



**Statistics
South Africa**

Census of manufacturing, 1996

Materials purchased and manufactures sold

Report No. 30-01-03 (1996)

Preface

This report contains the detailed results of the 1996 Census of Manufacturing undertaken in the Republic of South Africa regarding materials purchased and manufactures sold. The results of this census are used for the purpose of compiling South Africa's National Accounts e.g. the supply and use tables. Furthermore, the results are extensively used by the private sector. The information relates to private establishments, public corporations and government enterprises, and is reflected according to manufacturing divisions and major groups.

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Table 1 - Materials purchased: Food products

Description	1993	1996
	Value	
	R'000	
Livestock	867 845	2 016 070
Carcases (fresh, chilled or frozen) and processed or semi-processed meat (including minced meat)	678 413	1 030 064
Abattoir offal		
Not processed (including carcasses)	89 359	182 218
Processed		
Bone, carcass and bloodmeal	16 654	36 873
Other (e.g. gelatine, natural sausage casings)	35 834	48 277
Fat		
Butter	62 174	55 752
Margarine and other vegetable fat	168 787	270 049
Other animal fat	92 243	103 218
Milk and milk products		
Fresh milk		
Full-cream	1 565 794	1 815 524
Skimmed	41 472	89 409
Other milk and milk products	234 038	592 338
Fruit		
Processed (e.g. juices, squashes, pulp, puree and jam)	321 859	312 906
Other (e.g. fresh fruit)	430 459	570 931
Vegetables		
Fresh, dried, tinned or otherwise processed	306 637	483 102
Fish and fish products	303 840	266 915

Table 1 - Materials purchased: Food products (continued)

Description	1993	1996
	Value	
	R'000	
Molluscs and crustaceans		
Fresh and frozen	17 937	38 891
Edible oil		
Vegetable	529 460	1 055 144
Other edible oil (e.g. fish oil)	146 111	190 197
Oilseed cake and meal	250 022	318 783
Seeds, excluding nuts (e.g. sunflower, cotton)	664 070	878 510
Grain (e.g. mealies, wheat, rice and barley)		
Not processed (whole)	4 810 742	6 476 921
Processed (e.g. meal, bran, crushed, polished, split and germ)	1 766 410	2 192 992
Bakery products	15 143	20 651
Sugar cane and raw sugar for refining	1 309 144	1 853 511
Sweeteners		
Sugar (e.g. granulated, castor and icing)	585 837	1 013 961
Golden syrup, molasses and treacle	158 998	164 498
Corn syrups (e.g. glucose)	123 242	167 609
Honey	2 040	3 389
Other sweeteners		
Natural	36 859	90 454
Synthetic	39 155	64 514

Table 1 - Materials purchased: Food products (concluded)

Description	1993	1996
	Value	
	R'000	
Cocoa		
Beans	30 287	58 773
Powder and butter	58 363	89 239
Coverture (e.g. chocolate)	26 079	32 329
Nuts		
In the shell	48 436	76 361
Shelled	134 714	178 338
Eggs	14 030	23 434
Coffee beans	82 560	145 118
Chicory (root and ground)	24 781	36 256
Tea		
Rooibos and other teas	153 365	170 424
Lucern, hay, grass, etc.	204 278	571 596
Salt, not refined	85 755	87 379
Salt (table and otherwise processed)	34 032	64 736
Other food products not elsewhere classified	650 728	982 310

Table 2 - Materials purchased: Beverages

Description	1993	1996
	Value	
	R'000	
Wine for further processing	353 712	777 743
Spirits, including liqueur	195 434	197 689
Malt, hops and brewing	729 051	846 619
Beverage bases and concentrates	705 184	974 075
Water (included in final product)	56 903	78 270

Table 3 - Materials purchased: Textiles

Description	1993	1996
	Value	
	R'000	
Fibres		
Animal fibres		
Sheep's or lamb's wool		
Grease wool	137 784	215 152
Scoured and/or carbonised and/or carded and/or combed	60 124	54 159
Other	20 049	53 038
Vegetable fibres	287 409	469 733
Man-made fibres	360 759	645 902
Reclaimed textiles	29 916	41 484
Yarn for spinning, weaving and knitting	1 239 008	1 771 298
Other yarn (e.g. sewing thread, elastomeric yarn)	183 984	377 829
Textile fabrics		
Woven textile fabrics, not coated, excluding narrow fabrics	1 642 282	3 340 338
Knitted textile fabrics, not coated	309 128	446 913
Textile fabrics, coated, excluding artificial leather	231 561	443 063
Other textile fabrics	225 933	226 044
Padding and wadding	159 586	189 368
Felt and underfelt	41 360	57 608
Fur and furskins	1 413	744

Table 3 - Materials purchased: Textiles (concluded)

Description	1993	1996
	Value	
	R'000	
Hat shapes	10 625	2 915
Carpets and rugs	114 147	330 366
Rope, cables, twine and wick	18 177	26 142

Table 4 - Materials purchased: Leather and leather products

Description	1993	1996
	Value	
	R'000	
Hides and skins	457 142	1 050 298
Leather		
Natural		
Shaped	82 002	188 724
Unshaped	385 684	508 227
Artificial	54 689	83 717
Footwear parts	153 747	170 291

Table 5 - Materials purchased: Wood and wood products, including cork and furniture

Description	1993	1996
	Value	
	R'000	
Wood Logs, etc	1 267 516	1 920 904
Wood products, (e.g. sawmill products, boards, wood veneers, plywood)	1 236 031	2 074 238
Wattlebark	46 636	37 063
Cane, osier, etc.	6 795	7 791
Straw, raffia, etc.	1 140	788
Wood pulp	696 299	1 121 976
Furniture (wood)	4 457	3 805

Table 6 - Materials purchased: Paper and paper products and printing matter

Description	1993	1996
	Value	
	R'000	
Paper and paper products		
Paper	3 198 395	5 283 934
Board (e.g. paperboard, fibreboard, corrugated board)	785 220	1 417 783
Other paper products	226 112	732 387
Blocks for printing, lithographic plates and the like	105 119	228 840
Printed matter for further processing or inclusion in final product	87 094	188 697

Table 7 - Materials purchased: Coke and refined petroleum products

Description	1993	1996
	Value	
	R'000	
Coal	1 931 443	3 455 498
Crude petroleum and natural gas	2 837 984	3 188 182
Petroleum and coal products	1 443 697	2 303 242
Reclaimed petroleum products	26 123	45 539

Table 8 - Materials purchased: Chemical and chemical products

Description	1993	1996
	Value	
	R'000	
Minerals for chemicals and fertilizers		
Phosphates	421 159	844 423
Other (e.g. nitrate minerals, fluorspar and potash)	598 898	714 655
Industrial chemicals		
Pesticides, insecticides, fungicides and herbicides	431 592	471 013
Resins		
Natural	344 742	350 480
Synthetic	526 746	1 465 987
Other basic industrial chemicals		
Inorganic chemicals and compounds	2 638 034	4 946 756
Organic chemicals and compounds	2 430 923	3 485 346
Plastic materials		
Raw materials (e.g. powder and granules)	1 997 497	3 434 700
Other chemical products		
Paints, varnishes and lacquers	525 931	841 635
Medicinal and pharmaceutical preparations	823 131	1 652 568
Perfumes	221 203	219 683
Other chemical products, (e.g. polish, ink, adhesives)	1 726 493	1 236 595

Table 9 - Materials purchased: Rubber and plastic products

Description	1993	1996
	Value	
	R'000	
Rubber		
Rubber not processed		
Natural	240 150	606 283
Synthetic	377 920	614 570
Reclaimed rubber	30 176	94 897
Rubber products (e.g. tyre cases, tyres and tubes)	396 238	567 995
Plastic products, including reclaimed plastic	1 049 249	1 694 208

Table 10 - Materials purchased: Non-metallic mineral products

Description	1993	1996
	Value	
	R'000	
Stone, clay and sand (e.g. granite, limestone)	1 012 176	1 911 614
Non-metallic minerals (e.g. asbestos, gypsum, mica)	496 619	572 200
Glass and glass products, including glass fibres	446 659	795 235
Non-metallic mineral products		
Cement (portland and similar)	302 993	464 655
Boiler ash, clinker and blast-furnace slag	124 073	120 717
Non-metallic mineral products (e.g. composite sheets, cement products, slate products)	75 905	105 019

Table 11 - Materials purchased: Basic metals

Description	1993	1996
	Value	
	R'000	
Metal ore		
Iron ore	631 870	1 653 911
Non-ferrous ore (e.g. chrome, copper, manganese)	1 555 848	1 954 868
Basic iron and steel, including stainless steel		
Scrap	494 534	1 223 489
Primary products (e.g. ingots, billets, blooms, pigs and lumps)	528 460	2 473 167
Profile products (e.g. sections, bars, rods, wire rod and wire)	2 706 080	7 034 032
Flat type products (e.g. sheets, plates, strip and hoop)	4 817 244	9 534 151
Other	283 913	518 724
Basic non-ferrous metals, excluding precious metals		
Scrap	403 287	486 264
Primary products (e.g. ingots, billets, blooms, pigs and lumps)	970 300	2 645 642
Profile products (e.g. sections, bars, rods, wire rod and wire)	963 121	1 806 219
Flat type products (e.g. sheets, plates, strip and hoop)	637 942	1 121 691
Other	588 108	407 048
Precious metals	167 329	365 892

Table 12 - Materials purchased: Fabricated metal products

Description	1993	1996
	Value	
	R'000	
General hardware (e.g. lock and key sets, angle brackets and door handles)	171 234	414 333
Structural metal products (e.g. builders' hardware, structural steel works, boilers)	162 768	123 875
Springs and leaves therefore, including torsion bars	123 932	358 614
Headed and threaded articles	114 150	400 688
Other fabricated metal products (e.g. washers, valve and pipe fittings and small metal wares)	523 841	1 084 292

Table 13 - Materials purchased: Machinery and equipment

Description	1993	1996
	Value	
	R'000	
Engines, turbines and parts therefore, including reconditioned engines and sub-assemblies	953 724	1 305 886
Other specialised components mainly of metal, for -		
Metal and woodworking machinery	10 874	35 392
Special industrial machinery	96 748	95 813
Washing machines, refrigerators, stoves and ovens	78 511	155 139
Tractors, including agricultural tractors	43 378	31 812
Air conditioning, ventilation and refrigeration, excluding ducting	86 782	127 106
All other machinery	350 150	632 283

Table 14 - Materials purchased: Electrical machinery and apparatus

Description	1993	1996
	Value	
	R'000	
Electrical units and parts for machinery, apparatus, appliances and supplies for -		
Industrial machinery and apparatus, including motor vehicles	343 357	397 098
Electronic components	1 741 520	2 375 384
Electrical appliances and housewares	91 406	150 496
Insulated wire and cables	333 664	788 597
Other electrical products	469 011	1 249 349

Table 15 - Materials purchased: Medical, precision and optical instruments, watches and clocks

Description	1993	1996
	Value	
	R'000	
Professional, scientific, measuring and controlling equipment and parts		
Lenses	31 730	44 443
Spectacle frames and parts specially for optical and photographic equipment	5 137	11 846
Parts and components specifically for- Professional, scientific, measuring and controlling equipment, not elsewhere classified	23 789	91 753
Surgical, medical and dental supplies and parts	14 474	33 126

Table 16 - Materials purchased: Transport equipment

Description	1993	1996
	Value	
	R'000	
Parts and accessories for motor vehicles, not elsewhere classified		
Caravan, trailer and vehicle bodies	343 393	969 575
Radiators, cores and radiator tanks	41 111	73 229
Other motor vehicle parts and accessories, including new engines and imported components and reconditioned motor vehicle parts	5 783 289	14 957 267
Units and parts specifically for ships and boats	24 065	19 914
Units and parts specially for railroad equipment, aircraft and other transport equipment	144 652	293 451

Table 17 - Materials purchased: Jewellery and related articles

Description	1993	1996
	Value	
	R'000	
Precious and semi-precious stones, not cut or polished		
Diamonds	805 085	1 113 246
Other	7 242	7 356
Precious and semi-precious stones, cut or polished and pearls	26 636	47 201
Jewellery parts (e.g. clasps, predominantly of precious metal)	7 663	9 225

Table 18 - Materials purchased: Materials not elsewhere classified

Description	1993	1996
	Value	
	R'000	
Ostrich feathers and ivory	8 465	5 025
Fasteners (e.g. zips, buttons, buckles and the like)	116 972	171 901
Decorations and novelties	20 835	36 594
Other materials	5 575 870	11 325 700

Table 19 - Food products sold: Meat and meat products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Carcases and cuts - fresh, chilled or frozen					
Meat of bovine animals	kg	79 858	460 612	79 135	654 284
Meat of swine	kg	15 171	81 064	22 127	146 248
Meat of sheep and lamb	kg	15 151	131 959	24 007	256 119
Edible offal, excluding poultry offal	kg	22 978	63 763	30 057	116 526
Poultry, including edible poultry offal	kg	144 915	776 018	304 643	2 160 931
Venison and other meat	kg	5 037	33 677	5 271	52 444
Processed meat					
Sausages and polony - not tinned					
Pork sausages	kg	3 913	47 084	4 605	46 763
Beef sausages	kg	1 699	19 764	1 260	11 562
Boerewors	kg	3 244	33 676	1 696	21 853
Vienna type	kg	17 279	126 521	20 970	144 151
Frankfurter	kg	1 071	11 158	1 821	26 053
Russian	kg	5 323	46 398	5 363	64 840
Salami type	kg	796	11 052	1 051	19 613
Polony	kg	27 522	139 613	37 023	230 886
Other	kg	718	9 256	2 000	25 020
Sausages - tinned (e.g. vienna type)	kg	3 169	21 407	2 640	19 982
Meat - processed but not tinned					
Bacon (sliced and not sliced)	kg	9 579	140 247	9 103	127 466
Ham					
Smoked	kg	820	11 283	1 160	16 775
Cooked	kg	3 862	56 214	3 559	48 832
Pizzas and recipe dishes	kg	1 492	5 774	1 708	12 747
Pies					
Sausage rolls	Number	38 595	57 110	39 484	60 313
Meat pies (single portion type)	Number	72 128	101 377	73 383	138 769

Table 19 - Food products sold: Meat and meat products (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Other, containing meat	Number	28 634	18 626	28 126	53 380
Other processed meat, not tinned, for human consumption	Value only	-	66 561	-	156 143
Meat - processed and tinned					
Corned beef, corned meat and other stewed and braised meat	kg	9 708	66 546	11 850	112 068
Meat loaves, luncheon meat, ham and other tinned meat	Value only	-	19 322	-	20 640
Animal fats and oils (including solidified and hardened)	kg	..	..	6 469	14 810
Casings (natural)	Value only	-	19 312	-	35 584

Table 20 - Food products sold: Fish and fish products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Fish - whole, cuts and fillets					
Fresh or chilled (hake and other)	kg	5 309	23 638	13 689	72 517
Frozen (hake or other)	kg	82 321	497 207	68 324	623 553
Salted, dried or smoked (e.g. snoek, haddock and trout)	kg	3 160	25 165	1 264	15 124
Prepared or preserved fish					
Pilchards (tinned)	kg	29 297	102 925	42 867	230 970
Other prepared or preserved fish	Value only	-	53 328	-	54 992
Crustaceans					
Frozen lobsters	kg	957	38 862	963	57 664
Other crustaceans (e.g. prawns and boiled lobster)	kg	772	37 060	877	42 540
Fish body oil - crude and refined	t	10	7 596	5	6 038
Fish meal and other fish products (e.g. fish offal and bait)	t	100	154 958	86	157 820

Table 21 - Food products sold: Processed and preserved fruit and vegetables

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Frozen vegetables					
Peas and beans	kg	17 320	117 058	16 473	130 794
Carrots, potato chips and cauliflower	kg	34 119	158 335	34 679	179 782
Other vegetables (e.g. mushrooms and mixed vegetables)	kg	21 739	112 701	18 280	109 574
Vegetables, tinned or bottled					
Beans, baked, green and other beans	kg	23 857	55 287	40 825	116 912
Sweet corn, mushrooms and asparagus	kg	11 063	42 800	12 202	60 103
Other (e.g. mixed vegetables and peas)	Value only	-	74 803	-	105 429
Dehydrated and dried vegetables	Value only	-	53 464	-	43 400
Jams					
Apricot	kg	12 407	37 550	11 738	36 948
Mixed fruit	kg	7 832	19 729	5 325	15 859
Other, including watermelon, tomato, grape, pineapple and plum	kg	12 085	36 840	9 152	39 619
Fruit, canned or bottled, excluding infant foods					
Apricots	kg	26 456	69 357	25 593	73 823
Peaches	kg	54 831	116 951	70 500	229 650
Pears	kg	29 013	72 387	21 977	65 448
Guavas	kg	2 796	8 502	2 357	7 449
Tomatoes, puree, paste and other	kg	14 225	59 300	17 533	93 786
Fruit cocktail	kg	47 030	146 236	50 287	161 628
Other, including fruit salad, apples and pineapples	kg	29 497	78 750	32 291	93 355
Fruit juices and drinks (in ready-to-drink form)					
Fruit juices (100% standard strength)	l	157 299	548 623	166 860	668 520
Nectar (juice, pulp or puree at 20-50% standard strength)	l	52 284	182 988	35 241	165 732

Table 21 - Food products sold: Processed and preserved fruit and vegetables (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Fruit drink (juice, pulp or puree at 6% standard strength)	l	12 301	22 085	9 261	44 383
Fruit squash (juice, pulp or puree at 24% standard strength in undiluted form)	l	35 724	79 587	23 818	73 623
Fruit pulp and puree (e.g. guava)	Value only	-	62 945	-	54 461
Pulp frozen	kg	6 174	22 861	8 787	41 867
Other	kg	3 089	9 473	10 284	33 898
Natural fruit bases	kg	43 699	211 194	33 332	209 477
Dried fruit					
Bananas and deciduous fruit	kg	692	2 797	440	7 195
Other dried fruit	kg	1 408	11 699	1 671	18 146
Chutney and tomato sauce	kg	19 895	94 623	25 909	119 492
Pickles					
Cucumber and gherkins, including onions and mixtures with onions	kg	6 084	43 527	..	..
Olives and other (mixed, etc.)	kg	5 071	33 600	6 500	45 116
Soups, tinned and powdered	kg	37 587	249 313	32 795	233 579

Table 22 - Food products sold: Vegetable and animal oils and fats

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Vegetable oils					
Sunflower seed oil (refined and crude)	kg	200 189	544 995	256 389	806 671
Maize germ (refined and crude)	kg	20 382	54 377	11 867	36 957
Other (refined and crude)	kg	78 577	207 498	55 797	230 561
Margarine	kg	142 978	608 861	137 793	482 902
Other spreads, including emulsified fats for baking industry	kg	50 040	170 553	65 341	234 447
Oil-seed cake and meal					
Soya-bean	kg	102 982	94 352	111 999	118 002
Groundnut and cotton	kg	143 276	63 174	175 438	66 518
Other oil-seed cake and meal	kg	137 983	98 237	130 939	105 240

Table 23 - Food products sold: Dairy products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Processed liquid milk (e.g. pasteurised, homogenised, sterilised)					
Full cream	l	466 577	789 756	514 651	1 012 211
Low fat and skimmed	l	32 975	51 044	76 015	142 218
Cream (tinned and bulk)	kg	8 252	46 997	15 246	109 561
Milk powders - for human and animal consumption (full cream, low fat and skimmed milk powder)	kg	32 339	311 889	46 609	511 474
Formulated dried milk products (e.g. baby foods, diet mixtures, calf feeds and other)	Value only	-	304 812	-	606 424
Evaporated and condensed milk	Value only	-	101 678	-	132 520
Buttermilk, curdled milk, yoghurt and other fermented or acidified milk					
Buttermilk	l	6 784	15 269	7 560	20 058
Yoghurt	l	37 038	131 762	44 250	239 082
Other (e.g curdled)	l	10 745	28 424	35 828	106 139
Sterilised milk and UHT products	Value only	-	344 072	-	379 583
Ice-cream					
Dairy ice-cream (butter fat only)	l	29 830	90 894	33 354	200 344
Sorbet (more than 4% vegetable fat)	l	26 155	68 523	21 273	79 251
Milk ices (less than 4% vegetable fat)	l	3 657	13 920	3 581	17 261
Soft serve	l	10 390	29 790	8 898	29 167
Water ices	l	6 089	22 042	6 681	26 376
Butter	kg	16 953	157 302	17 340	172 692
Process cheese and cheese spreads	kg	5 350	70 794	6 386	115 245

