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**Manufacturing:
production and sales
April 1996**

Statistical release P3041.2

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DECLINING TREND IN MANUFACTURING PRODUCTION CURBED

Manufacturing production levelled off in the first four months of 1996 after the sharp downward trend during the second half of 1995. The total production reported for the period January to April 1996 is equal to that for the corresponding months of 1995.

Due to an exceptionally high figure for January 1996, the seasonally adjusted production for the three months up to April 1996 is however 1,8% lower than for the preceding three months. Despite this decrease, the index for the physical volume of manufacturing production for February to April 1996 showed improved production in 12 of the 28 major groups compared to the previous three months, bringing to a halt the downward trend shown in the second half of 1995. Increased production in the rubber (+0,3 of a percentage point), non-ferrous metal products (+0,2 of a percentage point), electrical machinery (+0,2 of a percentage point) and transport equipment industries (+0,2 of a percentage point) contributed the most to this effect.

The seasonally adjusted value of sales of manufactured products for the three months up to April 1996 increased slightly by 0,6% (R435 million) compared with the previous three months. Marked increases were recorded by the food (+R314 million) and motor vehicle industries (+R303 million). The paper (-R362 million), metal products (-R456 million) and machinery industries (-R226 million) however experienced significant decreases in sales.

SUMMARY - TOTAL MANUFACTURING

Period	Production indices	Sales	Percentage change of:	
	1990 = 100	R mill.	Production indices	Sales
Actual				
Feb. 1996 - Apr. 1996	100,3	78 053,1	-0,9	+8,6
Feb. 1995 - Apr. 1995	101,2	71 896,2		
Seasonally adjusted				
Feb. 1996 - Apr. 1996	100,8	78 667,3	-1,8	+0,6
Nov. 1995 - Jan. 1996	102,6	78 232,2		

