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1. Introduction

This publication presents the estimated values and quantities of selected products which were produced by the manufacturing industry in South Africa in 2021, as well as the estimated details of purchases of raw materials by the industry. Financial results for the industry are also available in Report No.: 30-02-03, *Manufacturing industry: Financial, 2021*.

The estimates presented here are derived from the results of the 2021 manufacturing large sample survey (LSS).

The previous manufacturing LSS was conducted in 2017 (Reports No.: 30-02-03 (2017) and 30-02-04 (2017)).

1.1 Scope and coverage

This survey covers enterprises registered for value-added tax (VAT) in the taxation system that are engaged mainly in manufacturing. It includes the following divisions within its scope:

- manufacture of food products and beverages (SIC 30);
- manufacture of textiles, clothing, leather and footwear (SIC 31);
- manufacture of wood and wood products, paper, publishing and printing (SIC 32);
- manufacture of coke, petroleum, chemical products, rubber and plastic (SIC 33);
- manufacture of glass and other non-metallic mineral products (SIC 34);
- manufacture of metals, metal products, machinery and equipment (SIC 35);
- manufacture of electrical machinery and apparatus (SIC 36);
- manufacture of telecommunication, medical and optical equipment and watches and clocks (SIC 37);
- manufacture of transport equipment (SIC 38); and
- manufacture of furniture, other manufacturing (including tobacco) and recycling (SIC 39).

Including

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

1.2 Data items

The following categories of data items were collected: income from own manufactured products, selected production quantities, and purchases of raw materials.

1.3 Reference period

The questionnaires were completed for the financial year of the enterprise which ends on any date between 1 July 2020 and 30 June 2021 according to the usual reporting schedule of the enterprise.

Example

- 1 October 2019 – 30 September 2020
- 1 January 2020 – 31 December 2020
- 1 February 2020 – 31 January 2021
- 1 March 2020 – 28 February 2021
- 1 April 2020 – 31 March 2021

1.4 Current prices

The rand values are at current prices.

1.5 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 error 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.

The following are some of the likely sources of non-sampling errors: sampling frame not up to date, wrong definitions and classification, phrasing of questions, non-response, 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.

1.6 Confidentiality

According to Section 17 of the Statistics Act, 1999 (Act No. 6 of 1999), completed questionnaires remain confidential to Stats SA. Individual business information is never disclosed. Results are presented in aggregated form only.

2. Summary of results

2.1 Income from own manufactured products

Table A – Income from own manufactured products by product group, 2017 and 2021

Product group	2017		2021	
	R million	% contribution	R million	% contribution
Food and beverages	428 997	20,1	537 128	23,6
Textiles, clothing and leather products and footwear	50 119	2,3	48 295	2,1
Wood products, paper products and printed matter	160 480	7,5	148 983	6,6
Coke, petroleum products, chemical products, rubber and plastic products	505 772	23,8	533 587	23,5
Glass and other non-metallic mineral products	76 689	3,6	72 793	3,2
Metals, metal products, machinery and equipment	371 670	17,4	371 709	16,3
Electrical machinery and apparatus	54 857	2,6	52 259	2,3
Communication, medical and optical equipment	24 121	1,1	20 504	0,9
Transport equipment	334 186	15,6	354 711	15,6
Furniture and other manufactured products (including recycling)	129 167	6,0	133 820	5,9
Total	2 136 058	100,0	2 273 789	100,0

The total income from own manufactured products for the manufacturing industry in 2021 was R2 273,8 billion. The total income represents an increase of 1,6% per annum compared with the income reported in the corresponding survey of 2017 (R2 136,1 billion). Comparing 2017 and 2021, large increases were reported for 'food and beverages' (+R108,1 billion), 'coke, petroleum products, chemical products, rubber and plastic products' (+R27,8 billion) and 'transport equipment' (+R20,5 billion).

Between 2017 and 2021, 'food and beverages' gained the biggest percentage share (+3,5 percentage points) in income from own manufactured products (from a percentage contribution of 20,1% in 2017 to 23,6% in 2021). 'Metals, metal products, machinery and equipment' lost the biggest percentage share (-1,1 percentage points) over the same period (from 17,4% in 2017 to 16,3% in 2021).

2.2 Top ten products sold

Table B – Income from top ten own manufactured products

2017			2021		
Type of product	R million	% contribution	Type of product	R million	% contribution
Diesel fuel, automotive	80 218	3,8	Diesel fuel, automotive	87 472	3,8
Light commercial vehicles	57 256	2,7	Medium passenger motor vehicles	76 242	3,4
Unleaded petrol, 95 octane	47 325	2,2	Light commercial vehicles	74 586	3,3
Petroleum refinery products	45 893	2,1	Unleaded petrol, 95 octane	63 050	2,8
Medium passenger motor vehicles	43 592	2,0	Aerated flavoured carbonated soft drinks and soda siphons	40 467	1,8
Bars and rods of iron and alloy steel, including stainless steel	37 417	1,8	Gold (including gold plated with platinum)	37 581	1,7
Flat-rolled products of steel	36 592	1,7	Autocatalytic converters	34 061	1,5
Lager beer, brewed from malted barley	35 886	1,7	Semi-finished products of aluminium or aluminium alloys	33 990	1,5
Aerated flavoured carbonated soft drinks and soda siphons	35 355	1,7	Lager beer, brewed from malted barley	33 332	1,5
Locomotives and related service vehicles	28 668	1,3	Flat-rolled products of steel	30 591	1,3
Total	448 202	21,0	Total	511 372	22,5
Total own manufactured products	2 136 058	100,0	Total own manufactured products	2 273 789	100,0

The income of the top ten own manufactured products for the manufacturing industry in 2021 was R511,4 billion (a percentage share of 22,5%). Contrary to 2017, 'medium passenger motor vehicles' was the second largest product (R76,2 billion or 3,4%) and 'light commercial vehicles' was the third largest product (R74,6 billion or 3,3%) in 2021. 'Diesel fuel, automotive' maintained the position of being the largest product in both years (R80,2 billion or 3,8% in 2017 and R87,5 billion or 3,8% in 2021).

2.3 Top ten products exported

Table C – Sales from top ten own manufactured products exported, 2021

Type of product	Total sales	Local sales	Export sales	% export sales
	R million			
Medium passenger motor vehicles	76 242	16 304	59 939	78,6
Light commercial vehicles	74 586	27 509	47 076	63,1
Small passenger motor vehicles	28 334	8 528	19 806	69,9
Gold (including gold plated with platinum)	37 581	22 882	14 698	39,1
Autocatalytic converters	34 061	20 466	13 595	39,9
Alcohols, phenols, phenol-alcohols, and their derivatives	16 632	3 393	13 239	79,6
Carboxylic acids and other organic chemicals and compounds	12 257	5 382	6 875	56,1
Pulps of wood or other fibrous cellulosic materials	11 420	4 971	6 450	56,5
Other registers, account books, notebooks, letter pads, diaries and similar articles	19 811	13 855	5 956	30,1
Other parts, components and accessories of motor bodies	21 844	16 235	5 609	25,7
Total	332 768	139 525	193 243	58,1
Total own manufactured products	2 273 789	1 947 458	326 331	14,4

The sales of the top ten exported products contributed R193,2 billion (or 58,1%) to the total sales of own manufactured products. The product with the highest proportion of export sales to total sales was 'alcohols, phenols, phenol-alcohols, and their derivatives' at 79,6%, followed by 'medium passenger motor vehicles' (78,6%) and 'small passenger motor vehicles' (69,9%).


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3. Tables

Table 1 – Manufactured products sold in 2017 and 2021: Food and beverages

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Bakery products			25 361 277		32 604 977
Standard brown and white bread, wheat	number	1 496 656 866	13 599 385	1 609 056 843	20 725 445
Gingerbread and sweet biscuits	kilogram	121 333 133	4 418 931	110 856 266	4 572 166
Crispbread; rusks, toasted bread and similar toasted products	kilogram	4 767 293	160 929	9 819 125	412 176
Other bakery products	value only		7 182 032		6 895 190
Dairy products			35 104 560		47 254 407
Milk, pasteurised, homogenised and sterilised	litre	642 657 980	6 344 610	1 047 086 850	12 547 941
Milk, UHT	litre	509 425 703	5 956 263	764 893 759	10 178 427
Yoghurt and yoghurt products	kilogram	303 731 105	4 924 220	328 950 929	6 266 541
Ice cream and other edible ice	kilogram	291 909 520	3 259 339	255 284 665	3 465 520
Cheddar (pre-packed, grated and other)	kilogram	38 045 766	2 121 887	33 125 053	2 345 602
Cream and whey, fresh or powder	kilogram	24 779 839	686 183	57 584 334	2 103 454
Buttermilk and other fermented or acidified (cultured) milk and cream products, including maas, lactic acid drinks (LADs)	litre	109 123 593	1 251 238	192 429 603	1 888 811
Milk powder (for human consumption)	kilogram	36 247 328	1 336 850	58 889 452	1 883 514
Other cheese, including mozzarella	value only		2 081 041		1 412 795
Gouda (pre-packed, grated and other)	kilogram	22 456 422	1 283 253	16 955 316	1 312 571
Dairy products n.e.c.	value only		1 453 643		1 272 248
Butter and other fats and oils derived from milk	kilogram	26 320 662	1 139 943	14 661 856	981 475
Processed cheese and cheese spreads	kilogram	27 733 360	1 669 597	15 647 344	888 370
Other milk and cream n.e.c.	value only		1 596 493		707 138
Fruit and vegetable products			34 266 467		38 601 201
Fruit juices	litre	1 242 388 930	14 309 831	1 045 461 041	14 694 956
Prepared and preserved vegetables, pulses and potatoes	kilogram	416 448 112	8 846 593	392 463 709	8 483 262
Other prepared and preserved fruit and nuts (except by sugar)	value only		5 368 308		5 805 808
Dried fruit and shelled nuts	kilogram	74 267 506	2 124 205	90 999 360	2 865 495
Peanut butter	kilogram	24 590 970	1 034 916	51 172 175	2 507 061
Natural fruit base concentrates or puree (industrial packs) mainly made of grapes or apples, not for immediate consumption	kilogram	46 921 259	877 507	94 277 504	1 995 573
Nuts otherwise prepared (e.g. roasted, salted)	kilogram	15 475 890	505 871	23 273 116	1 122 422
Fruit pulp and puree, excluding tomato pulp	kilogram	54 342 855	677 050	40 960 164	668 237
Peaches (canned, bottled, preserved in plastic containers e.g. pouches), including preserved in fruit juice	kilogram	32 243 890	522 186	24 164 748	458 387

¹ Revised figures.