Table 23 - Food products sold: Dairy products (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Cheese					
Gouda (pre-packed and other)	kg	25 555	296 911	19 966	306 728
Cheddar (pre-packed and other)	kg	20 486	244 160	23 998	369 875
Other (e.g. blue-veined cheese)	Value only	-	166 957	-	187 488
Dairy mixtures (e.g. fruit juice mixtures and whey)	Value only	-	..	-	184 900

Table 24 - Food products sold: Grain mill products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wheaten products					
Cake flour and self-raising flour	t	385	515 307	431	774 665
White bread flour (approximately 80% extraction)	t	865	1 157 105	772	1 268 912
Brown bread meal (approximately 90% extraction)	t	611	746 399	498	767 317
Wholewheat meal (approximately 100% extraction)	t	18	21 494	19	29 295
Crushed wheat, bran and digestive bran	t	483	143 483	413	236 354
Pollard	t	32	10 939	26	16 160
Other (e.g. wheat germ and semolina)	t	114	88 447	161	175 539
Oats products					
	Value only	-	57 007	-	136 034
Maize products					
Mealie meal, including feed meal	t	1 736	1 380 604	1 725	1 930 191
Rice and grits	t	161	130 578	297	322 445
Samp	t	71	73 739	78	106 739
Crushed mealies					
Sifted	t	102	83 998	99	98 171
Unsifted	t	7	4 826	8	7 569
Hominy chop	t	137	61 014	207	97 011
Other, including cornflower, gluten feed and meal	t	396	427 355	253	287 759
Sorghum products					
Meal and other cereals	t	18	11 492	16	11 034
Kidney beans, soya-beans and other					
	kg	5 121	8 433	4 641	8 719
Breakfast foods, not elsewhere classified					
	Value only	-	204 976	-	307 769

Table 25 - Food products sold: Prepared animal feeds

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Calf feeds					
Calf starter meal	t	6	4 215	8	7 299
Calf growth meal	t	15	10 034	11	9 280
Cattle and sheep feeds					
Cattle finisher feed	t	140	75 844	139	88 546
Complete cattle feed	t	85	52 295	45	31 551
Bull ration	t	5	3 448	6	3 545
Drought feed	t	48	26 361	74	48 226
Winter feed					
Cattle	t	24	15 301	60	46 334
Sheep	t	43	26 342	48	37 759
Dairy cattle feeds					
Complete dairy feed	t	252	158 907	394	321 445
Concentrated dairy meal (dairy meal 15, 17 & 19)	t	304	197 666	266	217 197
Other	t	89	58 728	68	49 749
Horse feeds					
Complete horse feed and concentrated horse feed	t	26	17 849	21	21 990
Rabbit feeds and fish feeds	Value only	-	4 664	-	4 622
Dog and cat food including dry and canned	kg	173 287	298 136	184 650	397 645
Poultry feeds					
Fowls (egg production)					
Starter, growing and laying mash	t	722	544 808	732	649 672
Developers mash	t	24	16 458	18	16 179
Breeding mash	t	64	50 076	123	90 725
Fowls (broiler production)					
Starter mash	t	271	241 039	271	272 217

Table 25 - Food products sold: Prepared animal feeds (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Finisher mash	t	453	390 323	727	619 146
Post finisher mash	t	239	194 204	314	252 961
Pig feeds					
Creep meal	t	15	12 541	13	8 605
Growth meal and finisher meal	t	116	85 862	100	118 624
Dry sow meal	t	14	10 016	5	4 702
Lactating sow and boar meal	t	16	12 437	10	8 915
Other farm feed mixtures and turkey starter mash, fowls boiler mash and pre-starter mash, excluding mixed grain	t	233	176 288	305	252 423
Supplement and unmixed farm feeds of animal origin					
Protein mineral supplement farm feeds	kg	118 711	86 977	157 956	191 773
Blood meal	t	5	4 247	7	13 380
Carcase meal	t	15	13 868	15	20 873
Bone meal	t	7	5 091	6	6 498
Other, including degelatinised bone flour and energy supplement farm feeds	Value only	-	191 954	-	200 332

Table 26 - Food products sold: Bakery products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bread					
White	Number	644 873	1 027 608	667 615	1 368 004
Brown	Number	589 994	810 804	596 729	1 127 356
Wholewheat	Number	48 234	64 533	43 672	78 928
Super	Number	17 769	42 417	16 851	43 127
Other, (milk, raisin, rye, matzos, kitke, etc.)	Number	4 174	14 721	14 506	45 316
Bread rolls and buns	kg	20 293	64 132	20 402	84 712
Biscuits (plain, salty type, chocolate covered, filled, etc.)	Value only	-	526 299	-	353 572
Rusks, including "boerbeskuit" and cut and undried rusks	Value only	-	..	-	27 357
Cakes					
Rich fruit cakes (not iced)	Value only	-	2 451	-	4 283
Plain cakes	Value only	-	17 152	-	20 480
Iced cakes	Value only	-	6 702	-	9 068
Fruit or nut loaves	Value only	-	2 282	-	1 524
Swiss rolls	Value only	-	5 577	-	3 407
Doughnuts	Value only	-	9 064	-	8 351
Other	Value only	-	37 232	-	53 868
Pastries	Value only	-	8 821	-	16 720
Tarts, (not containing meat)	Value only	-	1 607	-	2 376
Macaroni, vermicelli, noodles, spaghetti and similar products (tinned and uncooked pasta)	Value only	-	98 056	-	144 476

Table 27 - Food products sold: Sugar, including golden syrup and castor sugar

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Raw cane- or beet-sugar for refining	t	567	870 668	630	1 126 316
Other processed sugar					
Golden brown sugar	Value only	-	116 949	-	192 130
Other, including granulated refined sugar, golden syrup and castor sugar	Value only	-	863 114	-	2 257 573

Table 28 - Food products sold: Cocoa, chocolate and sugar confectionery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Products containing cocoa					
Solid chocolate slabs, bars and novelties	kg	14 118	212 920	16 345	316 926
Filled bars and other chocolate counter lines, with hard, soft or cereal centres	kg	25 422	343 367	26 465	479 046
Chocolate assortments and chocolate covered nuts	kg	9 651	124 171	10 264	184 809
Other, including drinking chocolate and cocoa powder	Value only	-	62 603	-	102 384
Other confectionery					
Boiled sweets	kg	20 180	155 218	22 626	226 666
Toffees and caramels	kg	22 726	163 018	22 470	213 268
Gums, jellies, pastilles, lozenges and starch goods	kg	14 942	125 170	10 886	136 403
Panned confectionery	kg	4 932	36 204	5 355	60 152
Other	kg	16 875	127 475	18 718	187 559
Groundnuts (shelled and unshelled)	kg	18 820	79 077	13 181	124 285
Other nuts, desiccated coconut and peanut butter	Value only	-	104 312	-	147 822

Table 29 - Food products sold: Food products, not elsewhere classified

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Magou	kg	44 330	47 501	78 628	77 790
Coffee					
Roasted beans	kg	622	13 714	687	27 614
Ground (pure and mixed)	Value only	-	53 733	-	93 780
Pure and mixed instant coffee, chicory, essence and extract	Value only	-	278 347	-	461 631
Tea					
Rooibos tea, retail and in bulk	kg	7 659	61 134	9 860	102 571
Other tea, retail and in bulk	kg	25 183	348 194	20 168	340 750
Condiments, seasonings, herbs and spices					
Curry	Value only	-	48 437	-	38 074
Pepper (white and other, including pimento)	kg	563	9 164	544	11 573
Other spices	kg	16 734	139 230	18 083	140 194
Potato crisps and corn chips	Value only	-	526 474	-	892 656
Yeast, baking powder and bicarbonate of soda	Value only	-	215 393	-	172 993
Sauces					
Worcester	l	1 620	10 115	1 915	14 711
Mayonnaise	kg	12 589	92 193	22 530	170 819
Other, excluding salad-dressing and tomato sauce	kg	6 251	40 237	13 605	98 222
Gravy and sauce powders	kg	3 496	36 610	4 038	51 126
Salt (table)	kg	28 394	49 969	10 543	45 542
Food products, not elsewhere specified					
Soya protein-based foods and supplements for human consumption	kg	25 371	139 680	22 720	167 341
Jelly powder	kg	5 109	23 443	3 363	22 556
Custard-, pudding- and cake powder	kg	9 349	73 774	19 486	131 908

Table 29 - Food products sold: Food products, not elsewhere classified (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Flavouring essences	Value only	-	44 817	-	43 609
Food colouring	l	1 753	15 716	1 765	23 297
Ice, other than dry ice	kg	2 386	1 341	1 419	1 598

Table 30 - Beverages sold: Spirits, wine and beer

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wines					
Cellar products					
Distilling wine	hl @ 10% A/V	3 347	121 195	1 799	94 316
Good wine					
Unfortified	Bulk hl	2 708	295 200	3 685	500 436
Fortified, including spirit added	Bulk hl	206	35 520	295	39 642
Must	Bulk hl	1 336	77 988	1 057	77 762
Other cellar products	Value only	-	161 005	-	195 712
Finished products					
Natural wines (still)					
White	Value only	-	340 166	-	729 657
Red	Value only	-	278 256	-	..
Rose	Value only	-	9 662	-	13 331
Natural wines (sparkling)					
Perle and sparkling wine	Bulk hl	229	127 654	185	142 371
Sherry, port and dessert wines	Bulk hl	699	130 273	804	200 940
Wine aperitifs and cocktails	Bulk hl	195	126 848	109	124 287
Grape juice and other products	Value only	-	126 237	-	152 240
Spirits					
Brandy	l (AA)	18 520	610 945	24 942	896 041
Gin	l (AA)	2 063	64 647	2 060	81 038
Vodka	l (AA)	5 564	102 278	5 340	134 830
Cane spirit	l (AA)	3 180	80 117	1 223	54 602
Liqueur	l (AA)	970	38 622	1 182	64 130

Table 31 - Beverages sold: Soft drinks

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Water, mineral water and aerated waters Not containing added sugar or other sweeteners Soda water and spring water	l	17 887	33 392	44 006	104 865
Containing added sugar or other sweeteners Flavoured water (artificially and sugar sweetened)	l	1 542 037	2 736 946	1 583 730	3 637 822
Cordials (cool drink syrups), bases and powder Syrups and bases (synthetic)	l	23 581	99 326	52 743	193 369
Powdered soft drinks	kg	6 258	29 164	8 777	86 933

Table 32 - Textiles sold: Textile fibres and fabrics

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wool scouring, combing and cotton ginning Sheep's or lambs' wool and mohair Scoured, carbonised, carded and combed	Value only	-	225 341	-	282 810
Yarns					
Yarns of pure wool or predominantly of wool (sheep or lamb) Condenser (woollen) yarn and worsted system yarn	kg	747	17 216	1 744	52 989
Yarn of pure cotton or predominantly of cotton Cotton system yarn and condenser yarn Cotton	kg	33 375	277 159	35 546	575 009
Yarn, predominantly of discontinuous synthetic or man-made fibres Condenser yarn					
Acrylic	kg	6 790	81 062	5 848	100 898
Other condenser yarns	kg	3 279	33 146	1 618	32 445
Worsted system yarn	kg	12 217	173 205	15 933	360 635
Cotton system yarn Acrylic, viscose, polyester and other yarns	kg	20 076	259 585	28 790	367 398
Yarn, predominantly of continuous synthetic or man-made fibres Industrial filament yarns (tyre cord, conveyor and belting yarns)	kg	97 150	894 516	82 152	1 416 360
Sewing thread/prepared sewing yarn	kg	2 699	143 929	2 773	177 831
Woven cloth					
Woven cloth predominantly of cotton Industrial cloths, including duck, belting, conveyor fabrics, filter cloth, tyre cord fabrics, etc.	m ²	2 005	16 621	2 893	26 845
Printed cloth including canvas and similar fabrics	m ²	19 387	91 063	36 252	254 435

Table 32 - Textiles sold: Textile fibres and fabrics (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Dyed cloth					
Of a mass below 170 grams/sq. metre	m ²	9 840	60 700	9 446	64 983
Of a mass of 170 grams/sq. metre to under 220 grams/sq. metre	m ²	20 327	141 681	32 977	272 534
Of a mass of 220 grams/sq. metre to under 345 grams/sq. metre	m ²	17 773	115 006	20 928	114 608
Other cotton fabrics, sheeting in the piece, loomstate cloth and terry fabric	Value only	-	218 410	-	279 712
Woven cloth predominantly of wool					
Worsted system yarn and woollen spun yarns	m ²	7 570	107 879	7 119	145 407
Woven cloth predominantly of continuous filament yarns (man-made or synthetic)					
Industrial cloths, including duck, belting, conveyor fabrics, filter cloth, tyre cord fabrics, etc.	m ²	25 279	143 677	28 549	146 140
Plain dyed colour woven fabrics	m ²	19 460	98 284	24 981	235 819
Woven cloth predominantly of discontinuous spun yarns (man-made or synthetic)					
Fabrics woven from yarns of discontinuous synthetic fibres and cotton - printed, colour woven or plain dyed, excluding sheeting	m ²	33 872	187 836	20 201	125 016
Fabrics woven from yarns of discontinuous synthetic fibres and cellulosic man-made fibres - printed, colour woven or dyed	Value only	-	362 712	-	335 362
Woven cloth predominantly of flax, ramie, jute, true hemp, paper yarn or vegetable textile fibres	Value only	-	69 950	-	32 494
Narrow woven fabrics					
Webbing	Value only	-	34 875	-	25 274
Ribbons	m ²	24 594	9 832	30 021	15 637
Bias binding	m	72 681	14 190	52 441	13 496
Other	Value only	-	15 830	-	11 702

Table 32 - Textiles sold: Textiles fibres and fabrics (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Narrow knitted fabrics, including e.g. lace and tapes	m ²	57 750	44 824	40 004	54 524
Not containing elastomeric yarn or rubberised yarn	Value only	-	26 839	-	38 940
Containing elastomeric yarn or rubberised					
Braids and ornamental trimmings in the piece, tassels, pompons and the like	m	43 754	37 908	39 653	56 307
Woven labels, badges and the like	Value only	-	15 547	-	22 488
Made-up badges and labels	Number	1 153	5 731	576	4 134
Tapestries and embroideries	Value only	-	15 847	-	27 698

Table 33 - Textiles sold: Made-up textile articles, except wearing apparel

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Soft furnishings, domestic and household textiles					
Blankets and travelling rugs, woven	Number	16 762	233 982	26 596	402 233
Bedspreads, knitted and woven	Number	307	16 084	244	18 761
Bedspreads, quilted	Number	174	15 298	155	29 393
Sheets, including mattress covers and protectors	Number	2 307	57 750	2 189	71 067
Duvet, eiderdown and similar covers	Number	1 508	86 919	1 454	86 762
Pillow cases	Number	4 904	45 563	5 120	51 356
Kitchen towels, glass and dish cloths	Number	3 265	5 665	3 292	9 411
Towels	Number	6 553	58 025	10 107	137 954
Baby napkins	Value only	-	100 061	-	120 400
Face cloths	Number	13 135	20 014	19 715	27 677
Curtains	Value only	-	120 125	-	130 531
Pillows (synthetic filling and natural filling (e.g. feather, down))	Number	1 976	24 734	1 313	31 311
Sleeping bags	Number	421	52 467		
Bags of imitation leather, canvas or similar material					
Laundry bags	Number	12	418	18	772
Other bags, including rucksacks	Value only	98	5 461	118	4 415
Bags - predominantly of jute, hemp, sisal, phomium tenax, hessian, binola, including cotton/rayon mixtures thereof	Value only	-	9 250	-	15 650
Filter bags	kg	469	13 549	497	18 406
Awnings and boat sails	Value only	-	18 824	-	26 279
Tents					
Cottage	m ²	149	8 725	326	5 705
Marquee	m ²	136	7 969	163	6 779
Other tents, including car tents	Value only	-	21 150	-	27 283

Table 33 - Textiles sold: Made-up textile articles, except wearing apparel (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Tent accessories					
Roofs and walls	Number	7	1 095	10	1 654
Ground sheets	Number	25	1 044	27	1 262
Flags	Number	96	5 776	78	7 509
Covers, excluding car seat covers					
Synthetic materials (e.g. PVC)					
Tarpaulins	m ²	1 286	22 181	1 441	29 882
Vehicle, boat, pool and other covers	Value only	-	33 511	-	35 977
Natural materials (e.g. canvas)					
Tarpaulins and vehicle covers	m ²	109	1 455	228	4 349
Other covers (e.g. furniture and boat)	Value only	-	1 131	-	425
Textile products for the automotive industry					
Car carpets and mats	m ²	2 589	86 371	2 435	131 513
Other textile products for the automotive industry	Value only	-	165 504	-	403 030

Table 34 - Textiles sold: Carpets, rugs, cordage, rope and twine

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Carpets and carpeting, including floor rugs but excluding car carpets and mats					
Tufted	m ²	14 580	250 590	14 770	388 163
Other, including woven and needle punch	Value only	-	216 805	-	204 953
Matting and mats	Value only	-	2 291	-	6 369
Twine, rope, braids and sash cords (including nets)	Value only	-	65 988	-	100 863

Table 35 - Textiles sold: Felt and non-woven articles

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Underfelt and other articles of felt	Value only	-	63 465	-	60 937
Sanitary pads and tampons	100's	5 980	73 592	6 997	142 390

Table 36 - Wearing apparel sold: Knitted and crocheted fabrics and articles

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Knitted piece goods, not containing elastomeric yarn nor rubberised					
Warp knitted					
Tricot					
Predominantly of cotton and wool and continuous filament yarns	m ²	44 170	144 776	62 977	307 256
Rachel					
Cotton, continuous filament yarns (man-made or synthetic) and other fibres	m ²	16 291	61 208	41 643	248 763
Weft knitted					
Single jersey					
Predominantly of -					
Cotton	m ²	46 184	210 178	58 900	348 214
Continuous filament yarns (man-made or synthetic)	m ²	8 568	52 090	14 359	111 361
Discontinuous spun yarns (man-made or synthetic)	m ²	6 361	29 871	5 612	37 141
Other fibres (including wool)	Value only	-	13 422	-	14 121
Double jersey					
Predominantly of -					
Cotton	m ²	16 063	76 747	18 954	133 960
Other fibres (including continuous filament yarns - man-made or synthetic and discontinuous spun yarns)	Value only	-	45 111	-	79 234

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wearing apparel of leather, excluding articles of furskin or artificial fur					
Men's and boys' clothing, including body belts	Value only	-	23 339	-	30 053
Women's and girls' clothing, including body belts	Value only	-	21 367	-	13 524
Gloves, mittens and mitts	Pairs	3 308	18 165	2 272	18 066
Wearing apparel of plastic and textile fabrics coated, covered or laminated with plastic					
Men's and boys' clothing					
Jackets, coats and waistcoats	Value only	-	2 328	-	4 531
Raincoats and other waterproof clothing	Number	511	13 922	853	15 117
Women's and girls' clothing					
Jackets, coats, waistcoats, dresses and skirts	Number	1 104	89 970	..	..
Body belts, infants' pilchers, bibs and gloves, mittens and mitts and other clothing	Value only	-	43 949	-	38 228
Wearing apparel of knitted, crocheted or woven fabrics					
Men's and boys' clothing					
Suits					
Lounge suits, structured					
Synthetic material	Number	157	24 457	60	16 042
Wool and wool mixtures	Number	330	84 879	299	106 411
Other	Number	69	14 669	23	7 935
Lounge suits (unstructured jackets) and other (e.g. casual and safari suits)	Value only	-	51 381	-	63 763
Jackets (including blazers)					
Synthetic material	Number	268	26 434	460	44 253

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Men's and boys' clothing (continued)					
Jackets (including blazers)					
Wool and wool mixtures	Number	279	40 497	523	89 299
Other	Number	492	30 647	343	28 081
Trousers					
Schoolwear					
Wool and wool mixtures	Number	4 719	87 465	4 491	130 524
Other	Number	2 070	67 564	3 989	106 998
Other trousers					
Synthetic material	Number	2 457	114 033	4 333	353 388
Wool and wool mixtures	Number	1 177	80 382	1 968	118 996
Cotton and cotton mixtures	Number	2 445	101 356	4 688	233 807
Shorts					
Sportswear					
Cotton and cotton mixtures	Number	1 831	27 095	1 693	42 589
Other, including synthetic material	Number	1 326	35 846	2 548	56 001
Schoolwear	Value only	-	3 806	-	4 602
Other shorts					
Cotton and cotton mixtures	Number	1 097	23 056	820	27 215
Other, including synthetic material	Value only	-	2 079	-	3 834
Coats (cotton and other mixtures (including wool))	Number	16	2 392	35	6 932
Jerseys, pullovers, sweaters and cardigans					
Sportswear					
Rugby, soccer and football jerseys					
Synthetic material	Number	231	6 780	246	10 940
Other mixtures (e.g. cotton and cotton mixtures)	Number	305	9 969	215	8 622
Other sportswear					
Synthetic material	Number	35	1 341	70	4 822
Other (including cotton and cotton mixtures)	Number	54	1 598	87	4 062

