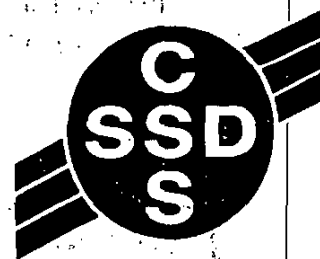


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CENTRAL
STATISTICAL SERVICE

**Manufacturing:
production and sales
October 1996**

Statistical release P3041.2

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MANUFACTURING PRODUCTION LEVELS OFF

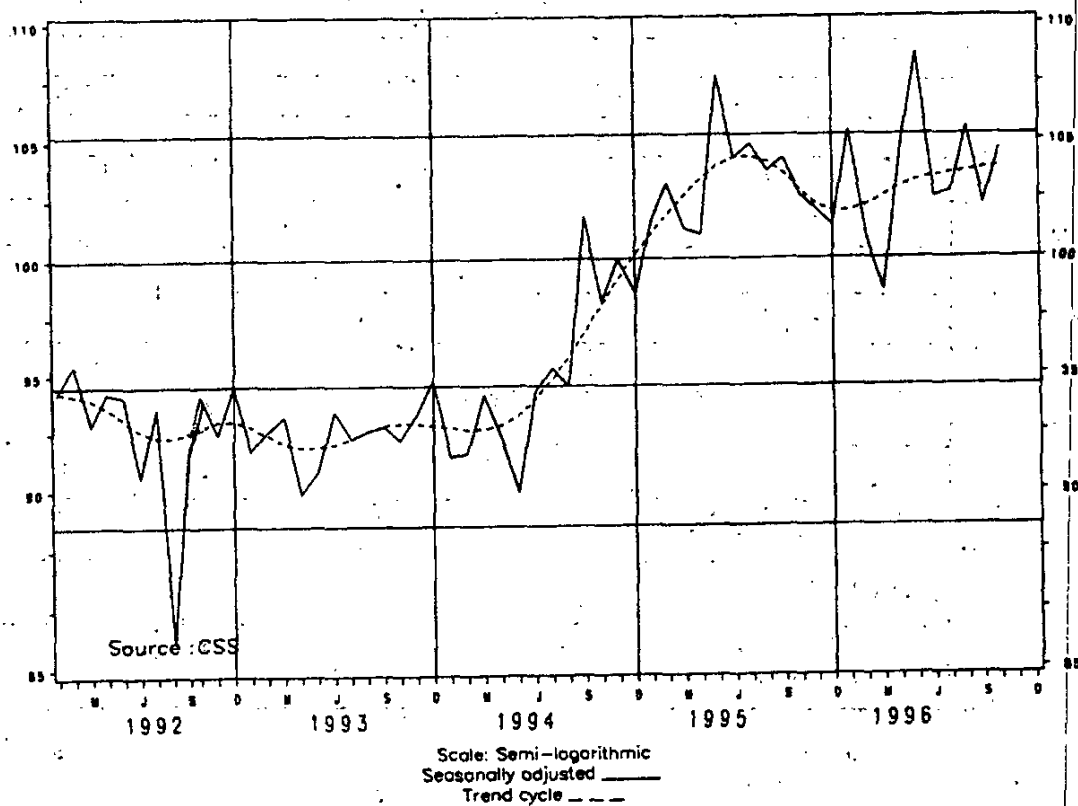
Despite fluctuations, manufacturing production for the last three months up to October 1996 shows a decrease of 0,6% after seasonal adjustment compared with the previous three months.

Noticeable decreases in production for the above-mentioned period were recorded by the motor vehicle, the basic iron and steel and the transport equipment industries (each contribution decreased by 0,2 of a percentage point). These decreases were counteracted by increased production of the petroleum and coal (0,4 of a percentage point) and the machinery industries (0,2 of a percentage point).

The seasonally adjusted value of sales of manufactured products for the three months up to October 1996 was 0,4% higher than for the preceding three months.

