

Manufacturing industry: Production, 2011

Statistics South Africa

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1. Introduction

This publication reports the estimated values and quantities of selected products which were produced by the manufacturing industry in South Africa in 2011, as well as the estimated details of purchases of raw materials, fuel and containers and packaging by industry. Financial results for the industry are reported in Report No. 30-02-03, *Manufacturing industry: Financial 2011*.

1.1 Sequence and grouping of products

The sequence of products in the report follows the *Central Product Classification, Version 2* (United Nations).

The grouping of products in Tables 1 to 10 corresponds approximately with the ten divisions of the *Standard Industrial Classification of all Economic Activities (SIC)* as follows:

Table of products

Table 1 - Food and beverages

Table 2 - Textiles, clothing and leather products and footwear

Table 3 - Wood products, paper products and printed matter

Table 4 - Coke, petroleum products, chemical products and rubber and plastic products

Table 5 - Glass and other non-metallic mineral products

Table 6 - Furniture and other manufactured products (including recycling)

Table 7 - Metals, metal products, machinery and equipment

Table 8 - Electrical machinery and apparatus

Table 9 - Communication, medical and optical equipment

Table 10 - Transport equipment

SIC division

Division 30 - Manufacture of food products and beverages

Division 31 - Manufacture of textiles, clothing and leather products and footwear

Division 32 - Manufacture of wood and wood products, paper, publishing and printing

Division 33 - Manufacture of coke, petroleum products, chemical products and rubber and plastic products

Division 34 - Manufacture of glass and other non-metallic mineral products

Division 39 - Manufacture of furniture and other manufacturing (including recycling)

Division 35 - Manufacture of metals, metal products, machinery and equipment

Division 36 - Manufacture of electrical machinery and apparatus

Division 37 - Manufacture of telecommunication and professional equipment

Division 38 - Manufacture of transport equipment

The values of sales for groups of products do not correspond exactly with the financial data for the corresponding SIC division because:

- In some cases the secondary products of an enterprise do not correspond with the same industry division as its primary product.
- Some products are manufactured by more than one industry division. For example, vitamin supplements are produced by manufacturers of food and beverages as well as by manufacturers of pharmaceuticals; and plastic bags are produced by manufacturers of textiles as well as by manufacturers of plastic products.

The estimates presented here are derived from the results of the 2011 manufacturing large sample survey (LSS). The survey collected data from a sample of approximately 10 000 enterprises drawn from a sampling frame of approximately 60 000 enterprises which were operating between 1 July 2010 and 30 June 2011. The sample was stratified in such a way that all large and medium enterprises (with turnover equal to or larger than R24 million) were included. The collection rate was 81%.

The survey is conducted every three years and measures economic activity in the manufacturing industry of the South African economy. The previous manufacturing LSS was conducted in 2008 and financial results were reported in Statistical release P3002, *Manufacturing industry 2008* and Report No. 30-02-03 (2008), *Manufacturing industry: Financial*. The values and quantities for selected manufactured products were released in the Report No. 30-02-04 (2008), *Manufacturing industry: Production*.

1.2 Scope and coverage

This survey covers enterprises registered in the taxation system that are mainly engaged in manufacturing:

Including

- The South Africa-based activities of enterprises which operate in multiple countries.

Excluding

- Activities of South Africa-based enterprises in other countries.
- Activities of enterprises for which manufacturing is a secondary activity.

1.3 Data items

The following categories of data items were collected: industrial classification, details of employment, income, expenditure, profit or loss, inventories, book value of assets, and details of products manufactured.

1.4 Reference period

The questionnaires were completed for the financial year of the enterprise which ends on any date between 1 July 2010 and 30 June 2011, according to the usual reporting schedule of the enterprise.

For example

- 1 October 2009 – 30 September 2010
- 1 January 2010 – 31 December 2010
- 1 February 2010 – 31 January 2011
- 1 March 2010 – 28 February 2011
- 1 April 2010 – 31 March 2011

1.5 Current prices

The rand values are at current prices.

1.6 Reliability of data

All estimates compiled for this industry are subject to both sampling and non-sampling errors.

The estimates are subject to sampling variability since they are based on information obtained from a sample. They may therefore differ from the figures that would have been produced if the data had been obtained from all enterprises in the manufacturing industry in South Africa. The standard error (SE) indicates the extent to which an estimate might have varied by chance because only a sample of enterprises was used. The relative standard error (RSE) (the standard error expressed as a percentage of the estimate) provides an indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer to the size of the estimate. The larger the RSE, the less reliable the estimate is.

The following are some of the likely sources of non-sampling errors: sampling frame not up to date, incorrect definitions and classification, imprecise phrasing of questions, non-response, incorrect processing and estimation. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them with a sample of respondents, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.

1.7 Confidentiality

According to Section 17 of the Statistics Act, 1999 (Act No. 6 of 1999), completed questionnaires remain confidential to Statistics South Africa (Stats SA). Individual or company specific information is not disclosed. Results are presented in aggregated form only.

1.8 Reporting unit

The statistical unit for the collection of information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities. Each enterprise is classified to an industry that reflects its predominant activity.


PJ Lehohla
Statistician-General

2. Tables

Table 1 – Manufactured products sold in 2008 and 2011: Food and beverages

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Meat and meat products					
Beef or veal, fresh, chilled or frozen	kilogram	301 890 656	6 483 766	421 544 319	10 623 439
Processed meat, including poultry			8 291 517		7 217 578
Mutton or lamb, fresh, chilled or frozen	kilogram	72 351 739	2 114 257	75 892 400	3 047 554
Pork, fresh, chilled or frozen	kilogram	34 094 628	574 114	95 297 118	2 099 792
Packed meat pies (fresh, frozen, par-baked)			656 630		1 477 070
Edible offal, fresh, chilled or frozen	kilogram	86 472 004	458 464	85 691 021	624 795
Other meat (including chicken, venison and ostrich) fresh, chilled or frozen			1 355 494		1 370 172
Other meat and meat products (including fish)			5 647 082		2 155 421
Meat and meat products			25 581 324		28 615 821
Fruit and vegetable products					
Pure fruit juices, concentrated in undiluted form and ready-to-drink	litre	407 036 691	3 369 435	679 303 129	6 368 296
Frozen and canned vegetables and puree, excluding infant foods			2 698 505		2 746 547
Canned or bottled fruit excluding infant foods, raisins, sultanas, currants and other dried fruit and mincemeats thereof			2 157 055		2 044 016
Dairy fruit mixtures	litre	166 775 134	1 141 733	152 042 442	1 075 345
Nuts	kilogram	13 346 901	382 564	34 671 028	1 064 663
Fruit nectar, ready-to-drink	litre	78 534 504	576 256	107 021 123	1 008 056
Natural fruit base concentrates (e.g. grape, apple concentrates)	litre	54 912 233	610 090	77 946 928	928 673
Marmalade, chutney, frozen fruit, fruit jellies and other fruit jams			515 511		789 970
Prepared vegetables, cooked or uncooked and vegetable dishes			231 524		712 692
Prepared fruit and fruit dishes	kilogram	3 810 993	104 144	33 020 691	619 142
Peanut butter	kilogram	21 400 197	294 950	24 344 581	592 963
Fruit squash and natural fruit based cordials in undiluted form	litre	82 106 779	731 951	57 472 391	543 952
Fruit pulp and purée (e.g. guava), excluding tomato	kilogram	53 106 191	435 243	53 864 759	518 947
Dried beans, peas and other dehydrated vegetables			128 339		161 455
Other fruit and vegetable products			832 563		922 659
Fruit and vegetable products			14 209 863		20 097 376

Table 1 – Manufactured products sold in 2008 and 2011: Food and beverages (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Vegetable and animal oils and fats					
Other edible vegetable oils, refined			2 264 437		4 072 159
Hydrogenated and esterified animal and vegetable fats and oils, including solidified or hardened	kilogram	149 708 668	1 275 970	350 733 755	3 062 876
Sunflower seed oil, refined	litre	176 641 689	1 676 437	281 364 964	2 976 755
Yellow margarine	kilogram	115 194 402	1 184 362	176 884 948	2 799 005
Soya-bean oil, refined	litre	74 555 939	683 855	191 940 909	1 999 864
Other vegetable and animal oils and fats			1 249 836		1 473 404
Vegetable and animal oils and fats			8 334 897		16 384 063
Dairy products					
Milk, pasteurised, homogenised and sterilised, fresh	litre	460 765 493	2 533 588	576 214 446	4 134 049
Milk, UHT (e.g. long life milk)	litre	332 068 889	1 917 440	465 179 167	3 423 599
Yoghurt and yoghurt products (e.g. flavoured, fruit, yogi sip)	litre	153 829 351	1 839 753	213 839 476	2 917 336
Other blends of dried milk products for human as well as animal consumption including infant formula, dairy creamers and milk replacers			756 819		1 181 527
Cheddar (pre-packed, grated or other)	kilogram	32 650 461	948 765	28 942 666	1 152 755
Milk powder for human consumption	kilogram	29 064 733	739 920	44 263 379	887 841
Dairy ice cream (full cream, butter fat only)	kilogram	41 019 807	777 890	43 652 121	885 501
Condensed milk, evaporated milk and other liquid milk products			652 497		876 771
Processed cheese and cheese spreads	kilogram	9 902 173	370 650	18 336 065	859 848
Gouda (pre-packed, grated or other)	kilogram	21 625 020	569 167	19 337 229	794 501
Other cheese including mozzarella, blue-veined			535 343		758 433
Other fermented or acidified milk and cream including maas, curd			462 788		701 175
Butter, fats and oils derived from milk (e.g. dairy spreads)	kilogram	17 118 274	359 603	20 179 244	691 205
Water ices	kilogram	25 686 161	194 985	80 040 044	587 661
Buttermilk	litre	26 125 860	124 618	47 924 482	503 586
Other dairy products			1 322 761		1 394 800
Dairy products			14 106 587		21 750 588
Grain products					
Maize meal (white and yellow mealie meal)	tonne	1 781 012	4 786 191	2 107 338	5 853 004
Poultry feeds	tonne	2 268 016	5 409 931	2 224 713	6 294 670

Table 1 – Manufactured products sold in 2008 and 2011: Food and beverages (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Grain products					
Instant breakfast foods, roasted, toasted, puffed and other, including cereal bars	kilogram	60 721 555	1 612 902	126 827 009	3 395 919
White bread meal (approximately 80% extraction), wheat	tonne	779 860	2 398 286	768 255	2 953 852
Other cereal meal and flour, oats, barley, rye and malt products			1 707 794		2 826 287
Cattle feeds	tonne	1 288 481	2 801 939	1 093 442	2 680 148
Dog and cat food, dry, semi-moist, canned			1 189 878		2 505 413
Cake flour, wheat	tonne	627 795	2 083 532	586 096	2 435 693
Rice, semi or wholly milled	tonne	428 910	1 131 835	418 979	2 380 088
Other supplementary farm feeds, including protein minerals, energy supplements and preparations used for animal feeding			1 556 340		1 809 212
Bran and hominy chop	tonne	1 271 191	1 442 072	1 258 892	1 507 654
Brown bread meal (approximately 90% extraction), wheat	tonne	519 799	1 386 678	414 416	1 398 799
Bakers' pre-mixes, including butter mixes and bakers' dough			388 381		825 441
Pig feeds	tonne	335 943	836 024	300 031	811 028
Mealie-rice and grits	tonne	137 387	327 675	219 097	576 174
Samp and crushed mealies	tonne	81 755	212 818	143 714	360 472
Other grain products			1 493 577		907 410
Grain products			30 765 853		39 521 264
Bakery products					
Standard white bread	number	801 121 569	4 175 230	873 190 399	4 840 089
Other bread, standard and non-standard, bread rolls and buns and bread crumbs			2 485 619		4 155 523
Standard brown bread	number	624 543 161	3 058 429	730 487 264	4 037 716
Savoury, plain sweet and other sweet biscuits, including waffles, meringues and gingerbread			1 578 472		3 334 297
Other bakery products			1 424 393		2 512 568
Bakery products			12 722 143		18 880 193