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Men's and boys' clothing (continued)					
Other jerseys and pullovers					
Synthetic material	Number	1 366	43 011	914	38 190
Wool, pure	Number	298	17 059	395	25 766
Wool mixtures	Number	633	30 395	638	36 812
Cotton and cotton mixtures	Number	..	..	777	35 051
Other	Value only	-	..	-	58 094
Shirts					
Lounge shirts					
Synthetic material	Number	857	19 881	839	22 243
Cotton and cotton mixtures	Number	3 682	93 146	3 567	146 981
Other	Value only	-	23 227	-	97 304
Sports and casual wear (including T-shirts)					
Synthetic material	Number	1 553	45 127	1 051	35 073
Cotton and cotton mixtures	Number	5 696	125 212	3 392	132 346
Other	Number	1 003	12 186	1 347	28 306
Other shirts	Number	3 125	53 065	4 083	164 792
Pyjamas	Number	1 174	38 197	1 621	66 448
Hose					
Three quarter hose					
Synthetic material	Pairs	1 033	3 642	987	5 194
Wool, wool mixtures, cotton and cotton mixtures	Pairs	..	..	11 517	49 100
Half hose (synthetic materials and other)	Pairs	3 238	16 721	2 195	14 564
Anklelets					
Synthetic material	Pairs	12 764	28 590	9 456	24 383
Other	Pairs	7 719	25 769	12 987	42 973

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Men's and boys' clothing (concluded)					
Underwear					
Vests, excluding sportswear (cotton, cotton mixtures and others)	Number	2 121	18 103	3 983	44 929
Underpants	Number	9 603	52 221	6 775	81 865
Protective and safety clothing					
Overalls and dust coats	Number	873	28 045	1 522	59 012
Boiler suits	Number	1 017	40 494	1 150	61 444
Specialised protective and safety clothing (e.g. flame and acid resistant)	Number	526	24 977	438	32 232
Raincoats	Number	-	8 760	-	6 690
Swimwear	Number	544	10 137	882	12 891
Neckwear					
Ties	Number	1 735	33 413	1 961	43 974
Scarves, mufflers and cravats	Number	73	1 469	110	2 100
Headwear	Number	5 741	48 038	4 625	50 733
Women's and girls' clothing					
Suits and costumes	Number	916	78 971	817	82 959
Slack suits (synthetic, wool, wool mixtures and other materials)	Number	327	17 269	273	16 124
Waistcoats	Number	85	3 970	11	1 385
Jackets					
Blazers					
School blazers (wool and wool mixtures)	Number	106	9 032	229	21 483
Other blazers	Number	102	6 482	139	11 411
Other jackets	Number	1 173	93 159	1 583	170 752
Slacks and jeans	Number	4 717	204 548	7 278	332 527

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Women's and girls' clothing (continued)					
Shorts					
Sportswear	Number	318	10 442	844	26 446
Other shorts	Value only	-	26 128	-	25 907
Dresses					
Day wear					
Synthetic material	Number	1 944	111 550	1 159	79 321
Wool and wool mixtures	Number	23	3 000	114	6 847
Other (including cotton and cotton mixtures)	Number	3 982	153 990	4 677	217 143
Evening wear	Number	157	16 286	264	25 767
Schoolwear	Number	870	43 231	653	23 902
Skirts					
Culottes					
Synthetic material	Number	492	19 951	675	35 792
Other (including wool and wool mixtures)	Value only	-	13 780	-	23 627
School and sportswear	Number	237	5 950	219	8 595
Other skirts					
Synthetic material	Number	1 540	65 183	1 816	93 304
Wool, pure	Number	18	1 717	102	6 901
Wool mixtures	Number	125	8 053	247	11 731
Other	Number	2 792	93 613	2 862	125 606
Coats	Number	213	16 941	263	20 246
Jerseys, pullovers, sweaters and cardigans					
Synthetic material	Number	684	27 868	1 098	47 839
Wool and wool mixtures	Number	852	43 056	1 811	86 960
Other, including cotton and cotton mixtures	Number	1 037	32 267	1 769	63 821

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Women's and girls' clothing (concluded)					
Blouses and shirts					
Sportswear	Number	3 753	101 079	5 131	206 172
Other blouses and shirts	Number	7 055	205 411	5 589	216 019
Night wear					
Nightdresses	Number	2 466	44 995	2 861	69 153
Pyjamas and bedjackets	Number	718	27 419	1 393	52 459
Dressing and bath gowns	Number	271	12 243	415	24 578
Hosiery					
Socks	Pairs	9 613	26 191	16 274	63 487
Pantihose and other stockings	Value only	-	167 768	-	196 119
Underwear					
Vests and spencers	Number	3 184	35 362	3 941	74 692
Panties and bloomers	Number	27 262	122 880	28 863	194 422
Slips	Number	1 135	10 060	2 231	24 227
Half slips	Number	1 012	11 732	3 482	32 938
Leotards	Number	319	11 333	176	7 143
Swimwear	Number	1 383	38 565	2 001	70 342
Headwear	Value only	-	47 807	-	36 974
Uniforms (military type and nurses' uniform)	Number	192	9 050	124	6 103
Overalls and dust coats	Number	763	18 924	558	15 179
Unisex wearing apparel					
Tracksuits and skiwear	Number	990	58 447	600	82 342
Tracksuit jackets	Number	539	23 638	935	43 684
Tracksuit trousers	Number	797	24 388	860	38 633

Table 37 - Wearing apparel sold: Men's and boys' clothing and women's and girls' clothing (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Aprons (industrial and other)	Number	32	511	20	380
Infants' clothing					
Underwear and napkin liners	Value only	-	21 526	-	18 464
Outer garments	Value only	-	65 284	-	101 582
Bonnets, hats and caps	Number	2 020	8 497	3 223	12 500
Other infants' clothing	Value only	-	19 332	-	51 151
Corsetry and foundation garments (knitted or woven)					
Corsets and girdles	Value only	-	31 572	-	34 600
Brassieres	Number	6 120	96 557	6 669	130 039

Table 38 - Leather and leather products sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Leather					
Bovine, calf and equine leather					
Uppers, excluding linings					
Side leather	dm ²	289 064	153 379	250 980	228 539
Other	dm ²	96 564	32 841	93 520	37 053
Industrial gloving splits, including sides and flesh splits	dm ²	16 235	2 901	18 491	3 076
Hides and skins (bovine or equine)					
Semi-processed					
Wet blue hides	kg	19 036	87 017	31 244	116 938
Other hides and splits (semi-processed)	Value only	-	11 581	-	28 730
Skins (sheep and lamb)					
Semi-processed, raw or cured	Value only	-	78 876	-	206 371
Travel goods, shopping bags, handbags, schoolbags and the like, excluding articles of furskin and artificial fur					
Suitcases, excluding trunks					
Leather or composition leather	Value only	-	3 416	-	3 796
Textile fabric (canvas, etc.)	Value only	-	5 918	-	6 331
Other suitcases, including vanity cases	Value only	-	9 309	-	9 470
School bags, excluding briefcases	Value only	-	10 886	-	8 244
Briefcases					
Folio (e.g. leather or composition leather)	Number	-	5 328	-	3 473
Attache cases					
Attache cases (leather or composition leather)	Number	18	4 798	13	4 359

Table 38 - Leather and leather products sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Ladies' handbags (e.g. leather or composition leather, textile fabric and other)	Number	410	25 426	377	35 685
Wallets, purses and other pouches (e.g. leather or composition leather)	Value only	-	24 356	-	49 777
Bags (leather and leather substitutes (e.g. fibre, plastic or textile fabric))					
Gripbags (travel, sports, shopping bags and the like)	Number	734	16 357	580	26 105
Togbag, kitbags and knapsacks	Number	136	3 329	101	3 274
Other bags	Number	356	6 118	487	16 646
Belts and straps, excluding body belts					
Transmission, conveyor, elevator belts or belting and straps of leather or composition of leather	Value only	-	1 268	-	1 012
Other articles of leather or composition leather					
Covers (document, book, etc.), blotting pads and other stationary	Number	61	2 448	62	2 819
Dog collars and holsters	Value only	-	1 341	-	3 066

Table 39 - Footwear sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Boots and halfboots other than gumboots and similar waterproof footwear					
Uppers of leather					
Industrial and mining (safety and protective)	Pairs	1 854	69 226	1 427	100 412
Service and civilian					
Men's (sizes exceeding 205)	Pairs	2 956	219 942	2 537	252 262
Civilian					
Women's (sizes exceeding 205)	Pairs	1 632	45 063	1 071	73 456
Children's (sizes 150 to 205)	Pairs	1 118	29 145	314	13 528
Infants' (sizes up to 145)	Pairs	359	6 163	161	4 459
Uppers of plastic or plastic coated material					
Women's and girls' (sizes exceeding 205)	Pairs	890	70 519	2 947	81 024
Other boots	Value only	-	5 934	-	2 873
Shoes and sandals, excluding footwear for sportsmen, ballet shoes and bedroom slippers					
Uppers of leather					
Industrial					
Men's and boys' (sizes exceeding 205)	Pairs	421	23 193	412	32 344
Civilian					
Men's and boys' (sizes exceeding 205)	Pairs	5 537	302 488	5 643	482 176
Women's and girls' (sizes exceeding 205)	Pairs	9 549	361 313	6 720	432 438
Children's (sizes 150 to 205)	Pairs	1 826	59 020	3 111	108 928
Infants' (sizes up to 145)	Pairs	698	23 054	1 868	61 458
Uppers of plastic or plastic coated material					
Women's and girls' (sizes exceeding 205)	Pairs	4 277	105 040	4 589	159 737
Men's and boys' (sizes exceeding 205)	Pairs	644	13 588	460	10 550
Children's (sizes 150 to 205)	Pairs	263	5 523	169	3 377

Table 39 - Footwear sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Uppers of other material Men's and boys' (sizes exceeding 205) and women's and girls' (sizes exceeding 205)	Pairs	1 562	22 186	2 064	34 193
Other shoes and sandals	Value only	-	9 236	-	19 550
Sportswear (boots or shoes) and ballet shoes Uppers mainly of leather	Pairs	3 547	137 746	4 381	130 742
Slippers (bedroom) (uppers of uncoated textile fabrics) Women's and girls' (sizes exceeding 205)	Value only	-	9 492	-	9 723
Footwear parts Uppers	Value only	-	8 274	-	6 492
Soles Leather and rubber	Number	11 576	44 242	17 620	51 054
Plastic	Value only	-	24 247	-	24 122
Heels (e.g. rubber, plastic)	Number	16 985	19 509	13 234	28 926
Tips Plastic	Number	5 410	1 367	7 069	3 948

Table 40 - Wood and wood and cork products sold: Sawmilling and planing of wood

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wood in the rough, including poles					
Pulpwood					
Coniferous species and non-coniferous species	m ³	129	13 573	175	18 976
Saw and veneer logs					
Coniferous and non-coniferous species	Value only	-	150 845	-	204 302
Poles and laggings for underground supports (mining)	m ³	201	50 889	136	42 265
Treated with creosote					
Coniferous species					
Building, scaffolding and droppers	m ³	107	41 722	104	59 914
Transmission and telephone poles	Value only	-	24 709	-	22 208
Non-coniferous species	m ³	24	9 353	13	5 950
Wood roughly or half-squared, but not further processed					
Coniferous species and non-coniferous species	m ³	19	12 087	143	104 879
Wood sawn lengthwise, but not further processed (i.e. not planed, tongued, grooved, etc.) with a thickness of more than 5 millimetres					
Coniferous species					
Untreated					
Structural timber	m ³	320	174 070	303	238 789
Industrial timber	m ³	267	117 284	172	113 627
Other	m ³	80	40 079	61	39 282
Waterborne and untreated with other preservatives (structural timber and industrial timber)	m ³	40	26 813	45	37 184
Non-coniferous species (e.g. eucalyptus and meranti)	Value only	-	31 144	-	29 729

Table 41 - Wood and wood and cork products sold: Veneer sheets, plywood, laminboard, particle board and other panels and boards

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Wood sawn lengthwise, sliced or peeled, but not further processed, with a thickness not exceeding 5 millimetres Veneer sheets and other sheets	Value only	-	41 946	-	84 020
Mining timber, not elsewhere specified	t	997	300 465	1 131	496 865
Wood planed, tongued, grooved, rebated, chamfered or the like, but not further processed					
Coniferous species					
Ceiling boards	m ³	25	19 348	17	12 816
Flooring boards and other	m ³	22	19 206	52	61 666
Non-coniferous species (e.g. ceiling boards, flooring boards)	m ³	3	2 887	7	9 326
Board, plywood and hollow core panels					
Plywood, blackboard and battenboard, commercial and exotic	m ³	26	35 300	32	64 804
Laminated stripboard (unveneered)	m ³	22	33 112	35	44 722
Melamine faced chipboard	m ³	141	191 379	219	376 831
Particle board (reconstituted wood)					
Plain	m ³	515	386 642	611	672 222
Timber veneered face(s) and other veneered	m ³	102	141 172	60	143 237

Table 42 - Wood and wood and cork products sold: Builders' carpentry and joinery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Builders' carpentry and joinery					
Doors, excluding louvered doors					
Garage doors					
Tip-up	Number	17	18 530	19	24 977
Other	Number	11	12 743	9	16 658
Folding doors	Number	5	1 054	3	684
Flush panel doors					
Hollow core	Number	755	29 767	807	42 991
Semi-solid	Number	119	7 526	82	7 116
Solid and other	Number	155	33 962	372	78 724
Other doors					
Solid	Number	250	64 268	358	93 837
Other, including hollow core	Number	188	20 505	452	92 905
Door frames	Value only	-	55 939	-	89 367
Louvered shutters and doors	Value only	-	16 823	-	12 530
Windows and window frames	Value only	-	42 765	-	108 325
Prefabricated buildings of wood					
Wendy-houses, change rooms, chalets and mobile homes	Value only	-	22 733	-	18 473
Laminated structural timber (coniferous and non-coniferous species)	Value only	-	37 110	-	58 853
Wooden beadings, mouldings and other builders' joinery	Value only	-	273 808	-	286 395

Table 43 - Wood and wood and cork products sold: Wooden containers

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Shooks, packing cases, boxes, crates and similar packing, including pallets and cable drums of wood					
Boxes and cases and shooks therefore					
For fruit and vegetables, excluding tomatoes	Value only	-	5 888	-	7 982
For tomatoes	Value only	-	8 384	-	16 774
Other, including for bottles	Value only	-	..	-	26 107
Crates and shooks therefore	Value only	-	14 439	-	11 682
Pallets	Value only	-	64 796	-	122 529
Cable drums	Value only	-	31 088	-	53 713
Casks, barrels, vats, tubs, buckets and other coopers' products	Value only	-	9 906	-	15 681

Table 44 - Wood and wood and cork products sold: Wood and cork products, not elsewhere classified

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Household articles of wood					
Ironing boards	Number	185	4 169	128	4 806
Bread boards and trays	Number	290	3 870	251	2 162
Other articles of wood	Value only	-	17 154	-	26 981
Broomsticks, tool bodies and handles	Value only	-	11 783	-	22 816
Coffins					
Predominantly of wood, excluding metal-clad coffins					
Solid wood	Number	50	17 964	26	20 473
Blockboard	Number	76	18 342	95	26 676
Other	Number	74	11 332	69	13 771
Fuel wood	Number	3	322	6	473
Wood waste, including saw dust	Number	109	7 743	100	6 856
Wood charcoal (agglomerated and non-agglomerated)	Number	131	47 053	108	62 985
Frames (picture, photograph, etc.)	Value only	-	40 143	-	79 139
Framed pictures and prints	Value only	-	32 924	-	26 589
Cork and articles of cork	Value only	-	28 020	-	15 919

Table 45 - Paper and paper products sold: Pulp, paper and paper-board

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Pulp derived by mechanical or chemical means from any fibrous vegetable material Soda, sulphate and other chemical wood pulp (bleached and unbleached)	t	936	1 409 882	944	2 542 336
Paper and paper-board (woodfree uncoated) in rolls or sheets, being of a kind suitable for printing and writing and containing 60% or more mechanical pulp	t	631	1 462 273	589	2 004 867
Kraft paper and paper-board	t	812	1 270 927	1 049	2 306 122
Composite paper or paper-board (flat layers stuck together with an adhesive) not surface coated or impregnated, in rolls or sheets	t	36	178 459	96	425 442
Paper and paper-board corrugated, creped, crinkled, embossed or perforated	t	35	90 924	29	85 807
Paper and paper-board impregnated, coated, surface coloured, surface decorated or printed, in rolls or sheets (being of a kind suitable for printing or writing)	t	21	104 973	11	46 143
Wrapping paper and paper-board, printed or designed, unwaxed	Value only	-	100 797	-	189 709
Paper and paper-board coated with ethylene polymers and copolymers	t	10	104 603	23	255 905

Table 46 - Paper and paper products sold: Corrugated paper and containers of paper and paper-board

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bags and sacks, including seed packets					
Bags and sacks					
Paper and paper-board					
Multiwall	kg	74 953	294 684	77 562	385 602
Other bags and sacks	Value only	-	189 634	-	227 897
Boxes and other packing containers of paper and paper-board, excluding boxfiles, letter and other trays					
Boxes					
Non-corrugated cardboard	kg	113 368	454 380	115 614	525 504
Corrugated cardboard	kg	422 997	1 273 526	544 805	2 080 797
Other boxes (e.g. cheese, chocolate, medicine)	kg	75 478	122 466	91 007	129 856
Other containers	kg	58 796	379 396	52 105	478 090

Table 47 - Paper and paper products sold: Other articles of paper and paper-board

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Paper and paper-board, cut to size or shape, excluding stationery, blotting and carbon paper	Value only	-	95 458	-	187 623
Stationery					
Writing blocks, envelopes and writing cards other than printed cards					
Writing pads, bound					
Standard sizes (e.g. A4)	100	91	11 429	63	14 103
Other sizes	100	13	1 454	15	2 546
Envelopes, excluding seed packets					
Banker shape					
Wettable					
89 x 152 millimetres up to 92 x 165 millimetres	1000	407	9 954	142	7 304
C6	1000	136	5 573	88	4 941
DL	1000	289	13 936	258	12 689
Other banker shape	1000	1 215	62 183	616	41 538
Other self-seal banker shape envelopes	1000	379	25 711	885	51 439
Pocket shape envelopes					
Wettable					
DL	Value only	-	4 303	-	3 066
B5	Value only	-	6 081	-	5 419
Other pocket shape	Value only	-	17 138	-	22 339
Self-sealing	Value only	-	10 348	-	21 614
Exercise books, manuscript books, notebooks, scribbling books, letterfiles (excluding box files) and other stationery					
Bound in books and pads					
Exercise books					
Soft cover (manilla)					
32 Pages, A5	100	171	3 402	394	10 944

Table 47 - Paper and paper products sold: Other articles of paper and paper-board (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
72 Pages, A5	100	175	4 630	305	14 413
32 Pages, A4	100	176	8 159	200	13 387
72 Pages, A4	100	385	22 662	537	51 077
Other	100	431	29 396	531	52 300
Manuscript books					
Hard cover (quarter bound)					
192 pages, A5	100	84	15 677	56	14 444
96 pages, A4	100	28	4 892	55	12 092
192 pages, A4	100	74	19 759	127	44 825
288 pages, A4	100	6	2 312	21	10 101
Other	100	153	17 892	148	20 000
Spiral wire or plastic bound books (notebooks, exercise books, etc.)	100	139	11 792	107	11 860
Scribbling books	Value only	-	6 872	-	22 460
Ledgers, journals, etc. (soft cover (manilla) and hard cover)	100	83	10 535	140	25 805
Drawing books	100	11	1 565	47	7 292
Examination pads	100	26	3 226	68	14 172
Other, bound in books and pads	Value only	-	20 032	-	94 711
Not bound in books and pads					
Printed forms	Reams	44	2 901	40	3 267
Ruled foolscap paper and typing paper	Value only	-	..	-	12 847