² Preliminary figures.

Table 1 – Manufactured products sold in 2017 and 2021: Food and beverages (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Grain products			64 186 961		88 622 414
Poultry feeds	tonne	3 629 336	19 406 964	4 153 976	23 545 576
Maize meal (mealie meal)	tonne	2 089 265	11 936 380	3 250 145	17 732 078
Wheat and meslin flour and other cereal flours	tonne	1 466 248	8 644 289	1 944 670	13 399 335
Cattle feeds	tonne	786 077	3 361 468	1 796 439	7 430 598
Instant breakfast foods	kilogram	212 549 211	6 727 731	159 283 856	5 095 749
Other groats, meal and pellets of wheat and other cereals	value only		1 814 460		4 399 194
Other preparations used in animal feeding	value only		3 015 176		4 359 459
Rice, semi or wholly milled	tonne	620 587	3 523 834	590 728	4 322 347
Pig feeds	tonne	273 240	1 038 778	535 376	2 265 863
Dry, semi-moist and canned pet foods (for dogs, cats, etc.)	kilogram	81 487 724	1 109 248	134 222 610	1 806 802
Protein and other mineral supplement farm feeds	kilogram	238 301 447	983 097	342 690 938	1 540 338
Mixes and doughs for the preparation of bakers' wares	kilogram	83 620 804	1 474 456	83 943 079	1 311 576
Other cereal grain products	value only		809 320		1 046 868
Mageu	litre	46 060 372	341 760	45 499 371	366 631
Meat and meat products			40 618 679		64 634 131
Beef and veal, fresh, chilled or frozen	kilogram	623 564 486	21 545 402	685 808 296	27 324 682
Processed meat, including poultry	kilogram	205 678 873	7 927 650	242 273 026	13 734 640
Pork, fresh, chilled or frozen	kilogram	70 688 320	1 920 318	139 663 760	6 749 270
Mutton or lamb, fresh, chilled or frozen	kilogram	55 494 452	3 750 813	48 380 540	4 601 364
Edible offal, fresh, chilled or frozen	kilogram	102 254 953	1 122 424	188 222 703	2 809 402
Packed meat pies or sausage rolls, fresh, frozen, par-baked	kilogram	22 710 198	999 738	37 399 350	1 731 152
Other meat and meat products (including fish)	value only		3 352 334		7 683 621
Mineral water, soft drinks			40 682 105		47 118 650
Aerated flavoured carbonated soft drinks and soda siphons	litre	4 773 028 005	36 365 648	4 613 371 234	40 466 684
Bottled waters	litre	319 862 630	2 654 860	337 972 124	3 152 327
Non-carbonated soft drinks (e.g. sport or energy drinks), excluding fruit juice	litre	100 270 452	1 255 892	135 350 367	2 558 444
Synthetic dilutables/ cordials (cool drink syrups and bases) in undiluted form	litre	63 112 322	405 705	134 451 360	941 195

¹ Revised figures.² Preliminary figures.

Table 1 – Manufactured products sold in 2017 and 2021: Food and beverages (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Other food products			44 005 550		55 841 608
Culinary herbs and other spices including curry	kilogram	126 026 210	3 282 470	222 881 342	7 538 802
Potato crisps, snack food	kilogram	108 954 197	5 201 350	120 476 711	5 670 394
Corn chips, snack food	kilogram	111 658 805	3 679 370	180 395 633	4 679 639
Tea and other extracts, essences and concentrates of tea or mate	value only		3 853 438		3 914 800
Other mixed condiments and seasoning (aromatics)	value only		1 539 352		3 414 258
Infant formula and infant food preparations of fruit, vegetables, meat, flours, meal, malt or starch and mixtures thereof, including baby cereals	kilogram	73 947 970	2 796 465	96 273 406	3 200 744
Coffee and coffee substitutes	kilogram	45 573 461	3 691 190	37 113 454	3 095 560
Sauces	litre	99 784 475	2 301 635	113 844 837	3 052 113
Mayonnaise, salad creams and dressings	kilogram	145 846 816	3 610 622	114 877 079	2 862 752
Non-dairy creamers (e.g. coffee and tea creamers, artificial cream)	kilogram	76 773 696	2 101 626	87 228 033	2 619 775
Pasta and noodles	kilogram	81 403 444	1 321 264	138 887 708	2 506 773
Nutritional foods and dietary supplements; health and performance products; and meal replacements	kilogram	27 223 118	935 775	36 677 583	1 545 230
Soups and broths	value only		877 703		924 803
Powdered soft drinks, including powdered iced tea	kilogram	47 717 248	772 584	41 919 832	813 762
Other food products n.e.c.	value only		8 040 706		10 002 203
Sugar and confectionery			27 669 372		33 383 754
Refined white sugar for export and for local sale	tonne	1 029 357	10 035 267	1 581 194	11 862 670
Chocolate and other food preparations containing cocoa	kilogram	132 084 215	8 516 178	121 954 234	7 990 722
Raw cane sugar for export and for refining for local sales	tonne	365 800	2 196 190	565 478	3 821 593
Gums, jellies, pastilles, lozenges, starch goods, liquorice, toffees and caramels	kilogram	59 789 576	2 115 500	46 511 982	1 804 312
Boiled sweets	kilogram	20 162 780	509 007	26 938 777	935 635
Other sugar and other sugar confectionery	value only		4 297 230		6 968 822

¹ Revised figures.² Preliminary figures.

Table 1 – Manufactured products sold in 2017 and 2021: Food and beverages (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Vegetable and animal oils and fats			36 255 426		52 151 111
Sunflower seed oil, refined	litre	350 798 383	4 967 584	412 925 365	8 230 180
Margarine (white and yellow)	kilogram	209 366 829	3 268 482	324 484 973	7 830 899
Soybean oil, refined	litre	377 840 497	4 965 751	336 355 058	4 853 175
Other animal and vegetable oils and fats, n.e.c.; cotton linters; oilcakes and other residues	value only		23 053 609		31 236 857
Wines and spirits and other beer			80 846 945		76 916 477
Lager beer, brewed from malted barley	litre	3 141 798 375	34 463 807	2 127 716 633	33 332 199
Alcoholic (fruit) flavoured beverages (FABs) and other alternative alcoholic beverages (e.g. ciders, spirit coolers and ready-to-drinks – RTDs)	hecto litre	7 388 513	14 987 297	4 730 479	11 454 562
Rebate brandy and brandy blends	l(aa)	31 930 215	8 674 124	30 314 075	8 572 256
Other spirituous liquors and mixes including whisky, gin, vodka and liquor	value only		8 163 954		8 020 773
Natural (unfortified) wines, still and sparkling	hecto litre	1 792 080	5 748 320	2 314 745	7 738 965
Bulk unfortified (natural) wine (good wine) and bottled sparkling wine, perle wines and other still unfortified wines	hecto litre	1 380 740	2 520 208	2 065 267	3 137 291
Other wines and spirits	value only		3 070 873		2 180 221
Malt, whether or not roasted	tonne	348 707	2 266 609	282 511	1 984 223
Sorghum beer	litre	471 239 165	951 753	116 437 559	495 987
Total			428 997 342		537 128 730

¹ Revised figures.² Preliminary figures.

