

MANUFACTURING PRODUCTION

COMMODITIES PRODUCED AUSTRALIA

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- For further information about these and related statistics, contact John Ridley on Sydney 02 9268 4541, or any ABS office shown on the back cover of this publication.

NOTES

ABOUT THIS ISSUE

This issue introduces a new commodity classification, based upon the Australian and New Zealand Standard Commodity Classification (ANZSCC) which was used in the previous (1993–94) issue of this publication. The classification covers the full range of manufacturing commodities produced and presents data at a broader level (in most cases) than for the 1993–94 collection. For more information, see paragraphs 4 and 5 of the Explanatory Notes.

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BACKGROUND

This publication presents the value of sales and transfers out of commodities manufactured in Australia, compiled from the 1995–96 manufacturing survey together with limited commodity statistics compiled from the 1994–95 manufacturing survey. Data on the quantity of commodities produced are no longer collected as part of the annual manufacturing collection. Data relating to quantities produced were last collected and published for the 1993–94 reference year.

For many of the products included in this publication, corresponding imports and exports data are available. For further information about the availability of these data, please contact Information Services on Canberra 02 6252 5400, or any ABS State office (refer to the back of this publication for contact details).

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DATA AS CONTAINED IN THIS PUBLICATION

The data contained in this publication have been adjusted for deficiencies in the number of businesses recorded on the Australian Bureau of Statistics (ABS) business register. The nature of these adjustments and the reasons for making them are described in paragraphs 21 and 22 of the Explanatory Notes.

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STATE DATA

Because of the nature of the sample design, State level production statistics are not available from the annual manufacturing collection. (However, State level production quantity data for a limited number of commodity items are available from ABS subannual production collections.)

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NEW PUBLICATION— *Manufacturing, Australia, 1997* (Cat. no. 8225.0)

The first issue of *Manufacturing, Australia* (Cat. no. 8225.0) is to be released shortly. It is a new compendium publication about manufacturing businesses, which will cover topics such as industry performance, employment and output levels, export activity, cost structures and profits.

In general, data will be presented by broad level of manufacturing industry with most tables presenting data for total manufacturing and its nine major subdivisions. Selected data will be presented in terms of constant prices as well as current prices. You will have access to historical as well as the most recent data and there will be analysis of and commentary on major trends. Order your copy of *Manufacturing, Australia, 1997* (Cat. no. 8225.0) by phoning 1300 366 323.

W. McLennan
Australian Statistician

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Meat and meat products		
Bacon and ham		
Canned	n.p.	n.p.
Not canned	516 757	549 460
Blood meal (milled or screened dried blood) for use as stock or poultry feed	n.a.	25 245
Casings, bungs, weasands and runners (including gut materials for further processing)	n.a.	66 751
Edible offals (excluding poultry offals)	199 895	165 555
Inedible meat or meat offal flours, meals and pellets; greaves	n.a.	126 575
Lard, rendered	n.a.	n.p.
Meat for human consumption		
Fresh, chilled or frozen		
Bovine	n.a.	3 252 135
Sheep	n.a.	1 024 594
Pig	n.a.	215 693
Other animal	n.a.	*47 459
Canned, smoked, salted or dried		
Bovine		
Smoked, salted or dried	n.a.	*7 025
Canned	n.p.	n.p.
Other	n.a.	*24 759
Other animal (excluding pig meat)	n.a.	n.p.
Edible meat flours, meals, extracts and juices	n.a.	n.p.
Meat, fresh, other than for human consumption (kangaroo or horse)	n.a.	n.p.
Poultry and poultry products (excluding canned)		
Whole	n.a.	642 619
Cut in pieces	n.a.	965 988
Offal	n.a.	*20 732
Smallgoods (e.g. crumbed lamb cutlets, salami, frankfurter, sausages, etc.)		
Canned	n.p.	**13 129
Not canned	473 535	579 160
Snails (excluding sea snails) and frogs' legs	n.a.	—
Tallow (excluding refined)		
Edible	55 646	57 215
Inedible and other unrefined animal oils and fats	200 730	158 642
Other animal products, n.e.c. (excluding raw hides and skins, poultry, pig meats or smallgoods)	n.a.	10 874
Milk and milk products		
Butter	209 425	280 554
Butter oil	n.p.	133 832
Buttermilk (excluding cultured) and skim milk (excluding liquid skim milk)	533 015	448 391
Calf food of processed milk products	n.a.	n.p.
Cheese and curd	1 362 883	1 277 950
Cream (including thickened)(excluding sour cream and whey cream), not concentrated or sweetened	141 913	178 845
Fats and oils derived from milk; casein	n.a.	n.p.
Flavoured whole milk drinks	n.a.	223 102
Ice cream and frozen confections	572 613	627 852
Lactose or lactose syrup	n.a.	9 131
Liquid skim milk, not concentrated or sweetened	724 426	1 918 275
Liquid whole milk		
Graded, tested or chilled		
Other (including pasteurised milk), not concentrated or sweetened	n.a.	
Milk and cream, concentrated or sweetened	n.a.	29 921
Milk based food preparations (including malt extracts and milk based mixes)	n.a.	537 673
Sour cream, yoghurt and other cultured milk products	391 516	413 608
Whey and whey cream	82 665	48 507
Products consisting of natural milk constituents, n.e.c.	n.a.	214 209

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Fruit and vegetable products		
Dried roots, tubers and vegetables	n.a.	—
Flour and meal		
Of dried leguminous vegetables	n.a.	—
Of potato	n.a.	—
Fruit		
Dried (excluding sun-dried)	n.a.	106 891
Frozen	n.a.	} 28 960
Jellies, puree and paste (including apple sauce)	n.a.	
Fruit or fruit peel otherwise prepared or preserved (excluding dried, crystallised, drained or glace)	n.a.	370 688
Fruit juices		
Single strength	} 491 653	270 824
Reconstituted single strength		452 526
Concentrated	196 159	98 542
Health, invalid or baby preparations, fruit and vegetable based	n.a.	n.p.
Jams	122 383	140 096
Mixed meat and vegetables, canned	n.a.	*33 842
Pasta products, canned	n.a.	36 179
Pickles and chutney	(a)	15 522
Sauces (excluding worcestershire and apple); vinegar (excluding wine vinegar)	n.a.	235 051
Soup and homogenised food preparations including fruit, vegetables, meat or composites thereof	n.a.	n.p.
Tomato pulp, puree and paste	n.a.	66 631
Vegetables		
Frozen	363 933	538 844
Otherwise prepared or preserved (including dried or shelled)	(a)418 236	319 633
Vegetable juices		
Tomato	n.a.	} 32 654
Other (including mixtures of vegetable and fruit juices)	n.a.	
Vegetable salads, fresh, in plastic containers	n.a.	n.p.
Fat and oil products		
Acid oils from refining animal or vegetable oils	n.a.	3 675
Cotton linters	n.a.	—
Crude oils from vegetable seed (including soya bean, cotton seed, peanut, sunflower, safflower, rape seed and coconut)	n.a.	24 963
Degras; residues resulting from the treatment of fatty substances, or animal or vegetable waxes	n.a.	—
Margarine	n.p.	274 404
Oil-cake and other solid residues resulting from the extraction of vegetable fats or oils; flours, meals and cakes of oil seeds (excluding mustard) or oleaginous fruits	n.a.	12 280
Refined and processed animal or vegetable oils and fats (including tallow; excluding neatsfoot, wool grease and lanolin)	n.a.	n.p.

(a) Pickles and chutney are included with Vegetables, prepared or preserved (including dried or shelled) other than frozen.

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Flour and cereal products		
Baking powders, prepared	n.a.	101 604
Bran, of wheat, for human consumption (excluding for breakfast food)	n.a.	**24 408
Cereal foods (including breakfast foods)	n.a.	669 300
Cereal (excluding rice) groats, meals and pellets for human consumption; cereal germs	n.a.	*23 257
Flour		
Wheat (excluding self-raising)	752 942	777 701
Self-raising	*23 858	} 32 205
Other cereal flours	n.a.	
Flour mill products for human consumption, n.e.c.	n.a.	46 528
Glucose, glucose syrup (including dextrose) and modified starches (including dextrans)	73 938	74 475
Jelly crystals; custard powder	**11 841	*27 927
Mixes and doughs for preparation of bakers' wares	n.a.	170 241
Pasta (excluding canned)	213 543	347 171
Rice		
Semi-milled or wholly milled (including broken)	n.a.	n.p.
Husked but not further prepared	n.a.	—
Groats, meals and pellets	n.a.	n.p.
Bran, sharps and other residues	n.a.	n.p.
Starches of wheat, corn, potato, manioc and other starches	n.a.	174 627
Tapioca	n.a.	—
Wheat gluten	*136 294	106 186
Other worked cereal grains	n.a.	n.p.
Baked products		
Bread (excluding unleavened) and bread rolls	1 154 415	1 258 972
Biscuits and biscuit crumbs; rusks; ice cream cones, waffles and wafers; unleavened bread	856 358	822 056
Cakes, pastries and crumpets	n.a.	583 516
Meat pies	n.a.	327 522
Sugar and confectionery products		
Cocoa beans, roasted	n.a.	—
Cocoa paste, powder, butter, fat or oil	n.a.	—
Confectionery		
Chocolate (excluding chocolate coated biscuits and white chocolate)	828 675	761 772
Other (including chewing gum, white chocolate and other confectionery not containing cocoa)	294 612	380 356
Other food preparations containing cocoa	n.a.	*110 318
Fruit or fruit peel, crystallised, drained or glaze	n.a.	**19 706
Nuts, crystallised, drained or glaze	n.a.	n.p.
Sugar		
Raw	1 939 573	2 087 945
Liquid refined sugar, golden syrup and artificial honey	n.a.	70 922
Icing sugar and molasses (including treacle)	67 468	119 296
Refined, in solid form (including brown sugar) (excluding icing sugar)	n.a.	454 719
Other	n.a.	*19 439
Starch and sugar products, n.e.c.	n.a.	**30 465

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Fish and marine products		
Extracts and juices of fish, crustaceans, molluscs or other aquatic invertebrates (including abalone)	n.a.	—
Fish		
Canned	**113 626	*144 639
Frozen (including fish fillets and fish meat)	n.a.	*150 360
Otherwise prepared and preserved (including fish fingers; caviar; fish loaf, cake, balls and paste; smoked fish)	n.a.	83 166
Rock lobster and crayfish (including tails)		
Chilled	n.a.	*217 481
Frozen (including boiled and frozen)	n.a.	*160 537
Molluscs and other crustaceans chilled	n.a.	—
Crustaceans dried or salted	n.a.	—
Other crustaceans frozen	n.a.	n.p.
Molluscs and aquatic invertebrates (including abalone), frozen, dried, salted or in brine	n.a.	**217 708
Crustaceans, molluscs and aquatic invertebrates (including abalone), otherwise prepared (including cooked, canned, bottled, crumbed or battered)	n.a.	*67 164
Inedible flours, meals, pellets and other products, n.e.c., of fish, crustaceans and molluscs or other aquatic invertebrates (including abalone)	n.a.	**1 603
Animal feed products		
Bran, sharps and other residues (excluding rice, wheat and rye), for animal feed	n.a.	*27 283
Cereal groats, meals, pellets and other cereal products, n.e.c., other than for human consumption	n.a.	*153 448
Dog and cat food		
Canned	n.p.	459 235
Other	n.p.	328 358
Prepared animal and bird feeds, n.e.c. (include poultry pellets, crumbles and mash)	n.a.	1 221 279
Other food products		
Apricot, peach or plum stones and kernels	n.a.	—
Bakers' wares, n.e.c. (including pretzels, frozen pizzas and pies)(excluding meat pies and bread)	n.a.	*90 998
Coffee and tea, including substitutes	n.a.	398 307
Flavouring essences		
Domestic	48 708	*28 659
Industrial	n.a.	125 733
Health, invalid or baby preparations (excluding those based on milk, fruit or vegetables)	n.a.	n.p.
Ice	**8 039	n.p.
Mayonnaise and salad dressing	n.a.	91 940
Meat pastes	n.p.	*39 927
Mixed condiments and seasonings	n.a.	*53 984
Refined salt		
Cooking and table	n.a.	n.p.
Other	n.a.	n.p.
Mustard	n.a.	*16 672
Nuts, roasted	n.a.	*123 407
Peanut butter and other nut butters, pastes and purees	n.a.	*48 832
Potato crisps and flakes	n.a.	n.p.
Prepared meals (including TV dinners), containing meat or meat offal	n.a.	491 728
Spices	*41 537	*48 770
Worcestershire sauce	n.a.	*5 550
Yeast and yeast extracts	*67 926	*57 685
Other food preparations	n.a.	179 968

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Beverages and malt		
Beer, ale and stout		
Bottled	2 407 679	2 481 888
Canned		
Bulk		
Malt (excluding malt extract)		
Cider, perry, mead and wine-based mixed drinks (coolers)	(a)	90 421
Cordials and syrups; powder flavours for soft drinks; concentrated cordial extracts	n.a.	210 889
Mineral waters (natural and artificial) and aerated waters		
Sweetened or flavoured		
Canned	557 568	551 707
Bottled	945 210	990 889
Other than sweetened or flavoured	n.a.	33 748
Natural water, n.e.c.	n.a.	36 368
Sweetened or flavoured bulk premix and postmix concentrates for mineral and aerated waters; non-alcoholic beverages, n.e.c.	n.a.	n.p.
Vinegar, from wine	n.a.	1 903
Whisky, brandy, rum, gin and fortified spirits	n.a.	70 740
Wine		
Vermouth, fortified beverage wines and distillation wine	(a) 1 511 466	27 012
Sparkling wines and other beverage wines of fresh grapes		
Other distilled alcoholic beverages (including liqueurs and spirit-based mixed drinks)	n.a.	46 257
Tobacco and tobacco products		
Cigarettes, cigars, cheroots and tobacco	921 309	866 712

(a) Cider, perry, mead and wine-based mixed drinks (coolers) are included with Vermouth, fortified beverage wines and distillation wine and Sparkling wines and other beverage wines of fresh grapes.