Table 47 - Paper and paper products sold: Other articles of paper and paper-board (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Letter - files, other than box files					
Letter - files					
Lever arch and ring type (board)	100	30	6 431	43	14 963
Plastic type and other files	100	..	33 271	45	18 218
Computer binders	100	3	2 249	4	1 882
Other stationery not bound in books and pads	Value only	-	24 678	-	70 673
Paper and paper-board articles, not elsewhere specified					
Computer and telex rolls	Value only	-	40 014	-	70 816
Paper towelling (industrial and other)	Value only	-	172 986	-	134 162
Serviettes	Value only	-	118 887	-	94 085
Facial tissues (1- and 2-Ply)	1000	6 328	55 235	5 739	93 390
Toilet paper	No of rolls	868 842	394 626	876 371	567 228
Bobbins, spools, cones and the like	kg	8 562	30 154	11 143	59 768

Table 48 - Publishing, printing and reproduction of recorded media sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Newspapers	Value only	-	580 646	-	873 618
Periodicals and magazines					
Own publications	Value only	-	406 879	-	419 543
For other publishers	Value only	-	456 442	-	688 199
Books essentially of textual matter Containing at least 49 pages or more					
Religion	Value only	-	42 495	-	42 018
Social sciences					
Education	Value only	-	190 323	-	312 206
Other (political science, etc.)	Value only	-	15 977	-	15 918
Pure sciences (botanical, zoological, etc.) and technology (medical, domestic arts, etc.)	Value only	-	22 718	-	29 814
Literature					
Fiction books	Value only	-	28 419	-	36 448
Other literature	Value only	-	57 120	-	43 617
Other books essentially of textual matter Books containing less than 49 pages	Value only	-	69 466	-	131 665
Other books					
Telephone, business and other directories, excluding guide books	Value only	-	120 570	-	133 720
Financial reports and accounts	Value only	-	18 038	-	49 367
Children's picture and painting books	Value only	-	4 065	-	4 836
Other	Value only	-	53 310	-	144 653
Publishing of recorded media	Value only	-	632	-	1 234
Other printed matter					
Labels and tags					
Tie-on	Value only	-	82 747	-	60 881
Paste-on	Value only	-	187 907	-	286 657

Table 48 - Publishing, printing and reproduction of recorded media sold (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Maps and hydrographic and similar charts, including atlases	Value only	-	21 560	-	30 914
Cheque books	Value only	-	35 075	-	65 427
Cards, not elsewhere specified					
Wedding and visiting cards	Value only	-	13 799	-	8 213
Plain post and correspondence cards	Value only	-	2 878	-	1 410
Greeting cards, invitation cards and picture postcards	Value only	-	54 257	-	79 681
Other	value only	-	12 345	-	12 879
Calendars	Value only	-	36 265	-	60 654
Posters and similar display advertisements	Value only	-	69 415	-	121 792
Publications used for advertising purposes, not elsewhere specified					
Trade catalogues and brochures (price lists, etc.)	Value only	-	129 597	-	286 145
Tourist booklets and pamphlets	Value only	-	22 751	-	43 116
Other	Value only	-	102 693	-	108 418
Other printed matter	Value only	-	297 916	-	509 858
Screen printing	Value only	-	60 180	-	123 016
Bookbinding and work related to bookbinding	Value only	-	22 703	-	26 076
Lithographic processed film and plates					
Bromides, positives and negatives	Value only	-	7 833	-	4 937
Lithographic processed film	Value only	-	149 887	-	224 049
Lithographic processed plates	Value only	-	62 120	-	113 030
Reproduction of recorded media					
Music tapes, floppy, hard or compact discs and video duplication, including music CD's	Value only	-	101 887	-	122 363

Table 48 - Publishing, printing and reproduction of recorded media sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Stationery printed for clients (job printing) Bound in books and pads Writing pads	Value only	-	10 195	-	22 865
Duplicate and triplicate books and pads (e.g. receipt books, order books, invoice books, contract form pads)	Value only	-	145 700	-	138 073
Examination pads	Value only	-	3 149	-	6 467
Other stationery, bound in books and pads	Value only	-	26 737	-	24 781
Not bound in books and pads Reports (e.g. school)	Value only	-	1 003	-	2 449
Business forms	Value only	-	24 004	-	44 179
Envelopes	Value only	-	4 559	-	8 494
Other stationery not bound in books and pads	Value only	-	31 768	-	31 389
Continuous stationery (e.g. telex rolls, computer rolls and computer stationery)	Value only	-	387 535	-	571 972
Other printed matter for clients	Value only	-	101 775	-	382 144

Table 49 - Coke and refined petroleum products sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Petroleum refineries					
Fuel and fuel oils					
Motor fuel					
98 octane	kl	1 878	1 280 664	2 089	1 411 082
93 octane	kl	3 916	2 437 976	5 357	3 521 975
87 octane	kl	187	115 210	62	46 042
Aviation fuel	kl	478	262 861	511	329 486
Kerosene (paraffin)					
Power paraffin and illuminating paraffin	kl	618	387 606	724	545 225
Fuel oil, not elsewhere classified					
Diesel fuel					
Light (automotive)	Value only	-	2 951 132	-	2 885 323
Heavy (e.g. marine)	Value only	-	20 788	-	26 229
Furnace oil					
Light, heavy and sludge oils, including bunker oil	kl	1 658	484 055	2 005	719 976
Lubricating and process oils					
Lubricating oils, excluding process oils					
Automotive (refined and re-refined)	Value only	-	233 195	-	435 506
Other lubricating oils (refined and re-refined)	Value only	-	97 516	-	303 515

Table 49 - Coke and refined petroleum products sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Lubricating grease					
Automotive, including chassis lubricants	kg	12 254	42 123	7 588	35 340
Other	kg	2 685	12 418	1 820	15 933
Waxes and waxy oils, including jelly (e.g. petroleum jelly)	kg	141 584	216 403	117 703	368 521
Tar, pitch and bitumen	kg	..	..	113 751	106 426
Fuel gas					
Liquid petroleum gas and other fuel gas, not elsewhere specified	Value only	-	677 880	-	757 431
Pre-mixed asphalt	m2	547	75 626	1 001	146 084

Table 50 - Chemicals and chemical products sold: Basic chemicals

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Prepared pigments, colours, opacifiers and the like	kg	38 127	293 328	44 089	464 219
Inorganic chemicals and compounds					
Elements					
Gases compressed, including liquefied and solidified					
Hydrogen	kg	2 734	7 288	13 449	21 361
Nitrogen	kg	499 547	114 024	116 635	73 744
Oxygen					
Industrial	Value only	-	218 190	-	88 366
Other gaseous elements	Value only	-	211 556	-	261 167
Sulphur, sublimed or precipitated, colloidal sulphur	kg	141 434	29 089	171 353	75 421
Compounds					
Acids					
Hydrochloric, including hydrogen chloride gas	kg	108 870	62 471	128 978	75 586
Phosphoric	l	417 860	315 308	591 266	834 735
Sulphuric	kg	168 810	21 668	171 480	26 536
Other acids	kg	200 813	205 959	602 108	577 729
Chlorides, oxychlorides and hydroxychlorides	kg	8 305	4 768	5 748	4 801
Cyanides	kg	53 863	199 245	53 979	270 331
Carbon dioxide gas	kg	43 278	27 571	61 959	36 407
Other oxides, sodium hydroxide, hydroxide, peroxide and hypochlorite, chlorites, hypobromites, nitrates and nitrites	Value only	-	625 752	-	480 657
Phosphites, hypophosphites, phosphates and other	kg	68 843	164 466	81 039	196 831
Sulphates	Value only	-	73 920	-	89 836
Other inorganic compounds	Value only	-	599 118	-	1 077 645

Table 50 - Chemicals and chemical products sold: Basic chemicals (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Organic chemicals and compounds					
Hydrocarbons					
Alkanes and cycloalkanes	Value only	-	..	-	39 919
Alkenes, alkynes and derivatives thereof and aromatic hydrocarbon	Value only	-	..	-	249 480
Alcohols and derivatives thereof					
Acyclic alcohols and derivatives thereof					
Alcohols (monohydric)	Value only	-	392 954	-	462 023
Alcohols (polyhydric)	Value only	-	76 702	-	94 291
Phenols and phenol alcohol	kg	59 760	62 335	113 257	155 425
Aldehydes and derivatives thereof	kg	43 506	63 304	37 037	56 766
Ketones and derivatives thereof	Value only	-	..	-	127 852
Other organic chemicals and compounds	Value only	-	239 493	-	323 937
Other organo-inorganic compounds	kg	156 535	212 863	119 502	206 402
Fertilisers					
Nitrogenous fertilisers	t	1 110	540 983	1 339	839 169
Phosphatic fertilisers	t	395	209 453	621	459 990
Other fertilizers	Value only	-	845 439	-	1 382 699

Table 51 - Chemicals and chemical products sold: Plastic in primary form and of synthetic rubber

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Plastic primary forms (liquid, pastes, blocks, powders and similar bulk forms)					
Condensation, polycondensation and polyaddition products					
Aminoplasts					
Polyurethanes	Value only	-	117 368	-	123 413
Other	Value only	-	205 166	-	492 555
Polymerisation and copolymerisation products					
Polystyrene	kg	12 190	49 393	11 945	68 542
Polyacrylic and polymethacrylic derivatives	kg	9 538	33 928	10 517	59 357
Other polymerisation and copolymerisation products	kg	553 996	1 595 872	854 008	3 246 172
Other plastic primary forms	kg	4 664	17 899	9 146	57 010
Crude rubber primary forms					
Synthetic rubber and other rubber primary forms	Value only	-	247 027	-	259 729

Table 52 - Chemicals and chemical products sold: Pesticides and other agro-chemical products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Pesticides and crop protection remedies					
Insecticides					
Organophosphates	Value only	-	52 572	-	71 442
Carbamates and pyrethroides	Value only	-	53 930	-	74 703
Other	Value only	-	79 638	-	153 618
Fungicides	Value only	-	61 995	-	101 086
Herbicides	Value only	-	187 075	-	378 850
Other pesticides and crop protection remedies	Value only	-	166 965	-	145 896

Table 53 - Chemicals and chemical products sold: Paints, varnishes and similar coatings

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Paints and varnishes (including enamels and lacquers) dissolved in a non-aqueous medium					
Brushing enamels	l	25 855	176 366	26 578	267 877
Flat paints	l	2 623	17 245	4 520	42 541
Roof, structural and stoep paints	l	6 692	34 894	7 382	63 047
Undercoats and domestic primers	l	8 869	45 400	6 803	62 861
Roadline paints	l	1 782	11 208	1 313	12 723
Bituminous paints	l	493	2 462	760	5 130
Polyurethane paints	l	5 798	33 998	3 794	61 602
Air drying industrial enamel	l	3 161	23 621	2 041	14 270
Car finishes	l	4 396	63 566	4 606	73 833
Primers, industrial	l	10 534	70 282	7 535	57 099
Chemical resistant coatings	l	1 256	10 897	2 039	31 490
Epoxy coatings, including epoxy tar coatings	l	1 185	14 915	1 437	26 397
Aluminium and heat resisting paints	l	1 385	8 613	2 360	27 333
Varnishes and wood finishes	l	14 877	85 556	14 520	113 859
Brick and stone finishes and general and industrial lacquers	l	13 571	80 461	15 341	100 647
Other paints and varnishes dissolved in a non-aqueous medium	Value only	-	275 591	-	369 599
Paints, dissolved in an aqueous medium					
Polyvinyl acetate and emulsion paints	l	53 759	242 136	62 709	406 751
Other paints, dissolved in an aqueous medium	Value only	-	31 658	-	43 118
Glazing putty	kg	14 407	18 084	14 254	24 810

Table 53 - Chemicals and chemical products sold: Paints, varnishes and similar coatings (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Stoppers, fillers, sealers, grouters and mastics					
Rubber based	kg	1 979	8 592	955	9 687
Synthetic resin based	kg	6 619	35 078	3 831	35 822
Cement based	kg	7 255	16 053	3 743	14 813
Other	Value only	-	61 023	-	132 163
Paint removers and strippers	l	999	5 570	552	6 179

Table 54 - Chemicals and chemical products sold: Pharmaceutical and medicinal chemicals and botanical products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Pharmaceutical chemicals	Value only	-	172 200	-	212 131
Pharmaceutical products					
Central nervous system stimulants					
Anti-depressants	Value only	-	14 212	-	9 375
Other central nervous system stimulants	Value only	-	53 810	-	76 961
Central nervous system depressants					
Sedatives	Value only	-	22 030	-	23 547
Anti-convulsants, including anti-epileptics	Value only	-	11 139	-	21 063
Tranquillisers and narcotic analgesics	1000	314	64 013	275	87 077
Non-narcotic analgesics					
Aspirin (acetylsalicylic acid) and aspirin compounds	1000	686	27 892	802	68 220
Paracetamol (para-amino phenol)	1000	621	68 466	710	119 352
Other non-narcotic analgesics	1000	741	107 676	1 062	281 026
Connective tissue medicines (anti-rheumatics and anti-gout medicines)	Value only	-	54 098	-	43 667
Medicines affecting autonomic functions					
Preparations for the common cold, including preparations containing nasal decongestants, and anti-histaminics	1000	252	57 363	206	61 224
Other medicine affecting autonomic functions	Value only	-	53 408	-	60 800
Medicines acting on the respiratory system					
Antitussives and expectorants	l	1 704	51 860	2 067	107 583

Table 54 - Chemicals and chemical products sold: Pharmaceutical and medicinal chemicals and botanical products (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Vascular medicines	Value only	-	141 216	-	133 690
Medicines acting on the gastro-intestinal tract					
Gastro-intestinal antispasmodics and cholinolytics (anticholinergics)	1000	..	..	106	43 339
Antacids	1000	162	37 555	338	146 341
Laxatives, lubricants and faecal softeners	1000	101	13 418	146	15 539
Other	Value only	-	108 238	-	121 257
Anthelmintics, bilharzia medicines and similar medicines					
Anthelmintics, bilharzia medicines for human consumption	1000's	11	10 092	7	10 697
Anthelmintics used for livestock	Value only	-	101 572	-	153 142
Dermatological preparations					
Antiseptics and cleaning agents	Value only	-	56 284	-	64 403
Antipruritics					
Containing corticosteroids	Value only	-	30 280	-	49 722
Other	Value only	-	5 538	-	6 267
Emollients and protectives	Value only	-	37 491	-	49 833
Fungicides	kg	36	13 461	45	18 391
Acne preparations	Value only	-	19 261	-	43 554
Other dermatological preparations	Value only	-	60 752	-	109 907

Table 54 - Chemicals and chemical products sold: Pharmaceutical and medicinal chemicals and products (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Ear, nose and throat preparations Nasal decongestants	Value only	-	15 338	-	22 891
Aural preparations, ear drops and naso, bucco and pharyngeal antiseptics	Value only	-	7 459	-	13 593
Antimicrobial (chemotherapeutic) agents					
Antibiotics and antibiotic combinations					
Penicillin	1000	134	91 601	191	132 576
Tetracycline and combinations	1000	-	37 205	-	53 917
Antifungal antibiotics	Value only	-	22 035	-	25 996
Broad and medium spectrum antibiotics, not elsewhere specified	Value only	-	55 616	-	81 619
Sulphonamides and combinations	1000	76	13 646	157	7 885
Fungicides and tuberculostatics	kg	71	5 831	54	2 231
Vaccines and antisera (injections) - human and veterinary	Value only	-	17 191	-	33 737
Hormones and anti-hormones, not elsewhere specified					
Preparations put up for injections	Value only	-	102 251	-	137 363
Other preparations (e.g. tablets and creams)	Value only	-	107 839	-	102 038
Vitamins					
Vitamins and multivitamins without minerals	Value only	-	38 373	-	73 892
Vitamins and multivitamins with minerals					
Effervescent tablets and other tablets and capsules	1000	420	52 639	662	81 595

Table 54 - Chemicals and chemical products sold: Pharmaceutical and medicinal chemicals and botanical products (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Liquid forms, including tonics and injectables	litres	514	18 450	641	30 892
Other medicaments, including veterinary medicaments Cardiac medicines and medicines acting on the blood and and haemopoietic system	Value only	-	72 328	-	102 661
Ophthalmic preparations	Value only	-	6 498	-	8 421

Table 55 - Chemicals and chemical products sold: Soap and detergents, cleaning preparations, perfumes and toilet preparations

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Soap and other cleaning compounds					
Soap					
Household and laundry (bars)	kg	64 323	211 090	66 003	250 332
Toilet soap	kg	47 047	213 702	50 312	283 884
Soft soap and liquid soap	kg	2 118	8 605	1 681	9 574
Detergents for washing purposes					
Soap powder	kg	165 902	829 886	178 870	1 120 444
Liquid	litres	102 080	377 688	78 383	337 643
Scouring powders and pastes	kg	8 931	39 332	10 144	66 676
Other cleaning preparations					
Toilet bowl cleaners	kg	1 828	21 523	3 544	31 860
Carpet shampoos and cleaners	kg	2 012	10 265	1 452	11 583
Engine degreasers	kg	2 628	12 714	1 540	12 417
Drain cleaners	kg	126	913	272	3 368
Hand cleaners	kg	2 009	11 670	2 124	17 926
Perfumes, cosmetics, toilet preparations and other beauty aids					
Perfumes	litres	255	56 286	325	98 899
Colognes and toilet water, including lavender	litres	166	42 042	194	63 721
Face, lip and eye cosmetics					
Creams	Value only	-	82 798	-	81 897
Powders	kg	24	8 717	36	14 444
Mascara	kg	8	6 532	17	15 962
Eye-shadows	kg	10	7 272	14	10 169
Lipsticks	kg	21	14 082	25	17 488
Other face, lip and eye cosmetics	Value only	-	59 789	-	46 641

Table 55 - Chemicals and chemical products sold: Soap and detergents, cleaning preparations, perfumes and toilet preparations (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Hand and nail cosmetics					
Hand lotions and creams	kg	3 270	95 005	1 560	113 503
Nail polish (varnish)	l	127	12 296	56	14 070
Other hand and nail cosmetics, including nail polish remover	Value only	-	6 574	-	5 784
Dental and mouth preparations					
Toothpaste	kg	9 609	175 725	11 200	255 296
Other (e.g. mouth washes and sprays)	kg	260	19 299	271	14 265
Hair preparations					
Colour rinses and dyes	kg	663	40 419	707	61 322
Shampoos (liquid, cream and dry)	Value only	-	139 276	-	180 087
Hair sprays (aerosol and other)	kg	-	24 720	-	20 805
Conditioners and setting lotions	l	4 101	81 467	4 089	101 449
Other, including hair straighteners and waving solutions	Value only	-	54 576	-	74 310
Body, general					
Aftershave lotions	l	175	19 839	270	27 483
Body powder (e.g. talc)	kg	784	19 141	966	31 347
Body lotions sun tan lotions and the like	Value only	-	239 167	-	295 510
Body deodorants and anti-perspirants					
Roll-on	kg	1 618	70 959	2 361	93 670
Aerosol	kg	2 603	153 233	2 560	186 743
Other	kg	89	3 712	581	43 146
Bath preparations					
Oils	l	438	11 103	390	5 193
Other (bubble bath, salts etc.)	Value only	-	52 316	-	59 211

Table 55 - Chemicals and chemical products sold: Soap and detergents, cleaning preparations, perfumes and toilet preparations (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Candles	Value only	-	187 231	-	181 792
Chemical products, not elsewhere classified					
Polishes					
Floor and stoep	Value only	-	47 575	-	107 871
Furniture	kg	4 049	39 947	5 910	73 954
Other (e.g. footwear, metal, glass and motor car waxes)	Value only	-	112 037	-	98 878
Leather finishes and waxes					
Leather finishes	l	996	4 234	1 642	9 157
Artificial and prepared waxes	kg	9 239	28 092	7 933	38 471
Inks					
Printing ink					
Offset litho and letterpress	kg	2 309	43 810	22 814	325 178
Other ink (e.g. marking ink and ink reducers) and other printing ink	Value only	-	199 468	-	202 699
Adhesives					
Asphalt, bitumen and pitch (emulsion, solvent based and other)	Value only	-	110 204	-	160 423
Natural proteins and carbohydrates	kg	4 112	16 000	3 440	23 427
Rubber based					
Natural and synthetic	kg	9 557	49 072	11 713	83 943
Epoxy resins and polyester	kg	1 679	14 848	731	12 021
Polyurethane	kg	1 319	9 844	2 152	22 876
Other adhesives	Value only	-	98 925	-	138 618