Table 2 – Manufactured products sold in 2017 and 2021: Textiles, clothing and leather products and footwear

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Clothing			22 158 634		22 677 361
Wearing apparel, knitted or crocheted	value only		6 803 623		7 724 681
Women's and girls' clothing	value only		6 060 184		5 915 858
Articles of apparel, clothing accessories and other articles of fur skin (except headgear), garments made up of felt or nonwovens and textile fabrics impregnated or coated with plastics, rubber or other materials and waterproof clothing of plastic and textile fabrics coated, covered or laminated with plastics including other made-up textile articles	value only		3 491 874		3 793 084
Men's and boys' clothing	value only		3 222 146		2 428 454
Protective overalls, face masks, dust coats and boiler suits	value only		482 561		1 098 755
Specialised protective and safety clothing, body armour garments (e.g. flame, acid, water resistant, ballistic, stab resistant) and accessories body armour vests	value only		522 208		914 943
Babies' outerwear and underwear of natural fibres including booties and clothing of woven fabric	value only		359 185		434 184
Uniforms of military type, other uniforms and corporate wear	value only		703 155		216 182
Hats, caps and berets, including hair nets, except safety headgear	value only		513 698		151 220
Leather and footwear			9 792 844		6 885 456
Footwear with outer soles and uppers of rubber or plastics, other than waterproof footwear or sports footwear	pairs	12 569 177	2 860 088	8 324 014	2 699 830
Bovine (cattle and buffalo), calf or equine leather stock, mineral and vegetable tanned and semi tanned	value only		2 799 804		1 762 808
Bovine (cattle and buffalo), calf or equine leather, upholstery leather for the automotive industry	value only		1 589 746		1 020 784
Leather, leather products and sports footwear	value only		1 298 367		593 590
Gumboots and similar waterproof footwear, uppers and outer soles of plastic, adults	pairs	12 252 404	1 102 727	5 082 066	559 025
Other footwear parts including soles, heels, tips of leather, plastic and other material excluding rubber and removable insoles	value only		142 112		249 419

¹ Revised figures.² Preliminary figures.

Table 2 – Manufactured products sold in 2017 and 2021: Textiles, clothing and leather products and footwear (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Textiles			18 167 131		18 732 008
Bed linen and blankets	value only		2 786 810		3 458 095
Natural animal fibres	value only		2 201 601		2 908 500
Non-woven fabrics	value only		1 537 844		1 857 133
Textile products for the automotive industry, including leather	value only		1 790 631		1 765 643
Curtains (including drapes) and interior blinds; curtain or bed valances	value only		731 144		1 549 586
Woven fabrics of cotton and other vegetable fibres	value only		1 654 211		1 489 554
Other carpets and other textile floor coverings	value only		1 832 362		1 381 305
Textile fabrics, impregnated, coated, covered or laminated	value only		527 051		1 222 335
Yarn and other woven fabrics	value only		2 297 997		972 333
Vegetable textile fibres and mixture thereof, yarn or thread including cotton sewing thread	value only		697 901		661 401
Tricot and raschel warp knitted knit fabrics and piece goods (colour knitted, plain dyed or printed) of natural and man-made yarns	kilogram	14 095 573	925 425	5 750 972	445 945
Tents	value only		281 549		381 620
Weft knitted knit fabrics of natural and man-made yarns	value only		557 095		339 563
Man-made and artificial filaments and synthetic staple fibres	value only		304 663		216 754
Terry towelling and bathroom and toilet linen	value only		40 847		82 241
Total			50 118 609		48 294 825

¹ Revised figures.² Preliminary figures.

Table 3 – Manufactured products sold in 2017 and 2021: Wood products, paper products and printed matter

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Printed matter			71 844 935		53 166 408
Other registers, account books, notebooks, letter pads, diaries and similar articles, blotting-pads, binders, file covers, forms and other articles of stationery, of paper or paperboard	value only		25 641 278		21 294 217
Trade advertising material, commercial catalogues and the like	value only		9 247 763		5 483 808
Other books, in print including general reference books and directories	value only		8 074 923		5 156 313
Printed paper and paperboard labels/ tags/ stickers, self-adhesive (flexo-laminated, pressure sensitive), paste-on, wet-glue	value only		3 502 088		5 064 762
Other printed matter including transfers (decalcomanias) and printed calendars	value only		6 406 855		3 359 063
Business, professional or academic newspapers and periodicals, other than daily, in print and other newspapers and periodicals, other than daily, in print and general interest newspapers and periodicals, other than daily, in print	value only		5 708 933		2 487 886
Continuous stationery (e.g. telex rolls, computer rolls and computer stationery)	value only		2 859 350		2 364 455
Newspapers and periodicals, daily, in print	value only		2 804 141		1 791 357
Security printing (e.g. cheque forms, banknotes, document of title, certificates, pre-paid vouchers or cards, stamps, ballot papers)	value only		1 468 245		1 764 667
Maps and hydrographic or similar charts printed, other than in book-form; music, printed or in manuscript; printed pictures, designs and photographs, plans and drawings for architectural or similar purposes	value only		2 765 811		1 573 785
Educational textbooks, in print	value only		1 055 973		1 353 463
Manuscript books, hard cover (quarter bound)	value only		1 147 535		770 897
Journals, periodicals and magazines, appearing other than daily – printed for other publishers	value only		1 025 117		616 740
Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing	value only		136 923		84 995

¹ Revised figures.² Preliminary figures.

Table 3 – Manufactured products sold in 2017 and 2021: Wood products, paper products and printed matter (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Wood products			88 634 583		95 816 262
Corrugated (fluting) cardboard boxes or folding cartons (whether laminated or not)	value only		10 611 045		11 858 791
Pulps of wood or other fibrous cellulosic material; and articles of cork and straw or other plaiting materials; basketware and wickerwork; and other products of wood	value only		10 752 126		11 420 431
Other toilet tissue stock, uncoated kraft liner and uncoated paper and paperboard; miscellaneous other papers, in rolls or sheets, recycled paper and toilet or facial tissue stock, towel or napkin and similar stock	value only		8 953 091		11 010 307
Other paper and paperboard products including processed paper and paperboards	value only		9 389 821		10 452 405
Sanitary towels and tampons and disposable nappies for babies	1000's	4 859 730	4 654 639	4 230 421	6 345 615
Particle board and similar board	cubic metre	1 425 899	4 973 324	1 194 664	5 768 375
Toilet paper	number of rolls	781 878 581	2 845 380	918 799 911	4 213 590
Fluting paper, including straw and semi-chemical, uncoated, in rolls and sheets	tonne	449 135	2 810 688	487 846	4 184 753
Corrugated single and double wall paperboard in sheets	value only		2 730 913		4 065 852
Built-in (fixed) wooden household furniture and other builders' joinery and carpentry of wood (including assembled wooden parquet panels; wooden (timber) roof trusses; laminated floor boards of wood; other laminated structural timber; and shop fitting of wood	value only		5 011 731		3 602 915
Untreated structural, industrial and other timber, sawn lengthwise, not further processed including poles including lagging saw for underground support (e.g. mining) and other untreated poles other than mining	cubic metre	842 918	2 999 984	878 957	3 554 798
Packing cases, boxes, crates, drums and similar packings, of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood (including staves)	value only		1 941 078		2 895 853
Other corrugated paper and paperboard and containers of paper and paperboard	value only		1 435 685		2 469 276
Liner boards, kraft liners and other kraft liners, uncoated, unbleached, in rolls or sheets	value only		2 681 388		2 376 708
Sacks and bags of paper	kilogram	115 369 632	2 560 910	130 182 657	2 364 041
Food cartons (e.g. frozen food, milk, cream, etc.)	value only		2 279 090		1 717 505
Wood in the rough, treated with paint, stains, creosote or other preservatives; and other timber, treated with paint, stains, other preservatives	cubic metre	565 713	2 094 443	472 142	1 538 508
Fibreboard of wood or other ligneous materials	value only		799 164		1 415 721

¹ Revised figures.² Preliminary figures.

Table 3 – Manufactured products sold in 2017 and 2021: Wood products, paper products and printed matter (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Wood products (concluded)					
Wooden garage, folding, sliding and flush panel doors, hollow core, semi-solid, solid and other panel or moulded doors, excluding louvered doors	number	2 857 541	1 619 320	2 046 752	962 233
Other wood, plywood, veneer products including saw and veneer logs, coniferous and non-coniferous species, not treated	value only		7 490 763		3 598 585
Total			160 479 518		148 982 670

¹ Revised figures.

² Preliminary figures.

Table 4 – Manufactured products sold in 2017 and 2021: Coke, petroleum products, chemical products, rubber and plastic products

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Chemical products			124 645 582		136 451 036
Alcohols, phenols, phenol-alcohols, and their halogenated, sulphonated, nitrated or nitrosated derivatives; industrial fatty alcohols	value only		11 640 218		16 632 047
Ethylene polymers and copolymers (PET, HDPE, LDPE, EVA)	kilogram	358 381 307	6 844 720	748 226 785	14 955 345
Mineral or chemical fertilizers containing at least two nutrients of nitrogen, phosphate and potash; and other fertilisers	value only		20 306 741		13 401 090
Carboxylic acids and other organic chemicals and compounds	litre	765 432 996	11 170 808	674 856 447	12 257 054
Insecticides, fungicides, herbicides and disinfectants	value only		14 239 535		9 948 592
Specialised mining chemicals	kilogram	250 105 821	6 879 001	319 574 766	9 051 879
Hydrogen, nitrogen, oxygen, carbon dioxide and rare gases; inorganic oxygen compounds of non-metals n.e.c.	value only		5 734 401		7 756 430
Prepared explosives; safety fuses; detonating fuses; percussion or detonating caps; igniters; electric detonators; and other pyrotechnic articles, except matches and other combustible materials	value only		6 656 957		6 185 574
Chemical elements; inorganic acids; inorganic oxygen compounds of boron, silicon and carbon; halogen or sulphur compounds of non-metals; sodium hydroxide; hydroxide and peroxide of magnesium; oxides, hydroxides and peroxides of strontium or barium; aluminium hydroxide; hydrozine and hydroxylamine and their inorganic salts	value only		5 950 179		5 103 802
Ethylene, propylene, butylene, butadiene and other petroleum gases or gaseous hydrocarbons, except natural gas	kilogram	562 847 965	5 193 166	420 584 618	5 047 027
Miscellaneous basic chemical products	value only		1 076 956		3 256 190
Glues and gelatine, peptones and their derivatives, and related products; caseinates and other casein derivatives; albuminates and other albumin derivatives	value only		2 135 577		2 785 642
Bleach and other surface active cleaning preparations including hand cleaners	value only		2 104 847		2 652 453
Industrial cleaning chemicals	kilogram	65 746 526	975 536	90 452 253	1 947 412

¹ Revised figures.² Preliminary figures.