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Fabrics, textiles and fibres		
Scoured wool, carbonised wool and tops		
Scoured wool (degreased but not carded, combed or carbonised)	154 236	57 298
Carbonised wool, not carded or combed		
Wool tops	n.a.	*296 396
Wool grease and fatty substances derived from wool grease (including lanolin)	n.a.	*2 719
Noils of wool or fine animal hair	n.p.	*4 489
Yarn and threads		
Sewing thread		
Of artificial filament or staple fibres		—
Of synthetic fibres (excluding elastic or elastomeric)	**1 843	n.p.
Synthetic or man-made filament tow; synthetic staple fibres for spinning; synthetic monofilament and strip	n.a.	*48 878
Yarn		
Elastomeric		
Of artificial filament or staple fibres	n.a.	**8 349
Of cotton, wool, or fine animal hair (containing polyurethane or similar thread; not containing rubber thread)	n.a.	n.p.
Textured, of or predominantly of artificial fibres; high tenacity elastomeric filament tow (excluding sewing thread and multiple or cabled yarn)	n.a.	**18 905
Other than elastomeric (textured, of nylon or other polyamides)	n.a.	n.p.
Metallised	n.a.	n.p.
Gimped, chenille and loop-wade	n.p.	—
Glass fibre	n.a.	n.p.
Other synthetic or artificial filament yarn	n.a.	n.p.
Woollen or worsted yarn	n.a.	117 510
Yarn and thread (other than elastic or elastomeric) of natural fibres, other than wool or fine animal hair	n.a.	123 849
Man-made textile staple fibres processed for spinning	n.a.	n.p.
Natural textile fibres prepared for spinning, n.e.c.	n.a.	n.p.
Broadwoven fabrics		
Pile and chenille fabrics		
Of man-made fibres	n.a.	—
Of cotton (other than narrow); terry towelling and similar woven terry fabrics	n.a.	*93 772
Other than pile and chenille fabrics		
Of artificial filaments or artificial staple fibres	n.a.	*24 080
Of synthetic filaments		
Containing 85% or more synthetic filaments	n.a.	35 769
Containing less than 85% synthetic filaments	n.a.	**54 583
Of staple synthetic fibres		
Containing 85% or more synthetic fibres	n.a.	97 795
Containing less than 85% synthetic fibres	n.a.	251 690
Of metal thread and metallised yarn, n.e.c.	n.a.	—
Baby napkins of textile fabrics	n.a.	n.p.
Towels (including tea towels) and face washers of cotton terry towelling or similar cotton terry fabrics	n.a.	98 157
Tufted textile fabrics	n.a.	—
Woollen, worsted or of fine animal hair (excluding elastic)		
Pile and chenille	n.a.	**52 766
Other	n.a.	80 525
Of glass fibre or textile materials (other than cotton)	n.a.	n.p.
Other broadwoven fabrics		
Of cotton (excluding narrow)	n.a.	129 262
Of natural fibres other than cotton (excluding special fibres)	n.a.	n.p.

	Sales and transfers out.....	
	1994-95	1995-96
Commodity description	\$'000	\$'000
<hr/>		
Fabrics, textiles and fibres <i>continued</i>		
Other textile products		
Blankets and travelling rugs (excluding electric)		
Woollen or fine animal hair	n.a.	*23 950
Other	n.a.	*16 733
Blinds and awnings of textile material		
Canvas and other cotton fabric	*193 236	168 786
Other	n.a.	*76 653
Curtains in the piece (including continuous), knitted or crocheted	33 838	n.p.
Knitted or crocheted fabrics		
Pile fabrics (excluding elastic or elastomeric)	n.a.	*49 390
Tufted textile fabrics	n.a.	n.p.
Other (including warp, weft, elastic or elastomeric)	n.a.	392 854
Other knitted articles, n.e.c. (including bed linen and table linen) from fabric knitted at the same establishment	n.a.	122 389
Narrow woven textile fabrics (including tape; excluding bias binding); tyre cord fabric of high tenacity yarn	n.a.	n.p.
Quilted textile products; textile hosepiping and similar textile tubing; bias binding narrow fabrics; non-wovens (bonded fibre and yarn fabrics); textile transmission or conveyor belts and belting; textile wicks	n.a.	*110 259
Table linen, woven (excluding cotton)	n.a.	n.p.
Textile fabrics (excluding tyre cord) impregnated, coated, covered or laminated with plastics	n.a.	n.p.
Textile interior furnishing articles		
Woven (excluding blinds, bedspreads, lampshades and floor coverings)	n.a.	*60 216
Other (including table linen, n.e.c., and bed linen; excluding curtains, floor coverings and similar woven articles)	n.a.	
Textile tarpaulins (including canvas), sails, tents, annexes, pneumatic mattresses and motor vehicle covers	n.a.	165 603
Textile life jackets, life-belts, sleeping bags and other made-up textile products, n.e.c.	n.a.	*27 102
Textile wall coverings	n.a.	n.p.
Underfelt and other felt products (excluding floor coverings, headwear and clothing)	n.a.	n.p.
Textile floor coverings		
Carpets and other textile floor coverings (including mats and matting)		
Of coir, sisal and other hard fibres	n.a.	—
Of wool or fine animal hair	n.a.	196 012
Of nylon or other polyamides	n.a.	294 160
Of felt or needleloom felt (excluding underfelt)	n.a.	*42 580
Of other textile material	n.a.	
Other textile products		
Articles of bonded fibre or yarn fabrics (excluding labels and badges) and other made up textile articles (e.g. tapestries, parachutes)	n.a.	**49 722
Bags, sacks and packets, textile or canvas	**35 040	**31 600
Floor-cloths, dishcloths, dusters and similar cleaning cloths	n.a.	**9 958
Textile labels and badges		
With woven lettering or design	**30 643	*89 034
With printed lettering or design	96 318	
Lace or embroidery in the piece, strips or motifs; tulle; wadding (excluding cellulose, surgical or medical); other textiles, n.e.c.	n.a.	*54 622
Powder puffs and pads	n.a.	n.p.
Rope and cable (excluding wire), cordage (excluding tyre cord yarn), twine or net products	*75 055	*80 519
Surgical or medical wadding, cotton wool, gauze and bandages	n.a.	n.p.
Textile braids, tassels and pompoms	n.a.	n.p.

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Other textile products <i>continued</i>		
Textile fabrics (other than rubber or plastic coated) and textile articles (other than bags) of a kind commonly used in machinery or plant	n.a.	—
Special fabrics, n.e.c.	n.a.	*89 122
Footwear		
Footwear with uppers and outer soles of rubber or plastic (including waterproof footwear; excluding thongs and sports footwear)		
Men's footwear	40 702	n.p.
Women's footwear	41 598	n.p.
Children's footwear	2 780	n.p.
Footwear with uppers of leather and outer soles of rubber or plastic (excluding sports footwear)		
Men's footwear	108 804	174 301
Women's footwear	146 778	123 381
Children's footwear	52 493	*50 578
Footwear with uppers of leather and outer soles of leather or composition leather (excluding sports footwear)		
Men's footwear	75 718	20 475
Women's footwear	61 244	*102 534
Children's footwear	**1 737	n.p.
Sports footwear and rubber thongs	n.p.	n.p.
Footwear, n.e.c.	n.a.	37 598
Plastic heels	**7 643	n.p.
Soles of or cut from rubber or rubber composition, and other parts of footwear, n.e.c.	n.a.	**11 277
Leather and leather products		
Chamois leathers	**76	—
Raw hides and skins		
Pickled or otherwise preserved	n.a.	64 868
Other than preserved		
Bovine	452 779	*417 117
Other animal	124 830	120 469
Handbags, suitcases, bags, travel sets for personal toilet articles, purses, key cases, wallets and billfolds, vanity cases, brief cases, school satchels, spectacle cases and other personal articles n.e.c., of leather	n.a.	*79 812
Leather		
Chrome tanned (including re-tanned, dressed or finished)		
Grain (excluding upholstery, suede and lining)		
Calf and yearling	} 292 193	256 295
Other		
Upholstery	} *195 458	297 947
Other (including suede, lining and dressed splints)		
Vegetable tanned (including re-tanned, dressed or finished)	} **96 042	**20 880
Other (excluding dressed or finished)		
Saddlery and harness, of any material	*22 679	**29 494
Tanned or dressed skins with hair or wool retained (including sheepskin rugs)	n.a.	*50 907
Leather articles (including those for technical uses), n.e.c.	n.a.	**9 670

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Men's and boys' clothing		
Coats, blazers and jackets (excluding leather, plastic, rubber or waterproof)	71 707	59 998
Dustcoats and overalls	44 184	50 217
Outer nightwear (including dressing gowns and robes)	n.p.	***1 563
Pullovers, jumpers, sweaters, cardigans, sweat shirts and sloppy joes, knitted or crocheted	n.a.	58 954
Shirts		
Knitted (with collar)	*145 964	**55 923
Woven (with collar)	*72 849	*174 857
Industrial work shirts	53 942	*34 539
T-shirts and tank tops	n.p.	*107 702
Sleepwear		
Knitted	n.p.	**1 765
Woven	n.p.	*5 127
Suits or uniforms, complete (including trousers for suits and uniforms)	n.a.	**121 901
Swimwear		
Knitted or crocheted fabric	n.a.	***46
Woven fabric	n.a.	**24 217
Textile fabric capes, cloaks, ensembles and breeches (excluding knitted)	n.a.	—
Trousers (excluding trousers for suits or uniforms) and shorts		
Jeans	*142 555	*99 502
Other (excluding jeans)	n.a.	160 717
Underwear (including spencers and singlets)	91 471	161 791
Women's and girls' clothing		
Foundation garments (including brassieres, corsets and girdles)	n.a.	*71 222
Outer nightwear (including dressing gowns and robes)	*7 720	*22 709
Pullovers, jumpers, sweaters, cardigans, sweat shirts and sloppy joes, knitted or crocheted	n.a.	*34 897
Sleepwear		
Knitted fabric	*45 413	*30 556
Woven fabric	*27 928	**43 225
Swimwear	n.a.	**33 513
T-shirts and tank tops		
Women's	105 519	91 044
Girls'	*11 491	*4 931
Other shirts and blouses		
Women's	226 424	**286 490
Girls'	*42 643	*5 359
Other clothing and garments (excluding leather, plastic, rubber, waterproof or fur)		
Coats, blazers and jackets, woven	n.a.	*76 206
Dresses, skirts, tunics and uniforms	274 093	*267 915
Jeans and overalls	42 676	75 609
Slacks and long trousers	n.a.	68 364
Shorts	n.a.	15 653
Suits and ensembles	116 750	88 727
Underwear (including spencers and singlets; excluding foundation garments)	219 646	211 180
Infants' clothing (AS 1182 – 1980, sizes 000 to 1)		
Pullovers, jumpers, sweaters, cardigans, sweat shirts and sloppy joes, knitted or crocheted	*6 275	**3 377
Swimwear	n.a.	**7 605
Knitted clothing and garments, n.e.c.	n.p.	*25 854
Woven clothing and garments, n.e.c.	**75 331	**7 487

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Other clothing and apparel		
Clothing, clothing accessories and other articles of fur (excluding headwear, footwear, handbags, purses and toys)		
Artificial fur	n.a.	—
Sheepskin and other than artificial fur	n.a.	—
Clothing of leather	**7 442	**4 107
Hats and other headgear (excluding safety, rubber or plastic)	n.a.	*67 560
Hosiery (including pantyhose, stockings, tights and socks)	260 439	224 201
Rubber clothing accessories (including belts)	n.a.	—
Safety headgear; belts for clothing (excluding plastic, leather or rubber); plastic clothing accessories (excluding belts and disposable gloves)	n.a.	n.p.
Sweatsuits, tracksuits, jogging suits, leisure suits and jumpsuits, knitted	n.a.	*186 408
Waterproof, plastic or rubber trousers, overalls, coats and jackets	n.a.	*39 911
Other plastic (unsupported film) clothing	n.a.	**5 633
Wetsuits and other rubber clothing, n.e.c. (including gloves; excluding headgear)	n.a.	**24 187
Other clothing and clothing accessories, n.e.c. (excluding eyewear)	n.a.	215 540