Table 55 - Chemicals and chemical products sold: Soap and detergents, cleaning preparations, perfumes and toilet preparations (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Chemical preparation and mixtures for specific purposes, not elsewhere classified					
Plasticisers and stabilisers	Value only	-	65 691	-	84 769
Flotation agents	kg	11 881	76 524	24 695	133 410
Water treatment chemicals, not elsewhere specific	kg	40 879	102 274	81 499	305 909
Essential oils	l	390	7 928	370	11 010
Industrial monocarboxylic fatty acids and acid oils	Value only	..	..	235 412	326 639
Air fresheners and room deodorisers					
Aerosols	kg	3 662	42 841	2 107	36 256
Other (blocks, etc.)	kg	938	9 602	1 616	15 516
Bleach (liquid and powder)	Value only	-	42 540	-	24 754
Disinfectants					
Detergents/sterilisers	l	12 930	84 180	6 463	46 947
Other	l	653	2 675	1 396	12 909
Wood preservatives	Value only	-	39 847	-	16 638
Other chemical preparations	Value only	-	60 972	-	39 056

Table 56 - Rubber products sold: Tyres and tubes

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Rubber tyres, tyre cases, interchangeable tyre treads, inner tubes and tyre flaps					
Tyres: pneumatic, new for -					
Motor cars					
Motor cars (e.g. radial ply)	Number	4 535	630 261	4 759	823 289
Light trucks (LDV's)	Number	1 613	307 542	1 989	485 147
Buses and giant trucks	Number	535	367 231	629	546 872
Implements and tractors					
Implement and front tractor tyres	Number	95	18 789	198	55 548
Rear tractor tyres	Number	82	62 542	89	99 724
Graders	Number	11	11 794	10	15 500
Earth movers	Number	21	91 171	28	128 590
Other pneumatic tyres and solid wheels	Value only	-	58 566	-	15 838
Retreads	Value only	-	81 730	-	75 895
Inner tubes, new, for -					
Motor cars and light trucks	Number	1 649	39 200	1 176	46 997
Other inner tubes and tyre cases, interchangeable treads and tyre flaps	Value only	-	37 173	-	120 654

Table 57 - Rubber products sold: Other

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Materials of natural or synthetic rubber (basic shapes)					
Unvulcanised rubber (plates, sheets, granules, etc.)					
For retreading (camelback)	kg	16 008	85 001	26 484	205 212
Masterbatch and other unvulcanised rubber	kg	5 313	38 786	2 529	30 907
Vulcanised rubber thread and cord, whether or not textile covered and textile thread, impregnated or covered with unvulcanised rubber	Value only	-	11 822	-	8 225
Transmission, conveyor or elevator belts or belting	Value only	-	226 167	-	326 784
Rubber parts, not elsewhere classified, for -					
Industrial and mining machinery and equipment (e.g. gaskets, mountings, washers, sealing strips and linings)	Value only	-	65 595	-	63 840
Motor vehicles	Value only	-	15 041	-	74 487
Other rubber parts	Value only	-	5 637	-	13 081
Other rubber products					
Linings	kg	2 641	27 513	3 424	24 681
Rollers	Number	131	29 702	204	18 799
Other articles of unhardened vulcanised rubber					
Moulded					
Industrial	Value only	-	10 780	-	6 174
Other	Value only	-	4 308	-	7 297
Extruded					
Industrial and other, including hand-made articles of unhardened vulcanised rubber	Value only	-	8 907	-	12 432
Other articles of hardened rubber	Value only	-	2 444	-	13 234

Table 58 - Plastic products sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Plastic basic shapes					
Foam slabs, blocks and sheets, excluding mattresses					
Polyurethane	kg	9 643	151 228	12 800	220 226
Polyurethane rigid and flexible	Value only	-	53 228	-	51 677
Polystyrene and other plastic basic shapes					
Film of a thickness up to 1 millimetre (not converted to product or semi-finished product)					
Polyethylene	kg	16 173	107 639	27 432	283 414
Other (e.g. polystyrene and polipropylene)	Value only	-	194 039	-	147 968
Sheet of a thickness above 1 millimetre	kg	21 521	269 803	19 920	287 465
Profile extrusions	Value only	-	16 347	-	25 578
Profiles (e.g. polyethylene, polyvinyl chloride and polystyrene)	Value only	-	129 222	-	116 433
Kitchen utensils and tableware					
Cutlery	Value only	-	..	-	25 295
Hollowware					
Mugs and cups, including saucers	Number	5 320	..	5 550	13 609
Other hollowware (e.g. complete units, parts of vacuum flasks and moulds)	Value only	-	91 523	-	112 251
Bathroomware, including toilet fittings and fixtures, excluding pipes and tubes					
Toilet seats, basins, cisterns, soap dishes and holders and towel rails	Value only	-	14 881	-	24 935
Baths, and other bathroomware	Value only	-	73 101	-	88 363
Hose, pipes and tubes					
Hose, including air and water hose, pressure hose and other (e.g. garden, swimming and dragline irrigation hose)	m	49 001	98 207	41 254	181 856

Table 58 - Plastic products sold (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Pipes and tubes	Value only	-	286 980	-	465 455
Valves and taps (plastic)	Value only	-	25 659	-	42 359
Pipe fittings					
Polyvinyl chloride	kg	4 624	45 489	3 393	52 486
Other	kg	1 938	8 340	2 540	16 743
Building and construction material, other than hose, pipes and tubes					
Flooring materials and roofing	Value only	-	83 710	-	108 165
Other building and construction material	Value only	-	38 909	-	99 723
Furniture of plastic and fibreglass	Value only	-	65 304	-	66 099
Containers for conveyance or packing of liquids and solids, excluding bags and sacks					
Silos and tanks	kg	1 257	16 141	1 123	33 047
Crates, barrels, drums and boxes	kg	11 340	110 954	22 941	220 533
Cups and tubs (packaging and food containers)					
Under 370 ml	kg	4 567	97 391	3 547	143 306
370 ml and above	kg	2 299	29 853	4 130	55 122
Other containers (bottles, etc.), excluding travel goods, water buckets, pails and watering cans					
Capacity 2 litres and less					
Medical and pharmaceutical containers, including bottles	kg	3 001	36 582	4 055	51 218
Cosmetics (shampoos, creams, etc.)	kg	5 271	60 087	6 727	85 830
Milk and beverages	kg	15 957	239 950	36 079	450 724

Table 58 - Plastic products sold (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Household liquids (oil, vinegar, etc.)	kg	13 637	138 698	12 627	134 655
Industrial liquids (motor oil, brake fluid, etc.) and chemicals	kg	2 664	36 545	3 415	52 487
Capacity above 2 litres	kg	3 624	45 022	5 355	61 138
Plastic					
Bags (plain and printed), excluding knitted and woven plastic bags					
Polyethylene bags					
Linings for boxes, drums, bags, etc.	kg	13 940	103 866	21 376	153 307
Industrial sleeving	kg	3 139	20 724	2 649	20 197
Pallet shroud, fertilizers and chemicals	kg	8 992	42 188	4 580	31 549
Refuse bags	kg	3 228	18 336	2 579	20 269
Carrier, carry and self-opening bags	kg	29 045	170 549	39 103	322 936
Bags for consumables (bread, vegetable, etc.) (single layer)	kg	6 041	39 346	8 336	70 206
Other polyethylene bags	Value only	-	41 577	-	30 261
Polypropylene bags	Value only	-	66 535	-	64 495
Bags of other plastic material	kg	5 628	49 428	9 458	105 322
Polyethylene bags, knitted and woven (plain and printed) (e.g. citrus and vegetable pockets)	kg	5 150	32 563	6 422	74 825
Other plastic products					
Closures (tops, discs, etc.)	kg	11 718	77 158	22 038	239 472
Garden and nursery articles, including seedtrays, sprinklers, micro jets and similar irrigation equipment	Value only	-	16 226	-	19 843
Swimming pool equipment, excluding swimming pool cleaning hose	Value only	-	33 562	-	63 969
Bobbins, spools, cones and similar supports and licence disks and furniture leg cups	Value only	-	3 007	-	2 405
Handles (tools, etc.)	kg	1 336	11 490	1 772	26 121

Table 58 - Plastic products sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Traffic aids, goggles, guards and protectors	Value only	-	22 884	-	33 437
Plastic rigid packaging, not elsewhere classified (egg trays, fruit trays, bottle trays and other)	Value only	-	169 775	-	166 285
Bushes	kg	256	5 192	381	12 263
Tape	kg	1 437	37 198	1 530	51 962

Table 59 - Non-metallic mineral products sold: Glass and glass products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Safety glass Toughened and laminated glass for the motor, building and other industries	m ²	5 484	273 126	4 385	579 502
Glass mirrors, whether or not framed, including rear view mirrors	Value only	-	35 766	-	61 440
Containers of glass, bottles and other domestic glassware	Value only	-	777 346	-	1 130 722
Laboratory glassware	Value only	-	2 170	-	2 031

Table 60 - Non-metallic mineral products sold: Refractory ceramic products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bathroom and sanitary fixtures					
Wash basins	Number	206	17 043	254	27 853
Cisterns and baths	Number	130	15 997	253	40 270
W.C. pans and bidets	Number	287	27 958	385	45 368
Table ware					
Porcelain or china	Value only	-	34 656	-	62 458
Other earthenware					
Cups and saucers	Value only	-	392	-	116
Mugs (e.g. beer or coffee)	Value only	-	1 346	-	1 593
Plates					
Small, medium and large	Value only	-	1 311	-	991
Soup plates and meat platters	Value only	-	75	-	70
Dishes, bowls and casseroles					
Sugar bowls and gravy boats	Value only	-	301	-	105
Other dishes, bowls and casseroles	Value only	-	250	-	570
Salt and pepper	Value only	-	100	-	30
Statuettes	Value only	-	1 074	-	1 372
Ornamental ware					
Lamp bases	Value only	-	933	-	1 319
Vases and florist bowls	Value only	-	1 751	-	726
Other ornamental ware	Value only	-	9 215	-	6 763
Electric insulators and insulating fittings - porcelain	Value only	-	30 335	-	48 939

Table 61 - Non-metallic mineral products sold: Structural non-refractory clay and ceramic products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bricks and blocks, excluding refractory products					
Bricks					
Building					
Stocks (commons)	1000	1 038	223 007	1 028	335 222
Face and fair face	1000	534	218 388	531	276 262
Clinker and other building bricks	1000	195	59 674	293	92 979
Paving	1000	149	58 842	121	67 244
Blocks					
Building and paving	1000	41	23 181	15	10 210
Glazed mosaic and roofing tiles, including other tiles, tile pieces for finishing and other products	Value only	-	-	-	38 615
Floor and sill tiles (glazed and unglazed)	m ²	2 459	61 266	4 975	132 827
Glazed wall tiles, other tiles and tile pieces for finishing (excluding mosaics)	m ²	3 746	98 941	4 402	111 642
Refractory products					
Shapes (e.g. fireclay (acid), magnesite (basic), silica and dolomite)	Value only	-	328 333	-	391 002
Monolithics	Value only	-	126 562	-	202 701
Other refractory products	Value only	-	85 740	-	82 544

Table 62 - Non-metallic mineral products sold: Cement, lime and plaster

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Cement					
Clinker	t	830	76 579	996	127 959
Portland cement					
Ordinary	t	5 089	836 133	5 808	1 295 089
Rapid hardening	t	691	115 493	942	219 264
Other cement products	Value only	-	354 660	-	440 532
Products of vegetable fibre, agglomerated with cement, plaster or other mineral binding substances, including plastering materials (gypsum) and products thereof	Value only	-	105 551	-	179 441
Asbestos-cement products	Value only	-	283 218	-	326 748
Worked asbestos and products thereof (e.g. insulators, boards and sheets and gaskets)	Value only	-	42 538	-	48 937

Table 63 - Non-metallic mineral products sold: Articles of concrete, cement and plaster

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Cement tiles					
Roofing	m ²	8 247	101 025	9 037	144 698
Flooring					
Terazzo	m ²	346	10 992	299	14 898
Other, including other cement and concrete tiles	m ²	118	6 138	109	8 575
Cement bricks, building and paving	1000	310	80 084	665	175 855
Cement blocks					
Building					
Hollow	1000	58	51 430	42	58 276
Solid	1000	20	9 011	15	7 077
Other cement blocks	1000	28	20 285	40	29 368
Paving (interlocking, etc.)	1000	192	54 067	326	143 510
Concrete pipes	t	306	108 496	286	127 271
Columns	t	5	907	6	2 153
Poles	t	34	13 436	82	24 659
Garden ornaments	Value only	-	2 460	-	2 831
Kerbs	Value only	-	14 402	-	15 238
Sills and thresholds	Value only	-	895	-	2 186
Airvents	Number	64	108	78	207
Lintels	m	2 709	14 657	2 727	18 388
Prefabricated concrete walls	m	1 285	69 181	1 402	83 741

Table 63 - Non-metallic mineral products sold: Articles of concrete, cement and plaster (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Building sections, not elsewhere classified	Value only	-	17 049	-	19 305
Ready-mixed concrete	m ³	1 318	257 388	2 372	565 618
Dry mixtures of sand, cement for - Building and other, including screeding	kg	55	11 363	1 105	25 409

Table 64 - Non-metallic mineral products sold: Stone

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Worked monumental stone					
Marble					
Blocks, slabs and other	Value only	-	691	-	1 747
Tombstones, memorials and the like	Value only	-	4 504	-	7 477
Granite					
Blocks, slabs, etc.	Value only	-	32 286	-	61 123
Tombstones, memorials and the like	Value only	-	47 913	-	52 214
Building stone and other stone products					
Granite blocks and slabs, other building stone and marble (e.g. statuettes, lampbases and vases)	Value only	-	34 962	-	63 356

Table 65 - Non-metallic mineral products sold: Abrasives

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Abrasives					
Bonded abrasives	Value only	-	66 739	-	137 541
Abrasive powder or grain, on a base of e.g. woven fabric or paper	m ²	4 627	85 627	2 509	57 409

Table 66 - Basic metals sold: Basic iron and steel

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Primary forms and products, as well as those in granular or powder form					
Ferro-alloys					
Ferro-silicon and ferro-manganese	t	470	837 653	641	1 375 190
Ferro-chrome	t	855	1 059 620	1 665	3 353 855
Other ferro-alloys	t	302	477 238	253	487 114
Other basic primary forms and products	Value only	-	189 372	-	312 231
Iron and non-alloy steel					
Iron and non-alloy steel in ingots or other primary forms	Value only	-	567 760	-	494 329
Iron castings (e.g. grey iron, malleable iron and white iron)	Value only	-	479 744	-	815 005
Steel castings					
Non-alloy steel	t	12	75 002	29	110 009
Alloy steel	t	70	215 657	115	418 548
Ingots and other semi-finished products	Value only	-	92 490	-	106 099
Flat-rolled products					
Flat-rolled products of a width of 600mm or more, whether clad, plated or coated	t	4 345	4 618 908	3 766	6 721 697
Flat-rolled products of a width of less than 600mm, whether clad, plated or coated	t	127	394 065	199	886 846
Bars and rods	t	755	972 390	517	742 012
Angles, shapes and sections					
U, I, or H sections, not further worked than hot-rolled, hot-drawn or extruded	t	347	347 015	483	562 362
L or T sections, not further worked than hot-rolled, hot-drawn or extruded	t	237	213 667	243	279 792
Other angles, shapes and sections					
Round, with a cross-sectional dimension of less than 45mm and more	t	164	239 099	220	326 656

Table 66 - Basic metals sold: Basic iron and steel (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Squares, less than 38mm and more Other angles, shapes and sections	t Value only	40 -	46 282 424 180	24 -	41 022 494 490
Other alloy steel (excluding stainless steel) Ingots, semi-finished products, flat-rolled products, bars and rods, angles, shapes and sections	Value only	-	509 867	-	1 480 610
Other products of iron and steel (including those of stainless steel) Welded angles, shapes and sections, railway or tramway track construction material and sleepers and fish plates	t	72	95 525	53	89 075

Table 67 - Basic metals sold: Steel pipes and tubes

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Tubes, pipes, hollow profiles and other shapes					
Ferrous					
Of cast iron	t	11	37 804	15	84 599
Of stainless steel	t	9	99 602	12	143 050
Welded tubes and pipes	t	383	869 021	427	1 291 481
Tube or pipe fittings					
Ferrous					
Cast iron (threaded fittings)	t	44	238 840	68	413 552
Other (e.g. bends and springs, nipples and cold-formed open sections)	t	51	155 306	41	162 820

Table 68 - Basic metals sold: Copper and products thereof

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Copper and products thereof					
Refined copper and copper alloys unwrought					
Copper alloys					
Bronze	t	3	21 510	1	7 312
Other (e.g. gunmetal, leaded bronze, phosphor bronze and aluminium bronze)	t	5	34 473	2	26 600
Copper shapes and profiles	t	5	39 923	5	77 361
Copper tubes and pipes	t	13	140 132	7	125 689
Copper tube and pipe fittings	t	1	18 219	3	51 444
Other products of copper and alloys of copper	Value only	-	250 711	-	557 988
Aluminium and products thereof					
Unwrought aluminium					
Aluminium alloys and not alloyed, including shapes, profiles and hollow bars	t	290	1 082 047	359	2 873 904
Aluminium powders, flakes and paste	Value only	-	31 449	-	97 966
Aluminium bars and rods	t	119	557 507	147	1 072 070
Aluminium tubes and pipes	t	4	55 800	3	38 795
Other aluminium products, including waste and scrap, wire, plates, sheets and strips, foil and tube and pipe fittings	Value only	-	711 070	-	597 787
Zinc and products thereof					
Unwrought zinc, bars, rods, profiles and wire	t	116	410 615	114	444 883
Lead and articles thereof					
Unwrought lead, waste and scrap, bars, rods, profiles, wire and other	Value only	-	129 745	-	128 006
Precious metals and semi-precious metals	Value only	-	269 923	-	366 288

Table 69 - Fabricated metal products sold: Structural metal products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Builders' hardware					
Doors, frames and jambs of metal					
Doors					
Industrial	Value only	-	51 766	-	70 287
Yard gate or chawl doors (galvanised or painted)	Number	27	4 965	23	13 139
Garage doors					
Roll-up	Number	55	21 782	43	19 920
Other (e.g. sliding doors and remote control)	Value only	-	37 229	-	58 899
Door frames and jambs	Number	826	43 492	827	67 056
Windows and frames					
Ferrous	Value only	-	99 678	-	146 174
Non-ferrous	Value only	-	89 472	-	118 770
Fittings for windows, doors and door frames, excluding handles	Value only	-	47 226	-	96 637
Structures complete or incomplete, whether assembled or not, mainly of iron or steel					
Prefabricated buildings					
Houses	m ²	21	16 665	23	22 728
Offices and factories	m ²	164	47 777	114	73 031
Other, including wendy houses, hangers and parts for prefabricated buildings	Value only	-	91 018	-	121 272
Metal structures (complete or incomplete)					
Mine shaft sets, pitprop sets and similar mining structures	t	19	54 462	25	99 259
Chimneys	t	0	826	1	1 582
Fire escapes	t	1	3 155	1	2 841
Stairs, balustrades and railings	t	7	36 479	7	40 902
Other structures, including lattice masts or poles for telegraph lines, electric power lines or other lighting and bridge sections	t	65	220 073	89	362 529
Structures of non-ferrous metals (complete or incomplete)	t	7	39 105	7	38 838

Table 69 - Fabricated metal products sold: Structural metal products (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Other structural steelwork					
Columns and beams	t	36	154 327	74	279 399
Roof trusses	t	19	57 481	68	55 283
Other	t	74	332 506	95	662 161
Reinforcing metal work	t	94	184 840	135	335 506
Other structural metal products, excluding boilers					
Power transmission and telegraph line equipment (telegraph ironwork, crossbars, etc.)	Value only	-	40 093	-	40 748
Curtain rails and fittings	Value only	-	20 055	-	26 226
Gutters and downpipes	Value only	-	45 618	-	42 019
Ventilators, hoods, booths, cowls, ducting and similar sheet metal work	Value only	-	116 395	-	185 414
Other, including pelmets, roof tiles and culverts	Value only	-	218 284	-	455 721

Table 70 - Fabricated metal products sold: Tanks, reservoirs and similar containers of metal

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Tanks, reservoirs and similar containers (iron or steel, including stainless steel)					
Ambient and low pressure tanks and reservoirs					
Flat sheet and plate					
Standard - shop fabricated, in cubic metres					
Up to 9 m3	Number	1 807	15 638	4 471	32 891
10 to 49 m3	Number	683	14 583	823	17 973
50 to 99 m3	Number	234	22 450	411	29 033
100 to 250 m3 and above	Number	140	33 200	167	51 521
Field-erected tanks and road-tanker vessels	Value only	-	25 401	-	112 962
Corrugated sheet					
Reservoirs	Value only	-	18 454	-	76 682
Pressure storage tanks	Number	3 884	68 546	6 365	89 106
Pressure vessels	Number	..	..	1 415	336 452