Table 1 – Manufactured products sold in 2008 and 2011: Food and beverages (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Sugar and sugar confectionary					
Refined white sugar for export and for local sale	tonne	1 371 024	4 491 009	959 668	4 545 916
Raw cane sugar for export and for refining for local sale	tonne	1 063 093	2 531 457	837 178	4 341 235
Chocolate and sugar confectionery containing cocoa	kilogram	80 478 852	3 157 887	81 633 309	4 104 914
Other processed sugars			1 917 781		2 032 220
Gums, jellies, pastilles, lozenges, starch goods and liquorice	kilogram	40 368 570	847 449	28 927 167	1 244 373
Boiled sweets	kilogram	39 465 366	696 604	48 134 534	1 085 915
Other sugar confectionary			536 010		570 682
Sugar and sugar confectionary			14 178 197		17 925 255
Other food products					
Potato crisps	kilogram	69 911 741	2 322 546	62 052 380	2 644 495
Coffee and coffee substitutes, including roasted coffee beans			1 119 341		2 629 087
Culinary herbs and other spices including curry			2 026 011		2 381 375
Corn chips	kilogram	54 511 103	1 136 552	86 765 634	2 167 478
Mayonnaise, salad creams and dressings	kilogram	84 468 225	1 388 036	110 163 529	1 876 392
Black tea and green tea, blended and packed for retail sale, tea leaves and bags, including rooibos and other herbal tea			2 745 906		1 867 920
Sauces			1 051 197		1 255 119
Non-dairy creamers	kilogram	40 841 694	875 730	54 266 769	1 235 672
Soups and broths, powdered and liquid, not canned	kilogram	36 043 034	975 110	45 402 644	910 060
Infant food preparations and infant milk formula, other than dairy based e.g. soya-milk	kilogram	16 188 026	425 828	29 030 225	902 217
Pasta, uncooked, containing eggs or not, cooked, stuffed, canned or otherwise prepared including noodles	kilogram		437 435		815 736

Table 1 – Manufactured products sold in 2008 and 2011: Food and beverages (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Other food products					
Other powder mixes including jelly, custard powder, non-dairy powdered desserts and puddings	kilogram	27 798 134	614 121	30 052 659	802 544
Condiments and seasoning			678 325		764 934
Other soya bean products, excluding soya-milk	kilogram	43 891 700	636 121	24 845 939	680 134
Other			3 177 630		3 048 360
Other food products			19 609 889		23 981 523
Wines and spirits					
Natural (unfortified) bottled wines, still	hectolitre	2 792 402	6 373 503	2 601 303	5 677 196
Bulk unfortified (natural) drinking (good) wine and bottled sparkling wines, perle wines and other still unfortified wines	hectolitre	4 195 866	3 471 794	8 970 267	5 248 762
Bulk fortified (spirit added) drinking (good) wine and bottled flavoured wines, port and other dessert and jeripigo wines, sherry, vermouth and other alcoholic fruit and alternative alcoholic beverages e.g. ciders, RTDs	hectolitre	1 893 113	3 141 292	4 070 389	4 457 233
Other spirituous liquors and mixes including whisky, gin, vodka and liquor	litre(AA)	47 459 336	1 981 869	46 507 503	3 006 156
Rebate brandy and brandy blends	litre(AA)	42 738 873	1 274 594	24 729 053	1 566 454
Other wines and spirits			341 704		299 790
Wines and spirits			16 584 756		20 255 591
Mineral water, soft drinks, lager, sorghum and other beer					
Aerated flavoured carbonated soft drinks and soda siphons, sugar and artificially sweetened	litre	2 732 923 927	13 822 349	2 773 600 905	17 091 348
Bottled water	litre	176 649 359	748 459	463 983 080	2 746 214
Non-carbonated soft drinks (e.g. sport or energy drinks)	litre	221 943 624	1 493 521	116 143 596	1 064 948
Synthetic dilutables / cordials (cool drink syrups and bases) in undiluted form	litre	41 930 803	359 126	11 686 014	124 024
Lager, sorghum and other beer	litre	2 972 367 519	18 407 836	2 892 523 740	16 662 533
Mineral water, soft drinks, lager, sorghum and other beer			34 831 291		37 689 067
Total			190 924 800		245 100 741

Table 2 – Manufactured products sold in 2008 and 2011: Textiles, clothing and leather products and footwear

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Textile products for the automotive industry, including leather			2 226 287		3 873 041
Other made-up textile articles including textile baby nappies, bags, twine, netting and quilted textile articles in the piece			2 108 223		2 118 677
Bed linen, sheets, covers, inners, blankets			1 217 203		1 876 917
Other carpets and textile floor-coverings			2 307 864		1 629 018
Natural animal fibres (scoured, carbonised and carded), tops and noils, yarns of wool and mohair and woven fabric of woolen spun yarns, excluding blanketing			703 151		1 118 037
Woven fabrics of man-made continuous filament yarns, plain dyed, colour woven, printed and other including woven industrial fabrics	square metres	48 504 529	831 913	42 849 737	940 020
Non-woven fabrics			707 575		906 791
Woven fabrics of cotton and other vegetable fibres, unbleached, bleached, plain dyed, colour woven, printed and other including woven cotton industrial fabrics			1 307 291		891 080
Interior blinds			330 518		801 989
Man-made and artificial (acrylic) filaments and synthetic staple fibres, yarns, single, multiple (folded), cabled including sewing thread	kilogram	29 811 209	783 178	22 736 393	737 942
Textile fabrics, impregnated, coated, covered or laminated			493 031		639 679
Weft knitted knit fabrics e.g. circular knit or piece goods (colour knitted, plain dyed or printed) of natural and man-made yarns			1 300 661		607 720
Terry towelling and bathroom and toilet linen e.g. towels, face cloths			514 005		560 853
Tents			244 038		452 424
Textile flags and banners			122 040		414 013
Curtains and net curtains (e.g. voiles, flounce), including drapes and valances			218 658		373 546
Narrow woven fabrics			367 493		497 583
Tricot and raschel warp knitted knit fabrics and piece goods (colour knitted or plain dyed) of natural and man-made yarns	kilogram	5 502 066	288 058	7 727 998	328 973

Table 2 – Manufactured products sold in 2008 and 2011: Textiles, clothing and leather products and footwear (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Textiles					
Vegetable textile fibres (e.g. cotton, flax, jute, sisal) and mixtures thereof, yarn or thread, single, multiple (folded) or cabled including cotton sewing thread	kilogram	20 134 486	326 941	11 865 871	321 325
Woven fabrics of discontinuous (worsted) spun yarns of synthetic staple fibres, plain dyed, colour woven, printed and other including woven industrial fabrics	square metres	53 184 281	971 723	12 557 557	301 730
Other textiles			876 226		598 589
Textiles			18 246 077		19 989 947
Clothing					
Other men's and boys' clothing (garments) and made-up clothing accessories of woven textile fabric			1 113 490		1 580 776
Women's and girls' clothing (garments) and made-up clothing accessories of woven textile fabrics			1 639 304		1 172 605
Other men's and boys' clothing (garments) knitted or crocheted of yarns or knitted textile fabric			661 223		816 123
Women's and girls' other underwear of knitted textile fabrics and foundation garments			829 248		780 819
Uniforms of military type, other uniforms and corporate wear	number	1 113 179	229 289	3 059 128	721 348
Women's and girls' dresses	number	3 411 491	408 606	5 641 168	694 011
Men's and boys' jeans, of woven natural fibre (cotton, wool) yarn mixture fabrics	number	10 997 577	1 037 534	2 697 863	658 605
Protective overalls, dust coats and boiler suits			804 738		627 184
Women's and girls' night dresses, pyjamas, bath robes and dressing gowns of knitted textile fabrics			299 662		626 154
Men's and boys' lounge and other casual shirts, of woven textile fabrics	number	9 132 669	947 547	4 851 409	579 503
Men's and boys' T-shirts, of knitted cotton, cotton yarn mixtures and man-made fabric	number	12 577 017	156 625	12 283 027	452 756
Hats, caps and berets, including hair nets, except safety headgear	number		15 256		442 597
Women's and girls' T-shirts, casual, sportswear shirts, vests, spencers and camisoles of knitted cotton, cotton yarn mixture and man-made fabrics			323 799		436 454

Table 2 – Manufactured products sold in 2008 and 2011: Textiles, clothing and leather products and footwear (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Women's and girls' knitted or crocheted jerseys, pullovers, cardigans, waistcoats of natural fibre and synthetic yarns	number	4 852 459	359 393	7 953 996	417 315
Men's and boys' knitted or crocheted jerseys, pullovers, cardigans and similar articles of natural fibre and synthetic yarns	number	8 213 806	256 994	5 618 153	401 454
Men's and boys' underwear, pyjamas, dressing gowns and bathrobes of knitted textile fabrics	number	12 447 367	255 791	1 098 071	380 688
Men's and boys' trousers	number	6 213 438	381 593	3 440 572	354 963
Women's and girls' skirts and divided skirts	number	3 730 454	265 933	3 710 911	333 463
Women's and girls' blouses and shirts, excluding T-shirts	number	7 394 968	337 790	4 287 975	328 207
Men's and boys' knitted or crocheted socks	pair	40 048 006	316 369	34 103 955	326 272
Women's and girls' slacks and jeans, of woven cotton and cotton yarn mixtures	number	5 492 943	420 507	2 098 520	314 324
Specialised protective and safety clothing (e.g. flame and acid resistant)			306 014		313 445
Other women's and girls' clothing (garments) and made-up accessories knitted or crocheted of yarns or knitted textile fabric			517 137		305 399
Men's and boys' jackets, including blazers	number	681 745	388 980	1 137 251	304 017
Women's and girls' swimwear of knitted textile fabrics	number	346 439	24 641	3 909 778	291 600
Babies' outer and underwear garments (knitted or crocheted) of natural fibres, including booties and clothing of woven fabric			348 993		290 042
Women's and girls' jackets, including blazers	number	909 542	122 201	1 653 077	282 741
Men's and boys', women's and girls' waterproof clothing and raincoats of plastic	number		35 397		271 738
Women's and girls' suits and slack suits of woven textile fabrics	number	1 745 812	258 078	993 954	235 687
Clothing			13 062 132		14 740 290

Table 2 – Manufactured products sold in 2008 and 2011: Textiles, clothing and leather products and footwear (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Men's and boys' civilian shoes, industrial and mining, services (GPMC) shoes, boots and half boots, civilian boots and half boots and sandals with uppers of leather	pair	25 412 490	1 364 664	6 968 927	1 541 135
Bovine (cattle and buffalo), calf and equine leather, upholstery leather for the automotive and furniture industries	square decimetre	556 780 381	1 145 802	218 052 178	988 879
Bovine (cattle and buffalo), calf and equine leather stock, mineral and vegetable tanned and semi-tanned crust hides			449 219		822 688
Women's and girls' civilian shoes, services (GPMC) shoes, boots and half boots, civilian boots and half boots and sandals with uppers of leather	pair	2 139 727	408 629	2 697 624	469 656
Children's and infants' civilian shoes, uppers of leather	pair	16 587 530	159 770	5 639 294	415 591
Men's and boys', women's and girls' civilian shoes, industrial, mining and services (GPMC) shoes, boots and half boots, civilian boots and half boots, sandals and slippers with uppers of plastic or plastic coated material, rubber or textile material	pair	7 838 166	209 340	4 361 574	380 508
Ostrich skin leather	square decimetre	37 333 548	448 732	28 826 335	346 291
Other footwear parts including soles, heels, tips of leather, plastic and other material excluding rubber and removable insoles			247 950		290 317
Gumboots and similar waterproof footwear, uppers of plastic, adults' and children's	pair	4 467 060	161 759	5 063 688	280 140
Other leather products and footwear			1 547 171		1 174 107
Leather products and footwear			6 143 036		6 709 312
Total			37 451 245		41 439 549

Table 3 – Manufactured products sold in 2008 and 2011: Wood products, paper products and printed matter