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Sawn logs and dressed timber		
Dressed timber and mouldings (excluding parquetry)		
Of a thickness up to and including 6mm	n.a.	*35 249
Of a thickness exceeding 6mm	n.a.	776 280
Railway or tramway sleepers, wooden, impregnated	n.a.	10 646
Woodchips		
Hardwood	456 993	391 626
Softwood	79 890	78 429
Undressed sawn timber (including treated) from logs		
sawn by the same establishment (excluding impregnated		
railway sleepers or resawn timber)		
Hardwood	n.a.	548 560
Softwood (non-pored timbers)	n.a.	279 944
Resawn or seasoned timber (including kiln dried) from		
timber already sawn by another establishment (excluding		
sleepers, palings and shingles)	n.a.	*117 898
Shooks (not assembled into articles)	n.a.	—
Treated wood in the rough (excluding sawn timber,		
dressed or undressed)	n.a.	36 895
Ground bark	n.a.	**23 151
Wooden furniture and upholstered seats		
Complete and assembled wooden or predominantly		
wooden furniture (excluding seating or custom made		
built-in furniture)		
Domestic furniture		
Dining and kitchen tables, buffets,		
sideboards and wall units	230 664	*215 822
Kitchen (excluding tables)	n.a.	**239 290
Bedroom	n.a.	**393 033
Other	n.a.	*132 650
Office furniture	287 459	***263 254
Other non-domestic furniture	258 952	*230 476
Complete and assembled domestic lounges and chairs		
(excluding bean bags, infant car seats or footstools)		
Lounge (including ottomans, sofa beds, divans)	412 278	**308 167
Dining and kitchen chairs	57 705	***35 550
Outdoor (e.g. verandah and patio seating)	n.a.	***30 053
Other	n.a.	**24 027
Unassembled or partly assembled wooden furniture or		
shelving, and parts	n.a.	**32 822
Other wood products		
Cellular wood panels	n.a.	—
Densified wood (in blocks, plates, strips or profile shapes)	n.a.	n.p.
Fibreboard (excluding fibre paperboard and particle board)	200 710	217 263
Moulding boxes and patterns; mould bases; moulds for		
metal (excluding ingot moulds), metal carbides, glass,		
mineral materials, rubber or plastics	n.a.	***478
Particle board and similar board of woody materials		
Laminated		
Decorated melamine or DAP laminates		
Simply bonded by means of an adhesive	546 932	347 964
Other		
Other (e.g. laminated with vinyl, metal foil, etc.;	**104 759	**55 904
excluding boards veneered with timber)		
Not laminated	n.a.	62 828
Other boards manufactured from wood, n.e.c.	n.a.	n.p.
Parquetry strips, etc., assembled into panels;		
shingles and shakes	n.a.	n.p.
Plywood (including veneered panels and similar laminated		
wood exceeding 6mm thickness)	n.a.	131 117
Smoking pipes and cigar or cigarette holders (including		
parts); roughly shaped blocks of wood for the		
manufacture of smoking pipes	n.a.	—

	Sales and transfers out.....	
	1994-95	1995-96
Commodity description	\$'000	\$'000
<hr/>		
Other wood products <i>continued</i>		
Veneer sheets	n.a.	*43 263
Wooden doors		
Fire doors	n.a.	**90 591
Other	n.a.	202 675
Wooden roof trusses	*332 539	*392 152
Wooden wall frames	*180 149	*325 121
Wooden window frames	*138 989	160 159
Builders' joinery and carpentry, n.e.c.	404 993	737 795
Wooden pallets, cases, boxes, crates, drums (including cable-drums), casks, barrels, vats and tubs	n.a.	*168 273
Wooden frames (including frames for paintings, photographs and mirrors)	266 753	**121 718
Wood wool and wood flour	n.a.	1 117
Other boards, blocks and similar articles of vegetable fibre, straw or wood waste agglomerated with mineral binders (exclude boards manufactured from wood)	n.a.	—
Other products of wood, n.e.c.; articles of cork, plaiting materials and straw (including wooden tools, tool bodies, tool handles, boot or shoe lasts and trees); natural or agglomerated cork articles (excluding gaskets for motor vehicles)	n.a.	*129 199
Pulp, paper and paper products		
Festival, carnival or other entertainment articles of paper (including conjuring tricks, novelty jokes and Christmas tree decorations; excluding board games)	n.a.	—
Paper		
Copying paper (excluding carbon paper), duplicating stencils and offset plates of paper	n.a.	791 836
Newsprint		
Paper stock (including toilet paper stock, facial tissue stock and similar paper stock used for household or sanitary purposes)		
Facial tissues	109 018	92 349
Paper towels (excluding sanitary) and serviettes	70 459	67 286
Toilet paper cut to size, in sheets or in perforated rolls	309 244	277 401
Other paper for household or sanitary purposes	40 512	38 113
Other paper and paperboard (excluding tarred, bituminised or asphalted)		
Coated, impregnated, covered, surface-coloured, surface-decorated or printed	n.a.	1 461 128
Uncoated, corrugated, crinkled, embossed, glazed, transparent or translucent (including writing, printing and graphic)(excluding tissue stock); filter paper or paperboard; paper pulp filter blocks, slabs and plates; composite paper and paperboard, not surface-coated or impregnated		
Paperboard containers		
Corrugated	n.a.	1 579 447
Solid paperboard containers, sacks and bags	n.a.	391 332
Other paper sacks, bags, cartons and boxes (including paper multiwall bags; excluding cones)	n.a.	228 745
Paper and paperboard trays, dishes, plates and cups, cones, egg containers of paper, fruit wrapping pads, record sleeves, box files and similar articles	n.a.	*47 846
Plastic-coated paper and paperboard in rolls or sheets; pressure sensitive, gummed or adhesive paper or paperboard	n.a.	***764
Other paper, paper pulp or paperboard products (including wallpaper and liquid-activated gummed or adhesive paper)	n.a.	200 989
Residual lyes from wood pulp (excluding tall oil)	—	—
Wood pulp		
Chemical	n.p.	n.p.
Semi-chemical	n.p.	n.p.
Mechanical	n.p.	—

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
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Printed material and stationery (excluding commission printing)		
Board games	n.a.	n.p.
Envelopes	171 135	165 713
Exercise books, writing pads, register account books, loose leaf refills, diaries, notepads, albums, file and book covers and other stationery	n.a.	*197 077
Letter cards, plain postcards and correspondence cards (excluding printed or illustrated); boxes, parcels, wallets and writing compendiums of paper or paperboard	24 150	*72 122
Printed or illustrated postcards; printed cards bearing personal greetings or messages	179 376	126 025
Printed or imprinted paper or paperboard labels	n.a.	584 005
Security printed material (including stamps, cheque books, banknotes, share documents and airline tickets)	38 288	135 763
Services to printing		
Prepared printing plates, blocks and cylinders used to produce printed material (including composed type, impressed lithographic stones or other impressed media for use in printing)	415 426	*318 113
Published and/or printed products (including commission printing)		
Books		
Printed but not published by the establishment	n.a.	*548 017
Published but not printed by the establishment	431 786	452 060
Published and printed by the establishment	171 112	118 814
Journals and periodicals		
Printed but not published by the establishment	n.a.	379 786
Published but not printed by the establishment	n.a.	772 488
Published and printed by the establishment	n.a.	79 392
Maps, charts, plans and sheet music (excluding atlases and touring guides in book form)		
Printed but not published by the establishment	n.a.	**2 795
Published but not printed by the establishment	*10 460	**10 097
Published and printed by the establishment		—
Newspapers		
Printed but not published by the establishment	325 255	302 655
Published but not printed by the establishment	132 832	130 347
Published and printed by the establishment	947 428	876 998
Other printed articles (e.g. art prints) published by the establishment	*116 512	*105 764
Plans and drawings for architectural, engineering, industrial, commercial, topographical or similar services, being originals drawn by hand; hand-written texts (including photographic reproductions and carbon copies)		
	n.a.	*136 814
Trade advertising material or commercial catalogues; printed pictures, designs and photographs; business forms; calendars; transfers (decalcomanias) and other printed matter, n.e.c.		
	n.a.	3 304 455
Recorded media		
Compact discs	*45 988	*398 352
Computer tapes or disks	*365 019	
Pre-recorded audio cassette tapes	*54 100	*48 238
Video tapes		*58 977
Other magnetic tapes	—	**23 071
Other recorded media	**2 072	*8 062

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Petroleum refining, petroleum and coal products		
Automotive petrol; refined or blended gasoline; motor spirit (including aviation spirit)	3 770 704	3 793 963
Benzole		
From petroleum	n.a.	—
Other	n.a.	n.p.
Bituminous mixtures and other articles of asphalt or similar materials	n.a.	187 966
Char (excluding bone char)	n.a.	n.p.
Dry cleaning fluid and other petroleum solvents	n.a.	n.p.
Gas or fuel oil (excluding motor spirit and kerosene)	1 577 781	n.p.
Kerosene (including kerosene type jet fuel)	682 504	n.p.
Light oils obtained as a by-product from metallurgical coke (excluding benzole, grease oils, toluole and xylene)	n.a.	—
Liquefied petroleum gas produced at refineries	237 228	239 126
Liquid or liquefied gas fuels in containers of a kind used for filling or refilling cigarette or similar lighters, of a capacity not exceeding 300 cc	n.a.	—
Lubricating and heavy petroleum oils and heavy oils from bituminous minerals (excluding crude)	n.a.	196 111
Metallurgical coke, coke breeze and retort carbon	n.a.	*97 358
Paper, composite paper and paperboard impregnated, covered or laminated with tar, bitumen or asphalt	n.a.	n.p.
Petroleum bitumen; residues of petroleum oils and bituminous minerals; petroleum coke	n.a.	*94 561
Petroleum jelly; paraffin wax and other mineral waxes	n.a.	
Pitch and pitch coke obtained from mineral tars	n.a.	n.p.
Tar		
Crude	n.a.	n.p.
Refined	n.a.	—
Topped or enriched crude oils and other refinery products for further processing	n.a.	n.p.
Fertilisers		
Ammonia aqua or urea, fertiliser grade; ammonium sulphate	} 153 016	168 958
Prilled ammonium nitrate		
Superphosphate and other phosphatic fertilisers	n.a.	390 591
Mixed fertilisers and other fertilisers, n.e.c.	n.a.	317 950
Ground phosphate	n.p.	—
Potassic fertilisers (excluding carnallite, sylvite and other crude natural potassium salts); nitrogenous fertilisers (excluding ammonium sulphate and prilled ammonium nitrate); animal or vegetable fertilisers (excluding mixtures)	n.a.	88 082
Synthetic resins		
Carbon black	n.a.	132 079
Plastics in primary forms		
Not mixed or compounded with any other substance (excluding regranulated scrap)		
Polyethylene	} 560 008	556 849
Polystyrene		
Polyvinyl chloride		
Polypropylene		
Polyvinyl acetate and synthetic resins, n.e.c. (excluding adhesives)	280 926	251 855
Mixed or compounded with other substances	393 886	377 865
Regranulated scrap of single thermoplastic material	**52 680	71 937
Synthetic rubber	90 974	155 641
Rosin and resin acids and derivatives thereof; rosin spirit and rosin oils; rosin gums	n.a.	*55 312

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Industrial gases and organic industrial chemicals		
Acyclic hydrocarbons		
Acetylene gas	464 012	470 969
Other (e.g. ethane, butane, ethylene, propylene)		
Carbon dioxide (including dry ice), carbon monoxide and nitrous oxide	20 795	32 011
Carboxylic (excluding salicylic acid and its salts and esters), monocarboxylic and polycarboxylic acids and their anhydrides, halides, peroxides and derivatives (excluding pharmaceutical products)	n.a.	—
Chloroform, carbon tetrachloride, vinyl chloride and other derivatives of hydrocarbons	n.a.	—
Cyclic hydrocarbons		
Benzene	n.a.	—
Styrene	n.a.	—
Other (e.g. cyclohexane, toluene and xylene)	n.a.	n.p.
Ethers (including esters of inorganic acids, their salts and derivatives), alcohol peroxides, ether peroxides, epoxides, acetals and hemiacetals and derivatives; aldehyde-, ketone- and quinone-function compounds	n.a.	197 614
Ethyl alcohol	n.a.	n.p.
Gas from coke works or blast furnaces	n.a.	—
Hydrogen, rare gases, nitrogen and oxygen	n.a.	203 591
Nitrogen-function compounds (excluding saccharin and urea, and pharmaceutical products)	n.a.	—
Organo-inorganic compounds; heterocyclic compounds n.e.c. (excluding pharmaceutical products)	n.a.	n.p.
Other alcohols, phenols, phenol-alcohols and derivatives; fatty acids (purity less than 90%)	n.a.	196 870
Other organic chemicals, n.e.c.	n.a.	88 857
Synthetic organic colouring matter and preparations (including colour lakes, dyes and pigments); organic tanning extracts and synthetic tanning materials; organic colouring matter and preparations of vegetable or animal origin	n.a.	202 395
Tall oil, turpentine (excluding mineral), wood tar or creosote, brewers' pitch; activated natural mineral products; animal black (including spent)	n.a.	n.p.
Toluole or xylene, not chemically or commercially pure	n.a.	—
Urea, other than fertiliser grades	n.a.	**12
Compound plasticisers for rubber or plastics, n.e.c.; anti-oxidising preparations and other compound stabilisers for rubber or plastics	n.a.	*10 041
Mixed alkylbenzenes and mixed alkyl-naphthalenes, n.e.c.; finishing agents and dye carriers (including dressings and mordants), n.e.c.; other chemical products and preparations	n.a.	*14 818
Inorganic industrial chemicals		
Acids		
Hydrochloric, chlorosulphuric, sulphuric, phosphoric and polyphosphoric acids, oleum, diphosphorous pentoxide	n.a.	112 079
Nitric and sulphonitric acids	n.a.	49 879
Other inorganic acids and inorganic oxygen compounds of non-metals (excluding industrial gases)	n.a.	*14 308
Ammonia, anhydrous or in aqueous solution (excluding fertiliser grade)	n.a.	n.p.
Ammonium chloride; nitrites and potassium nitrate; commercial and other ammonium carbonates	n.a.	—
Graphite, artificial; colloidal or semi-colloidal graphite; preparations based on graphite or other carbon in form of semi-manufactures	n.a.	—
Inorganic colouring matter (including inorganic products of a kind used as luminophores)	n.a.	*283 405
Inorganic tanning extracts of vegetable origin	n.a.	—
Nuclear reactor fuel elements (cartridges)	n.a.	—
Prepared pigments, opacifiers, colours, glazes of a kind used in the ceramic, enamelling or glass industries; glass in the form of powder, granules or flakes	n.a.	**31 475