Table 4 – Manufactured products sold in 2017 and 2021: Coke, petroleum products, chemical products, rubber and plastic products (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Chemical products (concluded)					
Lubricating preparations and preparations of a kind used for the oil or grease treatment of materials, except of petroleum; prepared additives for mineral oils; prepared liquids for hydraulic transmission, except of petroleum; anti-freezing preparations and prepared de-icing fluids	value only		2 334 841		1 741 000
Salts of oxometallic or peroxometallic acids; colloidal precious metals and compounds thereof; inorganic and organic compounds of mercury; other inorganic chemicals n.e.c.; compressed air; amalgams	kilogram	161 320 550	1 244 456	170 311 929	1 601 292
Perfumes, colognes and toilet waters, including lavender and essential oil flavours and fragrances concentrates for perfuming or deodorising rooms and preparations thereof	value only		2 743 201		1 405 948
Synthetic rubber (e.g. SBR, XSBR, EPDM) and mixtures thereof in primary forms or in plates, sheets or strips	kilogram	120 477 385	3 086 230	63 913 612	998 047
Other radioactive elements and isotopes and compounds; alloys, dispersions, ceramic products and mixtures containing these elements, isotopes or compounds; radioactive residues	value only		1 142 451		663 533
Table (edible) salt (sodium chloride)	kilogram	92 171 786	518 277	108 413 008	518 575
Other chemical treatment preparations and finishing agents for industrial uses	value only		12 667 484		18 542 104
Cleaning preparations and toiletries			36 197 853		38 868 254
Detergents: liquid, powder, fabric softeners and other washing preparations	value only		9 348 290		9 524 750
Cleaning and polishing preparations	kilogram	159 099 322	4 200 233	276 239 732	7 188 073
Toilet and antiseptic soap (bars) and liquid soap	kilogram	287 211 316	8 133 399	235 082 684	7 164 284
Face creams and face lotions, skin care ranges, hand lotions and creams; other hand, foot and nail cosmetics and manicure or pedicure preparations and colour cosmetics	value only		5 186 081		6 602 120
Laundry soap, bars and tablets	kilogram	211 530 497	3 125 686	128 638 168	2 396 217
Body lotions, skin lighteners, sun-tan and similar skin foods; pre-shave, shaving or other shave preparations; after shave lotions and other hair removing preparations	value only		1 305 118		1 829 674
Toothpaste and other mouth preparations (e.g. mouthwash, dentifrices)	kilogram	55 087 250	1 747 219	38 703 464	1 741 648
Liquid and cream shampoos and other hair preparations including hair straighteners	value only		1 453 350		1 309 705
Body deodorants and antiperspirants	value only		1 698 477		1 111 783

¹ Revised figures.² Preliminary figures.

Table 4 – Manufactured products sold in 2017 and 2021: Coke, petroleum products, chemical products, rubber and plastic products (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Paints, fillers and other surface			17 311 436		17 918 997
Polyvinyl acetate (PVA) and emulsion paints, water based	litre	161 112 846	5 003 757	169 089 841	6 296 200
Other paints and varnishes and related products	value only		6 475 589		4 209 716
Printing ink and other printing ink including artists', students' or signboard painters' colours, modifying tints, amusement colours and the like	value only		2 007 559		2 905 583
Car finishes (automotive paints) and metal decorating finishes, solvent based	value only		1 025 846		1 522 933
Enamel paints, solvent based, non-drip and normal, including stoving enamels	litre	67 551 708	1 758 073	48 268 463	1 487 937
Masterbatch	value only		503 897		808 635
Varnishes (domestic, insulating and industrial) and lacquers	value only		536 715		687 993
Petroleum products			221 766 151		220 669 896
Diesel fuel, automotive	kilolitre	14 105 300	86 864 323	10 417 977	87 471 708
Petrol (motor spirit/ gasoline), unleaded (ULP) 95 octane	kilolitre	8 594 102	56 158 287	7 025 698	63 049 697
Petrol (motor spirit/ gasoline), unleaded (ULP) 93 octane	kilolitre	3 976 172	24 254 123	2 690 384	18 979 245
Aviation/aircraft fuel (gasoline, spirit type), jet and turbo fuel, kerosene and kerosene type jet fuel (aviation kerosene) and other products derived from paraffin	kilolitre	3 310 609	15 268 373	2 325 422	14 157 762
Fuel oils n.e.c.	kilolitre	2 715 895	10 138 809	1 561 822	9 636 417
Lubricating petroleum oils and oils obtained from bituminous minerals, other heavy petroleum oils and heavy oils obtained from bituminous minerals (other than crude), and heavy preparations n.e.c. containing not less than 70% by weight of petroleum oils or oils obtained from bituminous minerals (other than crude), these oils being the basic constituents of the preparations	value only		7 177 480		7 477 233
Hydrocarbons and their halogenated, sulphonated, nitrated or nitrosated derivatives and other light petroleum oils and oils obtained from bituminous materials, other than crude	value only		7 078 227		6 281 982
Petroleum refinery products	kilogram	644 149 633	6 503 314	503 116 057	5 999 065
Propane and butanes, liquefied	kilogram	331 138 016	3 541 680	336 926 502	3 618 403
Stoker plant char (charcoal), retort carbon, coal coke and tar and other mineral tars	value only		2 434 929		2 990 914
Petrol (motor spirit/ gasoline), lead replacement (LRP) 93 and 95 octane	kilolitre	433 783	2 346 606	173 963	1 007 470

¹ Revised figures.² Preliminary figures.

Table 4 – Manufactured products sold in 2017 and 2021: Coke, petroleum products, chemical products, rubber and plastic products (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Pharmaceuticals			25 390 808		38 674 490
Antiviral (e.g. HIV drugs) and antimicrobial drugs, and antibiotic, tablets, capsules, pills, powder including preparations	value only		4 944 172		7 305 097
Other articles for medical or surgical purposes	value only		3 277 238		5 484 041
Medicines affecting autonomic functions, respiratory and vascular medicines	value only		5 034 771		3 707 629
Vitamins and multivitamins, hormones; glycosides and vegetable alkaloids and their salts, ethers, esters and other derivatives; antibiotics and preparation thereof	value only		2 735 497		3 526 663
Compounds containing aspirin and/or paracetamol	kilogram	45 371 150	2 299 860	87 698 163	3 238 456
Homeopathic, herbal medicines or traditional remedies	value only		536 540		1 018 046
Veterinary medicaments and vaccines and antisera (injections)	value only		610 584		945 030
Other pharmaceutical products and other medicaments, for therapeutic or prophylactic uses	value only		5 952 146		13 449 528
Plastic products			65 078 251		66 471 289
Foam slabs, blocks, sheets, profiles and shapes, excluding mattresses, of polyurethane, rigid	value only		9 015 312		9 285 258
Industrial mouldings of plastic and other plastic mouldings	value only		4 547 329		9 024 044
Other plates, sheets, film, foil and strip, of plastics, not self-adhesive, non-cellular and not reinforced, laminated, supported or similarly combined with other materials; and other plates, sheets, film, foil and strip, of plastics	value only		7 221 874		7 521 393
Motor vehicle parts and components of plastic	value only		4 685 572		6 154 977
Other articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics	value only		4 160 843		4 493 399
Tubes, pipes and hoses, and fittings therefor, of plastics	value only		6 293 462		3 206 787
Tableware, kitchenware, acrylic sanitary ware (plastic) and other household and toilet articles of plastics	value only		3 450 891		2 180 093
Plastic boxes for packaging, stacking shipping, tool boxes, cooler boxes, silos and tanks of plastics	value only		2 081 119		1 912 086

¹ Revised figures.² Preliminary figures.