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Dr F M Orkin

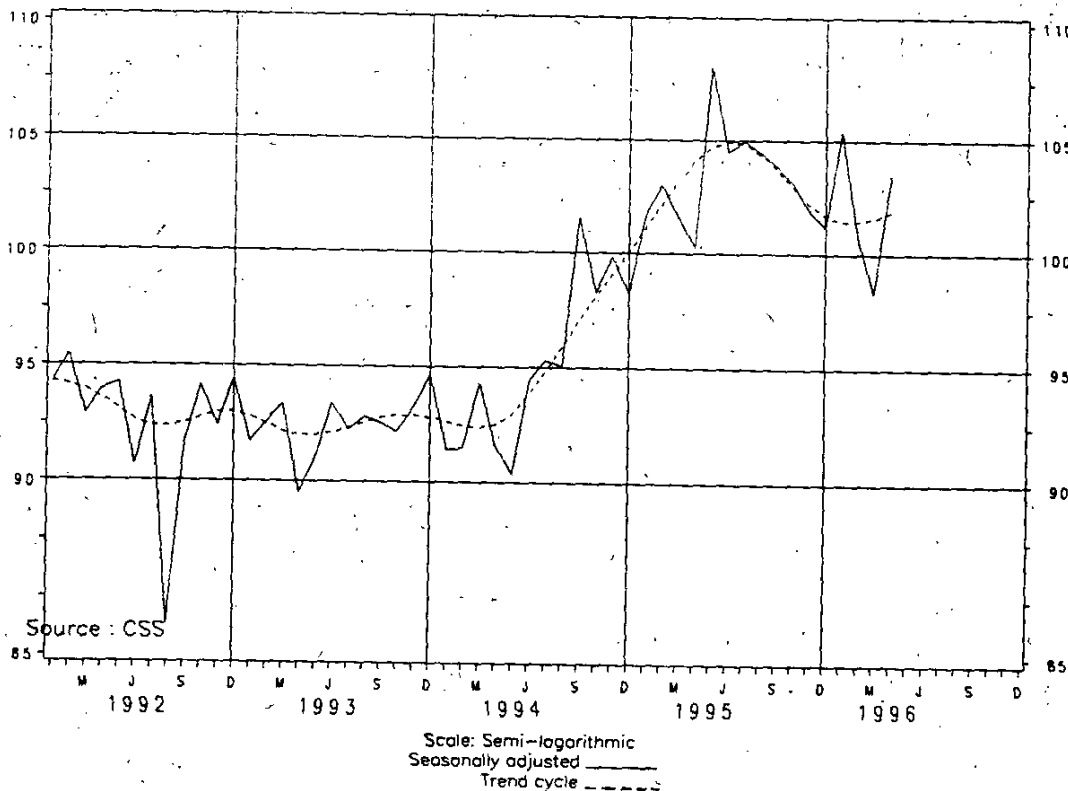
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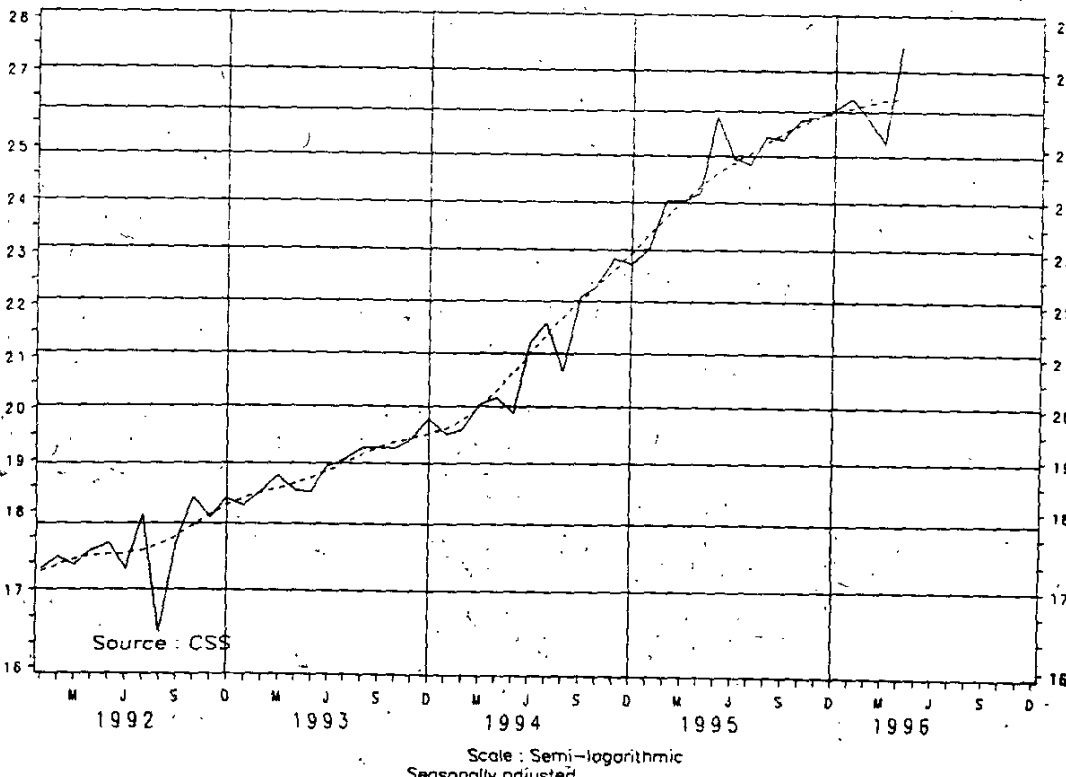
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MANUFACTURING
PHYSICAL VOLUME OF PRODUCTION
BASE: 1990=100
INDEX