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Inorganic industrial chemicals <i>continued</i>		
Radioactive elements, isotopes and compounds; alloys, dispersions, ceramic products and mixtures containing these elements, isotopes or compounds; radioactive residues	n.a.	—
Triammonium phosphate	—	—
Other inorganic industrial chemicals, n.e.c.	n.a.	549 619
Miscellaneous basic chemical products, n.e.c.	n.a.	164 227
Explosives		
Explosives, signalling flares, fireworks and other pyrotechnic articles	n.a.	687 271
Safety fuses, detonating fuses or caps	n.p.	
Matches	n.a.	—
Paints		
Paints, enamels and clears		
Architectural and decorative (including all paints and coatings for use on buildings and structures; excluding heavy duty coatings)	n.a.	737 493
Automotive (including primers, undercoats and finishing coats, lacquers and stains; excluding heavy duty coatings and bituminous mastics)	n.a.	180 568
Industrial (including primers, undercoats, finishing coats and heavy duty coatings)	n.a.	291 864
Other paints (including marine coatings) and other allied products (including thinners, wood stains, paint remover and varnish remover)	n.a.	143 299
Putty, filler, resin cements, caulking compound, plasters, renders, mastics and silicon sealants	n.a.	65 781
Rubbing compounds	n.a.	*590
Medical and pharmaceutical products		
Baby napkins (excluding textile), sanitary towels and tampons of paper or cellulose wadding	n.a.	414 917
Barrier creams and toilet lanolin; suncreening preparations	n.a.	32 996
Saccharin	n.a.	n.p.
Vaccines, serums, antibiotics, antitoxins and ointments for human use	n.a.	1 299 784
Vitamins for human use	226 284	189 032
Other pharmaceutical goods for human use (excluding wadding, gauze, bandages and surgical sutures)	n.a.	1 461 833
Animal feed supplements	n.a.	107 419
Other veterinary products	n.a.	125 575
Pesticides		
Pesticides, insecticides and fungicides (including seed dressings)	n.a.	509 877
Weed killers (herbicides), rat poison, soil fumigants and other agricultural and pastoral chemicals	n.a.	475 944
Soap and other detergents		
Anionic, cationic and other organic surface active agents (excluding soap)	n.a.	117 793
Candles and tapers	n.a.	*3 529
Detergents and washing preparations		
Fabric washing preparations	380 194	404 147
Dishwashing preparations	131 415	136 844
Soaking, rinsing or bleaching preparations (excluding hydrogen peroxide)	n.a.	65 360
Other	n.a.	79 368
Disinfectants (including phenyl)	64 599	65 983
Glycerol (glycerine), glycerol waters and lyes	n.a.	n.p.
Laundry bleach	29 256	34 112
Scouring preparations and abrasive cleaners	54 958	*45 514
Soap and soap based products	n.a.	72 253
Toothpaste and other dentifrices	118 690	133 261

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Cosmetic and toiletry preparations		
Aftershave and shaving preparations	12 949	17 759
Face and body moisturisers	81 762	85 324
Face powder and lotion (including foundation preparations)	28 081	43 104
Hair preparations		
Colouring preparations	57 089	52 403
Conditioners	87 733	99 848
Preparations for permanent waving or straightening of hair	11 872	12 975
Shampoo	132 027	132 371
Sprays (lacquers)	34 055	50 931
Other hairdressing preparations	26 985	30 787
Hand cream or lotions (excluding barrier cream and medicated cream); nail lacquers, varnishes, polishes and other nail care preparations	n.a.	30 805
Other beauty creams and lotions	29 219	*34 277
Make-up		
Eye make-up and mascara	15 371	15 925
Lipstick and other lip make-up	21 557	17 961
Perfumes and eaux de toilettes	28 363	51 814
Personal deodorants and anti-perspirants	95 338	87 282
Room deodorisers and air fresheners	48 613	29 616
Other cosmetic and beauty preparations, n.e.c. (including bath salts, talcum powder and depilatories; excluding medicaments)	n.a.	90 377
Inks		
Printing, writing and drawing inks	385 690	316 821
Other chemical products		
Adhesives (excluding bituminous) and glues	320 496	272 742
Gelatine (including derivatives)	n.p.	n.p.
Natural gums	n.a.	—
Surface cleaning and degreasing preparations (including oven and stove cleaners)	n.a.	*134 850
Waxes		
Insect waxes (excluding natural beeswax) and spermaceti	n.a.	—
Other vegetable waxes	n.a.	—
Other cleaning polishes, creams and waxes, n.e.c.	n.a.	86 540
Other chemical products, n.e.c.	n.a.	180 085
Rubber tyres		
New pneumatic rubber tyres		
For motor cars and motor cycles	n.p.	787 982
For buses and lorries	n.p.	
For other vehicles (e.g. tractors, aircraft and bicycles)	n.p.	
Pneumatic rubber tubes	22 743	
Retreaded pneumatic rubber tyres	n.a.	
Solid or cushion tyres, interchangeable tyre treads and tyre flaps	n.a.	—
Tread rubber		
Camel-back strips for retreading	n.p.	n.p.
Unvulcanised rubber strip (e.g. orbi-strip) for retreading	36 715	(a)103 055
Other rubber products		
Condoms	—	—
Inflatable rubber vessels (including rowing boats, canoes and rafts)	—	n.p.
Mattresses of, or stuffed with, rubber	n.a.	—
Rubber belting (including V-belts)	n.a.	(a)
Rubber gloves, mittens and mitts	*2 945	—

(a) Rubber belting (including V-belts) is included with Unvulcanised rubber strip (e.g. orbi-strip) for retreading.

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Other rubber products <i>continued</i>		
Rubber sheets, strips, plates, rods, profile shapes and primary forms (excluding sponge or foam)	n.a.	169 562
Rubber tubes, pipes and hoses		
With fittings (e.g. joints, elbows, flanges, etc.)	n.a.	**105 056
Without fittings		
Reinforced	n.a.	50 591
Not reinforced or otherwise combined with other materials	n.a.	**2 819
Sponge and foam rubber	**16 218	3 750
Other rubber hygienic or pharmaceutical rubber products (e.g. oxygen bags, teats, hot water bottles)	n.a.	**3 379
Wall or floor coverings of rubber	n.p.	50 453
Other rubber products (e.g. handles, bands, valves, etc.)	n.a.	157 527
Plastic blow moulded products		
Plastic bottles	471 734	659 493
Plastic extruded products		
Plastic conveyor belting	n.a.	*52 757
Plastic tubes, pipes and hoses	700 813	640 874
Plastic bags and films		
Flexible plastic plates, sheets, film, foil, strip and other flat shapes (excluding floor, wall and ceiling coverings, vulcanised fibre or plastic foam)		
Reinforced, laminated or supported with other materials	n.a.	349 101
Not reinforced, laminated or supported with other materials		
Of polymers of ethylene		
High density	n.a.	64 466
Low density	n.a.	220 159
Of polymers of propylene	n.a.	*82 816
Of polymers of vinyl chloride	n.a.	*63 792
Of other polymers (e.g. styrene, acrylic)	n.a.	126 615
Plastic sacks, packets and bags (including garbage bags)		
Of polyethylene	234 962	*445 104
Of polypropylene	*36 242	**52 176
Of regenerated cellulose	}	**76 528
Of other plastics (including multi-substrate)		
Self-adhesive plates, film, foil, tape, strip and other flat shapes, of plastics	112 966	81 029
Rigid fibre reinforced plastic products and plastic foam products		
Foam or expanded plastic plates, sheets and strip	n.a.	240 055
Other plastic foam products	n.a.	117 368
Rigid fibre reinforced plastic rods, sticks, profile shapes, sheeting, plates, boards and panels (excluding floor, wall or ceiling coverings, self-adhesive or plastic foam)		
Of polymers of ethylene	n.a.	*39 710
Of polymers of vinyl chloride	n.a.	**24 603
Of other polymers	n.a.	*159 689
Other semi-manufactured plastics, n.e.c.	n.a.	*63 126

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Plastic injection moulded products		
Artificial guts (sausage casings) of hardened protein or of cellulosic materials	n.a.	—
Boxes, crates, cases and similar containers, of plastic	109 491	*93 295
Builders' hardware, of plastic		
Plastic baths, washbasins, toilet cisterns and covers, and similar sanitary ware	95 527	91 248
Other	n.a.	*9 867
Fittings of plastic for tubes, pipes and hoses (including joints, elbows and flanges)	93 536	82 852
Floor, wall or ceiling coverings, of plastic		
Linoleum and other floor coverings on a base of textile	n.a.	n.p.
Plastic floor coverings on a base of paper or paperboard	n.a.	—
Plastic wall or ceiling coverings (excluding tiles)	n.a.	***536
Other plastic floor coverings or wall or ceiling tiles	n.a.	***2 893
Insulation fittings, of plastic, for electrical machines and appliances	**107 081	n.p.
Packaging and shipping containers of plastic, for liquids (including drums and drum lining, bottles, and jerry cans)	86 934	*34 000
Packaging accessories and components, of plastic		
Stoppers, lids, caps and other closures	126 404	93 249
Seals and seal rings	146 180	*92 892
Other		
Screening and netting, of plastic (including fibreglass)	57 708	38 125
Tableware, kitchenware and other household and toilet articles of plastic		
Buckets	17 466	n.p.
Disposable cups and tumblers for food and drink	*76 256	85 344
Garbage bins	n.a.	**171 642
Other	n.a.	**196 243
Taps, cocks, valves and similar attachments, of plastic	n.p.	*2 026
Other articles of plastic, n.e.c. (e.g. school or office supplies, fittings for furniture or coachwork)	n.a.	*106 328
Plastic injection moulded products (excluding plastic heels, and toys and games)		
Articles for tailors and dressmakers (including fasteners, studs, buttons and mannequins)	25 333	379 357
Other (e.g. vacuum flasks, hairpins, hair curlers)	n.a.	
Other plastic products, n.e.c.	n.a.	552 791

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Glass and glass products		
Float glass and surface ground or polished glass, cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent or reflecting layer, but otherwise unworked	n.a.	788 998
Glass containers, bottles or jars; glass stoppers and closures; glass inner for vacuum vessels	649 823	49 099
Glassware used for table, kitchen, toilet, office, indoor decoration or similar purposes (excluding bottles, jars, etc.)		
Rear-view mirrors for vehicles	n.a.	—
Safety glass (including windscreens and laminated sheet glass)	247 727	228 523
Other glassware (e.g. rods, beads, sheets, glass insulators, clock/watch glass, etc.)	**7 174	*61 049
Ceramics		
Ceramic roofing, flooring and wall tiles (including flags, pavers and hearth tiles)		
Unglazed	10 791	*31 716
Glazed		
Other ceramic construction goods (e.g. architectural ornaments, non-refractory ceramic pipes, conduits, guttering and pipe fittings)	60 846	*48 992
Ceramic tableware, kitchenware and other ceramic household and toilet articles		
Of porcelain or china	n.p.	*20 457
Of pottery	96 269	15 211
Ceramic wares for laboratory, chemical or other technical uses; troughs and tubs used in agriculture; pots and jars used for the conveyance or packing of goods; electrical insulators and fittings of ceramic materials	n.a.	47 276
Ceramic wash basins, sinks, baths, lavatory pans, toilet cisterns and similar sanitary ware	n.p.	95 435
Clay bricks (excluding refractory bricks)		
Standard size (length 230mm; width 110mm; height 76mm)	587 983	509 513
Non standard size		
For structural purposes	72 351	61 526
For other purposes (e.g. paving)	99 245	118 715
Refractory products (including bricks, cement and clay)		
Bricks, blocks, tiles and other ceramic goods of siliceous earths	*228 004	32 774
All other refractory products (e.g. retorts, crucibles, nozzles)		169 232
Statuettes and other ornamental ceramic articles (including pottery)	**8 945	*6 418
Terracotta roofing tiles	68 702	55 174