Table 4 – Manufactured products sold in 2017 and 2021: Coke, petroleum products, chemical products, rubber and plastic products (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Plastic products (concluded)					
Cups and tubs (aseptic packaging and food containers) of plastic, under 370ml – bag-in-box packaging, thin wall injection moulding	kilogram	112 079 475	2 374 225	71 202 992	1 863 138
Plastic containers, including bottles, for beverages and water, capacity 2l and less	value only		2 190 590		1 203 826
Articles of plastics n.e.c.	value only		1 859 201		1 112 347
Stoppers, lids, caps, discs and other closures, of plastic (foil, screw cap, twist cap)	value only		1 749 625		898 266
Crates of plastic (HDPE injection moulded)	kilogram	24 267 336	844 802	22 932 236	894 615
Stationery goods of plastic (e.g. file, book and document covers (slip-on), letter files and letter trays, cards)	value only		334 019		464 095
Floor coverings of plastics, in rolls or in the form of tiles; wall or ceiling coverings of plastics	value only		848 446		351 570
Other plastics and plastic products	value only		13 420 941		15 905 395
Rubber products			15 382 544		14 532 666
Tyres: pneumatic, new, for motor cars (e.g. radial ply)	number	7 244 756	5 074 100	5 836 496	4 756 171
Conveyor or transmission belts or belting, of vulcanised rubber	value only		2 043 456		3 216 897
Other rubber products	value only		1 747 299		2 294 463
Tyres: pneumatic, new, for light trucks (LDVs)	number	3 012 153	3 010 073	1 182 758	1 624 154
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	value only		906 484		1 151 838
Tyres: pneumatic, new, for buses and trucks, giant and industrial vehicles	number	751 054	1 914 208	273 265	1 109 184
Retreaded pneumatic tyres of rubber and camel-back strips for retreading rubber tyres	value only		686 924		379 959
Total			505 772 625		533 586 628

¹ Revised figures.² Preliminary figures.

Table 5 – Manufactured products sold in 2017 and 2021: Glass and other non-metallic mineral products

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Cement and cement blends	tonne	16 504 554	21 010 920	16 938 415	22 488 259
Glass and glass products	value only		12 972 192		12 708 991
Tiles, flagstones, bricks and similar articles, of concrete, cement, plaster, lime and artificial stone	value only		12 255 940		11 331 040
Non-refractory mortars and concretes	cubic metre	6 151 793	6 800 813	4 492 581	5 823 144
Bituminous mixtures based on natural and artificial stone materials and bitumen, natural asphalt or related substances as a binder; and articles of asphalt or of similar material	value only		7 109 967		4 843 198
Ceramic floor and wall tiles	square metre	63 680 554	3 806 968	56 315 524	3 819 798
Building bricks	value only		1 943 239		2 698 718
Prefabricated structural components for building or civil engineering, of cement, concrete or artificial stone	value only		3 997 411		2 524 414
Other refractory products and structural non-refractory clay products	value only		2 083 093		2 276 990
Monumental or building stone and articles thereof	value only		1 382 280		1 156 131
Non-structural ceramic ware	value only		378 751		266 250
Other non-metallic mineral products n.e.c.	value only		2 947 771		2 855 796
Total			76 689 345		72 792 729

¹ Revised figures.

² Preliminary figures.

Table 6 – Manufactured products sold in 2017 and 2021: Metals, metal products, machinery and equipment

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Basic metals			184 769 007		174 839 072
Gold (including gold plated with platinum), unwrought or in semi-manufactured forms, or in powder form	ounce	895 884	15 333 973	1 553 020	37 580 603
Semi-finished products of aluminium or aluminium alloys	value only		38 919 846		33 976 872
Flat-rolled products of steel	tonne	6 116 023	52 817 695	2 717 061	31 833 849
Primary materials of the iron and steel industry	tonne	2 438 304	23 619 759	1 881 764	19 258 179
Other non-ferrous metals and articles including silver, waste and scrap of some metals; cermets and articles thereof	value only		15 082 012		13 981 744
Bars and rods	tonne	1 641 662	13 121 325	1 496 772	13 654 004
Wire of iron, non-alloy and alloy steel	value only		5 797 715		9 171 692
Tubes, pipes and hollow profiles, of steel	value only		8 408 871		6 348 626
Angles, shapes and sections, not further worked than hot-rolled, hot-drawn or extruded of iron or non-alloy steel; sheet piling of steel; welded angles, shapes and sections, of steel; railway or tramway track construction material of steel	value only		6 276 652		3 895 078
Semi-finished products of copper, nickel, lead, zinc and tin or their alloys	value only		2 086 949		2 196 024
Platinum, unwrought or in semi-manufactured forms, or in powder form	ounce	29 876	332 454	101 511	1 522 377
Copper, nickel, aluminium, alumina, lead, zinc and tin, unwrought	value only		2 971 756		1 420 024
Machinery and equipment			110 142 989		115 656 649
Mining, quarrying and construction machinery and parts thereof	value only		15 014 493		18 279 706
Pumps, compressors, hydraulic and pneumatic power engines, and valves, and parts thereof	value only		9 839 150		11 950 053
Agricultural or forestry machinery; machine-tools; office and accounting machinery; and parts and accessories thereof	value only		11 075 749		10 776 035
Continuous-action elevators, pneumatic and other continuous action elevators and conveyors for goods or materials and other lifting and handling equipment and parts thereof	value only		8 453 876		9 013 965
Weapons and ammunition and parts thereof	value only		6 478 038		8 752 580
Domestic appliances and parts thereof	value only		7 817 867		8 646 377

¹ Revised figures.² Preliminary figures.

Table 6 – Manufactured products sold in 2017 and 2021: Metals, metal products, machinery and equipment (continued)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Machinery and equipment (concluded)					
Other moving, grading, levelling, scraping, excavating, tamping, compacting or extracting machinery, self-propelled, for earth, minerals or ores (including bulldozers, mechanical shovels and road rollers); and pile-drivers and pile-extractors; snow-ploughs and snow-blowers; other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, not self-propelled, for earth, minerals or ores; machinery n.e.c. for public works, building or the like	value only		10 459 175		8 369 558
General-purpose machinery n.e.c.	value only		5 979 097		6 151 596
Refrigerating and freezing equipment and heat pumps, except household type equipment	value only		6 301 399		5 796 330
Other special-purpose machinery and parts thereof	value only		4 518 386		4 337 872
Air conditioning units	number	704 829	1 908 653	1 574 874	4 327 063
Heat exchangers, air humidifiers, dehumidifiers, ionisers or air distributors or ventilators and producer gas or water gas generators	value only		5 291 555		3 608 523
Bearings, gears, gearing and driving elements, and parts thereof	value only		3 051 954		3 280 217
Machinery for the food, beverage and tobacco industries; and parts thereof	value only		2 036 108		2 861 993
Hand tools and interchangeable tools for hand tools or for machine tools	value only		5 272 630		2 765 164
Tanks, drums, reservoirs of iron, steel or aluminium	value only		1 615 801		2 254 783
Oil filters, petrol filters and air intake filters for internal combustion engines	value only		2 177 329		2 029 835
Filtering and purifying machinery and apparatus, for liquids and gases, except oil filters, petrol filters and air intake filters for internal combustion engines	value only		1 638 321		1 538 292
Parts for gas generators; distilling plants; air conditioning and refrigerating equipment; filtering machinery; and general-purpose machinery n.e.c.	value only		1 213 408		916 707

¹ Revised figures.² Preliminary figures.

Table 6 – Manufactured products sold in 2017 and 2021: Metals, metal products, machinery and equipment (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Metal products			76 758 209		81 213 736
Structural steelwork and parts of structures of iron, steel or aluminium	value only		11 576 482		23 859 359
Steel, cut, bent, slit, value-added or manufactured according to customer specifications, including prototypes	value only		17 191 905		13 835 972
Containers, packaging materials of metal and metal closures	number	686 456 827	11 790 625	396 516 412	9 761 146
Reinforcing metal products (e.g. gabions, re-bars), including wire reinforcing fabric/mesh and strips, for use in structures	value only		4 579 614		5 644 846
Metal fasteners, springs and miscellaneous articles made from metal wire	value only		5 271 830		5 013 463
Other doors, windows and their frames and thresholds for doors, of iron or steel	value only		3 867 849		4 956 832
Roof sheeting (e.g. corrugated iron sheets), prepared for use in structures	value only		9 694 519		4 727 074
Windows, window and skylight frames, aluminium	value only		1 810 828		2 904 331
Bridges, bridge sections, towers and lattice masts, of iron or steel	value only		2 613 035		1 160 239
Windows and door frames, predominantly ferrous	value only		322 599		949 226
Domestic metal products (sanitary ware of metal and household articles of metal)	value only		870 307		548 560
Other metal products	value only		7 168 616		7 852 688
Total			371 670 205		371 709 457

¹ Revised figures.² Preliminary figures.

Table 7 – Manufactured products sold in 2017 and 2021: Electrical machinery and apparatus

Type of product	2017 ¹	2021 ²
	R'000	R'000
Electric motors, generators, alternators and transformers and parts thereof	14 561 543	13 820 749
Electricity distribution and control apparatus, and parts thereof	7 106 338	8 528 076
Electronic components and equipment, other electrical equipment and parts thereof	6 891 272	8 326 289
Electric conductors (insulated wire and cables), whether or not fitted with connectors, for a voltage not exceeding 1000V and optical fibre cables	3 234 405	5 669 547
Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	5 454 700	4 839 844
Accumulators, primary cells and primary batteries, and parts thereof	7 099 179	3 570 421
PVC (polyvinyl chloride) insulated copper conductor power cables (underground and overhead), whether unscreened, screened (shielded), armoured or a combination thereof	2 803 683	2 065 385
Electric filament or discharge lamps; arc lamps; lighting equipment; parts thereof	2 509 689	1 777 685
Other electric conductors, for a voltage exceeding 1000V	1 982 647	1 561 442
Uninsulated copper power cable conductors (e.g. earthing)	1 192 829	872 007
XLPE (polyethylene) insulated copper conductor power cables (underground and overhead), whether unscreened, screened (shielded), armoured or a combination thereof	756 733	558 081
Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon of a kind used for electrical purposes	416 795	442 665
XLPE (polyethylene) insulated aluminium conductor power cables, whether unscreened, screened (shielded), armoured or a combination thereof	846 871	227 031
Total	54 856 684	52 259 222

¹ Revised figures.