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Corrugated cardboard boxes and folding cartons	tonne	884 661	5 262 120	810 217	6 940 906
Uncoated packaging or wrapping paper, processed paper and paperboard and other uncoated and coated, printed, creped, crinkled, embossed, perforated, translucent papers, in rolls and sheets	tonne	940 148	5 151 757	1 187 909	6 102 333
Built-in (fixed) wooden household furniture			3 163 988		3 585 498
Sacks and bags of paper			2 130 125		3 068 481
Uncoated paper and paperboard in rolls or sheets, recycled paper and toilet or facial tissue stock, towel, napkin and similar stock	tonne	873 364	4 854 605	494 099	3 032 394
Particle (chipboard) board, plain and veneered face and other boards of wood or other ligneous materials, vegetable fibre, straw or wood waste, agglomerated with mineral binders	cubic metre	1 917 640	2 829 654	1 055 576	2 985 914
Sanitary towels, tampons and disposable nappies for babies			1 088 555		2 128 951
Food cartons (e.g. frozen food, milk, cream, etc.)			1 675 290		1 979 772
Wooden garage, folding, sliding and flush panel doors, hollow core, semi-solid, solid and other panel or moulded doors, excluding louvered doors	cubic metre	2 169 788	1 286 729	4 660 021	1 828 023
Treated structural, industrial and other timber, sawn lengthwise, not further processed including utility, transmission and telephone, building and scaffolding and other poles	cubic metre	540 769	872 562	1 036 518	1 773 554
Wood in chips or particles, wood wool and shavings	cubic metre	3 393 347	1 713 251	2 012 579	1 756 754
Corrugated single and double wall paperboard in sheets or rolls	tonne	265 572	1 136 052	237 103	1 701 339
Untreated structural, industrial and other timber, sawn lengthwise, not further processed including poles and laggings sawn for underground supports (mining) and other untreated poles, other than for mining	cubic metre	2 789 199	2 432 023	1 045 764	1 557 462

Table 3 – Manufactured products sold in 2008 and 2011: Wood products, paper products and printed matter (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Wood and paper products					
Toilet paper	no. of rolls	845 467 515	1 282 581	774 639 885	1 524 538
Wooden containers			1 083 666		1 444 226
Other packing containers of paper and paperboard of a kind used in offices, shops or the like, including wrappers, bobbins, spools, cones, cores			2 058 683		1 247 213
Fibreboard, low density (soft board), medium density (MDF, supawood) and high density (hard board)	cubic metre	350 181	667 961	465 502	927 591
Wooden coniferous species poles (including droppers and cross-arms), treated with organic solvent based and waterborne preservatives and mining timber including pipe supports, mat packs and drill packs, wedges, chocks and slabs	cubic metre	1 534 210	1 013 470	968 346	883 447
Shop fitting of wood			517 014		853 937
Other builders' joinery, roof trusses			544 157		692 047
Other products of wood and board and agglomerated cork and articles thereof and pulps of wood			5 280 368		5 297 439
Other paper and paperboard products including paper pulp products			3 127 780		2 904 422
Wood and paper products			49 172 391		54 216 241
Printed matter					
Stationery, whether or not bound in books or pads			3 025 315		3 753 813
Labels / tags / stickers			1 947 862		3 285 687
Other books in print for own publication, fiction, literature, professional, technical, music, picture, colouring			3 006 069		2 870 317

Table 3 – Manufactured products sold in 2008 and 2011: Wood products, paper products and printed matter (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Other printed commercial advertising material including shopping newspapers made up mainly of advertisements			776 266		2 623 456
Newspapers - own publication, broadsheet and tabloid pages			1 598 672		2 100 747
Journals, periodicals and magazines - own publications			2 078 999		1 959 569
Journals, periodicals and magazines - publications printed for other publishers			2 143 784		1 897 781
Trade catalogues and advertising brochures, leaflets, pamphlets			216 287		1 837 643
Unused postage, revenue or similar stamps, cheque forms, banknotes and documents of title and other security printing			933 712		1 468 771
Personal stationery, printed office and continuous stationery (e.g. letterheads, note paper, computer rolls), not bound in books or pads			1 219 028		1 330 554
School text books in print for own publication			1 224 164		1 171 514
Other books, printed for other publishers			360 530		1 132 581
Newspapers - publications printed for other publishers, broadsheet and tabloid pages			624 213		812 110
General jobbing (printed for clients)			1 535 801		671 196
Brochures and leaflets essentially of textual matter (other than advertising material)			892 722		547 860
Other printed matter			1 385 031		1 380 693
Printed matter			22 968 455		28 844 292
Total			72 140 846		83 060 533

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Coke and petroleum products					
Stoker plant char (charcoal), retort carbon, coal coke and tar and other mineral tars	tonne	1 308 755	1 240 196	736 903	1 695 124
Petrol (motor spirit / gasoline), lead replacement (LRP) 93 and 95 octane	kilolitres	3 613 045	17 164 665	2 676 213	16 455 983
Petrol (motor spirit / gasoline), unleaded 95 octane	kilolitres	3 965 081	17 802 450	4 164 980	25 092 058
Petrol (motor spirit / gasoline), unleaded 93 octane	kilolitres	2 916 075	16 195 034	5 956 408	31 480 015
Other light petroleum oils and oils obtained from bituminous materials, other than crude e.g. other octane petrol, other spirit type fuel blends, aviation, jet and turbo fuel	kilolitres	2 558 889	11 880 298	3 198 306	14 900 945
Other products derived from paraffin (kerosene), jet fuel, power paraffin, illuminating and non-illuminating paraffin			4 122 918		8 468 399
Medium petroleum heating and furnace oils	kilolitres	376 001	1 303 547	599 912	2 225 656
Diesel fuel, automotive	kilolitres	9 356 402	40 370 198	12 247 821	69 417 720
Heavy diesel fuel oils and gas oils	kilolitres	1 409 128	3 470 838	1 298 166	4 059 216
Heavy petroleum furnace, sludge and bunker oils			9 790 000		5 616 277
Liquid petroleum gases (LPG)	kilogram	870 291 512	3 594 976	749 189 168	4 807 856
Petroleum jelly	kilogram	61 609 978	1 321 764	106 984 584	2 291 923
Other refinery products			32 674 143		34 680 009
Other coke and petroleum products			22 649 161		19 312 523
Coke and petroleum products			183 580 188		240 503 704
Chemical products					
Petroleum gases or gaseous, acyclic and aromatic hydrocarbons, alkenes (olifines), alkynes, alkinies and derivatives of hydrocarbons and alcohols and derivatives thereof			5 764 788		7 898 735
Other polymers			6 201 111		8 540 722
Other inorganic chemicals and compounds, salts and esters thereof including radioactive elements and compounds (uranium)			5 641 297		6 776 276
Other organic and organo-inorganic chemicals and compounds, salts, esters and ethers thereof			7 355 346		6 570 105
Ethylene polymers and copolymers (PET)	kilogram	493 294 335	7 492 979	488 387 991	5 791 189

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Chemical products					
Fertilisers, soil reconditioners and growth regulators including fertiliser chemicals			5 111 945		5 265 737
Inorganic acids including nitric and sulphuric acid	kilogram	1 010 606 404	5 694 174	629 013 162	4 479 515
Nitrogenous and compound fertilisers			2 631 534		3 274 876
Gases, produced and compressed, liquefied and solidified including chlorine, hydrogen, nitrogen, inert gases, medical and industrial oxygen, carbon dioxide gas and dry ice	kilogram	388 908 392	2 977 480	467 838 084	3 185 057
Vinyl chloride polymers (PVC) and copolymers	kilogram	267 576 898	4 426 656	245 339 024	2 173 158
Synthetic rubber (e.g. SBR, XSBR) and mixtures with natural rubber or chemicals in primary forms or in plates, sheets and strips	kilogram	90 438 093	1 217 226	72 015 230	1 532 937
Sulphur (except sublimed sulphur, precipitated sulphur and colloidal sulphur)	kilogram	205 368 065	1 089 636	156 323 300	963 111
Crop protection remedies and other agro-chemical products			1 965 667		1 252 752
Insecticides and miticides for crop, household and garden use			456 680		726 444
Tanning extracts, including wattle extract, vegetable or animal origin, gums and other synthetic organic dyes			443 046		571 165
Other basic chemical products			3 368 722		2 137 910
Chemical products			61 838 287		61 139 689
Paints, fillers and other surface preparations					
Solvent based paints			3 420 710		3 855 524
Ink for printing, engraving, screen processing and other purposes including artists', students' or signboard painters' colours, modifying tints and the like			932 725		1 698 171
Automotive paints (car finishes) and other metal decorating finishes	litre	37 329 494	1 214 924	39 682 312	1 627 111
Polyvinyl acetate (PVA) and emulsion paints	litre	78 141 658	1 410 262	65 308 513	1 558 656
Prepared pigments and colours, opacifiers and the like	kilogram	52 281 059	921 343	43 580 068	1 121 537
Flat paints, water based	litre	10 115 697	180 417	28 488 208	741 814
Other water based paints			432 567		593 709
Master batch	kilogram	19 876 392	483 288	15 958 101	588 704

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Paints, fillers and other surface preparations					
Varnishes (domestic, insulating and industrial) and lacquers			333 948		502 825
Other stoppers, fillers, sealers, water proofers, grouters and mastics	kilogram	33 811 611	429 499	28 095 934	767 903
Other surface preparations			1 127 633		741 516
Paints, fillers and other surface preparations			10 887 316		13 797 470
Pharmaceuticals					
Medicines affecting autonomic functions e.g. anti-histaminics, anti-emetics, anti-vertigo preparations, preparations for the common cold and respiratory medicines including antitussives, expectorants, bronchodilators, inhalants and cardiac and vascular medicines including vasodilators, hypotensive medicines, migraine preparations and medicines acting on the blood and haemopoietic systems			2 004 316		2 748 176
Antiviral (e.g. HIV drugs) and antimicrobial drugs, and antibiotics, tablets, capsules, pills, powder, including preparations put up for injection, antifungal antibiotics, broad and medium spectrum antibiotics and penicillin and tetracycline combinations			771 538		1 591 212
Vitamins and multivitamins with or without minerals, pills, capsules, effervescent tablets, in liquid form including tonics and preparations put up for injection			1 019 528		1 498 652
Compounds containing aspirin and/or paracetamol			532 989		1 134 610
Critical care medical products (e.g. intravenous fluids, IV drugs, fluid therapy) and special medical kits for blood collection, renal therapy, cancer treatment, first aid, splint kits			682 358		1 049 045
Active pharmaceutical chemical ingredients			464 973		904 463
Homeopathic, herbal medicines or traditional remedies			318 098		890 459
Hormones and antihormones including preparations put up for injections, steroid and contraceptive and ovulation preparations, medicines acting on genito-urinary systems, vaginal preparations, chemotherapeutic agents and drugs including tuberculostatics			260 763		751 405
Other pharmaceutical products or articles for medical, surgical and orthopaedic purposes including wound and burn applications, non-adhesive and adhesive surgical dressings and bandages, plasters and pads, cotton wool (surgical), swabs, plaster of Paris bandages and synthetic casting tape			452 510		611 082

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Pharmaceuticals					
Veterinary medicaments and vaccines and antisera (injections)			660 190		526 910
Other pharmaceuticals			2 989 919		1 796 449
Pharmaceuticals			10 157 182		13 502 463
Cleaning preparations and toiletries					
Detergents, liquid and powder			5 523 507		5 188 441
Bleach and other surface active cleaning preparations including hand cleaners			825 126		2 892 267
Body lotions, sun tan and similar skin foods, pre-shave, shaving and after shave lotion and other preparations, other hair removing preparations, skin lighteners, body talc			837 922		2 360 371
Other bath and toilet preparations (e.g. bath crystals, oil, foam bath) including preparations for perfuming and de-odourising rooms			444 191		2 098 434
Surfactants and flotation agents, fabric softeners and other textile and clothing cleaning preparations			1 424 654		1 732 287
Perfumes, colognes and toilet waters, including lavender			293 507		1 700 647
Body deodorants and antiperspirants			1 958 306		1 548 144
Skin care ranges			415 195		1 523 209
Face creams and face lotions			266 516		1 513 413
Hand lotion and creams, other hand, foot and nail cosmetics and manicure and pedicure preparations			722 436		1 320 477
Toilet and antiseptic bar and liquid soap			1 530 278		1 271 000
Other hair preparations including hair straighteners			535 687		1 160 183
Engine degreasers	kilogram	3 103 374	31 551	39 424 000	928 754
Polishes and creams for furniture, floor and stoep, footwear, coachwork, metal and glass, artificial and prepared waxes and other combination cleaning and polishing preparation	kilogram	37 781 405	908 860	17 211 077	779 380
Toothpaste and other mouth preparations (e.g. mouthwash, dentifrices)			762 955		738 162
Essential oils and concentrates (e.g. fruit oils and aromatherapy oils), for chemical or pharmaceutical purposes	litre	1 150 991	174 735	17 880 792	737 089
Liquid and cream shampoos	litre	12 631 405	514 653	10 598 557	652 201