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Cement, lime, plaster, and concrete products		
Cement (including hydraulic and portland; excluding adhesive or refractory)		
Cement clinkers	n.p.	n.p.
Portland cement and blended portland cement	888 518	826 649
Articles of cement, concrete or artificial stone		
Blocks	198 513	154 103
Bricks	*61 161	*228 818
Concrete roofing tiles	353 636	253 039
Pipes; concrete box culverts	n.a.	263 382
Prefabricated structural components for building or civil engineering	522 541	495 224
Other concrete articles (including sinks, tanks, vats, monuments and ornamental goods)	n.a.	118 604
Articles of asbestos-cement and cellulose fibre-cement	n.a.	—
Concrete and mortar		
Ready mixed	1 867 376	1 793 106
Non-refractory	n.a.	n.p.
Exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials (including intermixtures)	n.a.	n.p.
Lime		
Hydraulic	n.a.	127 820
Other (including quick, hydrated, slaked and agricultural)	n.a.	*26 238
Plasters (including plaster of paris; excluding dental plasters)	n.a.	n.p.
Articles of plaster or of compositions based on plaster (including plasterboards, sheets, panels, tiles and similar articles (excluding ornamental); cornices, vents, mouldings and cornice adhesives based on plasters; other articles of plaster)	n.a.	519 629
Other cement, lime and plaster, n.e.c.	n.a.	n.p.
Minerals and mineral products		
Crushed slag	n.a.	n.p.
Glass fibre and glass wool products	241 954	197 932
Ground clays (including kaolin and bentonite; excluding colours); andalusite, kyanite and sillimanite; mullite; chamotte and dinas earths	n.a.	n.p.
Ground limestone	n.a.	n.p.
Ground mica; feldspar; leucite; nepheline and nepheline syenite; ural abrasives (including ground); crushed and powdered natural steatite; talc; emery; and pumice stone	n.a.	n.p.
Ground minerals and fluorspar (excluding abrasives and dust and powders of natural and synthetic precious or semi-precious stones)	n.a.	*129 474
Ground or otherwise worked industrial diamonds; dust and powder of natural and synthetic precious and semi-precious stones; worked synthetic or reconstituted precious stones	n.a.	—
Hand sharpening or polishing stones; natural or artificial abrasive powders or grain, on a base of textile material, paper, paperboard or of other materials; worked mica and articles of mica	n.a.	76 777
Millstones, grindstones, grinding wheels, cutting wheels and the like	n.a.	n.p.
Mineral wool and mineral wool products	n.p.	n.p.
Unworked synthetic or reconstructed precious or semi-precious stones	n.a.	—
Worked monumental or building stone	n.a.	153 387
Other minerals, n.e.c.	n.a.	26 721
Other non-metallic mineral products	n.a.	45 509

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Iron and steel		
Alloy steel flat-rolled products	n.p.	239 680
Basic iron (including flat iron and pig iron); iron or steel granules and powders	n.a.	(a)
Cast iron tubes, pipes and hollow profiles	n.a.	*93 155
Cast iron or cast steel steam, gas and water fittings (excluding domestic; including taps, cocks and valves)	n.a.	*94 025
Cast iron or cast steel tube or pipe fittings	n.a.	120 883
Ferro-alloys (including manganese, silicon or chrome)	n.p.	(a)258 425
Iron or non-alloy steel flat-rolled products		
Clad, plated or coated	n.p.	} (b)4 833 845
Other	n.p.	
Iron or steel bars, rods, angles, shapes and sections (including sheet piling)	1 998 287	2 003 083
Iron or steel chain (excluding articulated link chain)	n.a.	} *20 466
Iron or steel expanded metal	n.a.	
Iron or steel pieces roughly shaped by forging	n.a.	(a)
Iron or steel primary forms (including ingots) and semi-finished products	1 187 682	1 125 405
Iron or steel rails, fastenings or other rail accessories	156 861	123 561
Iron or steel tyres and wheels, forged, for railway or tramway locomotives and rolling stock	n.a.	n.p.
Iron or steel wire for further processing (excluding fencing, stranded or barbed)	n.a.	(c)
Painted, varnished or coated steel sheet, profile decking or cladding (including steel sheeting for fencing)	544 589	(b)
Other cast and forged articles of iron or steel	n.a.	452 584
Steel pipes and tubes		
Iron (excluding cast iron) or steel seamless tubes, pipes or hollow profiles (including line pipe, casing, tubing and drill pipe)	n.a.	353 676
Other iron or steel tubes, pipes, hollow profiles and fittings (excluding cast or seamless)	n.a.	(c)397 490
Steel (excluding cast) steam, gas and water fittings (excluding domestic; including taps, cocks and valves)	n.a.	*5 849
Basic non-ferrous metals		
Alumina	2 557 983	2 963 492
Primary and secondary recovery (excluding from purchased scrap) of non-ferrous metals		
Aluminium	n.a.	4 253 929
Copper (including brass)	} 2 181 312	1 270 782
Nickel		
Lead	n.a.	} 2 141 922
Silver and platinum	n.a.	
Zinc	n.a.	
Tin	n.a.	*7 393
Other basic precious metals	n.a.	110 784
Antimony and other basic non-ferrous metals	n.a.	n.p.

(a) Basic iron (including flat iron and pig iron); iron or steel granules and powders, and Iron or steel pieces roughly shaped by forging are included with Ferro-alloys (including manganese, silicon or chrome).

(b) Painted, varnished or coated steel sheet, profile decking or cladding (including steel sheeting for fencing) is included with Iron or non-alloy steel flat-rolled products.

(c) Iron or steel wire for further processing (excluding fencing, stranded or barbed) is included with Other iron or steel tubes, pipes, hollow profiles and fittings (excluding cast or seamless).

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Basic non-ferrous metals <i>continued</i>		
Secondary recovery of non-ferrous metals from		
purchased scrap		
Aluminium	186 464	285 792
Copper, brass, lead and zinc	n.a.	77 016
Nickel and tin	n.a.	—
Silver and platinum	n.a.	**12 000
Other basic precious metals	n.a.	n.p.
Antimony and other basic non-ferrous metals	n.a.	—
Zinc alloys; copper mattes; cement copper (precipitated copper); unwrought copper, nickel, aluminium, alumina, lead, zinc and tin, n.e.c.	n.a.	173 331
Other non-ferrous metal alloys	n.a.	
Non-ferrous basic metal products		
Aluminium and aluminium alloy bars, rods (including wire rod) and profiles (including decking and cladding)	271 546	429 481
Aluminium foil	125 390	184 363
Copper and copper alloy (including brass) bars, rods (including wire rod) and profiles		
Brass	416 038	711 072
Other		
Copper and copper alloy (including brass) wire (excluding stranded, braided or insulated)	n.a.	
Rolled, drawn or extruded aluminium pipes, tubes, plates, sheets, strip and wire products; aluminium powders and flakes	n.a.	610 523
Rolled, drawn or extruded semi-finished products		
Copper and copper alloy (including foil, tubes and pipes)	n.a.	*173 821
Nickel, nickel alloy, lead, zinc and tin	n.a.	**11 735
Silver and platinum	n.a.	—
Other (including alloys)	n.a.	*97 504
Semi-manufactures of tungsten, molybdenum, tantalum, magnesium, cobalt, cadmium, titanium, zirconium, beryllium, gallium, hafnium, indium, niobium, thenium or thallium	n.a.	*22 261
Powders, wastes and scrap of tungsten, molybdenum, tantalum, magnesium, cobalt, cadmium, titanium, zirconium, beryllium, gallium, hafnium, indium, niobium, thenium or thallium	n.a.	n.p.
Structural steel		
Fabricated and prefabricated constructional steel (including scaffolding, perforated steel plate, roof trusses, girders, joists and rafters)		
Rolled form structural framework	n.a.	857 423
Other	n.a.	660 608
Iron or steel bridges, bridge sections, towers and lattice masts	n.a.	(a)
Reinforcing steel rods or bars	535 074	329 885
Reinforcing welded steel mesh	379 936	346 206
Architectural aluminium products (except prefabricated buildings)		
Aluminium doors (including roller and concertina; excluding fire doors), windows (including glass); door and window frames; roller grilles		
Doors		
Domestic	n.a.	*225 562
Other	n.a.	*155 037
Windows		
Domestic	341 236	*255 466
Other	37 018	**123 499
Other	n.a.	68 431

(a) Iron or steel bridges, bridge sections, towers and lattice masts is included with Iron, steel or aluminium fire doors, on the following page.

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Architectural aluminium products (except prefabricated buildings) <i>continued</i>		
Aluminium combined door-window units	433 425	*558 528
Other aluminium architectural or building products (including shower screens, ceiling sections, gates, partitions, railings and shutters)		
Shower screens	85 263	59 966
Other (excluding doors and windows)	n.a.	*145 551
Other articles of aluminium, n.e.c. (including ladders)	n.a.	88 422
Other structural metal products		
Iron or steel window frames	**11 930	**1 588
Iron, steel or aluminium fire doors	n.a.	(a)**22 467
Metal (excluding aluminium) doors or door frames (excluding fire doors)		
Roller doors		
Domestic	n.a.	93 325
Other	n.a.	**99 385
Other doors or door frames	n.a.	*37 000
Other fabricated iron or steel architectural products (e.g. stairs, balustrades)	n.a.	*324 626
Metal containers		
Metal (excluding sheet metal) casks, drums, cans, boxes, barrels, collapsible tubes, cigarette cases, tool boxes and other containers of a capacity of 300 litres or less		
Iron or steel	n.a.	648 051
Aluminium	n.a.	368 075
Other metal	n.a.	*17 306
Metal freight containers (excluding stock crates)	n.a.	—
Metal vats, tanks and similar containers		
For compressed or liquefied gas		
Of sheet iron or steel (thickness less than 3mm) or of sheet aluminium (thickness 6mm or less)		
Cylinders	n.a.	107 108
Other containers	n.a.	**7 359
Of other than sheet metal, of a capacity exceeding 300 litres (excluding those with mechanical or thermal equipment) (iron or steel with thickness 3mm or more, aluminium with thickness exceeding 6mm)	n.a.	*45 595
Other than for compressed or liquefied gas		
Of a capacity of 300 litres or less (excluding those with mechanical or thermal equipment)		
Of plate iron and steel (thickness of 3mm or more) and aluminium (thickness exceeding 6mm)	n.a.	*7 488
Of sheet metal (including milk and cream cans)		
Iron or steel (thickness less than 3mm)	n.a.	*19 917
Aluminium (thickness of 6mm or less)	n.a.	n.p.
Of a capacity exceeding 300 litres		
Of sheet metal		
Iron or steel (thickness less than 3mm)	n.a.	*112 099
Aluminium (thickness of 6mm or less)	n.a.	n.p.
Of other than sheet metal	n.a.	**51 295

(a) Iron or steel bridges, bridge sections, towers and lattice masts, on the previous page, is included with Iron, steel or aluminium fire doors.

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Sheet metal furniture		
Sheet metal medical, dental, surgical or veterinary furniture	n.a.	n.p.
Sheet metal office or desk equipment other than furniture	n.a.	***32 314
Unassembled large scale sheet metal storage structures and shelving	n.a.	117 040
Other sheet metal furniture, n.e.c. (including parts)	n.a.	**118 582
Other sheet metal products		
Machine guards of sheet metal (not designed for use with a particular machine)	n.a.	n.p.
Sheet metal ducting	n.a.	279 627
Sheet metal non-electric household articles and parts (excluding sanitary ware)	96 076	*138 107
Sheet metal sanitary ware		
Stainless steel	*91 887	*44 591
Other	**5 834	*5 709
Sheet metal stoppers, caps, lids, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories	345 978	365 710
Other sheet metal products (including base metal fittings for loose-leaf binders or files; advertising signs; letter clips, letter corners, paper clips, indexing tags and similar office articles)		
Iron or steel	n.a.	493 799
Aluminium	n.a.	173 827
Other metal	n.a.	*35 614
Articles of copper, nickel, lead, zinc and tin, n.e.c.	n.a.	**14 982
Other metal products		
Articulated link chain and parts, of iron or steel	n.a.	—
Barbecues, portable, solid fuel	n.a.	—
Boilers		
Non-electric hot water or low pressure steam central heating boilers	n.a.	—
Super heated water boilers and steam generators (including parts); condensers for steam or other vapour power units	n.a.	*48 153
Cigarette and other lighters	n.a.	—
Domestic, hand-operated metal tools (including gardening tools, bottle or can openers, slicers, beaters, mixers and juice extractors; excluding power operated)	n.a.	n.p.
Fire extinguishers	*47 699	*48 460
Firearms (including parts)	n.p.	n.p.
Gas or liquid meters	n.a.	**94 038
Parts and accessories for gas or liquid meters	n.a.	*27 585
Hand sieves and hand riddles, of iron or steel	n.a.	—
Knives and cutting blades for machines or for metal working and wood working mechanical appliances	*26 408	*45 327
Metal knives with cutting blades (excluding knives or cutting blades for machines, and solid silver or gold knives), razors and razor blades, scissors (excluding electric), hair clippers (excluding electric), hand pieces for shearing machines, manicure or pedicure instruments	n.a.	*11 223
Metal knives (excluding those with cutting blades), forks, spoons, ladles, skimmers, cake-servers, tongs and similar kitchen ware or table ware (excluding solid silver or gold)	—	
Metal hand tools (excluding gardening, power-operated or pneumatic)	*34 852	*123 232
Non power-operated metal hand tool accessories and attachments (including screwdriver and drilling bits; excluding twist drills, taps, dies and chasers)	n.a.	40 065
Household tools, n.e.c.	n.a.	—
Lamps and lighting fittings, non-electric (including pressure and gas lanterns)	n.a.	—

