	374 427	350 915	340 865
Paper and paper products	18 258 304	1 725 641	1 792 670	1 625 507	1 661 374	1 888 792	1 575 040
Total publishing and printing	10 534 437	870 108	919 097	860 203	899 634	925 225	888 654
Publishing	4 204 834	361 340	349 224	361 153	353 044	357 502	353 616
Printing, recorded media	6 329 603	508 768	569 873	499 050	539 434	567 050	526 869
Coke and refined petroleum products	19 989 220	2 038 170	1 932 804	1 677 413	1 995 962	1 998 675	1 639 265
Basic chemicals	16 064 857	1 440 914	1 354 004	1 414 076	1 361 398	1 409 701	1 333 684
Other chemical products	23 851 039	1 982 148	1 983 209	1 940 616	2 014 901	2 033 310	1 963 197
Rubber products	4 289 105	376 069	351 794	388 533	340 440	350 816	350 429
Plastic products	9 127 329*	744 029	740 971	751 651	760 728	751 046	766 775
Glass and glass products	2 292 855	167 668	172 184	187 092	172 823	188 750	192 661
Other non-metallic mineral products	9 116 182	754 654	727 664	800 025	714 922	715 903	756 499
Basic iron and steel products	25 412 766	2 332 166	2 097 107	2 647 079	2 060 871	2 017 731	2 347 851
Basic precious and non-ferrous metal products	12 143 889	1 157 216	1 122 379	993 584	1 112 302	1 035 341	961 907
Fabricated metal products	21 728 002	1 749 300	1 753 185	1 894 888	1 692 099	1 792 537	1 828 669
Structural metal products	8 563 859	656 561	647 744	830 137	574 480	678 944	728 608
Other fabricated metal product	13 164 143	1 092 739	1 105 441	1 064 751	1 109 774	1 117 995	1 075 592
Total machinery and equipment	19 077 949	1 840 207	1 523 540	1 611 312	1 866 868	1 591 082	1 630 386
General purpose machinery	8 389 330	936 143	713 513	776 022	889 101	715 992	738 943
Special purpose machinery	8 791 612	735 524	646 232	678 972	759 048	722 220	697 584
Household appliances	1 897 007	168 540	163 795	156 318	168 851	151 246	156 600
Electrical machinery, apparatus	11 313 912	927 373	982 271	961 456	902 437	920 904	931 532
Radio, television and communication apparatus	4 364 411	420 586	375 086	465 453	392 226	388 974	434 631
Professional equipment	978 414	93 517	90 265	85 691	86 947	88 127	79 465
Motor vehicles; trailers; parts and accessories	33 625 679	3 498 687	3 416 404	2 927 229	3 316 557	3 181 222	2 777 418
Motor vehicles	23 538 164	2 593 111	2 464 721	2 076 816	2 411 954	2 272 700	1 938 613
Bodies for motor vehicles; trailers and semi-trailers	1 589 850	122 838	120 339	148 705	117 299	113 718	142 724
Parts and accessories	8 497 665	782 738	831 344	701 708	782 092	771 602	697 256
Other transport equipment	1 948 487	240 955	142 133	191 561	231 783	174 493	186 708
Furniture	5 592 443	503 855	512 289	430 654	528 430	514 548	450 857
Other manufacturing industries	10 774 695	991 641	993 107	907 904	999 099	985 256	912 473
TOTAL	366 395 761*	32 559 103	31 937 668	31 098 697	32 237 521	32 013 326	30 772 427

\* Revised  
1/ Preliminary

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

R1 000

Selected Manufacturing Subgroups	Actual values			Seasonally adjusted values		
	June 1/	May	June	June 1/	May	June
	1999		1998	1999		1998
Spinning, weaving and finishing of textiles	197 076	196 718	207 886	196 142	200 007	206 930
Tents, tarpaulins, sails and other canvas goods and automotive textile goods	18 195	17 012	11 737	19 956	17 083	12 629
Other textile articles	96 339	89 179	98 592	87 671	91 462	90 048
Knitted and crocheted fabrics and articles	116 143	119 330	117 622	123 423	122 885	125 042
Wearing apparel	899 876	939 233	952 800	888 192	876 064	940 218
Sawmilling and preserving of timber	14 924	14 434	17 622	14 980	14 510	17 707
Veneer sheets, plywood, laminboard, etc.	15 896	17 317	15 870	18 223	17 988	18 149
Builders' carpentry and joinery	33 734	31 610	37 616	32 815	33 048	36 411
Pulp, paper and paperboard	306 855	295 763	235 524	329 920	304 631	253 219
Corrugated paper and paperboard and containers	351 330	352 201	299 535	357 434	350 167	305 645
Paints, varnishes and coatings	8 368	14 723	16 337	10 457	17 337	20 078
Basic iron and steel products	2 738 244	2 691 043	2 937 234	2 730 777	2 693 529	2 923 868
Steel pipe and tube mills	121 464	138 123	128 670	128 332	140 613	134 568
Basic precious and non-ferrous metal products	1 154 915	1 030 144	1 231 650	1 117 308	1 036 152	1 187 998
Metal structures, parts	1 382 834	1 532 467	1 618 120	1 403 571	1 495 511	1 649 100
Cutlery, hand tools and general hardware	31 656	26 720	28 855	29 487	27 315	26 745
Metal containers, e.g. cans and tins	44 666	37 587	48 461	44 060	41 035	47 768
Cables, wire products, springs	74 410	77 181	79 609	71 686	70 051	76 825
Metal fasteners	15 767	17 427	44 961	14 931	16 302	42 450
All other metal products	948 307	856 416	1 092 777	899 921	923 138	1 040 326
Domestic appliances	43 202	47 651	36 638	41 836	44 036	35 796
Electric motors, generators and transformers	366 889	354 408	330 486	335 649	358 532	304 415
Insulated wire and cables	195 863	178 535	200 593	191 748	176 602	194 691
Accumulators, primary cells and primary batteries	16 112	15 264	15 620	15 752	15 479	15 471
Television, radio and						



communication apparatus	725 874	781 123	618 261	689 933	767 049	587 146
Motor vehicles	1 782 755	1 869 213	1 517 997	1 773 770	1 647 304	1 509 158
Parts and accessories for						
motor vehicles	258 078	258 818	307 928	237 558	242 493	285 442
Furniture	205 673	182 137	180 233	219 197	222 320	192 935

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