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Cleaning preparations and toiletries					
Colour cosmetics, including eyeshadows, lipsticks, rouge and mascara and colour pencils for lips and eyes			400 735		530 678
Laundry bars and tablets	kilogram	126 517 967	982 496	57 499 888	474 230
Cleaning preparations and toiletries			18 553 310		29 149 367
Industrial chemical products					
Prepared explosives; safety fuses; detonating fuses; percussion or detonating caps and other pyrotechnical articles			6 090 053		6 991 004
Other chemical treatment preparations and finishing agents for industrial use including electrode paste, paper chemicals and mineral processing chemicals			4 421 171		5 322 760
Prepared chemical additives, add-mixtures and catalysts			2 211 034		2 142 435
Water and pool treatment chemicals	kilogram	57 962 987	952 097	44 539 263	1 011 736
Specialised mining chemicals	kilogram	104 678 137	697 148	44 914 663	965 891
Adhesives and sealants (glues)			2 888 918		2 188 467
Cleaning chemicals	kilogram	26 535 543	198 439	26 196 643	347 986
Other industrial chemical products			1 530 946		971 420
Industrial chemical products			18 989 806		19 941 699
Rubber products					
Tyres: pneumatic, new, for motor cars (e.g. radial ply)	number	7 001 480	2 793 458	6 329 872	2 516 085
Tyres: pneumatic, new, for buses, giant trucks and industrial low loaders	number	501 879	855 978	805 364	2 004 004
Tyres: pneumatic, new, for light trucks (LDVs)	number	2 774 723	1 498 621	2 605 320	1 482 700
Conveyor and transmission belts or belting of vulcanised rubber, including V-belts e.g. industrial and fan belts			777 574		1 301 956
Other rubber parts, including pipe fittings and couplings, washers and mountings for industrial and mining machinery and other industries of vulcanised rubber			575 069		927 285
Tyres: pneumatic, new, for other vehicles (e.g. motorcycles, bicycles), front and rear tractor tyres, earth movers and graders and inner tubes, new for all vehicles including solid rubber wheels or cushion tyres			853 966		736 198
Camel back strips for retreading tyres			549 981		720 054

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Rubber products					
Unvulcanised compounded rubber in primary forms or in plates, sheets or strips and reclaimed rubber, profile shapes, waterproof sheeting, linings, moulded articles and extrusions, hygienic and pharmaceutical articles, rubber gloves and wearing apparel			1 016 248		958 059
Retreaded pneumatic tyres			332 577		395 244
Rubber parts for motor vehicles			7 118		206 112
Other rubber products			327 212		588 846
Rubber products			9 587 802		11 836 543
Plastic products					
Polyethylene carrier, carry and self-opening bags for consumables, single layer, laminates	kilogram	93 073 705	1 450 519	229 134 695	2 870 973
Civil engineering rigid pipes and tubes including water, sewerage and drain pipes and tubes	kilogram	49 865 972	772 514	67 652 542	1 829 014
Plastic motor vehicle parts and components			906 127		1 747 539
Plastic rigid sheets, slabs or blocks of a thickness above 1mm (e.g. polyamide, polystyrene and polyethylene)			128 537		2 362 249
Plastic mouldings and patterns, industrial and other			1 427 517		1 637 205
Polyethylene (film), in rolls or sheets, of a thickness up to 1mm	kilogram	111 609 908	2 185 686	69 656 079	1 626 347
Polypropylene bags (e.g. food, fertilisers, chemicals), knitted and woven	kilogram	34 815 932	703 048	57 256 744	1 598 574
Cups and tubs (packaging food containers), of plastic	kilogram	21 949 052	497 418	57 586 232	1 455 643
Tableware and kitchenware of plastic including cutlery, mugs and cups, including saucers, other hollow-ware and bread, litter, storage and dust bins and other plastic household articles e.g. ornaments, picture frames, baskets, ashtrays, curtain rails and fittings, handles and knobs, coat hangers			850 481		1 401 875
Containers for milk and beverages, including bottles, capacity 2l and less	kilogram	40 320 478	968 548	57 262 177	1 271 932
Other plastic articles and parts or components, including bobbins, cores, spools, builders' ware, parts of lamps, lighting fittings, illuminated signs, name plates, electrical insulated fittings, traffic aids, goggles, guards, protectors, conveyor belting and belts, battery cases, distribution boxes, traffic aids, guards, protectors, white goods components, garden and nursery articles and swimming pool equipment			1 485 112		1 222 405

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Stationery goods of plastic (e.g. file, book and document covers, letter files)			194 295		1 191 781
Plastic flexible hoses e.g. swimming pool cleaning hose, air and water hose, mining and industry pressure hose, garden hose			588 555		1 131 049
Plastic boxes for packing, stacking, shipping, tool boxes, cooler boxes and silos and tanks of plastic			766 205		1 051 700
Foam slabs, blocks and sheets, excluding mattresses, of polyurethane, rigid and flexible	kilogram	63 715 068	1 326 006	37 988 858	1 136 044
Polyvinylchloride (PVC) (film), in rolls or sheets, of a thickness up to 1mm	kilogram	6 817 319	141 378	33 613 216	899 949
Plastic rigid packaging (e.g. egg trays, bottle trays and fruit trays) and sheeting including plastic plates, sheets, films, strips reinforced, laminated or supported	kilogram	39 226 622	1 238 297	27 087 391	843 726
Plastic bags (plain or printed), polyethylene and other, knitted, woven and non-woven plastic bags			1 665 729		807 161
Stoppers, lids, caps, discs and other closures, of plastic			708 212		784 405
Plastic profiles, shapes and extrusions			1 387 066		1 157 178
Other plastic flexible material (e.g. polystyrene, polypropylene) in rolls or sheets and industrial and commercial flexible sheeting	kilogram	56 574 910	1 346 061	27 074 459	745 721
Polyethylene industrial sleeving and linings, including shrink and stretch sleeve wrap around labels, plain or printed, industrial and heavy-duty bags (plain or printed), excluding knitted and woven bags	kilogram	25 440 177	564 970	58 218 903	1 397 519
Crates of plastic	kilogram	27 428 844	508 138	30 723 423	637 319
Self-adhesive plates, sheets, film, foil, strips and other flat shapes of plastics and plastic (vinyl / cellulose) tape			358 499		584 236
Plastic valves and taps, tube and pipe fittings, except electrical			443 849		573 552
Other plastic containers, including bottles (e.g. feeding), capacity 2l and less	kilogram	73 847 990	1 891 788	38 329 039	1 026 038
Polyethylene refuse bags (plain or printed), excluding knitted and woven bags	kilogram	24 763 757	353 127	31 025 873	535 371
Other plastic containers, including bottles, capacity above 2 l	kilogram	5 686 799	145 010	19 865 344	534 130

Table 4 – Manufactured products sold in 2008 and 2011: Coke, petroleum products, chemical products and rubber and plastic products (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Other semi-manufactures of plastic (e.g. preforms, monofilms, excluding yarns and tapes) and synthetic sausage casings			306 907		457 224
Plastic (synthetic material) tarpaulins and other covers			228 734		416 207
Acrylic (plastic) sanitary ware including toilet seats and covers			264 321		390 292
Containers for household liquids, including bottles, (e.g. oil and vinegar), capacity 2l and less	kilogram	10 793 302	280 098	13 743 897	382 415
Containers for cosmetics, including bottles, (e.g. shampoos and creams), capacity 2l and less	kilogram	10 717 899	297 893	17 643 847	367 989
Other plastic products			2 691 273		2 085 705
Plastic products			29 071 918		38 160 467
Total			342 665 809		428 031 402

Table 5 – Manufactured products sold in 2008 and 2011: Glass and other non-metallic mineral products

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Glass and other non-metallic mineral products					
Cement and cement blends	tonne	10 596 436	10 525 194	14 277 563	13 886 534
Float glass (clear, tinted or obscure) in sheets, worked (cut-to-size), but not framed, building glass, speciality glass, automotive glass and other articles of glass including glass mirrors, bottles, jars and other containers of glass, domestic, laboratory, pharmaceutical glassware			6 941 099		8 194 404
Bituminous mixtures, emulsions, sheeting and compounds for road making/damp or waterproofing and pre-mixed asphalt			2 977 625		4 361 092
Ready-mixed concrete	cubic metre	5 946 191	4 054 965	4 670 105	4 352 596
Refractory products or materials			2 010 235		2 832 235
Fibreglass and other synthetic resin or composite material building, construction and insulation materials and products			1 329 567		2 677 147
Cement or concrete bricks and blocks: building or paving			2 822 041		2 413 447
Non-metallic mineral products including plaster and gypsum products, prepared packing and insulation products, carbon preparations in a semi-processed form and carbon black			2 711 854		1 955 512
Concrete pipes and other prefabricated (pre-cast) cement or concrete products and building sections			1 739 313		1 702 561
Clay building and paving bricks			2 936 792		1 823 956
Ceramic floor, wall and sill tiles, glazed and unglazed	square metre	46 126 025	1 426 646	40 323 531	1 397 850
Plasters, lime and dry mixtures of sand for building, plastering and concrete	tonne	547 798	487 649	702 874	856 395
Roofing tiles (cement or concrete)	square metre	20 430 337	930 409	17 355 055	845 476
Ceramic bathroom products including baths and wash basins and sanitary fixtures and porcelain or china and ceramic tableware			722 986		706 086
Abrasives			666 006		680 073
Worked natural stone products			832 904		603 331
Industrial and household components and articles of fibreglass and other synthetic resin, including packaging			758 687		596 664
Pre-cast concrete slabs or walls			343 452		592 908
Motor vehicle canopies, fibreglass	number	89 880	467 999	47 611	304 014
Other glass and non-metallic mineral products			888 257		984 511
Total			45 573 680		51 766 792

Table 6 – Manufactured products sold in 2008 and 2011: Furniture and other manufactured products (including recycling)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Wooden domestic seats and upholstered seats with wooden frame including lounge suites, settees, sofas, convertible couches, occasional and easy chairs, ottomans, pouffes, kitchen, dining room and bedroom chairs, dressing stools, restaurant chairs, outdoor furniture seats and cane domestic seats			2 102 340		2 321 481
Upholstered and other bed bases with wooden frame and mattress base sets, single, three-quarter, double and larger			1 553 620		1 758 057
Domestic wooden case goods e.g. bookcases, TV stands, trolleys and cabinets, wall and shelving units, wardrobes, dressers, chest of drawers			1 128 655		968 315
Wooden bedroom suite			276 887		429 582
Innerspring mattresses, single, three-quarter, double bed and larger	number	384 648	379 179	328 934	396 302
Office furniture metal cabinets	number	336 342	450 122	392 348	389 359
Domestic furniture: wooden			193 026		387 692
Office furniture wooden desks	number	164 631	233 765	270 300	344 119
Other furniture			4 448 156		3 689 436
Furniture			10 765 750		10 684 343

Table 6 – Manufactured products sold in 2008 and 2011: Furniture and other manufactured products (including recycling) (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Other manufactured products					
Gem diamonds and other precious and semi-precious stones, cultured pearls, rubies, sapphires and emeralds, cut and polished, dust and powder of semi-precious stones, diamond bort and industrial diamonds			5 353 739		4 187 995
Other jewellery and jewellery parts, medals and circulation coins and other articles of gold and other precious metals whether or not containing precious or semi-precious stones			528 460		855 133
Gold jewellery containing other precious and semi-precious stones and other gold and other jewellery			539 080		646 716
Gold jewellery containing diamonds			291 160		463 023
Recycling of metal waste and scrap			12 354 808		9 322 308
Display, point of sale or exhibition stands or other advertising aids			2 458 690		1 788 645
Prefabricated buildings (e.g. houses, hangers, site huts, garden sheds, wendy houses etc.)			626 675		1 584 185
Recycling of non-metal waste and scrap			1 181 710		1 118 313
Pens, rubber stamps, press, snap and slide fasteners, umbrellas, whips, walking sticks, photographic plates, film, paper, paperboard, textiles, exposed, whether developed or not and engraved articles			557 615		817 937
Household and other candles	kilogram	102 250 936	823 117	35 025 155	643 489
Matches			355 875		454 719
Human hair, wigs and extensions			378 627		424 877
Sport and gymnastics equipment			251 639		309 966
Tobacco and tobacco products			9 290 586		11 812 116
Other products not classified			1 488 070		8 517 741
Other manufactured products			36 479 851		42 947 163
Total			47 245 601		53 631 506