Table 71 - Fabricated metal products sold: Steam generators

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Steam generators (except central heating boilers) Boilers Shell boilers and watertube boilers	Value only	-	83 188	-	71 907
Parts, excluding ducting, hoods and auxiliary plants for use with steam and other vapour generating boilers (burners, economisers, steam, accumulators, feedwater evaporators, etc.)	Value only	-	344 190	-	661 709

Table 72 - Fabricated metal products sold: Cutlery, hand tools and general hardware

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Kitchen and tableware					
Cutlery					
Spoons, forks and knives	Number	2 351	1 924	2 676	2 995
Hollowware					
Plated with precious metal, nickel or chromium	Number	-	6 315	-	8 263
Frying pans, roasting pans, casseroles and the like (stainless steel, etc.)	Value only	-	41 787	-	23 174
Baking trays and pans, stew pans and pressure cookers	Number	-	90 909	-	80 180
Other hollowware	Value only	-	99 765	-	74 694
Hand tools and implements					
Non-mechanical, excluding knives and cutting blades					
Agricultural, horticultural or forestry	Value only	-	53 190	-	59 273
Metalworkers' and mechanics' tools					
Pliers, including cutting pliers and pincers	Number	839	12 951	698	18 523
Files, vices and pipe wrenches	Value only	-	12 414	-	18 471
Other, including shifting spanners, spanners, drive sockets and accessories	Value only	-	49 867	-	60 573
Carpenters' and bricklayers' tools	Value only	-	9 691	-	7 801
Other non-mechanical hand tools, including sawblades of all types					
Sawblades (hand or machine)	Number	7 900	29 758	5 656	30 360
Other non-mechanical hand tools	Value only	-	35 819	-	48 450
Knives, excluding kitchen and table knives	Number	579	7 256	-	12 633
Cutting blades (e.g. for use with agricultural machines)	Value only	-	15 346	-	27 168

Table 72 - Fabricated metal products sold: Cutlery, hand tools and general hardware (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Other general hardware					
Locks and padlocks (e.g. cylinder locks)	Number	12 915	118 427	11 610	147 214
Hinges	Value only	-	20 671	-	17 936
Fire-fighting equipment other than fire engines	Value only	-	20 456	-	24 074
Awnings	Value only	-	6 758	-	9 745
Steel (e.g. plates, bars and sections) cut and/or bent according to client specification	Value only	-	273 013	-	525 182
Dies for -					
Pressings and stampings	Value only	-	40 299	-	94 207
Extrusions and other	Value only	-	89 800	-	97 268

Table 73 - Fabricated metal products sold: Metal containers

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Containers for conveyance or packing of liquids and solids, excluding cylinders (pressure), strongboxes, trunks, toolboxes, etc. Ferrous metals					
Drums up to 299 litres	Number	7 904	250 751	8 257	312 769
Cans and tins, excluding agricultural dairy cans					
Liquid (e.g. beverages)	Value only	-	844 387	-	916 160
Other (e.g. aerosol)	Number	1 583 624	668 541	1 957 283	1 458 494
Non-ferrous metal cans, bins, collapsible tubes, dish ends, tanks and other containers	Value only	-	91 215	-	51 410
Other containers					
Cylinders (gas, etc.)					
Iron or steel, including stainless steel					
Welded	Value only	-	38 346	-	46 649
Safes, strongboxes, deed-boxes and the like of base metal					
Safes and strongboxes	Number	31	49 436	24	64 087
Strongrooms, including strongroom doors	Number	11	5 230	58	14 997
Tool-boxes	Number	17	1 280	23	2 811
Closures (stoppers, seals, etc.)					
Bungs and flanges	1000	49	18 060	117	54 972

Table 74 - Fabricated metal products sold: Cables and wire products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Woven wire mesh, wire netting and other wire products, including expanded metal, excluding wire strands and ropes, insulated wire and cables					
Ferrous metals					
Woven wire					
Heavy duty	m ²	266	40 270	417	78 748
Light duty	m ²	224	16 188	319	40 938
Wire netting (fencing, etc.)					
Diamond	t	20	48 837	19	64 851
Other wire netting, including expanded metal and products thereof	t	61	128 477	52	125 576
Wire products					
Grill and reinforcing fabric, other than woven					
Strips for brickwork	t	3	8 535	5	19 381
Other	Value only	-	26 542	-	70 574
Trays, grids, baskets, dish driers, strainers, shelves, etc.	Value only	-	19 692	-	28 553
Other wire products (e.g. guards, safety fences, wire trolleys)	Value only	-	69 960	-	67 874
Non-ferrous metals					
Aluminium and alloys of aluminium, copper and alloys of copper and other	Value only	-	202 782	-	355 236
Ferrous wire, excluding insulated wire and cables					
Plain					
High tensile steel wire, not coated and coated with zinc	t	92	114 266	119	144 934
Mild steelwire - not coated	t	49	72 663	40	80 384
Barbed wire and other mild steel wire	t	183	363 462	206	562 879
Gates					
Wire mash	t	-	15 414	-	22 343
Wrought-iron gates	Value only	-	27 311	-	56 564

Table 75 - Fabricated metal products sold: Springs, metal fasteners and other metal products

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Springs and leaves for springs					
Ferrous road springs for vehicles, including motor cycles					
Leaf springs and leaves thereof	Number	366	58 937	516	91 160
Coil springs	Number	2 002	31 290	3 072	41 765
Other road springs	Number	1 309	22 755	1 464	34 880
Other springs and leaves for springs (e.g. locomotive and railway rolling stock springs)	Value only	-	85 470	-	121 693
Wire nails	kg	17 036	38 403	23 034	89 742
Screws					
Wood screws (ferrous and non-ferrous)	1000	219	7 438	290	12 662
Roofing screws, excluding hook and gutter bolts	1000	222	14 759	146	14 493
Machine screws (ferrous and non-ferrous)	1000	200	5 910	230	8 523
Other screws	Value only	-	7 849	-	7 054
Standard bolts and nuts					
Mild steel	kg	16 014	81 643	26 292	159 216
Other standard bolts and nuts	Values only	-	56 109	-	94 984
Gutter and verandah bolts and nuts and roofing hookbolts	kg	909	3 713	574	4 827
Other bolts and nuts, including u-bolts and expanding anchor bolts	kg	2 924	21 357	2 193	23 146
Rivets	kg	112	487	187	471
Stationery fasteners	Value only	-	146 363	-	162 588
Ferrous and non-ferrous washers	kg	4 213	14 283	6 325	21 621
Iron and steel chains and parts for chains	Value only	-	79 145	-	77 861

Table 75 - Fabricated metal products sold: Springs, metal fasteners and other metal products (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Toilet and sanitary articles for indoor use of iron or steel	Value only	-	10 989	-	12 729
Urinals and wash basins and wash troughs	Value only	-	40 287	-	50 637
Other, including sinks					
Storage hot-water heaters (non-electric) and solar heaters	Value only	-	3 719	-	5 843
Steel wool	kg	1 364	9 945	1 951	15 118
Locomotives, other railway equipment and parts thereof	Value only	-	30 954	-	29 014

Table 76 - Machinery and equipment sold: Engines and turbines and parts for engines

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Engines and turbines					
Internal combustion piston engines					
Complete vehicle engines and parts for engines	Value only	-	513 605	-	709 049
Hydraulic engines and motors (e.g. hydro electric turbines)	Value only	-	7 914	-	8 939
Steam turbines for power-stations and other engines, excluding windmill engines	Value only	-	17 824	-	8 697
Pumps, compressors, taps and valves					
Hydraulic power engines and motors which consist of powerful pumps	Value only	-	94 844	-	95 541
Tools for turning, drilling, planing, boring or grinding	Value only	-	86 932	-	109 699
Tools for working metal	Value only	-	71 358	-	121 722
Stamping, pressing and machine tools	Value only	-	84 890	-	93 060
Welding, brazing and cutting machines and apparatus and parts	Value only	-	47 252	-	91 834

Table 77 - Machinery and equipment sold: Manufacture of pumps, compressors, taps and valves

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Pumps for liquids					
Pumps used for the delivery of fuel, with measuring devices and parts	Value only	-	107 728	-	107 791
Turbo pumps (centrifugal, etc.)					
With integrated power unit or with power unit on a common base					
Low pressure	Value only	-	34 135	-	58 530
High pressure	Number	1 428	13 018	2 875	51 063
Without integrated power unit or without power unit on a common base					
Low pressure - up to and including 150 mm	Number	2 920	25 080	2 883	24 742
Positive displacement pumps	Number	2 426	23 167	5 526	34 621
Other pump units					
With integrated power unit or with power unit on a common base					
Low pressure - 150 mm and above	Number	9 181	20 579	17 415	64 536
Parts for pumps	Value only	-	214 596	-	280 121
Compressors, excluding compressors for refrigeration units					
Stationary and portable	Value only	-	11 067	-	19 059
Parts for compressors	Value only	-	14 182	-	26 131
Air and vacuum pumps, including parts	Value only	-	50 985	-	49 774
Taps, cocks, valves and similar appliances of metal					
Pressure reducing and regulating control	Value only	-	13 581	-	33 857
Safety valves - air, gas, steam and liquid	Value only	-	13 636	-	21 653
Other valves	Value only	-	320 298	-	496 063
Parts for taps, cocks and valves	Value only	-	34 740	-	47 505

Table 78 - Machinery and equipment sold: Bearing, gears, gearing and driving elements

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Bearings					
Bearings, including friction and anti-friction	Value only	-	95 786	-	165 419
Parts and accesories for bearings	Value only	-	19 025	-	28 326
Gaskets and similar joints of metal sheeting, combined with other material, or of laminated metal foil	Value only	-	19 424	-	26 504
Power transmission and related equipment for machinery					
Transmission shafts, cranks and propeller shafts	Number	321	596	24 457	46 906
Gears, gearing and gearboxes					
Complete	Value only	-	99 816	-	101 357
Parts	Value only	-	131 195	-	183 801
Other power transmission equipment, including flywheels	Value only	-	64 324	-	85 689
Ovens, furnace and furnace burners					
Electric furnace and ovens	Value only	-	36 138	-	92 076
Other, e.g. burners for liquid, fuel pulverized, solid fuel or gas	Value only	-	50 457	-	92 283

Table 79 - Machinery and equipment sold: Lifting and handling equipment

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Mechanical handling equipment (lifting, handling or loading equipment, conveyors, etc.)					
Pulley blocks and parts	Value only	-	28 483	-	38 848
Hoists					
Pneumatic-operated chain and rope hoists and electrically-operated chain and rope hoists	Value only	-	3 287	-	5 558
Hoist accessories and parts	Value only	-	..	-	29 801
Lifting jacks					
For automotive and other purposes	Value only	-	30 555	-	36 508
Parts for jacks	Value only	-	1 886	-	2 804
Winches, capstans, etc.					
Mine winding winches	Number	599	15 610	739	16 101
Other winches and capstans, including windlasses, reels and ginwheels	Value only	-	34 533	-	35 792
Parts for winches, capstans, etc.	Value only	-	11 169	-	9 627
Cranes					
Overhead travelling and goliath type cranes and parts	Value only	-	55 402	-	71 320
Other cranes, including tower cranes and parts					
Complete	Value only	-	55 003	-	78 761
Parts	Value only	-	2 500	-	5 292
Other mechanical handling equipment (lifting, handling, etc.)					
Passenger lifts, including parts	Value only	-	90 784	-	81 466
Goods lifts and hoists and parts	Value only	-	13 742	-	10 297
Conveyors and elevators and parts	Value only	-	174 612	-	311 267
Fork lift trucks	Number	2 816	210 341	2 484	274 047
Parts for handling equipment	Value only	-	28 564	-	16 398

Table 80 - Machinery and equipment sold: Other general purpose machinery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Air-conditioning machines, self-contained, comprising a motor-driven fan and elements for changing temperature and humidity of air					
Containing heating element					
Room and packaged air-conditioners	Value only	-	62 599	-	78 403
Industrial and automotive air-conditioners	Value only	-	172 648	-	268 561
Not containing a heat element					
Room and industrial air-conditioners	Value only	-	38 841	-	85 272
Air humidifiers, dehumidifiers, ionisers and air distributors, excluding ducting, etc.	Number	3 577	5 567	13 100	27 859
Heating equipment, not elsewhere classified					
Space heaters (liquid and solid fuel), non-electric and electric	Value only	-	31 250	-	44 555
Other	Value only	-	40 939	-	25 718
Refrigerating equipment					
Supermarket self-service refrigerated display cabinets	Value only	-	35 727	-	132 971
Parts for non-domestic refrigerators and freezers	Value only	-	16 972	-	78 572
Other refrigerating and freezing equipment	Value only	-	70 698	-	105 677
Heat exchangers	Number	3 419	224 789	4 507	162 412
Fans, blowers and the like (non-domestic)					
Axial (propeller and turbine) ventilating fans	Number	8 017	21 093	8 872	31 309
Other fans, blowers and parts	Value only	-	63 535	-	103 823
Filtering and purifying machinery and apparatus, excluding those for motor vehicles					
Filter units (water filtering and purifying machinery and apparatus)	Value only	-	23 132	-	36 203
Air filter assemblies	Value only	-	5 388	-	5 960
Air washers and scrubbers and other filter elements	Value only	-	23 885	-	56 473

Table 81 - Machinery and equipment sold: Agricultural and forestry machinery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Soil preparation and cultivation machinery					
Mouldboard ploughs with shearbolt protection, hydraulic spring protection and other mouldboard ploughs	Number	358	1 563	780	4 791
Disc harrows and parts for disc harrows	Value only	-	3 494	-	3 844
Tine implements, cultivators and parts	Value only	-	20 380	-	17 413
Other soil preparation and cultivation machinery	Value only	-	2 790	-	1 944
Planting and seeding equipment	Value only	-	11 001	-	31 301
Harvesting equipment, excluding hay and silage machinery	Value only	-	12 485	-	13 252
Hay and silage machinery, hammermills, feed mixtures, potato graders and sorting tables	Value only	-	19 094	-	25 028
Other agricultural machinery					
Agricultural tractors	Value only	-	72 143	-	56 230
Wheel type parts and works tractors parts	Value only	-	2 498	-	2 726
Lawnmowers (domestic)	Value only	-	32 582	-	42 986
Internal combustion engines and parts	Value only	-	16 078	-	19 109
Earth-moving and loading equipment	Value only	-	1 513	-	1 818
Pipes and fittings for irrigation systems	kg	2 504 587	18 535	1 681 387	19 852

Table 82 - Machinery and equipment sold: Machine tools and machinery for metallurgy

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Interchangeable tools (e.g. tool tips and plates)					
Earth-boring drill bits	Value only	-	35 425	-	62 402
Rock drill bits	Value only	-	215 116	-	193 803
Cutting tools for working metal	Number	165 799	15 457	221 951	20 528
Other, including twist drills	Value only	-	15 199	-	24 912
Tool tips and plates, sticks, etc. for tool tips unmounted	Value only	-	31 122	-	64 000
Sawing machines with self-contained electric motors	Value only	-	3 805	-	6 698
Hand tools, pneumatic or with self-contained non-electric motors (e.g. rockdrills, paving breakers and parts)	Value only	-	111 303	-	170 213
Machinery for metallurgy	Value only	-	26 765	-	79 091

Table 83 - Machinery and equipment sold: Machinery for mining, quarrying and construction

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Excavating, levelling, tamping, boring and extracting machinery for earth, minerals or ores, excluding hand tools					
Dozers	Value only	-	57 604	-	138 988
Graders and scrapers					
Graders, scrapers and parts	Value only	-	71 104	-	161 179
Soil scoops and parts	Value only	-	77 260	-	100 029
Road rollers	Value only	-	8 675	-	9 036
Diggers and loaders					
Complete	Number	715	138 954	873	209 459
Parts	Value only	-	31 878	-	64 221
Boring and sinking machines and parts					
Mining (diamond, etc.) and parts	Value only	-	51 236	-	62 079
Percussion drill rigs and other boring and sinking machines	Value only	-	56 737	-	50 299
Parts	Value only	-	12 492	-	17 466
Other road surfacing machinery and parts	Value only	-	174 590	-	175 245
Machinery for mining, sorting, screening, separating, crushing, grinding or mixing earth, stone, ores or other mineral substances					
Coal preparation plant machinery and parts	Value only	-	107 977	-	189 327
Mills and crushing plant machinery and parts	Value only	-	39 118	-	98 983
Quarry crushing and screening plant machinery and parts	Value only	-	121 833	-	154 057
Concrete mixers and batchers and parts	Value only	-	8 723	-	18 413
Other machinery and parts	Value only	-	371 527	-	328 589

Table 84 - Machinery and equipment sold: Machinery for food, beverage, textile, apparel and leather production

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Food and drink preparation, processing and sterilising machinery					
Machines for mixing, cleaning, grading, etc. prior to milling (grain brushing machines, scouring machines, etc.), milling and grinding	Value only	-	69 602	-	91 086
Bakery machinery, excluding ovens (e.g. mixers, kneaders and rolling machines)	Value only	-	16 842	-	39 896
Other machinery for food and drink preparation	Value only	-	100 480	-	78 678
Parts for food and drink preparation	Value only	-	8 453	-	10 239
Machinery for breweries	Value only	-	8 543	-	16 513
Machinery for textile, apparel and leather production					
Machinery for textile production					
Machinery for washing, bleaching, dyeing, dressing and finishing, including parts	Value only	-	7 664	-	5 411
Other machinery for textile, apparel and leather production	Value only	-	10 905	-	8 276

Table 85 - Machinery and equipment sold: Other special purpose machinery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Machinery for moulding or shaping solid mineral fuels, ceramic paste, unhardened cements and other mineral products, including machines for forming foundry moulds of sand					
Complete	Value only	-	9 017	-	4 095
Parts	Value only	-	5 293	-	6 831
Packing, sealing, labelling and wrapping machinery					
Complete	Value only	-	35 952	-	49 110
Parts	Value only	-	10 851	-	12 652
Machinery for working rubber or plastic or for the manufacture of these material	Value only	-	9 556	-	15 776
Machinery for pulp, paper and paperboard industries	Value only	-	27 922	-	65 033
Printing machinery	Value only	-	22 644	-	24 803
Mechanical appliances for projecting, dispensing or spraying liquids or powder, excluding fire extinguishers	Value only	-	17 298	-	39 987

Table 86 - Machinery and equipment sold: Household appliances and office, accounting and computing machinery

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Stoves, ovens and similar equipment					
Electric					
Stoves and ovens	Number	133 749	158 307	155 191	177 683
Hotplates, cooking plates and other, e.g. microwave and convection ovens	Value only	-	69 555	-	139 441
Liquid-fuel stoves and parts	Value only	-	15 592	-	20 138
Gas stoves, cookers, etc.					
Stoves and cookers	Value only	-	9 947	-	12 584
Cooking plates and cooking top mounts, other and parts	Value only	-	37 649	-	48 649
Refrigerators and deepfreezers					
Domestic					
Refrigerators and refrigerator/deepfreeze combinations					
Electric					
Single door	Number	61 300	68 663	103 029	123 455
Double door	Number	73 468	98 604	108 520	131 639
Non-electric (absorption-units)	Number	15 985	21 171	19 660	33 963
Deepfreezers					
Electric					
Upright and chest	Number	104 884	92 977	110 455	93 473
Dishwashing machines, washing machines and parts thereof	Value only	-	100 374	-	52 004
Tumble driers and parts thereof	Value only	-	43 891	-	19 681
Storage hot-water heaters					
Electric storage hot water heaters	Value only	-	81 594	-	165 194
Office, computing and accounting machinery	Value only	-	50 989	-	135 030

Table 87 - Electrical machinery and apparatus sold: Electric motors, generators and transformers

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Electric motors, generators and transformers					
Alternators/generators, excluding motor vehicle components	Value only	-	4 391	-	5 365
Alternator/generator sets incorporating its prime mover on a common base, excluding welding sets					
Alternating current	Number	268	23 513	254	19 235
Parts for alternators/generators	Value only	-	4 934	-	3 476
Electric motors, excluding motor vehicle components					
Motors other than traction					
Alternating current					
Squirrel cage - in kilowatt					
Three phase					
1 to under 50	Value only	-	48 277	-	90 120
50 to under 200	Value only	-	27 302	-	39 555
200 and above	Value only	-	50 177	-	78 112
Direct current	Value only	-	25 019	-	29 218
Components and spares for electric motors	Value only	-	46 117	-	48 147
Transformers, excluding instrument transformers					
Oil filled					
Distribution transformers - in kilovolt-ampere					
Single phase					
Up to 5	Value only	-	5 561	-	13 831
Above 5	Value only	-	9 837	-	7 261
Three phase					
Up to 1 000	Value only	-	121 971	-	178 733
Above 1 000 up to 2 000	Value only	-	18 580	-	20 539
Above 2 000 up to 3 150	Value only	-	7 904	-	3 701
Power transformers	Value only	-	187 003	-	163 479