If the value of unfilled orders for October 1996 is compared with that for October 1995, better prospects are envisaged for the basic iron and steel (+R216 million), structural metal products (+R148 million), steel pipe and tube (+R138 million) and motor vehicle industries (+R246 million).

MANUFACTURING
PHYSICAL VOLUME OF PRODUCTION
BASE 1990=100
INDEX



pp

Dr F M Orkin

Head: Central Statistical Service

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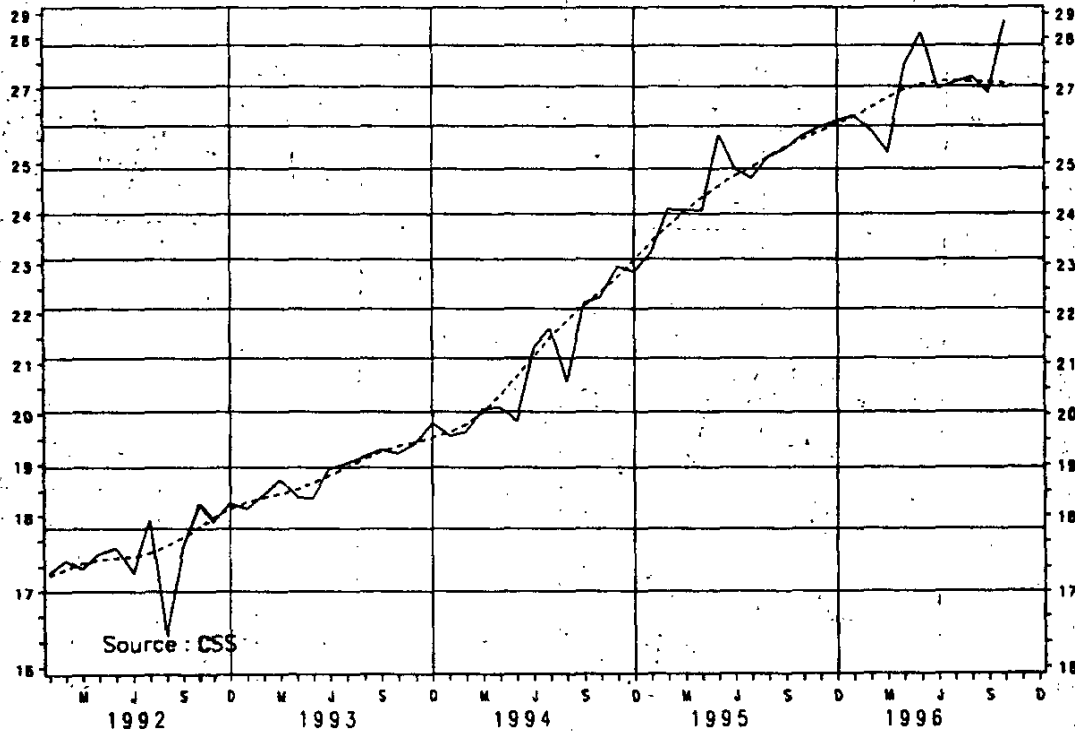
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P3041.2

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1990 = 100	R mill.	Production indices	Sales
Actual				
Aug. 1996 - Oct. 1996	110,1	88 342,4	+0,5	+8,0
Aug. 1995 - Oct. 1995	109,5	81 824,2		
Seasonally adjusted				
Aug. 1996 - Oct. 1996	103,9	82 647,6	-0,6	+0,4
May 1996 - Jul. 1996	104,5	82 291,3		