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Other metal products <i>continued</i>		
Locks (including parts and padlocks); keys; metal fittings and mountings for windows and doors (including hinges, hydraulic door closers and door handles)		
Lock sets	*142 601	94 352
Other	*129 478	92 884
Other metal mountings (including hat and towel racks, brackets and latch sets)	n.a.	110 519
Metal blinds and awnings		
Aluminium venetian blinds (including plastic coated)	**153 808	*127 615
Other	**99 111	38 586
Metal nails, tacks, staples, spiked clamps, studs, spikes and pins (including drawing and cotter pins; excluding metallic dowel pins)	n.a.	**165 053
Metal nuts, bolts (including expansion bolts), screws, rivets, washers, dowel pins, masonry anchors and turnbuckles	285 555	327 835
Munitions and ammunition (including cartridges)	n.p.	n.p.
Office or desk equipment other than furniture, of base metal (excluding sheet metal)	n.a.	n.p.
Prefabricated chimney stacks and livestock yarding equipment	n.a.	**12 096
Sewing machine needles and other parts and accessories for sewing machines (including furniture, bases and covers)	n.a.	—
Springs, of iron, steel or copper (including leaves for springs)	n.a.	*96 437
Steam, gas and water fittings, non-ferrous metal (excluding domestic; including taps, cocks and valves)	n.a.	188 601
Television antennae parts	n.a.	**59 680
Tube or pipe fittings (excluding valves)(e.g. couplings, elbows, sleeves)		
Of aluminium	n.a.	***6 123
Of copper or copper alloys	n.a.	*44 067
Of nickel or nickel alloys	n.a.	—
Wire, of iron or steel		
Fencing wire (excluding stranded or barbed)	*257 307	205 330
Stranded wire, ropes, cables, cordage, plaited bands and slings (excluding electrically insulated)	*50 575	*132 828
Wire fabric of iron or steel		
Welded (excluding reinforcing)	n.a.	46 025
Woven or linked (excluding mattress supports)	n.a.	67 686
Wire gates of iron or steel (cross sectional dimension of wire 16mm or less)	n.a.	n.p.
Woven wire, link mesh or wire spring mattress supports (excluding upholstered)	n.a.	*37 514
Other wire products (including copper cloth, grille, netting and fencing; barbed wire; frying baskets, plate racks, pot scourers, hooks and safety pins and other domestic metal wire products)	n.a.	349 909
Articles of tungsten, molybdenum, tantalum, magnesium, cobalt, cadmium, titanium, zirconium, beryllium, gallium, hafnium, indium, niobium, thallium and thallium (including wrought; excluding semi-manufactures, powders, wastes and scrap)	n.a.	—
Metal sanitary ware (excluding sheet iron and steel or wire); steel wool; armoured or reinforced safes and strong-boxes; photograph and picture frames; flexible tubing; ladders (excluding aluminium); clothes hoists; anchors and grapnels; ship propellers and blades; other metal products, n.e.c.	n.a.	*949 334

Sales and transfers out.....		
	1994-95	1995-96
Commodity description	\$'000	\$'000
Motor vehicles and parts		
Chassis with engines for motor vehicles	12 061	n.p.
Motor vehicles, finished		
With fewer than ten persons capacity		
Cars	6 929 034	6 682 018
Station wagons and other finished motor vehicles (e.g. mini-buses, passenger mini-vans)		
With ten or more persons capacity	36 858	60 266
Trucks, truck type vehicles (including tow trucks, fire engines and road sweepers, utilities and panel vans; excluding off-highway trucks)	n.a.	1 180 806
Motor vehicles, unassembled	n.p.	n.p.
Internal combustion engines for motor vehicles or tractors	n.a.	929 532
Motor vehicle and tractor cranks, crankshafts, camshafts, bearing housings, gears, gearing and flywheels	n.a.	—
Motor vehicle, tractor and truck gaskets	n.a.	—
Motor vehicle, tractor and motor cycle parts and accessories, n.e.c.	n.a.	462 600
Motor vehicle bodies		
Body panels		
For trucks and buses	*65 650	*197 525
For other motor vehicles	n.a.	
Motor vehicle and truck bodies (coachwork)	n.a.	*176 631
Trailers and semi-trailers		
Semi-trailers		
Agricultural self loading and unloading semi-trailers (including tippers)	n.a.	**32 693
Other semi-trailers for the transport of goods and materials (including tankers, vans, vehicle transporters, stock crates and timber jinkers)	n.a.	319 424
Trailers		
Caravans, camper trailers and similar vehicles	*101 354	*56 895
Trailers for the transport of goods and materials (including box trailers, boat trailers and horse floats)	n.a.	**63 921
Other trailers and semi-trailers, n.e.c.	n.a.	—
Trailer, semi-trailer, caravan and similar vehicle parts	n.p.	**53 668
Automotive electrical instruments		
Motor vehicle and truck air conditioners	n.a.	259 969
Motor vehicle apparatus for making, breaking, protecting, and making connections to and in electrical circuits (including switches, relays, fuses, plugs, terminals, terminal strips, lamp sockets, and holders; excluding wiring)	n.a.	—
Motor vehicle electric motors of an output not exceeding 37.5W; other DC motors and DC generators	n.a.	47 323
Motor vehicle, tractor and motor cycle filament lamps and sealed beam lamps	n.a.	—
Motor vehicle and tractor petrol gauges, ammeters, voltmeters, revolution counters, production counters, speed indicators, tachometers, thermostats and similar instruments	n.a.	n.p.
Motor vehicle, tractor or motor cycle starting and ignition equipment, alternators; spark plugs; heaters, defrosters, demisters; windscreen wipers; lighting, sound or visual signalling equipment	n.a.	384 853
Motor vehicle or motor cycle wiring harnesses	n.a.	n.p.

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Other automotive components		
Motor vehicle transmission and gearbox assemblies	n.a.	961 716
Motor vehicle and tractor cylinder blocks, pistons, rings, connecting rods, valves and manifolds	n.a.	1 863 693
Motor vehicle, tractor and truck medium pumps (for fuel, lubricating or cooling)	n.a.	145 785
Ships and boats		
Floating or submersible drilling or production platforms and other floating structures (including cranes)	n.a.	—
Ships, boats and other vessels		
Small boats (including rowing or sail), yachts and canoes under 5 tonnes displacement (excluding inflatables)	n.a.	**106 228
Boats (including rowing or sail), yachts, dinghies and other vessels, for pleasure or sport, of 5 tonnes or more displacement but less than 50 tonnes (excluding inflatable vessels, canoes, surfboards and sailboards)	n.a.	
Cruise ships, ferry and excursion boats, fishing and other vessels, n.e.c., under 50 tonnes displacement for the transport of persons or goods	n.a.	
Ships, boats and other vessels of 50 tonnes or more displacement	**34 744	1 536 483
Other transport equipment		
Aircraft and aircraft parts	282 171	334 857
Locomotives and trams (including underframes); railway rolling stock and parts (including maintenance vehicles and service vehicles; excluding iron or steel forged tyres and wheels)	n.a.	530 138
Other transport equipment (including bicycles, baby carriages, wheelbarrows and golf buggies) and parts and accessories	n.a.	**41 985
Photographic and optical goods		
Cameras and image projectors (including slide or film projectors and microform viewers) and parts	*22 907	*17 633
Chemical preparations for photographic uses (including emulsions, developers, fixers, intensifiers, reducers, toners and cleaning agents; excluding varnishes)	n.p.	416 176
Sensitised and unexposed photographic plates and film (including instant print)	n.a.	
Other photographic equipment (including processing apparatus and projection screens) and parts	n.a.	
Microscopes (excluding optical) and diffraction apparatus and parts	n.a.	—
Objective lenses; filters and other mounted optical elements	n.a.	—
Optical fibres, fibre bundles and cables (excluding cables with individually sheathed fibres)	n.a.	n.p.
Ophthalmic instruments and appliances, n.e.c.	n.a.	—
Safety eyewear (industrial or sporting)	n.a.	n.p.
Spectacle and contact lenses	*97 893	*134 508
Spectacles, sunglasses and goggles; frames, mountings and parts	n.a.	**64 544
Medical and surgical equipment		
Mechano-therapy, massage and psychological aptitude-testing apparatus; ozone, oxygen or aerosol therapy apparatus; artificial respiration or other therapeutic respiration apparatus; other breathing appliances and gas masks (including protective)	n.a.	n.p.
Surgical, medical, dental (excluding dentures) and veterinary equipment and appliances (including sterilisers, pacemakers, needles, syringes, artificial teeth, joints, limbs or eyes; excluding gas masks, hearing aids and mechano-therapy equipment)	n.a.	305 355

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Professional and scientific equipment		
Demonstrational (unsuitable for other purposes) instruments, apparatus and models	n.a.	***6 886
Radar equipment, radio navigational aid equipment, radio remote control equipment, direction finding compasses and other navigational instruments	n.a.	161 907
Surveying instruments, physical or chemical analysis instruments, electricity meters and other measuring, checking and testing instruments, appliances and parts	n.a.	312 920
X-ray equipment and parts or accessories	n.a.	—
Computers and business machines		
Calculators and other electronic machines incorporating a calculating device (including cash registers, postage-franking and ticket-issuing machines) and parts	n.a.	n.p.
Data processing machines		
Mainframe	—	—
Other	n.a.	} 904 816
Data processing machine parts and accessories (excluding carrying cases and covers)	n.a.	
Goods vending machines, automatic (e.g. cigarette, food or beverage vending machines, money-changing machines)	n.a.	n.p.
Photocopying machines and parts	—	***251
Other electronic office machinery and other accounting machinery (including typewriters, word processors, addressing machines, EFTPOS machines, coin counting machines)	n.a.	n.p.
Office machinery parts and accessories, n.e.c.	n.a.	**45 572
Telecommunication, broadcasting and transceiving equipment		
Radio broadcast studio equipment, television studio equipment (including cameras), television or radio transmitters, radio transceivers	n.a.	350 919
Relays and relay sets for radio, telephone and telegraphic equipment	n.a.	—
Telephone and telegraph equipment (excluding parts; including electrical line, electronic switchboards, modem equipment, telephones)		
Carrier telephone/telegraph equipment	n.a.	523 905
Data modem equipment/multiplexors	n.a.	n.p.
Electronic switchboards		
Processor or micro processor control	n.a.	77 812
Other	n.a.	57 759
Keyphones (excluding radio-telephony such as car phones)	n.a.	**64 599
Main exchange switching equipment	n.a.	818 662
Telephones, complete		
Mobile, cellular and car phones	n.a.	} **13 988
Other	n.a.	
Other telephone and telegraph equipment (excluding parts) (e.g. teleprinters and telephone facsimile machines)	n.a.	**2 206
Telecommunication equipment parts	n.a.	*141 536

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Other electronic equipment		
Coin or disc operated games (including video games and poker machines)	n.a.	453 096
Electric or electronic alarm systems and parts	n.a.	*194 700
Electrical capacitors; electronic integrated circuits; electrical resistors (excluding heating); solar cells; electronic valves and tubes	n.a.	279 784
Hearing aids (excluding parts and accessories)	n.a.	*168 666
Loudspeakers and other audio-frequency amplifiers (excluding hearing aids)	n.a.	***1 176
Magnetic tapes and other prepared unrecorded media for sound or video recording	n.a.	—
Radio receiving sets (including car radios and clock radios)	—	—
Record, tape or cassette players and sound recording equipment (excluding coin-operated record or compact disc players)	n.a.	—
Television receiving sets (including video monitors and projectors)	n.a.	106 276
Satellite receivers	n.a.	n.p.
Video recording or reproducing equipment (e.g. video cassette recorders)	n.a.	—
Other audio and video equipment, parts and accessories	n.a.	**33 387
Static converters (including rectifiers)	n.a.	**19 376
Other electronic equipment and parts	n.a.	280 266
Household appliances		
Clothes washing machines, drying cabinets, tumble dryers and dishwashing machines, domestic	n.a.	279 894
Electro-thermic appliances, domestic (e.g. kettles, irons, hair dryers, toasters, frypans, coffee or tea makers and electric blankets)	n.a.	
Fans, domestic (including table, floor, wall, window, ceiling or roof)	32 499	28 571
Refrigerators and freezers, domestic	391 725	477 021
Room air conditioners and coolers (excluding fans)	136 124	191 445
Space heating and soil heating apparatus, domestic	}	
Electric		
Solid fuel, oil or spirit fired		19 638
Gas fires and space heaters	54 905	70 717
Non-electric warm air furnaces, domestic	n.a.	n.p.
Stoves, ovens and ranges, domestic (including microwave)	}	
Electric		201 014
Gas, solid fuel, oil or spirit fired	165 010	146 384
Hoods, having a maximum horizontal side not exceeding 120cm	n.a.	n.p.
Other domestic appliances and parts (including sewing machines, vacuum cleaners, floor polishers, food grinders and food mixers), n.e.c.	n.a.	56 640
Water heaters, hot water systems and parts	}	
Electric		126 226
Solar (including solar systems with conventional backup energy sources); solar collectors for water heating purposes (including swimming pool heaters)		139 727
Gas and other non-electric	n.a.	44 481
	88 149	67 869
Electrical cable and wire		
Automotive insulated cable, wire or strip	58 892	(a)
Co-axial cable and other co-axial electric conductors	n.a.	207 052
Insulated cable, wire and strip	}	
Optical fibre cable		361 906
Winding wire		80 450
Other insulated cable, wire and strip	n.a.	(a)106 084
Uninsulated copper and aluminium stranded wire, ropes, cables, plaited braids and slings	n.a.	469 050
		338 457

(a) Automotive insulated cable, wire or strip is included with Insulated winding wire.