Table 87 - Electrical machinery and apparatus sold: Electric motors, generators and transformers (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Miniature substations					
Up to 315	Value only	-	14 266	-	16 016
Above 315	Value only	-	32 204	-	31 624
Rectifier transformers	Value only	-	6 191	-	13 842
Other oil-filled transformers, including other than oil-filled	Value only	-	18 625	-	28 994
Instrument transformers					
Current (indoor and outdoor type)	Value only	-	..	-	18 376
Voltage (indoor and outdoor type)	Value only	-	..	-	23 324
Components and spares for transformers	Value only	-	25 010	-	21 224
Welding, brazing and cutting machine and apparatus	Value only	-	4 129	-	3 470

Table 88 - Electrical machinery and apparatus sold: Electricity distribution and control apparatus

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Complete switchboards and control panels Flameproof - in kilovolt 1 and above	Number	14	18 444	23	89 754
Other - in kilovolt Under 1	Number	33	73 151	25	110 264
1 to under 33	Number	5	79 844	4	103 219
Motor controllers and starter units	Number	45	44 454	43	53 887
Relays (protective and control)	Number	40	30 922	87	55 531
Circuit breakers, fuse switch units and fuses	Value only	-	234 268	-	399 799
Wiring accessories					
Socket outlets, plugs, adapters and connectors	Value only	-	58 706	-	133 903
Switches and switch accessories	Value only	-	13 068	-	33 300
Distribution boxes	Value only	-	44 027	-	47 573
Cable boxes for termination of high voltage cables	Value only	-	5 644	-	14 120
Electrical starting and ignition equipment for internal combustion engines, generators and cut-outs for use in conjunction with such engines					
Alternators and parts	Value only	-	78 527	-	107 516
Starter motors and parts	Value only	-	64 916	-	85 393
Other equipment, including parts (e.g. ignition coils and sparking plugs)	Value only	-	106 819	-	222 098

Table 88 - Electrical machinery and apparatus sold: Electricity distribution and control apparatus (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Electrical signalling, safety or traffic control equipment	Value only	-	12 192	-	14 234
Carbon articles used for electric purposes					
Carbon brushes	Value only	-	37 173	-	74 791
Carbon electrodes and other carbon articles	Value only	-	245 591	-	357 298

Table 89 - Electrical machinery and apparatus sold: Insulated wire and cables

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Communication, instrumentation and control cables of individual lengths exceeding 50 metres					
Co-axial cable and screened or unscreened cable, whether armoured or not	kg	5 157	204 264	4 008	160 982
Power cables, including insulated wire for blasting purposes, single core or multi-core with cores laid up singly, of individual lengths exceeding 50 metres					
Copper conductors - thickness and diameter in millimetres					
Polyvinyl chloride insulated					
Insulation thickness less than 2,2 and above	kg	9 394	42 728	5 988	131 585
Conductor wire(s) not exceeding 0,51 in diameter each	kg	10 956	197 643	13 185	285 243
Conductor wire(s) exceeding 0,51 in diameter each					
Polyethylene insulated, including cross-linked polyethylene					
Insulation thickness less than 2,0 mm; 2,2 mm and above	Value only	-	92 128	-	163 738
Wiring harness for motor vehicles, including sub-assemblies, battery cables and other wire or cables	Value only	-	166 695	-	378 542
Other insulated wire and cables	Value only	-	833 069	-	1 064 496

Table 90 - Electrical machinery and apparatus sold: Accumulators, primary cells and primary batteries

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Accumulators, lead-acid type, new 12 volt					
7 plates	Value only	-	55 569	-	35 039
9 plates	Number	1 009	82 054	1 145	99 294
11 plates and above	Value only	-	174 027	-	261 013
Battery parts	Value only	-	20 118	-	54 414

Table 91 - Electrical machinery and apparatus sold: Electric lamps and lighting equipment

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Discharge lamps, filament lamps and other electric bulbs and tubes, including parts	Value only	-	83 812	-	84 366
Electric lamps and lamp fittings, excluding sealed beam units and other electrical lamp equipment for vehicles					
Portable, searchlights and other	Value only	-	154 200	-	202 290
Parts and fittings	Value only	-	160 341	-	175 591
Illuminated signs and nameplates					
Moving (e.g. revolving)					
Neon lighting and other	Value only	-	33 606	-	63 257
Stationery					
Neon lighting and other	Value only	-	22 704	-	39 712
Conductors (uninsulated) (e.g. aluminium and alloys of copper)	Value only	-	46 594	-	107 619

Table 92 - Radio, television and communication equipment and apparatus sold: Electronic valves and tubes and other electronic components

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Telecommunication equipment	Value only	-	450 521	-	418 509
Electronic components					
Electronic sound apparatus (e.g. intercoms)	Value only	-	4 353	-	..
Electronic security systems					
Safety gates and doors	Value only	-	1 210	-	9 907
Vehicle security devices	Value only	-	8 486	-	40 364
Other electronic security systems components	Value only	-	57 606	-	68 087
Other electronic components	Value only	-	277 396	-	234 898

Table 93 - Radio, television and communication equipment and apparatus sold: Television and radio transmitters, receivers and associated goods

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Loudspeakers (loose and housed in cabinets)	Value only	-	5 600	-	5 034
Other hi-fi and non-hi-fi equipment, including parts	Value only	-	33 448	-	73 748
Television sets					
Monochrome sets	Number	122	28 444	58	13 719
Colour sets	Number	239	260 730	241	289 660
Parts and accessories	Value only	-	3 020	-	3 372
Television antennas	Value only	-	7 940	-	14 099
Telecommunication equipment	Value only	-	141 547	-	302 340
Fixed, mobile and portable radio communication equipment operating at frequencies below 1 000 mega hertz					
Fixed equipment (base stations and link stations)	Value only	-	6 443	-	7 625
Mobile equipment	Value only	-	53 545	-	69 630
Telephone exchanges	Value only	-	174 160	-	101 048

Table 94 - Medical appliances and instruments and appliances for measuring, checking, testing and other purposes sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Professional and scientific, measuring and controlling equipment Surveying, hydrographic, navigational, meteorological, hydrological and geophysical equipment	Value only	-	3 808	-	3 264
Medical, dental, surgical and veterinary equipment					
Electro-medical apparatus	Value only	-	6 491	-	7 936
Hypodermic syringes, including disposable syringes	Value only	-	35 087	-	36 938
Surgical and orthopaedic appliances					
Spinal frames and back braces	Value only	-	1 668	-	1 866
Artificial limbs	Value only	-	6 065	-	4 968
Measuring, checking or controlling the temperature, flow, pressure or other variable liquids or gases					
Thermometers and thermostats	Value only	-	12 809	-	16 209
Pressure and vacuum gauges	Value only	-	18 605	-	42 787
Flow measuring and controlling apparatus	Value only	-	17 481	-	11 932
Electricity and water supply meters	Value only	-	69 648	-	71 817
Measuring, testing, analysing or controlling electronic and electrical circuits and equipment	Value only	-	266 938	-	126 982
Electronic equipment (excluding industrial and automotive electronic equipment)	Value only	-	31 491	-	46 971
Industrial and automotive electronic equipment	Value only	-	106 425	-	185 695
Other electronic components	Value only	-	97 186	-	171 670

Table 95 - Optical instruments and photographic equipment sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Spectacle lenses (corrective)					
Of glass	Number	800	44 361	932	77 175
Of other material	Value only	-	25 127	-	21 899
Contact lenses	Number	24	1 913	24	2 438
Spectacle frames	Value only	-	5 881	-	5 251
Sunglasses, other spectacles, goggles and the like	Value only	-	10 063	-	10 507

Table 96 - Motor vehicles, trailers and semi-trailers sold: Motor vehicles

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Passenger motor cars, including station wagons Engine capacity: 1 550 to 1 650 cub. centimetres Gross vehicle mass - in kilograms Up to 1 126 and more	Number	120 364	3 279 834	143 690	5 392 973
Engine capacity: 1 651 to 1 950 cub. centimetres Gross vehicle mass - in kilograms 901 kg up to 1 126 and more	Number	22 253	654 806	42 879	2 279 940
Engine capacity: 1 951 to 2 050 cub. centimetres Gross vehicle mass - in kilograms Up to 1 125 and more than 1 126	Number	36 319	1 786 488	27 043	1 838 565
Engine capacity: 2 051 to 2 550 cub. centimetres Gross vehicle mass - in kilograms 1 126 and more	Value only	-	1 252 932	-	1 367 769
Engine capacity: 2 551 to 2 950 cub. centimetres Gross vehicle mass - in kilograms 1 126 and more	Number	2 296	222 541	4 688	655 668
Engine capacity: 2 951 to 3 050 cub. centimetres and more Gross vehicle mass - in kilograms 1 126 and more	Number	5 856	734 993	7 509	1 745 082
Mini-buses 9 to 15 seats	Value only	9 883	270 054	13 705	710 504
Single deck school and commuter buses Chassis assemblies only	Value only	-	83 151	-	206 481

Table 96 - Motor vehicles, trailers and semi-trailers sold: Motor vehicles (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Light and heavy commercial vehicles					
Lorries, trucks and vans, complete with cab and body	Value only	54 230	1 729 048	85 217	4 250 814
Lorries, trucks and vans, complete with cab, but without body	Value only	8 292	1 105 859	7 697	1 704 994
Off-road vehicles (4-wheel drive, etc.)	Value only	..	..	-	538 594

Table 97 - Motor vehicles, trailers and semi-trailers sold: Bodies for motor vehicles, trailers and semi-trailers

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Passenger motor vehicle bodies and cabs	Value only	-	39 577	-	69 962
Bus bodies					
Single-deck bus bodies					
Commuter bus bodies, including school bus bodies					
Up to 59 passengers	Number	195	11 625	349	52 722
60 passengers or more	Number	174	19 812	292	38 935
Light delivery vehicle type bodies					
Gross vehicle mass - in kilograms					
Up to 2 251 and more	Number	14 881	21 007	25 625	46 057
Platform bodies					
Without sides, curbrails or hoisting equipment					
Gross vehicle mass - in kilograms					
Up to 2 250	Number	672	2 289	1 200	4 871
2 251 to 7 500	Number	75	449	87	574
7 501 to 10 000	Number	186	2 031	153	1 019
10 001 to 17 500	Number	190	3 473	41	490
With sides or curbrails, but without hoisting equipment					
Gross vehicle mass - in kilograms					
Up to 10 000	Value only	-	16 151	-	2 863
10 001 and more	Number	520	7 994	236	6 183
Tipper bodies	Value only	-	35 380	-	85 538
Enclosed van bodies					
Equipped for conveyance of furniture					
Gross vehicle mass - in kilograms					
Up to 10 000 and more	Number	526	6 586	251	4 919

Table 97 - Motor vehicles, trailers and semi-trailers sold: Bodies for motor vehicles, trailers and semi-trailers (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Equipped for conveyance of refrigerated goods Gross vehicle mass - in kilograms Up to 10 000 and more	Number	262	11 171	152	5 072
Equipped for conveyance of all other goods Gross vehicle mass - in kilograms 1 126 to 5 000	Number	35	250	142	1 530
5 001 to 10 000 and more	Number	174	2 975	161	4 117
Sheep and cattle transporter bodies Gross vehicle mass - in kilograms Up to 10 000 and more	Number	107	1 248	214	2 680
All other lorry, truck, van, trailer and semi-trailer bodies including tanker bodies for dry materials, fuel and oil and other liquids and chemicals	Value only	-	116 461	-	215 646
Canopies	Value only	-	111 770	-	149 433
Drawbar trailers Platform trailers without sides or curbrails Gross vehicle mass - in kilograms Up to 1 125	Number	15 463	37 007	13 060	43 662
1 126 to 5 000	Value only	-	3 444	-	2 565
5 001 to 10 000	Number	35	1 678	37	1 858
Platform trailers with sides or curbrails Gross vehicle mass - in kilograms Up to 1 125	Number	2 833	5 404	1 727	4 731
1 126 to 5 000	Number	304	2 654	64	1 143
5 001 and more	Value only	-	14 310	-	5 950

Table 97 - Motor vehicles, trailers and semi-trailers sold: Bodies for motor vehicles, trailers and semi-trailers (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Enclosed trailers equipped for conveyance of furniture	Number	49	1 325	81	2 996
All other drawbar trailers	Value only	-	30 430	-	51 300
Semi-trailers					
Platform semi-trailers with or without sides or curbrails	Value only	-	95 226	-	214 966
Other semi-trailers for special purposes	Value only	-	58 125	-	184 887

Table 98 - Motor vehicles, trailers and semi-trailers sold: Parts and accessories

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Internal combustion piston engines (new and reconditioned)	Value only	-	48 286	-	70 592
Compression and spark ignition engines (new and reconditioned)					
Compression ignition engines	Number	2 980	23 803	4 280	43 553
Spark ignition engines	Number	8 677	24 483	7 027	27 039
Parts for internal combustion engines	Value only	-	203 178	-	322 083
Components allied to engines (complete units and parts)					
Manifolds, oil pumps and water pumps	Value only	-	7 145	-	7 926
Filtering and purifying machinery and apparatus	Value only	-	394 794	-	519 588
Water and oil cooling systems					
Radiators and radiator cores	Value only	-	134 073	-	246 840
Other components allied to engines	Value only	-	54 380	-	57 561
Transmission components					
Clutch discs/plates					
New					
Complete assemblies	Number	502 027	66 359	561 670	104 760
Reconditioned, excluding repaired/reconditioned for customers	Number	108 745	14 279	123 817	20 607
Pressure plates					
New	Value only	-	54 885	-	88 480
Reconditioned, excluding repaired/reconditioned for customers	Number	53 406	5 726	73 699	8 610
Gearboxes, excluding gearbox extensions	Value only	-	79 325	-	72 033
Driveshafts/propellor shafts and other transmission components	Value only	-	150 948	-	400 925
Suspension components, excluding springs and torsion bars					
Shock absorbers and parts for shock absorbers	Value only	-	163 680	-	256 298
Other suspension components	Value only	-	237 782	-	426 069
Chassis (without engine or suspension) and chassis components	Value only	-	116 309	-	194 544

Table 98 - Motor vehicles, trailers and semi-trailers sold: Parts and accessories (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Road wheels					
Passenger car and light delivery vehicle type	Value only	-	225 714	-	425 490
Truck, lorry and other wheel types	Value only	-	44 995	-	75 828
Hubs					
Freewheel type hubs	Number	118 370	6 109	87 615	7 643
Hubs for driving wheels	Value only	-	11 298	-	31 833
Braking systems, excluding cables					
Hydraulic system components	Value only	-	22 896	-	32 799
Air brake system components	Value only	-	18 486	-	38 555
Mechanical and other brake system components	Value only	-	19 863	-	44 041
Drum brakes					
Brake drums					
New and reconditioned, excluding repaired/reconditioned for costumers	Number	1 218 839	77 859	1 237 916	120 439
Brake shoes					
Complete with linings					
New and reconditioned/lined, excluding repaired/lined for customers	Number	213 338	7 172	434 697	18 734
Disc or caliper brakes and brake hoses and pipes					
Discs	Number	1 204 158	66 948	1 220 517	108 284
Brake pads (with friction material) and brake line pipes	Value only	-	73 449	-	216 554
Steering systems	Value only	-	68 534	-	143 015
Exhaust systems, excluding manifolds					
Complete exhaust systems	Number	395 806	53 582	1 186 066	128 518
Parts and components					
Mufflers and silencers	Number	1 171 695	142 413	3 311 999	423 045
Other exhaust parts and components	Value only	-	303 668	-	292 257

Table 98 - Motor vehicles, trailers and semi-trailers sold: Parts and accessories (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
			R'000		R'000
Fuel tanks, caps and fuel line components					
Passenger car and light delivery vehicle and other types (buses, trucks, etc.)	Value only	-	7 018	-	13 268
Fuel tank caps and fuel line components (excluding filters)	Value only	-	12 004	-	9 260
Body components					
Body panels	Number	9 855 860	276 271	9 996 773	406 175
Lids, doors and hoods, panels and parts	Value only	-	151 374	-	206 977
Bumpers and bumper brackets	Value only	-	48 219	-	136 798
Window components	Value only	-	32 767	-	49 346
Seats					
Bucket type seats, parts and frames	Value only	-	86 861	-	128 703
Other types	Value only	-	97 264	-	186 175
Other body components	Value only	-	202 673	-	242 571

Table 99 - Transport equipment sold, except motor vehicles, parts and accessories

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Ship building and repairing					
Row-boats and other manually powered boats (e.g. pedal operated)					
Fibre glass and other material	Value only	-	1 152	-	1 713
Parts and accessories for watercraft	Value only	-	4 030	-	6 624
Railroad equipment					
Locomotives					
Mainline, industrial, shunting and mining (underground)	Value only	-	69 207	-	53 671
Parts for railway locomotives and rolling stock	Value only	-	157 432	-	174 177

Table 100 - Furniture sold

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Furniture, including upholstered furniture and self-assembly kits, excluding wicker cane and bamboo furniture					
Lounge furniture					
Bookcases	Number	25	5 597	22	7 617
Display cases and cabinets	Number	33	15 886	51	23 531
Coffee tables	Number	71	19 565	68	27 299
Occasional tables	Number	20	5 710	9	5 726
Settees	Number	263	241 905	200	418 182
Convertible couches	Number	3	2 731	2	2 342
Occasional, easy and reclining chairs	Number	121	75 383	29	20 586
Wall units and room dividers (free-standing)	Value only	-	79 349	-	111 954
Other lounge furniture	Value only	-	35 074	-	51 151
Dining room furniture					
Tables	Number	107	47 883	98	51 026
Chairs	Number	487	53 503	422	62 492
Sideboards	Number	67	27 984	53	29 861
Other dining room furniture	Value only	-	7 821	-	19 833
Bedroom furniture					
Headboards					
Single	Number	21	8 432	34	10 641
Three-quarter	Number	44	14 600	..	..
Double and larger	Number	62	21 282	93	40 984
Foot ends					
Single and three-quarter	Number	19	1 271	15	1 535
Double and larger	Number	4	837	5	1 616
Head units with pedestals attached	Number	127	74 442	211	143 714
Divans and combination springs	Number	3	421	6	1 976
Beds, complete	Number	173	97 503	225	150 710

Table 100 - Furniture sold (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bunk beds	Number	35	11 883	81	29 298
Bed bases					
Single	Number	77	18 061	98	20 883
Three-quarter	Number	54	13 476	86	23 884
Double and larger	Number	316	73 279	431	92 904
Bedside cabinets	Number	43	5 394	80	13 640
Dressing tables	Number	126	53 116	158	92 496
Wardrobes					
Large	Number	151	56 069	101	50 112
Small	Number	105	30 049	173	61 461
Wardrobe and dressing table combination	Value only	-	7 326	-	24 971
Chest of drawers	Number	33	11 060	24	8 653
Dressing stools	Number	93	18 796	109	18 822
Pedestal cupboards	Number	7	1 601	2	1 109
Kitchen furniture					
Tables	Number	37	5 267	24	7 247
Chairs and stool	Number	185	8 794	205	10 989
Breakfast units	Value only	-	3 781	-	5 410
Cabinet units	Value only	-	124 415	-	267 485
Dressers	Number	18	8 225	6	3 486
Other kitchen furniture, including shelving units	Value only	-	133 676	-	153 681
Outdoor furniture	Value only	-	10 633	-	14 161
Office and study furniture					
Desks	Number	202	112 896	195	148 568

Table 100 - Furniture sold (continued)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Tables	Number	38	16 399	47	17 592
Chairs	Value only	-	53 353	-	111 064
Bookcases and shelves	Value only	-	28 949	-	15 364
Cabinets (e.g. filing)	Number	193	93 114	137	91 279
Screens	Value only	-	7 004	-	8 750
Other	Value only	-	30 852	-	108 765
School furniture					
Desks	Number	210	22 500	143	23 419
Other (e.g. student tables and chairs)	Value only	-	38 129	-	23 726
Church furniture	Value only	-	1 820	-	2 142
Shop furniture					
Display cabinets, racks and stands	Value only	-	51 355	-	111 168
Counters	Value only	-	6 644	-	8 690
Built-in furniture	Value only	-	15 693	-	34 266
Other	Value only	-	18 653	-	32 379
Restaurant furniture					
Chairs	Number	39	6 247	17	3 088
Tables	Number	12	4 009	5	1 600
Other	Value only	-	2 475	-	9 566
Built-in furniture, not elsewhere specified					
Cupboards	Value only	-	58 880	-	90 647
Shelving	Value only	-	18 092	-	40 062
Other	Value only	-	17 863	-	32 268
Other furniture					
Radio cabinets	Number	75	7 811	90	17 891
Television cabinets	Number	59	11 892	47	4 684
Tea and dinner wagons, including television trolleys	Number	19	4 622	13	2 802
Telephone stands	Number	1	371	2	405