MANUFACTURING
VALUE OF SALES
R MILLION



Scale : Semi-logarithmic
Seasonally adjusted ———
Trend cycle - - - - -

NOTES

1. This statistical release shows indices of the physical volume of manufacturing production and the value of sales and unfilled orders, **after benchmarking**, according to manufacturing major groups. Both actual and seasonally adjusted figures are shown. Sales and production figures for Walvis Bay are excluded as from 1 March 1994. **The former TBVC states are included.**
2. **The results of the 1988 and 1991 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 1998 census year covers the period 1 July 1987 to 30 June 1988 and therefore the benchmarking was done on the index of January 1988).
3. The calculation of the monthly manufacturing indices is based on the value of manufactured products and articles after the effect of price changes has been eliminated by 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 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. The weighting factors for the combining of the production indices for the manufacturing major groups to those for total manufacturing were calculated on the basis of the net output data obtained from the 1991 Manufacturing Census.
5. The 1988 and 1991 manufacturing censuses as well as the sample survey (before 1995) did not include information of the former TBVC states. To make the time series comparable, published and unpublished information for 1988 and 1991 was obtained from Statistical offices of the former TBVC states and has been incorporated. Thereafter, the level of the sample results was raised to link up with the benchmarks. The sample data do not reflect the influence of the cyclic movement of the establishments before January 1995 in the former TBVC states.
6. Production indices for the various manufacturing subgroups that were previously published in the **Bulletin of Statistics** were discontinued as from the indices for January 1993. The production indices on a subgroup basis can be obtained by approximation by deflating the value of sales according to manufacturing subgroups in statistical release P0142.1 (entitled **Production Price Index**) with the production price indices for the relevant manufacturing subgroups.
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 1987 to August 1995 were published in statistical releases P3041.3 (entitled **Manufacturing statistics: Indices of the physical volume of manufacturing production, Base: 1990=100, January 1987 to August 1995**) and P3041.4 (entitled **Manufacturing statistics: Value of sales, January 1987 to August 1995**).

TABLE 1 - INDICES OF THE PHYSICAL VOLUME OF MANUFACTURING PRODUCTION - TOTAL
HISTORICAL TABLE
BASE 1990 = 100

Month	1990	1991	1992	1993	1994	1995	1996
J	84.6	82.7	79.7	77.5	77.1	84.4	87.4
F	99.2	95.5	95.2	92.6	91.6	101.5	99.2
M	107.1	100.3	99.0	99.5	100.4	107.3	104.8
A	95.8	97.8	89.8	85.8	87.4	94.6	97.6
M	98.7	94.6	92.6	89.8	89.0	104.8	105.7*
J	104.3	97.6	93.4	95.4	96.0	105.3	103.7*
J	98.9	96.5	95.1	94.3	97.2	106.2	104.2
A	105.5	99.4	89.0	96.3	98.0	106.8	108.7*
S	102.9	100.8	96.8	97.7	106.2	108.5	106.5*
O	107.4	103.7	103.6	102.2	108.3	113.1	115.1
N	111.7	104.7	103.7	104.8	111.7	114.0	
D	84.0	83.0	83.6	84.1	87.1	89.4	
YEAR	100.0	96.4	93.5	93.3	95.8	103.0	
SEASONALLY ADJUSTED INDICES							
J	99.5	97.9	94.8	92.6	92.4	101.4	105.1
F	100.1	96.2	95.9	93.4	92.6	102.9	100.8
M	101.6	94.9	93.6	93.9	94.7	101.1	98.7
A	99.8	102.6	94.8	91.1	93.1	100.9	104.2
M	101.3	96.8	94.7	91.9	91.2	107.4	108.4
J	101.5	95.5	91.7	94.1	94.8	104.0	102.4
J	98.5	96.0	94.3	93.1	95.7	104.5	102.6
A	101.5	95.8	86.1	93.4	95.0	103.4	105.2
S	97.7	96.2	92.6	93.6	101.6	104.0	102.1
O	99.4	95.4	94.7	93.1	98.3	102.5	104.3
N	101.5	94.6	93.3	94.0	100.0	101.9	
D	96.5	94.8	95.0	95.3	98.6	101.2	