MANUFACTURING
VALUE OF SALES
R MILLION



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*
ACTUAL INDICES							
J	84.6	82.7	79.7	77.5	77.1	84.5	87.4*
F	99.2	95.5	95.2	92.6	91.6	101.6	99.2*
M	107.1	100.3	99.0	100.4	100.4	107.4	104.2*
A	95.8	97.8	89.8	85.8	87.4	94.6	97.4
M	98.7	94.6	92.6	89.8	89.0	104.7	
J	104.3	97.6	93.4	95.4	96.0	105.5	
J	98.9	96.5	94.3	94.3	97.2	106.3	
A	105.5	99.4	89.0	96.3	98.0	106.8	
S	102.9	100.8	96.8	97.7	106.2	108.5	
O	107.4	103.7	103.6	102.2	108.3	113.2*	
N	111.7	104.7	103.7	104.9	111.7	114.0	
D	84.0	83.0	83.6	84.1	87.1	89.5*	
YEAR	100.0	96.4	93.5	93.3	95.8	103.1	
SEASONALLY ADJUSTED INDICES							
J	99.5	97.8	94.8	92.7	92.4	101.5	105.1
F	100.1	96.2	95.9	93.4	92.5	102.8	100.6
M	101.6	94.9	93.6	94.0	94.9	101.5	98.5
A	99.7	102.5	94.6	90.8	92.5	100.2	103.2
M	101.3	96.9	94.8	92.1	91.5	107.8	
J	101.5	95.5	91.8	94.1	94.9	104.2	
J	98.5	96.0	94.3	93.1	95.8	104.7	
A	101.5	95.8	86.2	93.6	95.5	104.2	
S	97.7	96.2	92.6	93.4	101.4	103.6	
O	99.4	95.4	94.7	93.0	98.4	102.8	
N	101.5	94.6	93.3	94.0	99.8	101.7	
D	96.4	94.8	95.0	95.2	98.4	101.1	

* 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		1995		1996		1995	
		1995	1996	April	March*	April	1995	April	March	April	1995
TOTAL	100.0	103.1	97.4	104.2	94.6	103.2	98.5	100.2	100.2	100.2	100.2
Food	12.1	94.1	91.5	97.0	84.3	91.8	93.6	84.3	91.8	93.6	84.3
Beverages	4.7	93.2	82.6	97.8	81.1	93.2	90.3	91.1	93.2	90.3	91.1
Tobacco products	0.5	85.6	81.4	84.0	63.5	89.4	75.6	69.6	89.4	75.6	69.6
Textiles	3.6	101.0	104.2	104.3	100.4	106.7	94.2	102.6	106.7	94.2	102.6
Wearing apparel, excluding footwear	3.0	111.6	102.1	115.8	106.2	109.9	106.9	114.3	109.9	106.9	114.3
Leather and leather product	0.4	109.7	99.0	104.7	120.7	100.4	100.9	123.0	100.4	100.9	123.0
Footwear	1.1	83.3	66.4	74.7	79.5	73.7	69.3	87.7	73.7	69.3	87.7
Wood and wood products, excluding furniture	1.9	102.5	94.0	103.4	100.3	102.1	98.5	108.8	102.1	98.5	108.8
Furniture (wood)	1.6	103.4	92.4	107.4	85.2	105.5	105.8	96.6	105.5	105.8	96.6
Paper and paper products	4.8	112.7	93.5	93.2	101.1	101.6	97.6	110.1	101.6	97.6	110.1
Printing and publishing	3.7	99.1	95.9	105.4	89.9	103.0	99.0	96.4	103.0	99.0	96.4
Industrial chemicals	5.5	103.1	94.7	100.7	94.5	104.2	103.1	104.2	104.2	103.1	104.2
Chemical products, excluding products of petroleum and coal	5.9	105.7	106.1	118.3	99.3	110.2	108.5	103.0	110.2	108.5	103.0
Products of petroleum and coal	6.5	140.2	139.6	133.6	145.3	135.6	149.1	140.8	135.6	149.1	140.8
Rubber products	1.6	96.0	90.3	93.0	89.2	99.4	95.6	96.3	99.4	95.6	96.3
Plastic products	2.6	115.6	108.5	117.0	109.2	116.6	111.8	116.6	116.6	111.8	116.6
Pottery	0.2	84.8	74.5	88.4	93.4	75.4	87.9	95.2	75.4	87.9	95.2
Glass and glass products	1.2	96.8	88.8	87.5	101.7	88.2	90.3	101.4	88.2	90.3	101.4
Other non-metallic mineral products	3.3	94.3	89.5	96.5	85.8	97.5	92.0	93.0	97.5	92.0	93.0
Basic iron and steel industries	6.6	95.7	80.9	86.5	87.8	90.3	91.1	97.4	90.3	91.1	97.4
Basic non-ferrous metal industries	2.1	123.5	171.6	178.3	96.2	172.8	161.7	97.1	172.8	161.7	97.1
Metal products, excluding machinery and equipment	7.2	97.7	89.9	103.7	88.2	98.7	94.8	96.5	98.7	94.8	96.5
Electrical machinery	6.1	97.3	99.1	113.1	86.4	112.6	93.3	98.8	112.6	93.3	98.8
Motor vehicles, parts and accessories	4.6	98.9	94.0	99.2	79.6	109.3	83.6	92.4	109.3	83.6	92.4
Transport equipment, excluding motor vehicles, parts and accessories	6.4	115.0	94.8	97.4	107.0	102.6	88.4	115.5	102.6	88.4	115.5
Professional and scientific measuring and controlling equipment and photographic and optical goods	1.3	51.5	53.9	57.9	41.2	62.5	53.7	47.6	62.5	53.7	47.6
Other manufacturing industries	0.4	114.9	89.0	103.1	96.7	95.8	95.8	103.5	95.8	95.8	103.5
	1.1	78.6	77.7	86.0	64.6	90.8	80.7	75.0	90.8	80.7	75.0