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Basic metals					
Flat rolled products of iron and steel including stainless steel, plates, sheets, including profiled sheets, not clad, plated or coated whether in coils or not	tonne	4 036 223	27 603 843	3 182 968	24 041 957
Aluminium, unwrought, alloys, powder and flakes, castings, bars, rods, profiles, shapes, wire, plates, sheets, strips, sections, foil, tubes, pipes, fittings and couplings and other semi-finished products of aluminium and alloys of aluminium	tonne	794 137	22 113 980	1 321 557	22 861 142
Platinum, palladium, rhodium unwrought, in powder form, in ingots, bars, rods, sheets and plates or in other semi-manufactured form and other precious and semi-precious metals or base metals, clad with gold, silver or platinum not further worked than semi-manufactured			14 323 765		12 611 952
Magnesium, cobalt, manganese metal (electrolytic manganese), unwrought, mattes, powders, metal waste of manganese, vanadium, chromium, cermets and articles thereof (tungsten carbide) and other semi-finished products of other non-ferrous metals and their alloys and articles containing such metallic compounds			7 661 417		10 672 338
Hot- and cold-rolled, drawn or finished bars and rods of iron, non-alloy and alloy steel including stainless steel	tonne	1 557 421	6 452 770	1 203 209	8 155 465
Ferro-chromium	tonne	239 910	1 473 616	823 236	6 561 372
Flat hot-rolled products of iron and steel, plates, sheets, including profiled sheets, clad, plated or coated with tin, zinc (galvanised) or other elements or compounds, whether in coils or not and other flat rolled iron and steel products not further worked than rolled	tonne	1 570 517	9 021 537	639 641	6 274 220
Tubes, pipes and other hollow profiles of iron, steel, cast iron, seamless and other than seamless (e.g. welded, open seam, riveted or similarly closed) including tubes and pipes of stainless steel	tonne	431 326	4 473 918	356 864	5 400 638
Angles, shapes and sections (long products) of iron and non-alloy and alloy steel, including stainless steel, U, I, L, T or H sections, not further worked than rolled, railway track construction materials, rails (unassembled), metal fish plates, switch blades, sole plates and railway crossing sleepers	tonne	897 025	7 377 452	495 538	4 421 400
Lead, zinc, tin, unwrought, dust, powder, flakes, bars, rods, profiles, wire and galvanised tubes and pipes and couplings and nickel intermediate and semi-processed products, alloys, castings, bars, rods, profiles, wire, sections, tubes and pipes	tonne	189 715	5 749 101	214 725	3 889 913

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Basic metals					
Semi-finished products of iron, non-alloy and alloy steel, including stainless steel	tonne	819 574	8 300 574	209 117	2 709 344
Gold, unwrought and in powder form, in ingots, bars, rods, sheets, bullion and plates or in other semi-manufactured form and monetary gold	ounce	217 297	971 508	380 431	2 571 280
Alloy steel castings, forgings, extrusions, twistings, pressings, stampings	tonne	337 364	4 628 684	108 958	2 457 270
Primary forms of iron, non-alloy and alloy steel including pig iron, ingots, ferrous granules and powders and other ferro-alloys	tonne	423 773	2 832 924	268 589	2 385 572
Ferro-manganese	tonne	516 312	4 592 792	213 610	2 246 112
Non-alloy and carbon steel castings	tonne	80 661	1 474 370	67 140	1 972 842
Unrefined (e.g. anodes) and refined copper (e.g. cathodes) and copper alloys (e.g. bronze, brass), including powder and flakes and semi-processed products thereof and castings of copper or copper alloys (brass)	tonne	13 463	643 014	38 044	1 806 961
Other iron castings including white iron castings	tonne	17 800	368 509	63 043	1 680 299
Grey iron castings	tonne	15 148	294 579	49 772	1 664 380
Wire of iron, non-alloy and alloy steel, whether or not plated or coated, not further worked than hot- or cold-rolled	tonne	265 148	2 332 848	165 925	1 196 355
Other basic metals			2 813 388		2 037 723
Basic metals			135 504 589		127 618 535
Metal products					
Steel, cut, bent, value-added and manufactured according to customer specification, including prototypes			11 158 648		15 313 667
Other metal and cast-iron structures of iron, steel or aluminium including chimneys, balustrades, railings, stairs	tonne	145 304	3 342 193	266 781	5 878 528
Roof sheeting (e.g. corrugated iron sheets) prepared for use in structures, of iron, steel or aluminium	tonne	253 135	3 498 487	256 380	4 411 904
Ferrous metal, aluminium and tin containers, not exceeding 300 litres, drums, cans, tins, bins, buckets, pails, watering cans, metal toolboxes and other base metal boxes and similar containers, excluding containers designed or equipped for carriage by any mode of transport			4 996 492		3 992 790
Columns, beams (compound, latticed and other), tubes and pipes prepared for use in structures of iron, steel or aluminium and galvanised	tonne	273 839	2 149 890	169 187	3 680 406

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Metal products					
Reinforcing metal work prepared for use in structures, of iron, steel or aluminium	tonne	334 809	2 840 888	390 028	3 362 462
Metal fasteners (e.g. nails, screws, bolts, nuts, hooks, shackles, glands, rivets) including ferrous and non-ferrous washers			2 337 564		2 563 782
Other structural steelwork and parts of structures of iron, steel, aluminium	tonne	152 417	2 642 890	130 707	2 425 821
Other fabricated metal products including iron and steel chains and parts for chains, safes, strong-boxes and safe deposit boxes, safety headgear, metal badges, steel abrasives, anchors			1 866 455		1 912 420
Mine shaft sets, pitprop sets and similar mining structures of iron, steel or aluminium	tonne	210 104	2 602 266	87 211	1 769 248
Metal doors and gates including garage and industrial doors, painted or galvanised yard gates and turnstiles, excluding wrought iron and mesh gates and glass doors			1 121 141		1 735 958
Metal closures, caps, lids, dished ends, tops, stoppers, spools, reels, capsules, bungs and flanges, seals and gaskets or other packing accessories of base metal			2 060 075		1 589 181
Masts, towers or poles for telegraph lines, electric power lines or lighting of iron and steel and bridges and bridge sections	tonne	91 543	1 157 631	88 745	1 554 616
Road springs (ferrous) for vehicles, including motor cycles (e.g. coil springs and leaf springs and leaves thereof) and other metal and copper springs and leaves for springs including furniture, upholstery, bed and mattress springs			671 611		1 439 635
Ventilation, ducting, booths, hoods of base metal			620 175		1 436 297
Other fabricated metal building components including shelves			331 678		1 331 927
Rock and other drill bits			975 896		1 314 822
Non-electric signs, sign plates, advertising and billboards of base metal or reflective material, letters and numerals and metal number plates for vehicles			1 321 679		1 486 381
Plain steel wire coated with zinc or other metallic coating	tonne	253 070	1 335 065	143 665	1 174 807
Household hollow ware of ferrous, non-ferrous metals and hollow ware plated with precious metal, nickel, chromium including dishes, cooking pots, tea and coffee pots, frying, roasting and stewing pans, baking and serving trays, pressure cookers and other domestic metal products including cutlery, ladders, pot scourers, sinks and sanitary ware			1 312 102		1 199 438

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Windows and door frames, predominantly ferrous			967 382		1 160 255
Wire netting of all kinds (e.g. fencing, safety) of ferrous metals (iron, steel or copper) including light and heavy duty woven wire			738 920		1 131 738
Non-ferrous (e.g. aluminium) door frames, thresholds and jambs			1 439 919		1 110 219
Plain high tensile and mild steel wire (not coated), excluding insulated wire and cables	tonne	286 335	1 301 376	125 513	1 008 290
Palisades prepared for use in structures, of iron, steel or aluminium	tonne	20 695	123 366	147 493	997 609
Security doors and gates, metal, excluding wrought iron and mesh gates	number	490 719	772 591	444 722	924 561
Tools and dies for cutting, shaping, forming, pressing, stamping, drawing or extruding all kinds of material and knives and cutting blades for machines, saw blades, razor and razor blades			514 652		910 205
Other non-mechanical hand tools (e.g. crowbars, screw-drivers, circular saw blades, clamps), metal workers' and mechanics' tools (e.g. pliers, cutting pliers, pinchers, files, vices, pipe wrenches, spanners, chisels, drive sockets) and hand operated agricultural, horticultural, including garden tools and forestry implements (e.g. saws, spades, rakes, shovels, forks, hoes, picks, clippers)			753 574		851 837
Windows and frames, predominantly aluminium			909 209		810 669
General hardware articles (e.g. brackets, handles) of base metal, locks and padlocks, curtain rails and fittings, castors, hinges			82 684		815 896
Other wire products of ferrous metals (iron, steel or copper) including machine guards and wire cages, trays, grids, baskets, dish drainers, strainers, gates			1 195 580		605 279
Angles, shapes and sections for use in steel structures			202 288		598 018
Metal roof tiles and roof trusses	tonne	41 473	391 884	35 261	553 444
Road tanker and other pressure vessels and metal containers (cylinders) for compressed or liquified gas			882 394		514 742
Fittings of base metal for motor vehicles			358 105		444 929
Other metal products			4 694 559		3 079 361
Metal products			63 671 309		75 091 142

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Machinery for mining, grinding, crushing, mixing or kneading earth, stone, ores and other mineral substances including coal and rock cutters and coal preparation plants			3 973 261		7 836 058
Special purpose machinery and parts thereof, including calculating, accounting and computing machines			6 462 496		5 975 195
Moving, levelling, excavating or extracting machinery, self-propelled, for earth, minerals or ores, including bulldozers, angledozers, road-surface machinery, mechanical shovels, shovel loaders, dumpers, pile-drivers, tamping or compacting road rollers and scrapers			4 076 964		5 866 668
Domestic electrical appliances including refrigerators, deep-freezers, tumble driers, fans, stoves, ovens, microwave ovens, cooking plates, ventilating or recycling hoods, geysers and parts thereof including electrical heating resistors and household electrical appliances including kettles, frying pans, hot trays, hair dryers, electric blankets			4 841 596		4 885 182
Tanks and other armoured fighting vehicles, military weapons, revolvers, pistols and other firearms, munition and parts of military weapons and arms			3 206 531		4 095 802
Heat exchangers and air humidifiers, dehumidifiers, ionisers or air distributors, gas or water gas generators			487 547		3 224 218
Parts for boring or sinking machinery, mills and crushing plants, dozers and coal cutters			1 533 656		2 808 309
Machinery for tobacco processing and food preparation in the dairy and milling industries, drink preparation of wine, cider, fruit juices or similar beverages, including presses and crushers, sugar-extracting and refining machinery, meat, fish, fruit, nuts or vegetable preparation machinery, non-domestic bakery machinery and bakery ovens (non-electric) and textile production machinery and parts thereof			1 285 162		2 514 269
High and low pressure turbo pumps (e.g. centrifugal), with an integral power unit or with power unit on a common base			1 085 749		2 464 173
General purpose machinery and parts thereof			3 841 925		2 395 806
Automotive air-conditioners and cooling systems			957 612		1 732 341
Water-filtering and purifying and other filtering and purifying machinery and apparatus			185 055		1 582 238