² Preliminary figures.

Table 8 – Manufactured products sold in 2017 and 2021: Communication, medical and optical equipment

Type of product	2017 ¹	2021 ²
	R'000	R'000
Radio broadcast and television receivers; apparatus for sound and video recording and reproducing; microphones, loudspeakers, amplifiers, etc.	10 027 659	5 596 225
Other instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments; industrial process control equipment; parts and accessories thereof	4 252 606	5 400 631
Television and radio transmitters, television, video and digital cameras, telephone sets, radio broadcast and television monitors and projectors, recorded disks, tapes or other media, systems software and parts thereof	3 114 268	2 487 075
Medical and surgical equipment and orthopaedic appliances	2 146 265	2 235 533
Cards with magnetic strips or chips	964 797	2 107 244
Gas, liquid (water) or electricity supply or production meters (prepayment meters)	2 263 393	1 722 150
Optical instruments and photographic equipment, and parts and accessories thereof	761 426	939 951
Audio, video and other disks, tapes and other physical media, recorded; packaged software	590 128	15 045
Total	24 120 542	20 503 854

¹ Revised figures.

² Preliminary figures.

Table 9 – Manufactured products sold in 2017 and 2021: Transport equipment

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Equipment for transport by road			304 577 396		339 381 619
Medium passenger motor vehicles, cubic capacity of 1400cc up to 2500cc	number	143 303	55 840 157	131 976	76 241 632
Light commercial vehicles (light CV) with GVM less than 3500kg, for the transport of goods and public transport type passenger motor vehicles, including minibus taxis	number	359 669	66 891 943	189 310	74 585 577
Autocatalysts (catalytic converters), complete; coated and uncoated monolith	value only		26 442 496		34 060 943
Small passenger motor vehicles, cubic capacity 1400cc or less	number	129 216	21 787 280	124 448	28 334 398
Other parts, components and accessories of motor bodies	value only		23 042 861		21 844 278
Other parts and accessories n.e.c. of motor vehicles	value only		9 802 297		16 005 467
4 x 4 recreational passenger vehicles/ SUVs (sport utility vehicles) and MUVs (multi-purpose vehicles)	number	26 601	12 461 050	27 746	13 489 099
Heavy (GVM 8501kg to 16500kg) and extra heavy commercial vehicles (GVM 16500kg and more) for the transport of goods	number	18 326	22 051 044	9 627	11 468 085
Other trailers and semi-trailers; containers	value only		10 597 522		9 402 035
Car seat cushions (complete), for the automotive textile industry, including leather	value only		8 799 624		9 126 449
Front and rear axles	value only		2 906 610		6 298 235
Public transport type passenger motor vehicles, including minibus taxis	number	13 725	4 808 778	15 236	6 134 553
Exhaust systems, complete system of silencers and exhaust pipes, for the automotive industry	value only		5 269 152		6 127 336
Engines and turbines and parts thereof	value only		5 911 614		5 967 489
Medium commercial vehicles (medium CV) with GVM 3501kg to 8500kg, for the transport of goods	number	14 846	4 971 269	8 233	3 340 434
Road tractors for semi-trailers	number	4 018	4 395 656	2 027	3 263 330

¹ Revised figures.

² Preliminary figures.

Table 9 – Manufactured products sold in 2017 and 2021: Transport equipment (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Equipment for transport by road (concluded)					
Other parts and components for exhaust systems	value only		1 248 765		1 957 233
Shock absorbers	number	3 069 771	2 156 936	2 088 727	1 786 874
New and reconditioned hydraulic and other brake systems and parts	value only		2 247 936		1 700 935
Alloy and road wheels for vehicles, wheel rims, caps and hubs (of steel or other material)	value only		1 876 616		1 455 405
Bodies for motor vehicles	value only		1 100 333		1 354 095
Parts, components and accessories of trailer and semi-trailer bodies	value only		1 311 811		1 155 759
Brake pads	value only		1 569 048		1 069 355
Buses and motor coaches	value only		2 648 443		998 693
Air bags for the automotive textile industry	value only		1 188 410		869 486
Containers specially designed and equipped for carriage by one or more modes of transport	value only		350 568		533 829
Other motor vehicles	value only		433 145		469 607
Mobile homes, caravans (including collapsible caravans) and caravan type trailers and semi-trailers	value only		258 253		273 473
Large passenger motor vehicles, cubic capacity 2500cc and higher	number	4 925	2 207 779	108	67 535
Equipment for transport by water, air and rail and other transport equipment			29 608 780		15 328 911
Locomotives, railway coaches, goods wagons, mine hopper wagons, railway maintenance and service vehicles	value only		19 662 117		5 888 325
Other equipment for transport by water, air and rail; and other transport equipment	value only		4 296 052		4 809 833
Aeroplanes and helicopters; parts of aircraft and spacecraft	value only		3 885 712		3 625 770
Parts of locomotives or rolling stock; mechanical (including electromechanical) signalling, safety or traffic control equipment for railways, including locomotive seat cushions	value only		1 764 899		1 004 983
Total			334 186 176		354 710 530

¹ Revised figures.² Preliminary figures

Table 10 – Manufactured products sold in 2017 and 2021: Furniture and other manufactured products (including recycling)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Furniture			10 530 502		13 877 399
Seats	value only		4 009 228		5 506 026
Mattress supports; mattresses, fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics, whether or not covered; and parts of furniture	number	1 969 101	3 945 053	2 059 002	4 676 541
Other furniture n.e.c.	value only		1 415 349		1 902 234
Other furniture, of a kind used in offices	value only		793 491		1 029 749
Other wooden furniture, of a kind used in the kitchen	value only		367 381		762 849
Other manufacturing products			118 636 452		119 942 553
Tobacco and other tobacco products	value only		26 368 778		27 104 457
Recycling of metal (ferrous and non-ferrous) waste and scrap	value only		13 943 827		13 244 126
Other jewellery and other articles of precious metal or of metal clad with precious metal; articles of natural or cultured pearls or precious or semi-precious stones (natural, synthetic or reconstructed); and circulation coins	value only		5 064 387		11 598 531
Other wastes n.e.c.	value only		3 752 236		9 336 316
Pearls, precious or semi-precious stones, and synthetic or reconstructed precious or semi-precious stones (except industrial diamonds and piezo-electric quartz), worked (except simply sawn, cleaved, bruted or roughly shaped), but not strung, mounted or set; and industrial diamonds, worked; dust and powder of natural or synthetic precious or semi-precious stones	value only		6 610 160		6 660 070
Recycling of non-metal waste and scrap	value only		2 763 199		3 305 938

¹ Revised figures.² Preliminary figures.

Table 10 – Manufactured products sold in 2017 and 2021: Furniture and other manufactured products (including recycling) (concluded)

Type of product	Unit	2017 ¹		2021 ²	
		Quantity	R'000	Quantity	R'000
Other manufacturing products (concluded)					
Gold jewellery (9 carats or finer), containing diamonds, strung, mounted or set including other precious and semi-precious stones	value only		3 361 889		2 038 683
Display, point of sale exhibition stands or advertising aids	value only		2 398 901		1 242 126
Pens, pencils, stamps, typewriter or similar ribbons, ink-pads and similar articles; umbrellas, sun-umbrellas, walking-sticks, seat sticks, whips, riding-crops, buttons, press fasteners, snap-fasteners, press-studs, slide fasteners and parts thereof; button blanks; linoleum; and photographic plates, film, paper, paperboard and textiles, exposed	value only		1 866 619		1 067 223
Prefabricated buildings	value only		1 787 753		947 154
Matches	value only		812 298		872 724
Household candles and other candles (e.g. decorative)	kilogram	37 611 053	625 515	38 231 926	789 622
Sports goods, games and toys	value only		843 135		401 013
Other manufactured articles n.e.c.	value only		1 930 285		2 534 442
Other products	value only		46 507 470		38 800 128
Total			129 166 954		133 819 952

¹ Revised figures.² Preliminary figures.

Table 11 – Purchases of raw materials for the food and beverages division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Maize (corn), not processed	24 145 293	25 244 415
Milk, raw	15 308 018	20 445 908
Grain, processed (e.g. meal, flour)	12 153 822	20 418 057
Cattle livestock	18 860 470	17 754 568
Animal and vegetable oils or fats	12 311 748	15 536 420
Sunflower oilseeds	9 334 776	14 161 687
Wheat, not processed	14 875 179	14 047 888
Soya oil seeds	13 282 244	10 578 982
Cattle or calve carcasses (fresh, chilled or frozen)	3 959 036	7 489 659
Sugar crops	9 743 855	7 268 221
Fruits, fresh or chilled	4 112 368	6 648 067
Beverage bases and concentrates	9 907 010	6 343 829
Swine / pigs livestock	4 087 413	5 341 143
Dairy products	3 827 081	4 898 239
Sheep livestock	3 054 684	4 616 465
Spirits, liqueurs or other alcoholic liquors	6 574 124	4 214 009
Natural wines	5 907 686	4 050 137
Flavourants	1 957 864	3 734 430
Wine for further processing	4 103 557	3 665 548
Spices, herbs or other aromatic crops	2 194 560	3 444 508
Other oil seeds or oil nuts	2 597 330	3 231 624
Processed or semi-processed meats (e.g. minced), fresh, chilled or frozen	1 469 722	3 210 625
Cocoa powder	1 117 771	3 086 484
Preparations used in animal feeding	1 256 417	3 075 960
Chickens	2 728 757	2 878 066
Barley, not processed	2 492 317	2 594 772
Bakery products	1 434 031	2 462 508
Pig or suckling pig carcasses (fresh, chilled or frozen)	1 955 932	2 397 935
Poultry, including chicken meat	1 164 709	2 089 533
Vegetables, fresh or chilled	2 483 168	2 086 986
Prepared or preserved fruit	885 960	1 673 663

¹ Revised figures.² Preliminary figures.