* Revised

TABLE 3 - VALUE OF SALES - MANUFACTURING - TOTAL 1/
HISTORICAL TABLE
R1 000

Month	1990	1991	1992	1993	1994	1995	1996
	ACTUAL VALUES						
J	12 344 911	13 708 350	14 272 233	14 998 362	15 912 227	18 700 767	21 322 488
F	14 855 596	16 199 300	17 283 659	18 333 144	19 357 694	23 673 858	25 417 276
M	16 227 765	17 342 242	18 525 218	20 150 829	21 551 931	25 924 205	27 277 558
A	14 608 814	16 772 148	16 505 479	17 254 205	18 651 788	22 298 150	25 358 316
M	15 348 016	16 477 477	17 231 407	18 012 419	19 233 392	24 995 708	
J	16 090 710	16 958 515	17 538 365	19 268 744	21 525 205	25 441 625	
J	15 440 139	17 036 380	18 214 731	19 213 267	21 741 546	25 036 272	
A	16 748 459	17 675 490	17 005 339	19 995 824	21 413 529	26 368 156	
S	16 394 505	18 123 577	18 710 826	20 413 391	23 362 473	26 878 259	
O	17 415 854	18 608 654	20 155 870	21 183 241	24 565 955	28 453 856	
N	18 190 996	18 784 906	20 129 846	21 707 573	25 567 815	29 031 202	
D	13 719 535	14 972 366	16 227 436	17 499 456	20 152 607	23 111 684	
YEAR	187 385 300	202 659 405	211 800 409	228 030 455	253 036 162	299 913 742	
	SEASONALLY ADJUSTED VALUES						
J	14 678 937	16 434 160	17 266 526	18 294 361	19 516 976	23 018 279	26 301 590
F	15 053 493	16 384 332	17 462 297	18 534 978	19 588 800	24 011 950	25 819 815
M	15 310 509	16 292 004	17 345 287	18 794 772	20 024 594	24 029 363	25 273 497
A	15 261 311	17 681 520	17 564 488	18 535 046	20 147 004	24 185 432	27 573 950
M	15 752 491	16 883 006	17 680 025	18 522 229	19 861 580	25 867 283	
J	15 827 623	16 701 880	17 269 546	18 963 173	21 162 933	24 966 237	
J	15 444 187	17 006 868	18 130 724	19 063 031	21 549 943	24 805 339	
A	16 030 724	16 951 096	16 349 057	19 261 267	20 648 850	25 423 925	
S	15 443 752	17 104 145	17 674 832	19 280 564	22 057 738	25 370 060	
O	16 078 677	17 094 350	18 413 825	19 265 646	22 290 978	25 801 385	
N	16 477 263	16 929 412	18 074 294	19 424 825	22 834 417	25 890 715	
D	15 661 873	17 034 841	18 396 163	19 772 313	22 718 917	26 039 873	