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Oil filters, petrol filters and air intake filters for internal combustion engines, including those for motor vehicles			1 249 283		1 558 922
Fertiliser and manure spreaders, potato graders and sorting tables, feed mixers, poultry incubators and breeders, windmills, water sprinklers, irrigation sprayers and pipe system and other agricultural machinery			681 895		1 429 998
Parts for sorting, screening, separating, washing and other mining, quarrying and construction machinery			1 916 769		1 407 813
Taps and mixers, safety valves (air, gas and steam and liquid), diaphragm valves and other ball valves, excluding those of plastic, for pipes, boiler shells, tanks			1 109 751		1 221 354
Other industrial refrigerating and freezing equipment (e.g. panels, cold room)			1 474 732		1 212 256
Hydraulic linear acting cylinders and power engines and motors			1 143 308		1 307 901
Metallurgy machinery including converters, ladles and ingot moulds, casting machines and parts thereof, and rolls for rolling mills			517 010		1 043 501
Other power transmission equipment for machinery, toothed wheels, chain sprockets and other elements or parts			72 822		1 036 711
Moulding boxes, moulding bases; moulding patterns; moulds (except ingot moulds) and pattern-making, other than paper patterns			773 249		984 276
Complete pneumatic and other continuous action elevators and conveyors for goods or materials, for mining, except designed for underground use			479 514		874 516
Gears and gearing for machinery and parts and accessories thereof			875 594		849 285
Parts for lifting, handling, loading or unloading machinery including buckets, shovels, grabs and grips for cranes, excavators and the like			832 109		849 060
Drive shafts / propeller shafts and transmission shafts and cranks for machinery			1 029 831		815 082
High and low pressure positive displacement pumps with power unit and other rotary positive replacement pumps			549 906		806 564
Supermarket self-serve refrigerated display cabinets, self-contained, remote installation and non-domestic under bar counter fridges and beverage coolers			804 734		757 414

Table 7 – Manufactured products sold in 2008 and 2011: Metals, metal products, machinery and equipment (concluded)

Type of product	Unit	2008		2011	
		Quantity	R'000	Quantity	R'000
Overhead travelling cranes on fixed support or mobile lifting frame, other overhead travelling cranes, other cranes and derricks			540 651		747 676
Machine tools for working metal and parts thereof			973 201		745 687
Non-electrical domestic appliances including gas heaters, geysers, gas and solid fuel stoves, braai-units			215 597		665 919
Other winches and capstans, including windlasses, reels and gin wheels			155 718		644 754
Pressure reducing and regulating control valves for pipes, boiler shells, tanks, vats or the like			159 913		642 616
Soil preparation and cultivation machinery, planting and seeding agricultural machinery including mouldboard and chisel ploughs, ridgers, rippers, rotary harrows, cultivators			145 792		624 846
Complete pneumatic and other continuous action elevators and conveyors for goods or materials, for industrial use and agricultural purposes			368 899		546 577
Other pumps for liquids, fuel, lubricant or cooling pumps for internal combustion piston engines, air and vacuum pumps and compressors (gas and air)			787 720		526 923
Hydraulic pumps and other reciprocating positive displacement pumps, for liquids			109 503		518 006
Parts for liquid pumps and liquid elevators			500 612		497 889
Air filter assemblies and other filter units and elements			562 873		472 916
Other machinery and equipment			6 714 313		6 095 435
Machinery and equipment			57 000 015		75 211 562
Total			256 017 332		277 447 536

Table 8 – Manufactured products sold in 2008 and 2011: Electrical machinery and apparatus

Type of product	2008	2011
Electrical machinery and apparatus	R'000	R'000
PVC, XLPE and rubber insulated copper and aluminium conductors, whether fitted with connectors or not and un-insulated aluminium and other overhead and other conductors, with or without steel core, copper earthing and fibre optical cables	3 433 068	7 709 645
Electrical transformers, electric motors and components thereof, excluding instrument transformers	3 664 398	6 043 372
Other electronic apparatus, equipment and systems, parts and components	1 427 697	4 663 376
Generators and other electrical generating sets and solar panels	2 117 304	3 012 290
Complete switchboards, control panels and other apparatus for switching electrical circuits	2 370 996	2 763 276
Electricity distribution and control apparatus and parts thereof	1 586 745	1 838 608
Primary cells and primary batteries, electrical accumulators (rechargeable batteries), lead acid type, 6V and nickel / cadmium type, 12V and other accumulators and parts thereof, including separators	1 698 096	1 829 614
Ignition wiring sets or any other wiring set of a kind used in vehicles, aircraft or ships (e.g. wiring harnesses)	1 943 156	1 766 270
Electrical starting and ignition equipment for internal combustion engines, electric windscreen wipers and components thereof	1 687 305	1 585 375
Insulated winding wire of copper, other insulated winding wire and co-axial, bundled, optic fibre and other composite instrumentation, control and communication cables	1 698 356	1 473 093
Other apparatus for protecting electrical circuits and apparatus identifiable for use with motor vehicles, rail locomotives and rolling stock	935 945	1 200 665
Carbon articles used for electrical purposes including carbon brushes and blocks, carbon and graphite electrodes	1 141 601	1 130 629
Other electrical lamps and light fittings of a kind used for lighting public open spaces	774 988	932 490
Miniature substations	399 026	867 125
Boards, consoles, cabinets, casings and other bases and enclosures equipped with electrical switching apparatus	861 876	756 120
Electrical conduit tubing and joints thereof	51 927	742 644
Electric accumulators (batteries), lead acid of a kind used for starting piston engines, 12V	612 886	697 059
Wiring accessories including sockets and socket outlets, plugs, adaptors, connectors, power system disconnectors, lamp holders	477 663	625 186
Other electrical machinery and apparatus	1 236 240	2 344 862
Total	28 119 273	41 981 699

Table 9 – Manufactured products sold in 2008 and 2011: Communication, medical and optical equipment

Type of product	2008	2011
Communication, medical and optical equipment	R'000	R'000
Television sets (colour), satellite dishes, television antennas, M-Net / DSTV decoders, DVD players, loudspeakers, amplifiers and other hi-fi equipment	1 160 069	2 109 041
Cards, tags, labels and the like, with magnetic stripe, strip or film or incorporating a chip	582 613	2 017 027
Communication transmission equipment including line and cable carriers, microwave radio relay systems and data transmission terminal equipment and parts, including electronic communication equipment	498 480	1 738 534
Instruments and appliances used in medical, surgical or laboratory applications, breathing apparatus including gas masks, surgical protective clothing and other disposable medical, surgical or veterinary equipment and furniture	596 488	1 381 210
Gas, liquid (water) or electricity supply or production meters	1 031 871	1 129 280
Other navigational, meteorological or geophysical instruments and appliances, laboratory instruments and apparatus, precision balances and laboratory type scales	460 661	994 953
Lenses, frames and mountings for spectacles and parts thereof, other optical and photographic appliances, photographic paper and chemical preparation for photographic use and time of day recording apparatus	545 781	914 946
Other measuring, checking, controlling, counting and testing instruments for voltage, current, length, temperature (thermometers), mass, sound, speed and parts and accessories thereof	868 875	827 813
Other orthopaedic appliances and products including artificial limbs and appliances worn or carried or implanted in the body and orthopaedic footwear	601 392	792 539
Other communication, medical and optical equipment	2 416 986	1 292 606
Total	8 763 216	13 197 949

Table 10 – Manufactured products sold in 2008 and 2011: Transport equipment

Type of product	2008	2011
	R'000	R'000
Equipment for transport by road		
New passenger vehicles	50 333 255	55 586 756
Autocatalysts (catalytic converters), uncoated and coated monoliths	26 668 618	20 854 581
Light commercial vehicles for the transport of goods, including taxis for passenger transport	23 353 199	20 304 821
Heavy commercial vehicles for the transport of goods	4 226 638	7 372 214
Spark-ignition and compression ignition engines of a kind used for motor vehicles, new, reconditioned and components thereof including engine and gearbox mountings, manifolds, radiators, cores, oil cooling systems and parts thereof	7 881 286	7 358 447
Exhaust systems	6 535 970	5 813 811
Vehicle bodies and body components, panels, cabs, canopies, bumpers, seat frames, window slides	11 636 154	9 593 537
Fixed automotive textile goods, e.g. car seat cushions, safety belts, airbags, including of leather	1 389 459	3 845 260
Caravans, mobile homes, caravan type trailers, other trailers and semi-trailers and containers specially designed and equipped for carriage by one or more modes of transport	3 927 431	2 638 828
Other special purpose vehicles including hearses, ambulances, fire-fighting, armoured and off-road vehicles	1 776 414	2 279 145
Buses	733 217	2 920 682
New and reconditioned hydraulic and other brake systems and parts, including brake drums, discs, pads, linings, hoses and pipes	1 251 475	2 526 423
Parts for exhaust systems, mufflers and silencers and pipes	3 197 324	2 432 782
Medium commercial vehicles for the transport of goods	2 115 334	1 947 578
New and reconditioned clutch discs, pressure plates, slave cylinders, differentials and other transmission components	1 711 234	1 623 516
Platform trailer and semi-trailer bodies and body components	1 335 588	1 413 604
Road wheels, including alloy wheels for vehicles, wheel rims, hubs and caps	1 368 359	1 173 556
Front and rear axles	1 688 329	1 093 091
Other suspension components including CV joints and shafts and shock absorbers, new and parts thereof	809 595	1 083 665
Equipment for transport by road	151 938 879	151 862 297

Table 10 – Manufactured products sold in 2008 and 2011: Transport equipment (concluded)

Type of product	2008	2011
	R'000	R'000
Equipment for transport by water, air and rail and other transport equipment		
Industrial and shunting locomotives, electrical locomotives for mining, railway coaches, goods wagons, mine hopper wagons, railway maintenance and service vehicles and mechanical and railway electro-mechanical signalling, safety or traffic control equipment	1 073 741	5 447 159
Parts for rolling stock and locomotives, including coach seat cushions	1 170 710	4 887 511
Gliders and hang gliders, aeroplanes of unladen weight up to 2 000 kg, parts of aircraft, including aircraft seat cushions	1 471 498	1 803 224
Other equipment for transport by water, air and rail and other transport equipment	1 753 243	1 215 373
Equipment for transport by water, air and rail and other transport equipment	5 469 192	13 353 267
Total	157 408 071	165 215 564

Table 11 – Purchases for the manufacture of food and beverages division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Wheat, maize, rice and barley, not processed	16 175 235	26 609 405
Cattle livestock	4 015 954	9 691 851
Vegetable oils and fats	4 756 979	8 783 150
Beverage bases and concentrates	5 399 867	8 562 973
Fruits, fresh or chilled	2 962 020	8 300 292
Sugar cane crops	2 704 182	6 496 511
Milk and dairy products	7 443 384	9 273 058
Grain, processed (e.g. meal, flour, bran)	5 511 475	5 451 461
Refined cane or beet sugar	3 019 502	4 936 370
Sunflower oilseeds	2 963 267	3 444 059
Other chemical products	1 492 511	2 828 453
Sheep livestock	1 478 126	2 218 390
Vegetables, fresh or chilled	1 494 496	2 082 908
Cattle or calves, carcasses and beef meat	3 106 649	1 999 683
Wines for further processing	1 088 394	3 097 850
Pigs livestock	439 140	1 732 578
Soya oilseeds	1 248 155	1 622 969
Poultry, including chicken meat	536 417	1 555 262
Pigs or suckling pigs, carcasses and pork meat	632 673	1 516 207
Spices, herbs and other aromatic crops	1 222 340	1 455 587
Spirits, liqueurs or other alcoholic liquors	513 213	1 248 765
Glucose and glucose syrup	608 548	1 130 616
Other oil seeds	790 024	1 125 625

Table 11 – Purchases for the manufacture of food and beverages division in 2008 and 2011 (concluded)

Description	2008	2011
	Value R'000	Value R'000
Flavouring materials	760 161	1 087 392
Natural fruit base concentrates	1 148 467	1 040 258
Raw coffee beans	1 061 846	885 041
Preparations used in animal feeding	610 933	710 140
Cotton oilseeds	250 727	703 188
Natural water included in final product	1 157 344	677 828
Pharmaceutical products or articles	415 833	628 844
Other raw materials	12 697 066	18 773 537
Total	87 704 928	139 670 251
Purchases of fuel		
Coal for fuel	507 642	340 189
Petroleum products for fuel	860 704	2 360 217
Gas for fuel	202 705	261 838
Wood for fuel	4 588	1 581
Waste products for fuel	2 550	7 843
Total	1 578 189	2 971 668
Purchases of containers and packaging		
Containers and packaging of wood	168 116	335 489
Containers and packaging of paper and paper products	4 122 153	4 582 257
Containers and packaging of metal	2 004 770	3 081 874
Containers and packaging of plastic	4 754 532	6 085 357
Containers and packaging of glass	2 155 197	2 455 621
Containers and packaging of other material	35 377	28 100
Total	13 240 145	16 568 698