* Revised

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

BASE 1990 = 100

Manufacturing Major Groups	Weights	Year		Actual indices		Seasonally adjusted indices		
		1995		1996		1996		
		October	September	October	September	October	September	
TOTAL	100.0	103.0	115.1	106.5	113.1	104.3	102.1	102.5
Food	12.1	94.1	105.9	100.5	107.1	98.1	98.4	99.3
Beverages	4.7	93.2	105.0	91.3	100.9	96.5	89.2	92.2
Tobacco products	0.5	85.6	94.5	80.8	105.2	87.6	78.5	97.4
Textiles	3.6	101.5	109.7	100.8	105.7	100.1	94.3	96.1
Wearing apparel, excluding footwear	3.0	111.6	125.3	109.6	134.0	101.3	92.8	108.1
Leather and leather product	0.4	109.7	124.8	112.2	113.2	112.9	105.3	102.0
Footwear	1.1	83.3	86.8	85.1	102.4	69.4	71.7	81.8
Wood and wood products, excluding furniture	1.9	102.5	120.3	110.4	114.4	105.4	102.1	100.3
Furniture (wood)	1.6	103.4	139.7	122.4	141.7	108.8	105.6	110.8
Paper and paper products	4.8	112.7	113.5	107.8	117.2	105.1	106.3	108.3
Printing and publishing	3.7	99.1	104.8	100.4	111.6	94.5	97.7	100.4
Industrial chemicals	5.5	103.1	125.8	111.2	113.2	110.9	106.6	99.6
Chemical products, excluding products of petroleum and coal	5.9	105.7	118.8	116.4	117.2	109.3	111.6	108.0
Products of petroleum and coal	6.5	140.2	147.6	137.8	146.5	147.2	143.7	146.9
Rubber products	1.6	96.0	92.6	96.0	104.6	83.8	89.5	94.7
Plastic products	2.6	115.6	141.1	120.8	133.0	121.9	114.8	114.9
Pottery	0.2	84.8	75.3	79.5	105.4	63.3	69.4	87.8
Glass and glass products	1.2	96.8	97.4	92.5	110.0	84.7	91.2	95.5
Other non-metallic mineral products	3.3	94.3	108.0	102.2	106.1	97.3	92.2	95.7
Basic iron and steel industries	6.6	95.7	100.5	96.3	99.5	95.2	91.2	94.2
Basic non-ferrous metal industries	2.1	123.3	185.3	194.8	150.9	171.2	185.4	138.3
Metal products, excluding machinery	7.2	97.7	107.9	95.5	102.9	99.5	90.9	94.6
Machinery and equipment	6.1	97.3	111.6	110.6	108.2	102.6	101.3	99.5
Electrical machinery	4.6	98.0	102.3	91.8	110.0	91.1	81.9	98.0
Motor vehicles, parts and accessories	6.4	115.0	126.5	105.0	115.9	109.2	99.0	99.8
Transport equipment, excluding motor vehicles, parts and accessories	1.3	51.5	62.8	60.9	55.5	57.3	59.3	50.7
Professional and scientific measuring and controlling equipment and photographic and optical goods	0.4	114.9	112.6	103.9	117.8	103.1	98.4	107.8
Other manufacturing industries	1.1	78.6	103.1	77.7	93.3	81.7	76.2	74.0

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL
HISTORICAL TABLE
RI 000

Month	1990	1991	1992	1993	1994	1995*	1996*
J	12 344 911	13 708 350	14 272 233	14 998 362	15 912 227	18 700 767	21 197 543
F	14 855 596	16 199 300	17 283 659	18 333 144	19 357 694	23 673 858	25 386 454
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 351 326
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 288 150	25 423 843
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	27 404 873
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 448 686	27 445 952
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	24 978 840	27 285 938
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 376 892	28 369 855
S	16 394 505	18 123 577	18 710 826	20 413 391	23 362 473	26 910 501	28 286 043
O	17 415 854	18 608 654	20 155 870	21 183 241	24 565 955	28 536 824	31 686 525
N	18 190 996	18 784 906	20 129 846	21 707 573	25 567 815	29 118 197	
D	13 719 535	14 972 366	16 227 436	17 499 456	20 152 607	23 160 474	
YEAR	187 385 300	202 659 405	211 800 409	228 030 455	253 036 162	300 123 102	