Table 100 - Furniture sold (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bar counters	Number	2	6 311	2	4 151
Furniture frames and parts of wood	Value only	-	48 400	-	78 040
Mattresses, including sleeping mats					
Single bed					
Inner-spring	Number	175	48 001	105	28 996
Other, including sponge rubber and foam plastic	Value only	649	29 347	309	18 981
Three-quarter bed					
Inner-spring	Number	100	24 461	124	42 008
Other, including sponge rubber and foam plastic	Value only	49	4 732	77	8 466
Double bed and larger					
Inner-spring	Number	300	80 579	312	114 750
Other, including sponge rubber and foam plastic	Value only	245	26 710	95	13 218
Cots (infants)	Number	19	607	87	2 773
Blinds					
Venetian	Value only	-	9 583	-	9 538
Spring roller	Value only	-	5 099	-	4 575
Other blinds	Value only	-	26 251	-	60 436

Table 101 - Other manufactured products sold: Jewellery and related articles

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Precious and semi-precious stones					
Diamonds (cut, shaped and/or polished)	Carat	287	838 988	306	1 107 135
Other precious and semi-precious stones (cut and polished)	Value only	-	9 928	-	9 744
Jewellery and parts thereof, of precious metal or of metal clad with precious metal					
Gold (9 carats or finer)					
Containing diamonds	Value only	-	60 566	-	178 229
Other	Value only	-	81 371	-	150 669
Silver (sterling)	Value only	-	11 007	-	6 629
Other (platinum, rolled gold, etc.)	Value only	-	..	-	27 514
Articles of goldsmiths or silversmiths wares and parts thereof, except coins and metals					
Gold (9 carats or finer)	Value only	-	20 558	-	14 903
Articles of natural or cultured pearls, precious or semi-precious stones					
Articles of natural or cultured pearls	Value only	-	1 565	-	1 648
Jewellery containing precious or semi-precious stones	Value only	-	13 676	-	17 542
Other articles of/ or incorporating precious or semi-precious stones	Value only	-	1 472	-	1 027
Imitation jewellery	Value only	-	10 471	-	19 065

Table 102 - Other manufactured products sold: Sports goods

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Bats, sticks and similar striking instruments, excluding billiard cues	Value only	-	1 164	-	4 743
Angling equipment, excluding made-up sets	Value only	-	5 414	-	7 230
Billiard tables and other billiard equipment	Value only	-	12 237	-	11 831
Water-sports equipment					
Fibre glass surf boards, surf skis and the like	Value only	-	5 535	-	5 572
Diving suits	Number	20 913	9 223	16 934	8 103
Playground equipment					
Household (garden)	Value only	-	2 425	-	1 628
Heavy duty (municipal type)	Value only	-	1 062	-	3 104
Other	Value only	-	9 160	-	14 837

Table 103 - Other manufactured products sold: Games and toys

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Decorations, carnival and entertainment articles	Value only	-	2 476	-	6 507
Dolls and toy animals	Value only	-	10 510	-	14 808
Wheeled toys					
Designed to be ridden					
Designed to be ridden other than tricycles, pedal cars and scooters	Value only	-	4 594	-	10 035

Table 104 - Other manufactured products sold: Brushes and brooms

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Brooms and broomheads, excluding squeegees					
Household, bass and platform	Value only	-	26 295	-	33 365
Other	Value only	-	19 047	-	24 900
Brushes					
Paint brushes	Number	2 332	9 977	2 169	12 652
Brushes for grooming and personal hygiene	Value only	-	46 163	-	49 845
Household brushes					
Banister (e.g. carpet, sanitary and floor)	Number	3 561	9 661	4 973	20 518
Scrubbing	Value only	-	3 263	-	3 485
Industrial brushes	Number	383	8 147	334	14 343
Other brushes	Number	1 245	27 776	2 349	38 564
Vacuum cleaner brushes, polishing machine brushes and brushes for other machinery	Number	17	1 468	26	2 353
Paint rollers	Number	919	6 236	1 000	6 387

Table 105 - Other manufactured products sold: Pens, pencils, buttons, number plates and signs, etc.

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Pens, pencils, chalk and crayons, including parts and fittings	Value only	-	72 409	-	62 723
Buttons and buckles (covered and not covered)	Value only	-	47 992	-	49 838
Slide fasteners and parts	Value only	-	47 702	-	47 098
Signs, advertising displays and number plates					
Signs					
Non-electric					
Engraved					
Metal	Value only	-	9 400	-	16 564
Other (e.g. plastic)	Value only	-	13 384	-	21 454
Silkscreening					
Metal	Value only	-	15 026	-	20 881
Plastic	Value only	-	25 197	-	36 119
Other	Value only	-	1 446	-	2 954
Reflective					
Number plates for vehicles	Number	910	21 534	1 301	35 688
Traffic signs	Value only	-	20 133	-	18 518
Painted, not elsewhere classified					
Metal	Value only	-	3 899	-	9 440
Plastic	Value only	-	1 920	-	3 515
Other	Value only	-	13 628	-	27 480
Other (e.g. etching and signs from stick-on letters)	Value only	-	34 419	-	43 557
Individual letters and numerals, unmounted					
Plastic	Value only	-	6 197	-	6 516
Metal	Value only	-	3 005	-	4 013
Other	Value only	-	3 526	-	1 544

Table 105 - Other manufactured products sold: Pens, pencils, buttons, sign and number plates, etc. (concluded)

Description	Unit	1993		1996	
		Quantity	Value	Quantity	Value
		1 000	R'000	1 000	R'000
Display and exhibition stands					
Metal	Value only	-	5 698	-	4 460
Plastic	Value only	-	11 238	-	10 547
Other	Value only	-	10 191	-	16 029
Artificial flowers, foliage, plants or fruit	Value only	-	9 278	-	11 028
Wreaths	Value only	-	4 469	-	8 135
Metal badges	Value only	-	8 464	-	5 851
Patterns, except paper patterns	Value only	-	18 237	-	15 049
Rubber stamps (date, etc.)	Value only	-	12 430	-	18 556
Typewriter and similar ribbons					
Textile based and synthetic based (e.g. polyethylene)	Metre	18 307	49 628	15 307	26 198

Explanatory Notes

- Introduction** 1 Statistics South Africa (Stats SA) periodically conducts a Census of Manufacturing covering private establishments, public corporations and government enterprises. The purpose of the Census of Manufacturing is to obtain information to benchmark and re-base the quarterly Gross Domestic Product (GDP), which is used to monitor and develop government policy. Furthermore, the results are used to calculate the Gross Domestic Product by region (GDPR) and to compile the Supply and Use tables. The information is used by the private sector in the analysis of comparative business and industry performance. This publication contains information regarding materials purchased and manufactures sold by manufacturers during the 1992/1993 financial year and the 1995/1996 financial year.
- Scope of the Manufacturing Census** 2 For purposes of the census, manufacturing is defined as the physical or chemical transformation of materials or compounds into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home and whether the products are sold through wholesale or retail trade. The assembly of products from component parts is considered to be manufacturing, except in cases where the activity is appropriately classified under construction. Packaging activities done for others on a fee or contract basis are excluded.
- Classification** 3 The 1993 edition of the Standard Industrial Classification of all Economic Activities (SIC), Fifth Edition, Report No. 09-90-02, was used to classify the statistical units in the census. The SIC is based on the 1990 International Standard Industrial Classification of all Economic Activities (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at SIC division and major group level. Each statistical unit is classified to an industry which reflects the predominant activity of the establishment.
- Statistical unit** 4 The basic statistical unit for the collection of information was a manufacturing establishment. An establishment is the smallest economic unit that functions as a separate entity. Each establishment is classified to an industry (cf. paragraph 3).
- Survey methodology and design** 5 The 1996 census was collected by mail from approximately 11 115 manufacturing establishments. The total output of these 11 115 manufacturing establishments contributed 89,1% to the total output of the manufacturing industry (cf. technical notes, table A, p. 171).
- 6 In order to ensure the confidential nature of data furnished by individual establishments, information relating to less than four establishments is either not released, or is published in such a manner that the data furnished by any particular establishment are not disclosed. For this reason the information of certain products have been combined with the information of other products, or in some cases it is indicated on the table that the information is 'not available'.
- Comparability with previous censuses** 7 The information regarding materials purchased and manufactures sold of the 1993 Census of Manufacturing is not strictly comparable with the results of the 1996 Census of Manufacturing, due to the fact that fewer manufacturing establishments responded for the 1995/1996 financial year than for the 1992/1993 financial year. Information for the 1992/1993 financial year was obtained from 13 275 respondents compared with 11 115 respondents for the 1995/1996 financial year.
- 8 Furthermore, the 1996 Census of Manufacturing includes information of the former TBVC (Transkei, Bophuthatswana, Venda and Ciskei) states. It was estimated that the former TBVC states contributed 1,8% to the total sales value of manufactured products in 1995.

Historical series**9** The following reports contain information regarding manufacturing:

- Report No. 30-01-01 (1996) - Statistics according to major groups and subgroups: South Africa.
 Report No. 30-01-04 (1996) - Principal statistics on a regional basis: Western Cape.
 Report No. 30-01-05 (1996) - Principal statistics on a regional basis: Eastern Cape.
 Report No. 30-01-06 (1996) - Principal statistics on a regional basis: Northern Cape.
 Report No. 30-01-07 (1996) - Principal statistics on a regional basis: Free State.
 Report No. 30-01-08 (1996) - Principal statistics on a regional basis: KwaZulu-Natal.
 Report No. 30-01-09 (1996) - Principal statistics on a regional basis: North West.
 Report No. 30-01-10 (1996) - Principal statistics on a regional basis: Gauteng.
 Report No. 30-01-11 (1996) - Principal statistics on a regional basis: Mpumalanga.
 Report No. 30-01-12 (1996) - Principal statistics on a regional basis: Northern Province.
 Report No. 30-01-13 (1996) - Register of manufacturers according to products manufactured in South Africa: Western Cape
 Report No. 30-01-14 (1996) - Register of manufacturers according to products manufactured in South Africa: Eastern Cape
 Report No. 30-01-15 (1996) - Register of manufacturers according to products manufactured in South Africa: Northern Cape
 Report No. 30-01-16 (1996) - Register of manufacturers according to products manufactured in South Africa: Free State
 Report No. 30-01-17 (1996) - Register of manufacturers according to products manufactured in South Africa: KwaZulu-Natal
 Report No. 30-01-18 (1996) - Register of manufacturers according to products manufactured in South Africa: North West
 Report No. 30-01-19 (1996) - Register of manufacturers according to products manufactured in South Africa: Gauteng
 Report No. 30-01-20 (1996) - Register of manufacturers according to products manufactured in South Africa: Mpumalanga
 Report No. 30-01-21 (1996) - Register of manufacturers according to products manufactured in South Africa: Northern Province

Related publications**10** Users may wish to refer to the following publications which are available from Stats SA:

- P3041.2 - Indices of the physical volume of manufacturing production and sales according to manufacturing major groups - Monthly.
- P3042 - Financial statistics: Manufacturing - Quarterly.
- P3043 - Utilisation of production capacity - Quarterly.
- P3051.1 - Manufacturing statistics: Food and beverages - Four-monthly.
- P3051.2 - Manufacturing statistics: Textiles, clothing, leather and leather products, wood and wood products, paper and paper products and printing - Four-monthly.
- P3051.3 - Manufacturing statistics: Chemical, rubber, plastic and non-metallic mineral products - Four-monthly.
- P3051.4 - Manufacturing statistics: Basic metal and fabricated metal products, machinery and equipment, motor vehicles and parts and miscellaneous products - Four-monthly.
- Bulletin of Statistics.
- SA Statistics.

Unpublished data**11** In some cases Stats SA can also make available statistics which are not published. This information can be made available as computer printouts or diskette. Generally a charge is made for providing unpublished statistics.

Symbols and abbreviations

12	0	Nil or less than half the final digit shown
	..	not available
	AA	absolute alcohol
	CD	compact disc
	dm ²	square decimetre
	No.	number
	kg	kilogram
	kVA	kilovolt ampere
	kW	kilowatt
	l	litre
	m	metre
	m ²	square metre
	m ³	cubic metre
	SIC	Standard Industrial Classification
	t	metric ton
	TBVC	Transkei, Bophuthatswana, Venda and Ciskei

Technical notes

Table A - The percentage response rate and the total percentage contribution by respondents to total output

Major groups	Total number of establishments (Population)	Total number of respondents	Percentage response	Total output of population R'000	Total output of respondents R'000	Percentage contribution by the total output of respondents to total output
Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats	533	287	53,8%	13 142 352	11 738 777	89,3
Manufacture of dairy products	150	92	61,3%	5 979 844	5 580 195	93,3
Manufacture of grain mill products, starches and starch products and prepared animal feeds	348	190	54,6%	12 708 085	11 898 494	93,6
Manufacture of other food products	969	422	43,6%	15 414 448	13 854 350	89,9
Manufacture of beverages	228	173	75,9%	14 639 390	13 958 870	95,4
Manufacture of textiles, clothing and leather goods	151	102	67,5%	5 532 595	5 169 051	93,4
Manufacture of other textiles	550	235	42,7%	3 693 260	3 128 834	84,7
Manufacture of knitted and crocheted fabrics and articles	215	116	54,0%	1 903 814	1 589 039	83,5
Manufacture of wearing apparel, including fur apparel	1 434	483	33,7%	8 379 023	6 167 208	73,6
Tanning and dressing of leather; manufacture of luggage, handbag, saddlery and harness	158	78	49,4%	1 881 120	1 725 403	91,7
Manufacture of footwear	266	124	46,6%	2 657 013	2 225 714	83,8
Sawmilling and planing of wood	203	120	59,1%	2 561 589	2 157 630	84,2
Manufacture of products of wood, cork, straw and plaiting materials	1 147	417	36,4%	4 025 478	3 074 738	76,4
Manufacture of paper and paper products	446	250	56,1%	16 991 359	15 743 567	92,7

Technical notes

Table A - The percentage response rate and the total percentage contribution by respondents to total output (continued)

Major groups	Total number of establishments (Population)	Total number of respondents	Percentage response	Total output of population	Total output of respondents	Percentage contribution by the total output of respondents to total output
				R'000	R'000	
Publishing	405	156	38,5%	3 688 996	3 258 486	88,3
Printing and service activities related to printing	1 616	623	38,6%	6 331 929	4 949 188	78,2
Reproduction of recorded media	11	8	72,7%	187 867	167 361	89,1
Manufacture of coke oven products	34	28	82,4%	667 201	595 828	89,3
Petroleum refineries/synthesisers	49	39	79,6%	15 586 167	15 565 923	99,9
Manufacture of basic chemicals	239	162	67,8%	15 591 482	14 847 103	95,2
Manufacture of other chemical products	784	385	49,1%	19 257 946	16 710 335	86,8
Manufacture of man-made fibres	7	7	100,0%	1 681 332	1 681 332	100,0
Manufacture of rubber products	205	117	57,1%	3 935 391	3 667 884	93,2
Manufacture of plastic products	1 100	516	46,9%	9 171 761	7 146 945	77,9
Manufacture of glass and glass products	88	55	62,5%	2 323 816	2 228 661	95,9
Manufacture of non-metallic mineral products not elsewhere classified	1 288	624	48,4%	8 629 834	7 596 595	88,0
Manufacture of basic iron and steel	122	98	80,3%	23 226 966	22 621 992	97,4
Manufacture of basic precious and non-ferrous metals	97	70	72,2%	9 039 000	8 725 062	96,5
Casting of metals	36	23	63,9%	247 509	167 253	67,6
Manufacture of structural metal products, tanks, reservoirs and steam generators	1 438	544	37,8%	7 379 032	5 403 541	73,2
Manufacture of other fabricated metal products; metalwork service activities	2 718	976	35,9%	13 706 720	10 798 530	78,8
Manufacture of general purpose machinery	1 384	609	44,0%	7 707 111	6 352 467	82,4
Manufacture of special purpose machinery	1 394	558	40,0%	8 676 841	6 628 665	76,4
Manufacture of household appliances	109	39	35,8%	1 719 008	1 457 704	84,8

Technical notes

Table A - The percentage response rate and the total percentage contribution by respondents to total output (continued)

Major groups	Total number of establishments (Population)	Total number of respondents	Percentage response	Total output of population	Total output of respondents	Percentage contribution by the total output of respondents to total output
				R'000	R'000	
Manufacture of office, accounting and computing machinery	36	18	50,0%	135 124	105 893	78,4
Manufacture of electric motors, generators and transformers	102	57	55,9%	1 571 126	1 251 742	79,7
Manufacture of electricity distribution and control apparatus	183	81	44,3%	1 353 945	1 090 632	80,6
Manufacture of insulated wire and cable	41	31	75,6%	2 759 101	2 652 015	96,1
Manufacture of accumulators, primary cells and primary batteries	13	12	92,3%	961 715	954 846	99,3
Manufacture of electric lamps and lighting equipment	85	41	48,2%	692 563	472 393	68,2
Manufacture of other electrical equipment	654	255	39,0%	2 910 696	2 067 890	71,0
Manufacture of electronic valves and tubes and other electronic components	18	11	61,1%	240 828	214 363	89,0
Manufacture of television and radio transmitters and apparatus for line telegraphy	36	16	44,4%	531 456	513 666	96,7
Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	124	49	39,5%	2 162 076	1 937 096	89,6
Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and for other purposes, except optical instruments	342	142	41,5%	1 221 568	993 484	81,3
Manufacture of optical instruments and photographic equipment	60	41	68,3%	212 949	190 003	89,2

Technical notes

Table A - The percentage response rate and the total percentage contribution by respondents to total output (concluded)

Major groups	Total number of establishments (Population)	Total number of respondents	Percentage response	Total output of population	Total output of respondents	Percentage contribution by the total output of respondents to total output
				R'000	R'000	
Manufacture of watches and clocks	4	3	75,0%	3 912	3 762	96,2
Manufacture of motor vehicles	147	54	36,7%	25 869 052	25 594 913	98,9
Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	229	96	41,9%	2 051 392	1 635 183	79,7
Manufacture of parts and accessories for motor vehicles and their engines	799	395	49,4%	8 565 810	7 441 349	86,9
Building and repairing of ships and boats	140	58	41,4%	548 272	444 989	81,2
Manufacture of railway and tramway locomotives and rolling stock	34	23	67,6%	744 155	687 470	92,4
Manufacture of aircraft and spacecraft	73	29	39,7%	843 811	760 932	90,2
Manufacture of other transport equipment	21	9	42,9%	48 331	20 092	41,6
Manufacture of furniture	1 579	486	30,8%	5 016 802	3 408 046	67,9
Manufacture of products not elsewhere classified, including tobacco	1 129	457	40,5%	7 460 780	6 694 334	89,7
Recycling	68	25	36,8%	245 774	117 710	47,9
Total manufacturing	25 839	11 115	43,0%	334 416 517	297 835 528	89,1

Glossary

Census year	Questionnaires were completed by manufacturing establishments regarding their financial year which ended on any date between 1 July 1992 and 30 June 1993 and between 1 July 1995 and 30 June 1996.
Enterprise	An enterprise (firm) is a legal entity consisting of one or more establishments. The establishments need not necessarily all be manufacturing establishments, but some may be classifiable as other industries of the economy, such as wholesale trade, retail trade, motor trade and construction.
Establishment	An establishment is defined as an enterprise, or part of an enterprise (branch), that is situated at a single location and in which only a single (non-ancillary) productive activity is carried out or in which the principal productive activity accounts for most of the value added.
Industry	An industry consists of a group of establishments engaged in the same or similar kinds of activity. Industries are defined in the System of National Accounts (SNA) in the same way as in the Standard Industrial Classification (SIC) of all Economic Activities, Fifth Edition of January 1993.
Manufactures	Manufactures relate to articles manufactured from basic raw materials as well as articles assembled from completely-knocked-down materials. The quantities shown do not include the mass of packaging materials.
Materials	Materials relate to goods, generally known as raw materials, which are converted by processing into articles of another physical or chemical composition. Ready-made parts and articles used in the assembly of motor vehicles and radios for example, also fall into the category of materials.

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