Table 12 – Purchases for the manufacture of textiles, clothing and leather products and footwear division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Yarn or sewing thread	4 751 941	4 311 876
Woven fabric of man-made filament tows or staple fibres	1 488 774	2 489 304
Woven fabric of cotton	2 828 074	2 055 694
Cattle or calf skin hides, raw/cured	1 661 732	1 601 403
Tanned or dressed leather; composition/synthetic leather	1 111 599	1 423 595
Other knitted or crocheted fabrics	1 092 332	940 930
Raw plastic materials (e.g. chips, powder or granules)	175 374	830 538
Man-made textile staple fibres or filaments processed for spinning	719 207	661 086
Other special fabrics (e.g. tulle, lace, narrow fabrics, trimmings, embroidery)	743 274	646 084
Parts of footwear	261 009	642 761
Tanning, re-tanning and finishing chemicals, synthetic	65 058	457 865
Plates, sheets, film, foil or strips of plastic	85 529	455 295
Cotton, whether or not ginned	193 841	349 001
Shorn wool, greasy, including fleece-washed shorn wool	147 375	323 084
Felt or non-woven fabrics	39 495	302 767
Inorganic chemicals or compounds	112 876	288 059
Other raw materials	4 686 037	5 475 658
Total	20 163 527	23 255 000

Table 12 – Purchases for the manufacture of textiles, clothing and leather products and footwear division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	56 638	27 814
Petroleum products for fuel	113 605	71 870
Gas for fuel	37 107	46 885
Wood for fuel	*	542
Waste products for fuel	*	2 833
Total	207 350	149 944
Purchases of containers and packaging		
Containers and packaging of wood	2 492	34 371
Containers and packaging of paper and paper products	214 201	149 114
Containers and packaging of metal	10 389	3 898
Containers and packaging of plastic	97 149	137 910
Containers and packaging of other material	662	4 975
Total	324 893	330 268

*not collected in 2008

Table 13 – Purchases for the manufacture of wood products, paper products and printed matter division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Processed paper or paperboard	6 708 627	7 196 273
Pulps of wood or other fibrous cellulosic materials	4 058 887	3 287 809
Newsprint, hand-made paper or other uncoated paper or paperboard	2 019 982	3 180 457
Logs of coniferous wood	5 323 609	2 632 608
Uncoated kraftliner; miscellaneous papers	1 830 649	2 506 608
Toilet or facial tissue stock, towel or napkin stock	490 993	2 409 082
Corrugated paper or paperboard	2 977 829	2 397 402
Wood in the rough, treated and/or impregnated	658 032	2 323 948
Logs of non-coniferous wood	1 394 318	1 935 640
Paints, varnishes, artists' colours, ink, master batch and the like	1 522 934	1 636 346
Wood, sawn or clipped lengthwise, not impregnated	1 183 340	1 446 239
Printed matter for further processing or included in final product	1 532 269	1 317 122
Reclaimed paper or paperboard	635 616	1 293 285
Boards or panels of wood	1 788 946	1 151 754
Photographic plates, film and printing blocks	1 100 104	613 587
Other industrial chemical products	804 568	488 914
Articles of plastics	742 806	471 612
Glues, gelatine, peptones, caseinates, albumates and other binding materials	321 521	323 669
Other raw materials	4 644 287	6 205 858
Total	39 739 317	42 818 213

Table 13 – Purchases for the manufacture of wood products, paper products and printed matter division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	545 755	624 745
Petroleum products for fuel	333 916	199 124
Gas for fuel	186 226	164 589
Wood for fuel	6 817	23 213
Waste products for fuel	58	2 174
Total	1 072 772	1 013 845
Purchases of containers and packaging		
Containers and packaging of wood	333 392	84 107
Containers and packaging of paper and paper products	309 733	361 770
Containers and packaging of metal	22 180	17 032
Containers and packaging of plastic	147 498	173 171
Containers and packaging of glass	714	1 934
Containers and packaging of textile material	5 885	640
Total	819 402	638 654

Table 14 – Purchases for the manufacture of coke, petroleum products, chemical products and rubber and plastic products division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Petroleum oils and oils obtained from bituminous minerals, crude	90 655 567	108 117 053
Chemicals or compounds	54 892 202	49 920 038
Coke oven products; refined petroleum products	43 582 886	48 894 148
Raw plastic materials (e.g. chips, powder or granules)	13 547 158	14 089 294
Coal	5 305 349	7 739 137
Petroleum gases or other gaseous hydrocarbons	5 506 759	5 124 993
Pharmaceutical products or articles	3 343 198	5 076 378
Petroleum oils or oils obtained from bituminous materials	13 814 921	16 654 954
Fertilisers	3 318 755	4 178 057
Natural gas, liquified or in the gaseous state	893 582	1 528 351
Perfumes and toilet preparations	1 992 622	2 693 146
Synthetic resins	2 661 465	2 121 707
Petroleum jelly, paraffin wax, other mineral waxes or similar products	1 289 273	1 592 731
Natural rubber in primary forms or in bales or latex	1 565 852	1 585 381
Synthetic rubber and mixtures thereof in primary forms or in latex or bales	605 970	1 475 561
Chemical minerals	876 504	1 372 778
Plates, sheets, film, foil or strips of plastic	659 760	1 012 760
Vegetable oils and fats	2 119 409	1 005 210
Paints, varnishes, artists' colours, ink, master batch and the like	796 711	958 591
Pesticides, insecticides, fungicides or herbicides	1 450 943	864 506
Unvulcanised compounded rubber, in primary forms or in sheets or strips	698 660	837 084
Semi-manufactures of plastics	281 571	682 283
Bitumen and asphalt	413 294	608 681
Other raw materials	7 195 795	3 053 597
Total	257 468 206	281 186 419

Table 14 – Purchases for the manufacture of coke, petroleum products, chemical products and rubber and plastic products division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	783 909	165 928
Petroleum products for fuel	818 334	913 277
Gas for fuel	882 460	553 251
Wood for fuel	2 239	4 739
Waste products for fuel	10 281	11 479
Total	2 497 223	1 648 674
Purchases of containers and packaging		
Containers and packaging of wood	86 344	191 173
Containers and packaging of paper and paper products	1 182 935	1 310 417
Containers and packaging of metal	4 478 142	1 937 238
Containers and packaging of plastic	4 809 607	3 527 836
Containers and packaging of glass	268 263	403 602
Containers and packaging of other material	1 123	15 708
Total	10 826 414	7 385 974

Table 15 – Purchases for the manufacture of glass and other non-metallic mineral products division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Portland cement, aluminium cement, slag cement or similar hydraulic cements	3 410 576	3 595 316
Other stone, sand or clay	2 021 155	2 013 508
Cement clinkers	693 101	1 312 446
Non-metallic mineral products	1 787 448	1 288 827
Other cement, lime or plaster	987 835	1 119 718
Boiler ash, fly ash, blast furnace slag, silica fumes	490 281	886 596
Natural sands	415 533	831 455
Un-worked glass, flat glass or pressed or moulded glass	1 107 536	687 040
Clays	736 653	625 534
Granite, sandstone or other monumental or building stone	252 685	617 151
Non-metallic minerals	913 313	524 987
Other minerals	101 044	433 072
Gypsum, limestone or other calcareous stone	537 648	330 677
Other raw materials	1 325 412	4 163 751
Total	14 780 220	18 430 078

Table 15 – Purchases for the manufacture of glass and other non-metallic mineral products division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	571 591	1 338 818
Petroleum products for fuel	823 520	737 811
Gas for fuel	506 324	962 236
Other fuel	880	9 374
Total	1 902 315	3 048 239
Purchases of containers and packaging		
Containers and packaging of wood	184 509	246 332
Containers and packaging of paper and paper products	532 927	943 567
Containers and packaging of metal	5 473	537
Containers and packaging of plastic	258 516	264 007
Containers and packaging of other material	1 846	36 128
Total	983 271	1 490 571

Table 16 – Purchases for the manufacture of furniture and other manufactured products (including recycling) division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Metallic waste and scrap	6 449 964	5 346 876
Un-worked precious and semi-precious stones, including diamonds, but not industrial diamonds	5 131 240	3 750 134
Boards or panels of wood	642 822	1 576 389
Basic precious metals (e.g. gold, platinum, silver) or metals clad with precious metals	694 305	966 685
Plastic products, excluding packaging	832 847	546 163
Woven fabric of man-made filament tows or staple fibres	310 978	519 679
Flat-rolled products of iron and alloy steel, not further worked than hot or cold rolled	530 058	486 111
Processed paper or paperboard	115 575	457 524
Other pulp, paper or paperboard products	236 014	411 978
Copper, nickel, aluminium, lead, zinc or tin, unwrought	79 458	407 136
Paints, varnishes, artists' colours, ink, master batch and the like	190 751	406 814
Un-worked industrial diamonds	141 252	389 156
Wood in the rough, treated and/or impregnated	61 236	360 860
Tanned or dressed leather; composition/synthetic leather	375 491	348 478
Wood, sawn or clipped lengthwise, not impregnated	453 446	323 464
Fasteners, springs and articles of metal wire	167 775	320 366
Raw plastic materials (e.g. chips, powder or granules)	330 640	319 253
Petroleum jelly, paraffin wax, other mineral waxes or similar products	116 160	260 916
Builders' joinery and carpentry of wood	243 001	251 692
Other raw materials	5 597 039	10 783 824
Total	22 700 052	28 233 498

Table 16 – Purchases for the manufacture of furniture and other manufactured products (including recycling) division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	1 533	6 970
Petroleum products for fuel	122 195	39 393
Gas for fuel	53 554	71 143
Other fuel	3 001	1 668
Total	180 283	119 174
Purchases of containers and packaging		
Containers and packaging of wood	5 253	13 700
Containers and packaging of paper and paper products	126 892	944 078
Containers and packaging of metal	8 914	41 064
Containers and packaging of plastic	87 305	127 415
Containers and packaging of glass	2 844	322
Containers and packaging of other material	54	3 497
Total	231 262	1 130 076

Table 17 – Purchases for the manufacture of metals, metal products, machinery and equipment division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Non-ferrous (e.g. copper, nickel, aluminium) ore and concentrates	16 683 964	27 761 655
Flat-rolled products of iron and alloy steel, not further worked than hot or cold rolled	23 672 873	26 453 502
Copper, nickel, aluminium, lead, zinc or tin, unwrought	23 104 756	20 599 811
Non-ferrous metals and articles thereof	13 705 484	12 276 496
Primary products of iron and steel metallurgy (e.g. pig iron, ferro-alloys)	7 331 497	8 832 650
Bars and rods of iron and alloy steel	10 371 373	8 355 843
Coke and semi-coke of coal	4 951 438	7 568 718
Metallic waste and scrap	4 254 781	6 558 213
Other rolled, drawn or folded products of iron and alloy steel, including stainless steel	3 898 271	6 345 500
Iron ore and concentrates	4 221 458	6 159 799
Other general purpose machinery and parts thereof	3 211 238	4 660 432
Tubes, pipes and hollow profiles; tube or pipe fittings of iron and alloy steel	3 789 711	4 041 331
Pumps, compressors, valves and parts thereof	2 155 225	3 332 388
Inorganic chemicals or compounds	2 884 219	2 460 174
Angles, shapes and sections of iron and alloy steel	2 861 948	2 423 211
Other special purpose machinery and parts thereof	2 136 826	1 947 143
Wire of iron and alloy steel	1 053 644	1 629 610
Engines, turbines and parts thereof	1 489 084	1 498 165
Bearings, gears, gearing and driving elements and parts thereof	1 429 701	1 470 761
Fabricated metal products	930 069	1 339 457
Machinery for food, beverage and tobacco processing and parts thereof	201 033	1 236 171
Precious metal ore and concentrates	799 825	1 154 220
Lifting and handling equipment and parts thereof	624 102	1 128 334
Electric motors, generators and transformers and parts thereof	660 834	896 852
Structural metal products and parts thereof	651 791	806 304