Table 11 – Purchases of raw materials for the food and beverages division in 2017 and 2021 (concluded)

Description	2017 ¹	2021 ²
	R'000	R'000
Tea not processed, tea extracts or preparations with a basis therefrom	857 640	1 579 136
Nuts, shelled	1 896 870	1 554 090
Canola (rapeseeds)	1 319 783	1 284 239
Maize for forage and silage	990 268	1 164 713
Starches and starch products	748 011	1 047 564
Fish, fresh or chilled	580 085	731 339
Salt (raw, table or otherwise processed)	508 545	677 993
Malt, whether or not roasted	518 267	673 991
Natural water included in final product	648 038	514 263
Coffee (roasted, ground or instant)	631 193	432 148
Sheep or lamb carcasses (fresh, chilled or frozen)	613 493	358 113
Gluten	265 699	323 233
Food colouring	409 929	273 965
Ground nuts	293 385	220 863
Other raw materials	46 864 279	87 145 551
Total	256 432 387	326 671 537

¹ Revised figures.

² Preliminary figures.

Table 12 – Purchases of raw materials for the textiles, clothing and leather and footwear division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Polymers (plastics raw materials) (e.g. chips, powders, granules)	1 317 200	2 076 535
Other knitted or crocheted fabrics	2 527 401	1 882 834
Cattle or calves skin hides or furskins, raw or semi-processed	2 839 449	1 484 857
Textile sewing yarn or thread	1 457 704	1 257 352
Other textile articles	885 883	1 040 196
Man-made textile staple fibres or filaments processed for spinning	304 912	701 272
Other special woven fabrics (e.g. tulle, lace, narrow fabrics, trimmings, embroidery)	457 135	690 033
Cotton, whether or not ginned	417 284	520 855
Carpets and other textile floor coverings	493 919	320 808
Tanned or dressed furskins, leather; composition/synthetic leather	278 083	292 855
Felt or non-woven fabrics	207 936	272 581
Zips	356 317	233 027
Sheep or lamb skin hides or furskins, raw or semi-processed	283 006	188 304
Paints, varnishes, artists' colours, ink, masterbatch and the like	182 343	181 560
Glues, gelatine, peptones, caseinates, albuminates and other binding materials	147 676	151 462
Buttons, button moulds and blanks	116 665	145 669
Other animals skin hides or furskins, raw or semi-processed	105 493	114 174
Other raw materials	18 920 604	18 287 803
Total	31 299 010	29 842 177

¹ Revised figures.

² Preliminary figures.

Table 13 – Purchases of raw materials for the wood, wood products, paper, publishing and printing division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Processed paper or paperboard	12 172 560	13 179 050
Corrugated paper or paperboard	5 474 840	8 061 797
Pulps of wood or other fibrous cellulosic materials	4 570 465	6 781 281
Newsprint, hand-made paper or other uncoated paper or paperboard	7 419 678	6 225 701
Toilet or facial tissue stock, towel or napkin stock	2 251 797	4 828 220
Other pulp, paper or paperboard products	4 525 317	3 261 787
Chemical additives	2 992 138	3 193 585
Reclaimed paper or paperboard	3 495 090	2 675 906
Paints, varnishes, artists' colours, ink, masterbatch and the like	2 655 930	2 618 768
Logs of coniferous wood and non-coniferous wood	4 158 743	2 432 280
Uncoated kraft liner ; miscellaneous papers	2 447 271	2 343 928
Wood in the rough, treated or impregnated	3 328 787	1 482 682
Wood, sawn or clipped lengthwise, not impregnated	2 015 022	1 307 211
Glues, gelatine, peptones, caseinates, albuminates and other binding materials	616 140	1 224 775
Boards and panels	1 184 988	1 147 563
Printed matter for further processing or included in final product	1 263 887	1 002 896
Builders' joinery and carpentry of wood	1 096 187	661 704
Natural gums	799 371	609 347
Photographic plates, film and printing blocks	989 470	377 392
Veneer sheets; sheets for plywood; densified wood	265 589	338 108
Other raw materials	12 159 896	15 985 776
Total	75 883 166	79 739 757

¹ Revised figures.

² Preliminary figures.

Table 14 – Purchases of raw materials for the coke, petroleum, chemical products, rubber and plastic division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Petroleum oils or oils obtained from bituminous minerals, crude	92 076 239	80 605 257
Chemical additives, compounds and products	52 715 866	66 364 335
Coke oven products; refined petroleum products	76 145 230	41 423 446
Polymers (plastics raw materials) (e.g. chips, powders, granules)	29 588 581	25 334 442
Pharmaceutical products or articles	9 744 513	14 925 406
Natural gas, liquefied or in the gaseous state	9 530 684	13 878 109
Petroleum gases or other gaseous hydrocarbons	18 896 810	12 398 476
Petroleum oils or oils obtained from bituminous materials, refined	4 919 648	6 737 452
Natural rubber in primary forms or in latex or bales	2 021 416	2 956 699
Prepared pigments, colours, tints, glazes, opacifiers and the like	2 287 574	2 387 969
Petroleum jelly, paraffin wax, other mineral waxes or similar products	2 375 342	2 034 802
Cleaning and polishing preparations	632 240	1 758 296
Perfumes and toilet preparations	2 483 934	1 659 593
Bitumen or asphalt	1 629 440	1 641 771
Synthetic resins	2 459 717	1 582 155
Plates, sheets, film, foil or strips of plastics and plastic products, excluding packaging	877 763	1 566 986
Pesticides, insecticides, fungicides or herbicides	3 191 225	1 292 059
Paints, varnishes, artists' colours, ink, masterbatch and the like	2 170 846	1 225 633
Synthetic rubber and mixtures thereof in primary forms or in latex or bales	2 601 014	1 075 154
Natural water included in final product	1 474 898	1 051 018
Other pulp, paper or paperboard products	229 385	671 616
Unvulcanised compounded rubber, in primary forms or in sheets or strips	320 166	400 030
Other colouring matter or dyes	935 138	391 637
Non-ferrous ores and concentrates (e.g. copper, nickel, aluminium)	771 644	283 822
Gypsum, limestone or other calcareous or siliceous stone	219 757	219 210
Hardware metal products	97 768	118 128
Other raw materials	33 476 686	34 888 312
Total	353 873 524	318 871 813

¹ Revised figures.

² Preliminary figures.

Table 15 – Purchases of raw materials for the glass and other non-metallic mineral products division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Portland cement, aluminium cement, slag cement or similar hydraulic cements	5 228 503	4 698 182
Clays and natural sand	2 196 147	3 134 757
Other stone, sand or clay	3 918 142	2 762 918
Boiler ash, fly ash, blast furnace slag, silica fumes	1 890 836	2 294 919
Glass and glass products	1 730 622	2 202 452
Gypsum, limestone or other calcareous or siliceous stone	1 963 898	2 178 403
Dimension building stone (e.g. granite, marble, sandstone, slate, quarts or other monumental or building stone)	863 656	1 362 535
Other cement, lime or plaster	471 888	1 304 388
Cement clinkers	100 689	556 909
Non-metallic minerals	579 436	470 968
Paints, varnishes, artists' colours, ink, masterbatch and the like	236 545	179 287
Other raw materials	11 327 719	5 724 384
Total	30 508 081	26 870 102

¹ Revised figures.

² Preliminary figures.