1/ Revised due to reclassifications

TABLE 4 - VALUE OF SALES - MANUFACTURING MAJOR GROUPS

Manufacturing Major groups	Year	Actual values				Seasonally adjusted values			
		1995*		1996		1996		1995	
		April	March*	April*	March	April	March	April	March
TOTAL	299 913 742	25 358 316	27 277 558	22 298 150	27 573 950	25 273 497	24 185 432		
Food	41 405 791	3 946 593	3 896 340	3 390 280	3 875 564	3 783 071	3 330 761		
Beverages	15 766 054	1 235 544	1 415 595	1 143 368	1 361 706	1 300 001	1 252 129		
Tobacco products	3 128 951	248 696	264 499	194 392	273 098	243 977	212 609		
Textiles	10 129 214	855 155	944 051	810 422	876 466	843 510	829 044		
Wearing apparel, excluding footwear	7 811 048	675 842	768 938	648 783	695 472	689 198	668 237		
Leather and leather product	1 548 661	128 119	124 933	139 810	129 156	123 072	141 694		
Footwear	2 442 704	159 935	198 847	180 087	183 232	180 652	204 382		
Wood and wood products, excluding furniture	4 389 603	365 752	389 905	320 961	398 867	372 459	349 225		
Furniture (wood)	4 382 436	348 346	383 700	281 031	403 331	383 919	322 446		
Paper and paper products	15 727 827	1 190 956	1 256 684	1 115 468	1 317 144	1 299 828	1 235 171		
Printing and publishing	9 252 527	784 974	894 720	686 067	840 912	831 450	732 825		
Industrial chemicals	15 296 437	1 273 670	1 333 712	1 118 036	1 402 981	1 364 151	1 232 724		
Chemical products, excluding products of petroleum and coal	15 874 666	1 417 557	1 579 336	1 218 947	1 476 680	1 445 079	1 268 008		
Products of petroleum and coal	16 180 255	1 383 289	1 424 725	1 324 391	1 413 944	1 490 692	1 352 461		
Rubber products	3 635 758	318 039	331 663	274 539	335 298	333 210	290 554		
Plastic products	8 082 685	675 616	707 865	618 902	716 283	678 567	657 605		
Pottery	285 938	20 952	26 893	26 818	21 502	25 571	27 681		
Glass and glass products	2 374 260	186 346	179 717	190 117	187 392	186 829	191 604		
Other non-metallic mineral products	7 621 978	645 934	674 938	557 306	712 631	643 316	611 095		
Basic iron and steel industries	19 118 653	1 553 315	1 643 704	1 335 742	1 685 941	1 691 353	1 443 620		
Basic non-ferrous metal industries	7 159 061	774 550	814 401	470 945	783 912	731 427	478 202		
Metal products, excluding machinery	20 277 587	1 617 458	1 761 269	1 479 054	1 800 845	1 609 886	1 639 573		
Machinery and equipment	16 266 480	1 404 962	1 753 103	1 115 110	1 657 145	1 455 641	1 317 803		
Electrical machinery	12 460 170	1 011 134	1 211 454	854 603	1 209 018	1 004 509	1 016 787		
Motor vehicles, parts and accessories	33 494 009	2 684 003	2 768 843	2 415 453	2 946 478	2 512 796	2 642 382		
Transport equipment, excluding motor vehicles, parts and accessories	1 501 637	87 206	127 686	81 903	123 505	85 369	114 036		
Professional and scientific measuring and controlling equipment and photographic and optical goods	1 061 667	73 317	81 566	75 206	78 442	73 319	80 066		
Other manufacturing industries	3 237 685	291 056	318 471	230 409	335 552	302 215	264 048		