<i>Sales and transfers out.....</i>		
	1994-95	1995-96
<i>Commodity description</i>	<i>\$'000</i>	<i>\$'000</i>
Batteries		
Dry cell batteries	n.p.	260 789
Wet cell batteries		
Automotive (excluding traction or motorcycle)	n.a.	
Other (excluding motorcycle)	n.a.	
Other batteries (including motorcycle or alkaline) and battery components	n.a.	**2 636
Electric lights and signs		
Electric light or lamp bulbs or tubes (including filament, fluorescent, sealed beam lamp units and units for infra-red, ultraviolet or arc lamps; excluding automotive)		
Cold lighting (neon signs, etc.)	55 654	*7 197
Other		*67 583
Incandescent light fittings	*74 025	*77 632
Illuminated signs, illuminated name plates and the like (having a permanent fixed light source)	*104 805	100 677
Lighting equipment (excluding automotive)		
Indoor		
Fluorescent	122 535	79 528
Other (e.g. discharge, other than fluorescent, arc-lighting)	*73 550	*17 419
Outdoor		
Fluorescent	11 951	*37 396
Other (e.g. discharge, other than fluorescent, arc-lighting)	5 744	**106 205
Other lighting equipment and parts	n.a.	*36 810
Ultraviolet or infra-red apparatus (excluding sealed beam lamp units and units for ultraviolet or infra-red lamps)	n.a.	—
Other electrical equipment		
Electric motors and parts	n.a.	251 454
Electric generators and transformers (excluding automotive)	n.a.	**13 359
Electric motor and generator parts (excluding automotive)	n.a.	n.p.
Electric heating resistors (excluding carbon)	n.a.	n.p.
Electrical apparatus for switching, protecting or for making connections to electrical circuits (including boards, consoles and cabinets equipped with electrical apparatus; excluding inductors)	n.a.	500 658
Electrical insulators (excluding glass or ceramic); insulation fittings for electrical appliances and machines (excluding ceramic or plastics)	n.a.	n.p.
Inductors (including chokes, ballasts used with lighting equipment, current limiting regulators)	n.a.	**559
Mechanical (including electro-mechanical) signalling, safety or traffic control equipment (including parking meters and traffic signals); railway or tramway fixtures and fittings	n.a.	n.p.
Rheostats, potentiometers and resistance boxes	n.a.	n.p.
Transformers	175 835	260 193
Welding and soldering equipment (excluding gas)		
Electrical welding (including arc) equipment (including base metal wire, rods, tubes, plates and electrodes)	110 625	n.p.
Machines, equipment and parts for electric soldering and welding (including arc)(e.g. irons and guns)	n.a.	n.p.
Fluxes and other auxiliary preparations (including pickling preparations, powders and pastes) for soldering, brazing or welding	n.a.	—
Other electrical equipment and parts, n.e.c.	n.a.	434 091

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Agricultural and horticultural machinery		
Agricultural or horticultural mechanical appliances for projecting, dispersing or spraying liquids or powders, and parts	n.a.	*155 090
Agricultural wheeled tractors (excluding crawler tractors)	***2 767	n.p.
Dairy machinery	n.a.	n.p.
Harvesting, threshing and haymaking machinery (including straw or fodder balers and agricultural mowers)	*74 851	*122 036
Lawn mowers	*130 374	114 983
Lawn and sports ground rollers	n.a.	—
Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce; feed grinders; poultry incubators and brooders	n.a.	**43 525
Ploughing, seeding and planting equipment and parts (including fertiliser distributors, manure spreaders, scarifiers, cultivators, weeders, hoes and harrows; excluding hand tools)	n.a.	*176 106
Wool presses and other agricultural and horticultural machinery and parts, n.e.c.	n.a.	*123 716
Mining and construction machinery		
Bodies and cabs for construction vehicles	n.a.	n.p.
Buckets, shovels, grabs, grips, blades and other construction and earthmoving machinery parts	*174 999	*291 376
Bulldozers, tamping machinery, road rollers, pile drivers, snow ploughs, crawler tractors and other moving, grading, levelling, scraping, excavating, compacting or extracting construction machinery, n.e.c.	n.a.	*35 164
Construction and earthmoving wheeled tractors (excluding crawler)	n.p.	n.p.
Crushing and grinding machinery	227 575	*333 366
Dumpers designed for off-highway use	n.a.	n.p.
Machinery for mixing or kneading earth, stones, ores or other mineral substances in solid (including powder and paste) form	n.a.	*26 416
Machinery for sorting, screening, separating or washing mineral substances and parts for mineral working machines	n.a.	*111 846
Mining or drilling machinery and parts (including coal or rock cutters, boring, sinking or tunnelling machinery)	355 337	273 462
Self propelled front end shovel loaders; mechanical shovels; excavators and shovel loaders with a 360 degree revolving superstructure	n.a.	n.p.
Food processing machinery		
Food and beverage processing machinery and parts		
Bakery and biscuit ovens	n.a.	**10 709
Cream separators; presses and crushers used for wine, cider or fruit juice production; bakery and biscuit making machinery (excluding ovens); butchery machinery; sugar processing machinery	n.a.	**40 418
Distilling or rectifying plant; heat exchange units; machinery for liquefying air or gas; centrifuges (other than cream separators and clothes dryers; excluding parts); filtering or purifying machinery for beverages other than water	n.a.	—
Food packing or wrapping machinery; food or drink canning, bottling and sealing machinery; food or drink can or bottle washing machinery	n.a.	*53 489
Parts of machinery, n.e.c., for cleaning food or drink cans or bottles (including parts of dishwashing machines), or for filling, closing, sealing, capsuling or labelling containers for food and drink	n.a.	**7 715
Non-domestic cooking or heating machinery for food or drinks	**24 781	*136 657
Other food and beverage processing machinery and parts, n.e.c.	n.a.	*58 662

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Machine tools and parts		
Converters, ingot moulds and ladles, casting machines, metal-rolling mills and rolls and parts	n.a.	—
Gas welding and cutting equipment (including handheld blow pipes; excluding filler welding rods)	n.p.	n.p.
Interchangeable tools for power-operated hand tools; sintered metal plates, sticks and tips; rock drilling and earth boring tools	n.a.	**13 905
Machining centres, lathes for removing metal, machine tools and other wood and metal working machinery and parts, n.e.c., (excluding saw blades, metal moulds and dies)	n.a.	135 542
Metal moulds and dies	n.a.	*392 081
Metal work holders, tool holders, self-opening die-hards and dividing heads for machine tools, and other machine tool accessories and parts	n.a.	**85 780
Power-operated metal working hand tools; portable electric hand tools; pneumatic hand tools (excluding pneumatic drills for construction)	n.a.	—
Saw blades	**2 014	**25 737
Lifting and materials handling equipment		
Conveyors, continuous action, for goods and materials		
Specially designed for underground use	n.a.	*100 674
Other	n.a.	*233 824
Elevators, continuous action		
For goods and materials, specially designed for underground use	n.a.	**31 167
Other (including escalators and moving walkways)	n.a.	*80 939
Hoists, cranes and other lifting, loading or unloading machinery	n.a.	92 436
Other lifting and handling equipment and parts, n.e.c., (including parts for loading or unloading machinery)	n.a.	*297 151
Powered store trucks (including those used on railway station platforms, and forklifts)	*135 574	n.p.
Wheeled tractors (excluding crawler, agricultural, construction and earthmoving)	*44 732	—
Pumps and compressors		
Compressors for refrigerating and air-conditioning equipment	30 095	n.p.
Pumps and pumping machinery (including petrol bowers and air or gas compressors)		
Centrifugal pumps (including axial flow type, multi-stage, jet type, etc.)	144 318	186 599
Other pumps and pumping machinery (including petrol bowers and air or gas compressors, n.e.c.)	*62 538	*119 943
Pump (excluding vacuum and manual air pumps) and compressor parts, n.e.c.	n.a.	*368 683
Commercial space heating and cooling equipment		
Industrial air conditioning units	n.a.	*342 619
Non-electric iron or steel radiators for central heating, air heaters and hot air distributors incorporating a motor driven fan or blower	n.a.	—

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Other industrial machinery and equipment		
Bearings and parts	**81 620	n.p.
Calendering or other rolling machines (excluding machines for metals or glass, and parts)	n.a.	—
Commercial free-standing refrigeration chests, cabinets, display counters and show cases (including ice-cream making machines and water coolers)	236 645	330 781
Cool rooms and freezer rooms, prefabricated	n.a.	23 160
Engines		
Hydraulic and pneumatic power engines or motors, and parts	n.a.	*172 360
Internal combustion piston engines (including marine propulsion; excluding automotive)	n.a.	n.p.
Steam turbines and other vapour engines; hydraulic turbines and water wheels, and parts	n.a.	—
Other engines, turbines and parts, n.e.c.	n.a.	*7 531
Dishwashing machines other than household	n.a.	—
Dryers		
For agricultural products	n.a.	—
Other industrial (excluding parts)	n.a.	n.p.
Electric fans, industrial	n.a.	n.p.
Filters and purifying machinery and equipment for liquids or gases (excluding parts)	n.a.	*119 622
Furnaces and ovens, industrial or laboratory		
Electric	n.a.	n.p.
Non-electric furnaces, ovens (excluding bakery or biscuit ovens) and incinerators, and parts (including mechanical stokers, graters and ash dischargers)	n.a.	**140 982
Gas or water gas generators	n.a.	—
Machine tools for working materials other than metal or wood; laser machine tools for working any material; hand tools with a self-contained motor (excluding parts)	n.a.	—
Machinery for preparing or making-up tobacco, and parts	n.a.	—
Machinery for making-up or finishing paper pulp, paper or paperboard (including bookbinding machinery), and parts	n.a.	n.p.
Machinery for working rubber, plastics or glass, or for the manufacture of products from these materials (excluding parts); isotopic separation equipment and parts	n.a.	**10 142
Motorised tanks and other armoured fighting vehicles, and parts	n.a.	—
Oil filters, petrol filters and air intake filters for internal combustion engines	n.a.	n.p.
Parts for centrifuges (including centrifugal dryers); parts for liquid or gas filtering or purifying machinery	n.a.	—
Parts for hand tools with self-contained non-electric motors	n.a.	—
Parts for industrial dryers; parts for machines for working rubber, plastics or hot working glass; other special purpose machinery and parts, n.e.c.	n.a.	**17 148
Parts for industrial spray guns, steam or sand blasting machines, calendering or other rolling machines (excluding for metal or glass)	n.a.	—
Printing machinery and parts		
Office type sheet fed printing machinery and accessories	n.a.	—
Other	n.a.	**38 935
Roundabouts, swings, shooting galleries and other fairground amusements	n.a.	—
Spray guns, industrial; steam or sand blasting machines; fire extinguishers; domestic sprinklers and parts	n.a.	—
Textile working and textile treating machinery and parts (including carding, combing, drawing, dyeing, spinning, washing, winding, weaving or knitting machines; excluding industrial sewing machines)	n.a.	—
Textile, apparel and leather production machinery and parts, n.e.c. (including industrial sewing machines)	n.a.	**1 390
Weighing machinery (excluding balances of a sensitivity of 5cg or better) and parts (including weights)	n.a.	**23 456
Other general purpose machinery and parts, n.e.c.	n.a.	488 923