SEASONALLY ADJUSTED VALUES							
J	14 680 428	16 438 296	17 276 394	18 316 354	19 561 997	23 109 533	26 255 689
F	15 055 446	16 389 009	17 470 934	18 552 678	19 630 860	24 097 288	25 880 273
M	15 312 995	16 296 492	17 350 688	18 797 401	20 043 596	24 065 733	25 372 158
A	15 268 214	17 689 522	17 570 223	18 501 911	20 089 554	24 064 598	27 472 599
M	15 754 814	16 881 211	17 664 811	18 501 339	19 811 580	25 791 029	28 292 511
J	15 829 307	16 706 682	17 276 565	18 989 978	21 175 464	24 994 506	26 921 682
J	15 439 583	17 004 005	18 135 253	19 087 458	21 567 220	24 778 011	27 077 101
A	16 013 363	16 921 074	16 310 193	19 199 868	20 546 706	25 288 375	27 202 899
S	15 445 531	17 110 317	17 682 775	19 320 074	22 101 510	25 484 807	26 795 280
O	16 066 598	17 076 794	18 395 545	19 246 843	22 239 411	25 794 396	28 649 466
N	16 485 251	16 940 215	18 084 812	19 428 829	22 859 504	25 992 822	
D	15 668 244	17 046 660	18 409 412	19 786 553	22 754 381	26 131 895	

* Revised

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

Manufacturing Major Groups	Year	Actual values		Seasonally adjusted values			
		1995		1996			
		October	September	October	September		
		R1 000					
TOTAL	300 123 102	31 686 525	28 286 043	28 536 824	28 649 466	26 795 260	25 794 396
Food	41 367 362	4 580 071	3 930 532	3 902 164	4 202 265	4 019 553	3 584 361
Beverages	15 770 582	1 567 553	1 431 732	1 421 054	1 475 328	1 395 658	1 327 604
Tobacco products	3 155 057	319 677	267 833	334 649	286 657	263 635	300 628
Textiles	10 132 888	994 931	902 147	906 970	908 814	823 259	825 434
Wearing apparel, excluding footwear	7 818 055	848 766	706 259	834 109	669 903	593 509	658 136
Leather and leather product	1 548 661	159 388	139 731	142 912	138 922	131 970	124 368
Footwear	2 436 313	250 003	230 310	268 410	193 403	194 489	207 566
Wood and wood products, excluding furniture	4 389 597	483 890	434 959	417 012	424 091	402 990	366 048
Furniture (wood)	4 374 981	543 667	441 313	504 567	422 676	392 655	393 491
Paper and paper products	15 728 016	1 489 219	1 504 259	1 497 879	1 354 878	1 506 708	1 361 887
Printing and publishing	9 243 199	904 240	834 871	903 112	812 006	812 167	809 923
Industrial chemicals	15 309 738	1 724 777	1 547 669	1 498 563	1 483 351	1 422 521	1 286 404
Chemical products, excluding products of petroleum and coal	15 894 568	1 662 060	1 553 474	1 538 149	1 502 298	1 469 613	1 396 077
Products of petroleum, and coal	16 630 255	1 710 077	1 537 302	1 362 729	1 657 986	1 515 123	1 323 383
Rubber products	3 632 824	335 437	322 732	347 628	283 689	303 620	305 759
Plastic products	8 082 685	891 523	771 448	792 479	769 975	706 649	683 653
Pottery	285 938	24 310	26 257	23 382	21 965	22 448	20 840
Glass and glass products	2 374 260	238 417	204 626	246 122	197 656	204 927	204 861
Other non-metallic mineral products	7 630 862	826 440	763 422	736 577	723 342	691 398	646 318
Basic iron and steel industries	19 185 844	1 849 916	1 737 397	1 778 805	1 742 104	1 668 433	1 678 546
Basic non-ferrous metal industries	7 185 090	942 025	890 592	710 569	841 947	835 751	631 920
Metal products, excluding machinery	20 312 892	2 061 481	1 762 831	1 832 734	1 907 412	1 687 960	1 691 076
Machinery and equipment	16 308 111	1 831 784	1 693 178	1 737 360	1 600 130	1 525 925	1 525 460
Electrical machinery	12 483 948	1 162 510	1 128 788	1 144 937	1 061 387	1 026 605	1 046 249
Motor vehicles, parts and accessories	33 494 009	3 641 006	2 997 445	3 080 978	3 094 375	2 825 371	2 614 462
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	141 787	136 826	132 688	136 457	112 280	128 722
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 062 635	97 150	89 092	95 836	89 612	84 394	88 291
Other manufacturing industries	3 233 095	404 430	299 018	344 450	316 952	290 189	270 575