* Revised

TABLE 5 - VALUE OF UNFILLED ORDERS - SELECTED SUBGROUPS

Selected Manufacturing Subgroups	R1 000							
	Actual values				Seasonally adjusted values			
	1996		1995		1996		1995	
	April	March	April	March	April	March	April	March
Spinning, weaving and finishing of textiles	291 931	287 139	415 128	291 384	295 599	291 384	421 637	421 637
Soft furnishings	72 779	77 881*	61 718	74 829	72 834	74 829	61 900	61 900
Tents, tarpaulins, sails and other canvas goods, and automotive textiles	13 729	10 781	11 444	12 170	12 983	12 170	10 796	10 796
Knitting mills	126 776	143 686	179 467	137 036	131 526	137 036	186 271	186 271
Clothing	1 120 779	993 892	1 173 247	1 038 640	1 086 181	1 038 640	1 137 505	1 137 505
Sawmilling from the round log	10 675	11 774	14 876	12 497	10 964	12 497	15 170	15 170
Board - laminated, plywood, particle, etc.	32 686	32 019	27 916	35 108	36 181	35 108	30 447	30 447
Carpentry and joinery and other sawmill products	25 842	25 448*	41 556	24 753	25 377	24 753	40 889	40 889
Furniture (wood)	251 849	253 226	225 250	283 049	285 446	283 049	254 105	254 105
Pulp, paper and paperboard	174 305	170 821	161 121	153 704	170 356	153 704	159 185	159 185
Light and heavy packaging	309 171	318 147	289 164	323 503	325 691	323 503	304 397	304 397
Paints and varnishes	22 686	13 168	14 020	12 263	23 119	12 263	14 274	14 274
Basic iron and steel industries	2 712 087	2 517 088	2 985 903	2 518 320	2 679 023	2 518 320	2 935 635	2 935 635
Steel pipe and tube mills	221 036	243 968	269 610	247 224	238 936	247 224	288 723	288 723
Basic non-ferrous metal industries	669 209	630 954	736 270	656 799	691 686	656 799	761 584	761 584
General hardware, handtools and cutlery	28 318	33 762	36 565	33 258	29 706	33 258	38 242	38 242
Furniture (metal)	54 829	51 734	47 423	47 504	50 367	47 504	44 599	44 599
Structural metal products	1 281 569	1 290 905	1 083 587	1 286 270	1 291 429	1 286 270	1 088 554	1 088 554
Wire	61 947	69 417	74 819	67 662	61 626	67 662	74 015	74 015
Cables and wire products	89 299	75 182	176 895	76 790	93 141	76 790	183 289	183 289
Headed and threaded articles	114 657	111 012	93 702	104 526	102 942	104 526	85 382	85 382
All other metal products	1 150 091	1 182 667	1 108 978	1 094 218	1 049 458	1 094 218	1 005 162	1 005 162
Electrical industrial machinery and apparatus	928 876	946 897	895 676	902 323	931 304	902 323	896 644	896 644
Radio, television and communication equipment	821 557	816 050*	764 423	860 115	832 494	860 115	765 075	765 075
Electrical appliances and housewares	28 713	26 954*	19 975	23 936	27 853	23 936	19 463	19 463
Insulated wire and cables	196 071	218 267	264 738	239 167	209 717	239 167	283 698	283 698
Dry and wet cell batteries	9 399	11 281	7 717	9 633	8 737	9 633	7 062	7 062
Other electrical goods	64 867	73 525	48 150	81 300	71 269	81 300	52 104	52 104
Motor vehicles	2 242 100	1 952 761*	2 433 841	1 933 490	1 994 635	1 933 490	2 183 761	2 183 761
Motor vehicle parts	441 727	415 286	446 123	407 013	417 996	407 013	422 016	422 016

* Revised