Table 17 – Purchases for the manufacture of metals, metal products, machinery and equipment division in 2008 and 2011 (concluded)

Description	2008	2011
	Value R'000	Value R'000
Electronic components	708 606	762 833
Fasteners, springs and articles of metal wire	291 053	758 785
Paints, varnishes, artists' colours, ink, master batch and the like	605 755	641 841
Plastic products, excluding packaging	878 629	552 401
Products of wood, cork, straw and other plaiting materials	188 082	525 353
Agricultural or forestry machinery and parts thereof	188 293	416 858
Un-worked glass, flat glass or pressed or moulded glass	500 516	414 911
Domestic appliances and parts thereof	358 943	411 863
Other raw materials	7 332 758	20 499 347
Total	148 127 780	185 920 932
Purchases of fuel		
Coal for fuel	633 387	767 266
Petroleum products for fuel	1 194 095	247 357
Gas for fuel	906 635	1 646 224
Wood for fuel	3 583	335
Waste products for fuel	15 298	2 052
Total	2 752 998	2 663 234
Purchases of containers and packaging		
Containers and packaging of wood	140 912	107 979
Containers and packaging of paper and paper products	209 590	243 276
Containers and packaging of metal	72 935	169 897
Containers and packaging of plastic	132 997	130 206
Containers and packaging of glass	880	18
Containers and packaging of other material	390	7 549
Total	557 704	658 925

Table 18 – Purchases for the manufacture of electrical machinery and apparatus division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Copper, nickel, aluminium, lead, zinc or tin, unwrought	3 629 300	5 778 104
Other electric and electronic equipment and parts thereof	2 230 072	4 964 839
Electric motors, generators and transformers and parts thereof	1 218 383	2 391 300
Electricity distribution, protection and control apparatus, and parts thereof	671 247	1 800 965
Insulated wire and cable; optical fibre cables	1 138 535	1 450 775
Flat-rolled products of iron and alloy steel, not further worked than hot or cold rolled	459 481	1 276 080
Accumulators, primary cells and primary batteries and parts thereof	823 822	1 018 565
Non-ferrous (e.g. copper, nickel, aluminium) ore and concentrates	1 309 041	818 709
Other rolled, drawn or folded products of iron and alloy steel, including stainless steel	321 063	459 758
Motor vehicle parts and accessories (new), including new engines	350 791	419 374
Bars and rods of iron and alloy steel	317 605	351 858
Other general purpose machinery and parts thereof	191 266	289 300
Wire of iron and alloy steel	154 611	280 424
Synthetic resins	305 941	274 191
Coke oven products; refined petroleum products	164 872	251 053
Engines, turbines and parts thereof	453 761	246 318
Plastic in primary forms (polymers)	247 165	231 544
Plates, sheets, film, foil or strips of plastic	265 967	217 101
Semi-finished products (e.g. castings, bars, rods, profiles) of non-ferrous metals, including precious metals	654 494	206 832
Other raw materials	4 209 034	2 184 910
Total	19 116 451	24 912 000

Table 18 – Purchases for the manufacture of electrical machinery and apparatus division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Coal for fuel	25 001	14 230
Petroleum products for fuel	6 383	84 225
Gas for fuel	54 109	89 681
Waste products for fuel	*	650
Total	85 493	188 786
Purchases of containers and packaging		
Containers and packaging of wood	80 323	98 023
Containers and packaging of paper and paper products	26 586	33 869
Containers and packaging of plastic	24 288	25 464
Containers and packaging of metal	5 069	5 366
Total	136 266	162 722

*not collected in 2008

Table 19 – Purchases for the manufacture of communication, medical and optical equipment division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Electronic components	2 610 197	2 640 306
Radio, television and other communication apparatus and parts and accessories thereof	837 735	953 289
Parts and accessories of medical, surgical and orthopaedic equipment and appliances	195 225	432 917
Parts and accessories for instruments and appliances for measuring, checking, testing and other purposes	547 979	312 569
Other electric equipment and parts thereof	100 535	268 522
Other raw materials	1 106 457	1 864 397
Total	5 398 128	6 472 000
Purchases of fuel		
Petroleum products for fuel	8 359	23 218
Gas for fuel	10 103	4 746
Total	18 462	27 964
Purchases of containers and packaging		
Containers and packaging of wood	310	1 263
Containers and packaging of paper and paper products	20 337	10 488
Containers and packaging of metal	150	264
Containers and packaging of plastic	5 331	4 590
Containers and packaging of other material	313	8
Total	26 441	16 613

Table 20 – Purchases for the manufacture of transport equipment division in 2008 and 2011

Description	2008	2011
	Value R'000	Value R'000
Motor vehicle parts and accessories (new), including new engines	62 330 212	57 901 213
Bodies for motor vehicles; trailers and semi-trailers; parts and accessories thereof	21 502 990	17 174 960
Precious metal ore and concentrates	10 710 681	6 777 345
Flat-rolled products of iron and alloy steel, not further worked than hot or cold rolled	8 206 958	4 661 100
Other transport equipment and parts and accessories thereof	2 959 499	4 091 222
Semi-finished products (e.g. castings) of iron and steel, including stainless steel	1 998 819	3 107 335
Parts and accessories of railway locomotives and rolling stock and parts thereof	731 122	2 850 428
Other rolled, drawn or folded products of iron and alloy steel, including stainless steel	2 164 014	2 171 621
Tanned or dressed leather; composition/synthetic leather	888 691	1 505 332
Primary products of iron and steel metallurgy (e.g. pig iron, ferro-alloys)	2 084 249	1 457 348
Reconditioned motor vehicle parts	433 532	1 252 618
Fabricated metal products	1 928 511	854 440
Tubes, pipes and hollow profiles; tube or pipe fittings of iron and alloy steel	434 505	671 220
Copper, nickel, aluminium, lead, zinc or tin, unwrought	1 598 808	616 231
Insulated wire and cable; optical fibre cables	1 013 443	591 630
Inorganic chemicals or compounds	1 144 446	565 008
Bearings, gears, gearing and driving elements and parts thereof	302 120	516 575
Other raw materials	20 065 397	25 900 846
Total	140 497 997	132 666 472

Table 20 – Purchases for the manufacture of transport equipment division in 2008 and 2011 (concluded)

Purchases of fuel	2008	2011
	Value R'000	Value R'000
Petroleum products for fuel	101 043	144 056
Gas for fuel	254 333	245 264
Other fuel	2 613	4 671
Total	357 989	393 991
Purchases of containers and packaging		
Containers and packaging of wood	51 815	47 850
Containers and packaging of paper and paper products	57 532	59 057
Containers and packaging of metal	9 770	3 384
Containers and packaging of plastic	81 593	495 738
Containers and packaging of other material	371	66
Total	201 081	606 095

Explanatory notes

Business register	The sample was drawn from Stats SA's business register. The business register is based mainly on the income tax (IT) and value added tax (VAT) databases of the South African Revenue Service (SARS). All enterprises are legally bound to register for either VAT or IT or both. Enterprises registered in the taxation system are included on the business register, and hence were given a chance of selection in the sample for the survey.
Classification by industry	The 1993 edition of the <i>Standard Industrial Classification of all Economic Activities</i> (SIC), Fifth Edition, Report No. 09-09-02, was used to classify the statistical units in the survey. The SIC is based on the 1990 <i>International Standard Industrial Classification of all Economic Activities</i> (ISIC) with suitable adaptations for local conditions. Statistics in this publication are presented at 4-digit SIC level (group). Each enterprise is classified to an industry which reflects its predominant activity.
Value added tax (VAT)	All figures exclude value added tax (VAT).
Reference period	The information was collected from enterprises for their financial year which ended on any date between 1 July 2010 and 30 June 2011.
Statistical unit	The statistical unit for the collection of the information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its production activities.
Size groups	The enterprises are divided into four size groups according to the value of turnover recorded for them on the Stats SA business register. Large enterprises are those with an annual recorded turnover of R104 million and above. Table A presents the size groups defined using the Department of Trade and Industry (DTI) cut-off points.

Table A – Size groups for the manufacturing industry, 2011

Size group	Turnover
Large	Turnover \geq R104 000 000
Medium	R24 000 000 \leq Turnover $<$ R104 000 000
Small	R12 000 000 \leq Turnover $<$ R24 000 000
Micro	Turnover $<$ R12 000 000

Survey methodology and design	The survey was conducted by post, email, fax, telephone and personal visits. A sample of approximately 10 000 enterprises was drawn from a frame of approximately 60 000 using stratified random sampling. The enterprises were first stratified at four-digit level according to the SIC and then by size of enterprises. All large enterprises are completely enumerated. Turnover as recorded on the business register was used as the measure of size for stratification.
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Weighting methodology	For those strata not completely enumerated, the weights to produce estimates are the inverse ratio of the sampling fraction, modified to take account of non-response in the survey. Stratum estimates are calculated and then aggregated with the completely enumerated stratum to form division estimates.																																				
Non-sampling errors	Inaccuracies may occur because of imperfections in reporting by enterprises and errors made in the collection and processing of the data. Inaccuracies of this kind are referred to as non-sampling errors. Every effort is made to minimise non-sampling errors by careful design of questionnaires, testing them in pilot studies, editing reported data and implementing efficient operating procedures. Non-sampling errors occur in both sample surveys and censuses.																																				
Comparability with previously published information	The information in this publication is not strictly comparable with the values and quantities for selected manufactured products as released in the last published Reports No. 30-02-04 (2008) and No. 30-02-03 (2001), due to differences in descriptions and grouping of items. The descriptions, grouping and sequence of items in this report are based on the <i>Central Product Classification (CPC)</i> , version 2 (United Nations).																																				
Rounding-off of figures	The figures in the tables have, where necessary, been rounded off to the nearest final digit shown. There may therefore be slight discrepancies between the sums of the constituent items and the totals shown.																																				
Abbreviations	<table border="0"> <tr><td>AA</td><td>Absolute alcohol</td></tr> <tr><td>BTU</td><td>British thermal unit</td></tr> <tr><td>CCA</td><td>Chromated copper arsenate</td></tr> <tr><td>CPC</td><td>Central Product Classification</td></tr> <tr><td>CV</td><td>Constant velocity</td></tr> <tr><td>DTI</td><td>Department of Trade and Industry</td></tr> <tr><td>GPMC</td><td>Government, provincial and military contracts</td></tr> <tr><td>GVM</td><td>Gross vehicle mass</td></tr> <tr><td>IT</td><td>Income tax</td></tr> <tr><td>LDV</td><td>Light delivery vehicle</td></tr> <tr><td>LED</td><td>Light emitting diode</td></tr> <tr><td>PC</td><td>Personal computer</td></tr> <tr><td>RSE</td><td>Relative standard error</td></tr> <tr><td>RTD</td><td>Ready to drink</td></tr> <tr><td>SARS</td><td>South African Revenue Service</td></tr> <tr><td>SIC</td><td>Standard Industrial Classification of all Economic Activities</td></tr> <tr><td>Stats SA</td><td>Statistics South Africa</td></tr> <tr><td>VAT</td><td>Value added tax</td></tr> </table>	AA	Absolute alcohol	BTU	British thermal unit	CCA	Chromated copper arsenate	CPC	Central Product Classification	CV	Constant velocity	DTI	Department of Trade and Industry	GPMC	Government, provincial and military contracts	GVM	Gross vehicle mass	IT	Income tax	LDV	Light delivery vehicle	LED	Light emitting diode	PC	Personal computer	RSE	Relative standard error	RTD	Ready to drink	SARS	South African Revenue Service	SIC	Standard Industrial Classification of all Economic Activities	Stats SA	Statistics South Africa	VAT	Value added tax
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Glossary**Enterprise**

A legal entity or a combination of legal units that includes and directly controls all functions necessary to carry out its activities.

Statistical unit

The statistical unit for the collection of the information is an enterprise. An enterprise is a legal unit (or a combination of legal units) that includes and directly controls all functions necessary to carry out its activities.

Stratum

A stratum is constructed by concatenating the SIC classification and size group variables.