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

Selected Manufacturing Subgroups	R1 000					
	Actual values			Seasonally adjusted values		
	October	September 1996	September save October 1995	October 1996	September 1996	October 1995
Spinning, weaving and finishing of textiles	314 212	311 978	332 057	313 624	290 303	331 332
Soft furnishings	70 408	76 204	76 535	68 891	74 406	74 586
Tents, tarpaulins, sails and other canvas goods and automotive textiles	9 926	10 064	7 900	10 221	10 040	8 113
Knitting mills	188 593	192 024	180 035	171 374	172 139	163 818
Clothing	1 173 396	1 174 848	1 084 552	1 106 237	1 098 521	1 024 893
Sawmilling from the round log	22 244	22 262	24 652	22 406	22 478	24 683
Board - laminated, plywood, particle, etc.	40 279	41 552	29 431	35 287	35 615	25 651
Carpentry and joinery and other sawmill products	44 816	36 557	33 697	40 713	37 381	30 730
Furniture (wood)	448 483	378 402	397 202	336 308	299 782	296 110
Pulp, paper and paperboard	247 340	254 505	170 663	248 994	273 471	171 224
Light and heavy packaging	351 822	352 581	354 450	313 374	348 191	314 696
Paints and varnishes	21 344	12 623	22 772	17 564	12 687	19 053
Basic iron and steel industries	2 864 747	2 802 464	2 649 059	2 761 505	2 764 581	2 558 464
Steel pipe and tube mills	420 823	350 088	282 726	448 779	397 504	302 393
Basic non-ferrous metal industries	661 255	747 995	624 177	687 705	719 773	644 007
General hardware, handtools and cutlery	27 820	24 139	30 215	26 932	25 464	29 114
Furniture (metal)	42 216	45 479	61 935	40 465	44 323	58 376
Structural metal products	1 375 666	1 259 867	1 228 067	1 325 785	1 303 384	1 187 771
Tinware	73 650	65 868	65 021	72 566	64 262	63 888
Cables and wire products	64 748	54 547	78 390	60 824	57 687	73 723
Headed and threaded articles	86 014	78 998	95 563	91 566	84 189	102 265
All other metal products	951 068	1 060 858	962 841	992 927	1 134 748	1 004 916
Electrical industrial machinery and apparatus	868 385	904 258	976 835	868 582	907 344	975 028
Radio, television and communication equipment	699 296	673 949	873 981	700 699	683 808	881 211
Electrical appliances and housewares	25 380	26 546	13 445	26 363	27 317	13 709
Insulated wire and cables	164 426	167 265	236 259	160 784	167 362	228 142
Dry and wet cell batteries	10 438	10 749	10 736	11 576	10 761	11 945
Other electrical goods	67 585	68 812	69 618	60 296	65 019	62 789
Motor vehicles	1 907 049	2 137 477	1 660 581	1 962 123	2 006 436	1 699 239
Motor vehicle parts	453 744	468 023	367 048	474 082	479 970	385 085

* Revised