Table 16 – Purchases of raw materials for the metals, metal products, machinery and equipment division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Precious metals (e.g. gold, platinum, silver) or metals clad with precious metals	14 842 498	35 271 006
Non-ferrous ores and concentrates (e.g. copper, nickel, aluminium), precious metals, copper, nickel, aluminium, lead, zinc or tin, unwrought	34 806 528	31 428 670
Flat-rolled, not further worked than hot or cold rolled of iron and alloy steel, including stainless steel	51 246 173	25 153 680
Primary products of iron and steel metallurgy (e.g. pig iron, ferro-alloys)	19 871 594	18 376 019
Machinery for mining, quarrying and construction and parts therefor	11 133 183	12 217 040
Semi-finished products (e.g. castings) of basic iron and steel, including stainless steel	10 415 715	7 510 776
Bars and rods of iron and alloy steel, including stainless steel	6 618 772	6 646 928
Other general purpose machinery and parts therefor	5 975 471	6 176 317
Rolled, drawn and folded products of iron and alloy steel, including stainless steel	3 851 612	5 638 376
Metallic wastes and scraps	6 786 072	4 834 816
Iron ores and concentrates	3 483 153	4 521 044
Other special purpose machinery and parts therefor	2 652 097	4 378 042
Pumps, compressors, valves and parts therefor	5 502 256	3 272 946
Non-metallic wastes and scraps	1 104 994	3 269 764
Agricultural or forestry machinery and parts therefor	2 542 839	2 894 203
Coke oven products; refined petroleum products	1 646 028	2 510 221
Tubes, pipes and hollow profiles; tube or pipe fittings of iron and alloy steel, including stainless steel	2 398 667	2 276 149
Chemical minerals	747 283	2 094 501
Wire of iron and alloy steel, including stainless steel	2 836 452	2 021 693
Angles, shapes or sections of iron and alloy steel, including stainless steel	2 824 875	1 701 736
Non-metallic minerals	1 648 024	1 575 069
Machinery for food, beverage and tobacco processing and parts therefor	797 677	1 372 730
Plates, sheets, film, foil or strips of plastics	438 927	1 287 562
Paints, varnishes, artists' colours, ink, masterbatch and the like	2 028 797	1 225 767
Lifting and handling equipment and parts therefor	1 861 735	1 215 029
Weapons and ammunition and parts therefor	781 427	1 205 975
Semi-finished products of non-ferrous metals (e.g. castings, bars, rods, profiles)	912 633	1 161 281
Glass and glass products	1 234 290	1 124 079
Non-ferrous metals and articles thereof	1 415 447	1 069 846
Other fabricated metal products	860 348	754 268

¹ Revised figures.² Preliminary figures.

Table 16 – Purchases of raw materials for the metals, metal products, machinery and equipment division in 2017 and 2021 (concluded)

Description	2017 ¹	2021 ²
	R'000	R'000
Hardware metal products	619 644	742 925
Fasteners, springs and articles of wire	297 640	691 608
Machine tools and parts and accessories therefor	408 659	608 208
Bearings, gears, gearing and driving elements and parts therefor	2 191 160	497 612
Plastic products, excluding packaging	168 206	433 027
Other raw materials	18 944 553	31 333 922
Total	225 895 429	228 492 835

¹ Revised figures.

² Preliminary figures.

Table 17 – Purchases of raw materials for the electrical machinery and apparatus division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Copper, nickel, aluminium, lead, zinc or tin, unwrought	7 201 557	4 998 744
Insulated wire and cable; optical fibre cables	4 600 905	4 902 474
Electric motors, generators and transformers and parts therefor	3 635 840	3 937 845
Electricity distribution, protection and control apparatus and parts therefor	2 043 875	3 308 966
Electronic components	4 853 745	2 751 387
Accumulators, primary cells and primary batteries and parts therefor	2 214 007	935 843
Other electrical equipment and parts therefor	966 231	863 954
Polymers (plastics raw materials) (e.g. chips, powders, granules)	503 964	614 742
Flat-rolled, not further worked than hot or cold rolled of iron and alloy steel, including stainless steel	933 468	517 046
Tanks, casks, drums, cans, boxes and similar containers: stoppers, caps, lids	544 741	434 017
Semi-finished products of non-ferrous metals (e.g. castings, bars, rods, profiles)	461 003	327 581
Plastic products, excluding packaging	177 987	304 942
Other general purpose machinery and parts therefor	416 040	302 839
Wire of iron and alloy steel, including stainless steel	316 692	245 838
Synthetic resins	404 416	238 980
Plates, sheets, film, foil or strips of plastics	540 533	192 357
Other fabricated metal products	414 216	103 524
Fasteners, springs and articles of wire	165 765	50 530
Other raw materials	2 268 448	11 121 857
Total	32 663 433	36 153 466

¹ Revised figures.

² Preliminary figures.

Table 18 – Purchases of raw materials for the telecommunication, medical and optical equipment and watches and clocks division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Radio, television and other communication apparatus and parts and accessories therefor	5 520 882	5 205 250
Electronic components	2 714 872	3 019 091
Electronic valves and tubes and parts thereof	1 160 436	1 432 646
Plastic products, excluding packaging	924 717	1 010 676
Parts and accessories of medical, surgical and orthopaedic equipment and appliances	641 663	831 758
Parts and accessories for instruments and appliances for measuring, checking, testing and other purposes	1 143 116	538 160
Parts and accessories for optical instruments and equipment	323 537	487 797
Electric motors, generators and transformers and parts therefor	524 745	401 449
Other raw materials	5 621 218	2 523 408
Total	18 575 186	15 450 235

¹Revised figures.²Preliminary figures.

Table 19 – Purchases of raw materials for the transport equipment division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Motor vehicle parts and accessories (new), including new engines	137 417 807	152 110 895
Bodies for motor vehicles; trailers and semi-trailers; parts and accessories therefor	39 094 540	46 542 266
Precious metals	15 361 406	20 185 934
Other rolled, drawn or folded products of iron and alloy steel, including stainless steel	2 668 952	4 061 264
Other transport equipment and parts and accessories therefor	4 946 364	3 772 684
Parts and accessories of railway locomotives and rolling stock and parts therefor	19 398 631	3 769 882
Other chemical products	2 824 495	3 580 356
Flat-rolled, not further worked than hot or cold rolled of iron and alloy steel, including stainless steel	5 399 800	3 092 560
Plastic products, excluding packaging	2 504 918	2 659 959
Fasteners, springs and articles of wire	823 674	1 254 198
Angles, shapes or sections of iron and alloy steel, including stainless steel	1 487 370	1 197 803
Tubes, pipes and hollow profiles; tube or pipe fittings of iron and alloy steel, including stainless steel	1 256 267	1 153 728
Electric motors, generators and transformers and parts therefor	1 056 405	935 585
Copper, nickel, aluminium, lead, zinc or tin, unwrought	1 685 750	816 683
Primary products of iron and steel metallurgy (e.g. pig iron, ferro-alloys)	3 324 280	782 915
Fibreglass	1 326 068	710 109
Semi-finished products (e.g. castings) of basic iron and steel, including stainless steel	2 808 757	646 829
Hardware metal products	1 076 529	643 693
Other fabricated metal products	1 009 375	547 025
Semi-finished products of non-ferrous metals (e.g. castings, bars, rods, profiles)	752 506	424 237
Other raw materials	26 625 438	47 408 839
Total	272 849 332	296 297 444

¹ Revised figures.

² Preliminary figures.

Table 20 – Purchases of raw materials for the furniture, and other manufactured products and recycling division in 2017 and 2021

Description	2017 ¹	2021 ²
	R'000	R'000
Metallic wastes and scraps	10 882 709	13 028 270
Basic precious metals (e.g. gold, platinum, silver) or metals clad with precious metals	5 256 082	6 480 325
Unworked precious and semi-precious stones, including diamonds, but not industrial diamonds	8 343 097	6 413 007
Plastic products, excluding packaging	787 684	1 119 869
Boards and panels	491 678	1 098 490
Non-metallic wastes and scraps	1 237 774	901 846
Products of wood, cork, straw and other plaiting materials	287 007	229 812
Tanned or dressed leather; composition/synthetic leather	131 912	185 997
Polymers (plastics raw materials) (e.g. chips, powders, granules)	336 782	169 873
Other raw materials	22 374 985	21 425 613
Total	50 129 710	51 053 102

¹ Revised figures.

² Preliminary figures.

Explanatory notes

Background The results presented in this publication have been derived from the 2021 large sample survey of manufacturing. This is a periodic survey which measures economic activity in the manufacturing sector of the South African economy. The survey is based on a sample of private enterprises operating in the manufacturing industry.

This publication summarises the details of products of the manufacturing industry. Financial data are published in a separate report.

The sample was drawn from Stats SA's business register. The business register is mainly based on the value-added tax (VAT) database of the South African Revenue Service (SARS). Stats SA continuously updates its business register, based on units registered in the taxation system at SARS.

The last large sample survey of the manufacturing industry was conducted for the year 2017 (Reports No.: 30-02-03 (2017) and 30-02-04 (2017)).

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 2020 and 30 June 2021.

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. Table 21 presents the cut-off points for size groups.

Table 21 – Size groups for the manufacturing industry, 2021

Size group	Turnover
Large enterprises	Turnover > R357 000 000
Medium enterprises	R91 000 000 < turnover <= R357 000 000
Small enterprises	R35 000 000 < turnover <= R91 000 000
Micro enterprises	Turnover <= R35 000 000

Survey methodology and design The survey was conducted by post, email, telephone and personal visits.

A sample of approximately 11 400 enterprises was drawn using stratified simple random sampling. Enterprises were stratified using municipal district, SIC and size group. All large, medium and small enterprises are completely enumerated. Micro enterprises with more than one geographic location were fully selected. Business register turnover was used as the measure of size for stratification. A collection rate of 76,1% was achieved.

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.

Collection rate Collection rate = (number of collected questionnaires + number of out-of-scope and inactive (zero contributing) enterprises) / sample size *100.

Revisions to 2017 results Revisions were made to previous results due to new information obtained after publication.

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.

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.

Symbols and abbreviations	LSS	Large sample survey
	n.e.c.	Not elsewhere classified
	RSE	Relative standard error
	SARS	South African Revenue Service
	SE	Standard error
	SIC	Standard Industrial Classification of All Economic Activities
	SNA	System of National Accounts
	Stats SA	Statistics South Africa
	VAT	Value-added tax
0	Nil or less than half the final digit shown	