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Prefabricated buildings		
Prefabricated buildings		
Of metal or metal framed		
Aluminium	n.a.	n.p.
Other metal		
Garages, carports and garden sheds	n.a.	141 463
Transportable buildings	n.a.	*32 289
Other (e.g. hangars, farm machinery sheds, hay sheds)	n.a.	92 869
Of concrete (including bus shelters; excluding structural components)	n.a.	—
Other prefabricated buildings (including kit homes, container huts, portable toilets, shade houses, survival huts or transportable homes)	n.a.	167 709
Mattresses (except rubber)		
Mattresses		
Water mattresses	n.a.	***7 350
Other (excluding those of, or stuffed with, rubber)	n.a.	*194 019
Mattress supports (excluding un-upholstered woven wire, link mesh, wire, springs, and those of, or stuffed with, rubber)	n.a.	*56 787
Pillows, cushions, bolsters, bean bags and stuffed mattress protectors (excluding those of, or stuffed with, rubber)	n.a.	55 406
Other furniture		
Non-domestic furniture (excluding wooden, predominantly wooden, or sheet metal)		
Seats (other than passenger transport seats) and parts, complete, unassembled or partly assembled	n.a.	**977 330
Parts of passenger transport seats	n.a.	
Other, complete and assembled	n.a.	
Domestic furniture, complete and assembled		
Metal or predominantly metal (excluding sheet metal; excluding seating)	n.a.	**121 528
Other (excluding wooden or metal)	n.a.	**11 466
Medical, dental, surgical or veterinary furniture and parts (excluding sheet metal)	n.a.	—
Unassembled large scale fabricated metal storage structures and shelving (excluding sheet metal)	n.a.	n.p.
Unassembled or partly assembled furniture and parts, n.e.c. (excluding wood and sheet metal)	n.a.	n.p.
Other manufactured products, n.e.c.		
Articles for funfair, table or parlour games (including articles and accessories for billiards, snooker or pool, pin tables, special tables for casino games, and bowling alley tables)	n.a.	**15 136
Brooms and brushes		
Paint brushes or rollers, accessories and parts	*32 773	*32 037
Brushes for personal use (e.g. hair brushes, nail brushes, toothbrushes (excluding electric))	n.a.	n.p.
Other brushes, floor mops, brooms and hand-operated mechanical floor sweepers (excluding motorised)	n.a.	55 012
Carbon paper	n.a.	n.p.
Handbags, suitcases, bags, travel sets for personal toilet articles, purses, key cases, wallets and billfolds, vanity cases, brief cases, school satchels, spectacle cases and other personal articles, of material other than leather	n.a.	**4 453
Jewellery (including worked and semi-precious stones) and silverware	172 579	176 595
Other articles of precious metal (including articles for technical or laboratory use)	n.a.	—
Imitation jewellery (not incorporating precious metal except as plating or as minor constituents; excluding watch straps)	n.a.	**35 612

Commodity description	Sales and transfers out.....	
	1994-95	1995-96
	\$'000	\$'000
Other manufactured products, n.e.c. <i>continued</i>		
Metal advertising signs, nameplates and sign-plates (excluding electric)	n.a.	171 781
Metal (other than precious metal) statuettes and other ornaments	n.a.	**3 977
Musical instruments (including parts and accessories)	n.a.	—
Pens, pencils and refills, crayons and chalk	*24 590	**11 403
Sporting equipment and accessories (including fishing gear and gloves specially designed for use in sport)	n.a.	169 391
Sterilised surgical sutures, gut	n.a.	n.p.
Toys and puzzles, and parts (e.g. dolls' carriages, scooters, model assembly kits; excluding fur or leather)	n.a.	**16 418
Typewriter ribbons and ink pads	n.a.	n.p.
Watches (including metal watch straps), watch cases, clocks and parts	***332	***6 829
Wigs, false beards, eyebrows and eyelashes; switches and the like of human or animal hair or of textile materials	n.a.	—
Umbrellas	**18 171	—
Other manufactured articles (including unsterilised gut surgical sutures)	n.a.	278 935

EXPLANATORY NOTES

INTRODUCTION

1 This publication presents the value of sales and transfers out of commodities manufactured in Australia, compiled from a survey of manufacturing establishments for each of 1994–95 and 1995–96. From the main sample of approximately 20,000 manufacturing establishments for each of the above years, a sub-sample of establishments was asked to supply information on commodities sold. Data on the quantity of commodities produced are no longer collected as part of the annual manufacturing collection. Data relating to quantities produced were last collected and published for the 1993–94 reference year.

2 The manufacturing collection is conducted on an annual basis. Businesses selected in the main sample were asked to provide data on employment, wages and salaries, turnover and the percentage of goods exported. A sub-sample of approximately 7,500 manufacturing establishments for 1994–95 and approximately 5,900 manufacturing establishments for 1995–96 were asked to supply additional information, including the value of sales and transfers out for commodities produced.

3 Details of principal commodities produced were previously collected as part of the 1993–94, 1989–90 and 1986–87 manufacturing censuses. In years prior to 1986–87, they were collected annually (except for 1985–86, when no census was conducted). Commodity data are, once again, being collected on an annual basis.

4 The commodity classification used in this publication is based on the Australian and New Zealand Standard Commodity Classification (ANZSCC) and covers the full range of manufacturing commodities produced, but presents data at a broader level (in most cases) than the ANZSCC. The ANZSCC covers approximately 2,500 commodities, whereas the classification used in this publication covers approximately 1,000 commodity groupings.

5 This new commodity classification was first used to code sales and transfers out of commodities produced for the 1994–95 collection. However, due to its experimental nature, data for a significant number of commodities for that year are not available for publication or dissemination. The commodity classification was modified prior to its use in the 1995–96 collection and data for the full range of commodities collected are included in this publication. Where comparable data are available for 1994–95, these data are also included.

SCOPE AND COVERAGE

6 The statistics in this publication relate to all manufacturing establishments which operated in Australia during the years ended 30 June 1995 and 30 June 1996, except for those manufacturers not employing staff at 30 June 1995 and 30 June 1996 (respectively) (such as sole proprietorships or family partnerships) which had not registered as group employers with the Australian Taxation Office. Though a substantial number, these businesses would contribute only marginally to aggregate data were they to be included. Also excluded is the production from establishments predominantly engaged in non-manufacturing activities but which also undertake limited manufacturing activities. However, except for a few commodities, the effect of this on production levels is marginal. In addition, the ABS attempts to obtain data for those businesses which ceased operation during the year, but it is not possible to obtain data for all of them.

EXPLANATORY NOTES *continued*

STANDARD UNITS

Establishment

7 The establishment is the smallest accounting unit of a business, within a State or Territory, controlling its productive activities and maintaining a specified range of detailed data enabling value added to be calculated. In general, an establishment covers all operations at a physical location, but may consist of a group of locations provided they are within the same State or Territory. The majority of establishments operate at one location only.

Manufacturing establishment

8 An establishment predominantly engaged in manufacturing activities. The data collected for such establishments cover all activities of the establishment (including non-manufacturing activities). Conversely, there are some establishments predominantly engaged in non-manufacturing activities which also undertake limited manufacturing activities and which are excluded.

COMMODITY ITEMS COLLECTED

9 In summary, the value of sales and transfers out relates to goods sold or transferred during the year excluding goods resold without processing. In general, sales values represent the amounts received by manufacturers, minus sales taxes, excise duties and delivery or installation charges (where separately invoiced to customers). Exports are valued on a Free on Board basis. Transfers (goods produced then physically transferred elsewhere within the same business for sale or further processing) are valued at commercial value i.e. the amount that would have been received had the goods been sold to another business (also net of taxes, etc.). Further information on the valuation of goods sold or transferred is in paragraphs 10 to 13.

10 Manufacturing establishments were asked to report the value of sales of specified products that they had manufactured or that had been manufactured on commission for them. (See below for an explanation of the treatment of transactions which are carried out on a commission basis.)

11 The valuation which was sought was the factory selling value. The concept of factory selling value is the amount which was paid by the purchaser (after deducting discounts but ignoring trade-ins) to the manufacturer minus any sales taxes or excise duties payable to the government or any charges for delivery or installation. However, it was not always possible for manufacturers to net off the value of delivery or installation, so reported values will include those elements in some cases.

12 Where businesses operate more than one establishment, they are asked to report for each manufacturing establishment the value of those products which are manufactured and then transferred to another establishment either for sale or for further processing. Excluded are any products which are transferred to other establishments for storage or quality inspection, testing, etc. purposes.

13 Transfers out are valued at factory selling value or as near to that as practicable.

EXPLANATORY NOTES *continued*

PRODUCT 'MARKET' CONCEPT

14 Generally, the statistics in this publication, along with corresponding imports and exports data, provide a good indicator of the size of the 1994–95 and 1995–96 Australian market for a particular product.

15 However, caution is needed when using the data for this purpose for products which have significant amounts manufactured on a commission basis.

COMMISSION MANUFACTURING

16 Manufacturing on a commission basis involves one establishment manufacturing or assembling products using materials provided by another establishment (generally an establishment owned by a different business). The establishment which provides the materials retains ownership of those materials and, thus, of the manufactured products made from them.

17 As products can only be sold by their owner, only the owning establishment can report the value of sales (and transfers out) in the manufacturing collection. In the case of commission production, the owning establishment reports the sales of products made for it on commission whereas the establishment which actually manufactures the products does not report any sales of goods produced as it does not own them.

18 Provided that the owning establishment is a manufacturing establishment and is, therefore, included in the scope of the manufacturing collection, there will be no gaps in market measurement as a result of commission arrangements. However, where products are manufactured on commission for non-manufacturing establishments, the sales value of that manufacturing will not be represented by the statistics in this publication.

19 Commission manufacturing occurs to some extent in most manufacturing industries and quite commonly on behalf of non-manufacturers. However, the scale of commission operations of this type is not generally high, except for products related to the textile and clothing industries.

RELIABILITY OF ESTIMATES

20 For information on this subject, see the section Technical Note.

DATA ADJUSTED

21 All data in this publication have been adjusted to allow for lags in processing new businesses to the ABS business register, and the omission of some businesses from the business register. First, adjustments have been made to allow for new businesses which had commenced operations but for which details had not been processed to the ABS business register in time for inclusion in the annual manufacturing industry collection. Adjustments of this type will continue to be applied in future periods. Second, some adjustments have been made for businesses which had been in existence for several years, but, for various reasons, were not previously added to the ABS business register. The ABS is remedying these omissions and all of the omitted businesses will be included in estimates from the 1996–97 census.

22 The majority of businesses affected by these lags and omissions and to which both types of adjustments apply are small in size. As a guide, the effect on 1995–96 total Australian turnover is an adjustment of 0.2%.

EXPLANATORY NOTES *continued*

COMPARABILITY WITH PREVIOUS STATISTICS

23 The 1994–95 manufacturing survey introduced an experimental commodity classification into the manufacturing collection. The classification was modified prior to its use in the 1995–96 manufacturing survey. For further information, see paragraphs 4 and 5 of these Explanatory Notes.

ACKNOWLEDGMENT STATEMENT

24 ABS publications draw extensively on information provided freely by individuals, businesses, governments and other organisations. Their continued cooperation is very much appreciated: without it, the wide range of statistics published by the ABS would not be available. Information received by the ABS is treated in strict confidence as required by the *Census and Statistics Act 1905*.

INFORMATION PAPER

25 The *Information Paper: Availability of Statistics Related to Manufacturing, 1997* (Cat. no. 8205.0) outlines the vast amount of data available about the manufacturing industry in both published and unpublished form available from the annual manufacturing industry collection and other ABS collections. This publication updates the 1996 issue.

RELATED PUBLICATIONS

- 26** Other ABS publications which may be of interest are:
- *Australian National Accounts: Input-Output Tables* (Cat. no. 5209.0)
 - *Australian National Accounts: Input-Output Tables (Commodity Details)* (Cat. no. 5215.0)
 - *Information Paper: Availability of Statistics Related to Manufacturing, 1996* (Cat. no. 8205.0), released on 21 March 1996
 - *Information Paper: Availability of Statistics Related to Manufacturing, 1997* (Cat. no. 8205.0), released on 16 January 1998
 - *Information Paper: Improvements to ABS Economic Statistics, 1997* (Cat. no. 1357.0), released on 22 August 1997
 - *International Merchandise Trade, Australia* (Cat. no. 5422.0)
 - *Manufacturing, Australia, 1997* (Cat. no. 8225.0), to be released shortly
 - *Manufacturing Industry, Australia, 1994–95* (Cat. no. 8221.0), released on 31 January 1997
 - *Manufacturing Industry, Australia, 1995–96* (Cat. no. 8221.0), released on 10 October 1997
 - *Manufacturing Industry, Australia, Preliminary, 1996–97* (Cat. no. 8201.0), released on 27 March 1998
 - *Price Indexes of Articles Produced by Manufacturing Industry, Australia* (Cat. no. 6412.0)

27 A series of manufacturing industry publications (Cat. nos 8221.1 to 8221.6) is also produced for each State. The publication for New South Wales (Cat. no. 8221.1) also contains selected data for the Australian Capital Territory.

SUBANNUAL COMMODITY DATA

28 The publication *Manufacturing Production, Australia* (Cat. no. 8301.0) includes production quantity data for a number of major commodities.

EXPLANATORY NOTES *continued*

BACK DATA AND UNPUBLISHED STATISTICS

29 A range of manufacturing industry statistics publications is available for previous years. As well, a considerable amount of data from the annual manufacturing collection exists in unpublished form. More detailed information to satisfy individual user requirements may be available on request. A charge is made for providing such information.

SYMBOLS AND OTHER USAGES

ABS	Australian Bureau of Statistics
ANZSCC	Australian and New Zealand Standard Commodity Classification
AS	Australian Standard
cc	cubic centimetre
cg	centigram
cm	centimetre
DC	direct current
mm	millimetre
n.a.	not available
n.e.c.	not elsewhere classified
n.p.	not available for publication
W	watt
*	data subject to standard errors greater than or equal to 25% of the estimate, but less than 50% of the estimate
**	data subject to standard errors greater than or equal to 50% of the estimate, but less than 100% of the estimate
***	data subject to standard errors greater than or equal to the estimate
—	nil or rounded to zero

SAMPLE ERROR

The data contained in this publication have been obtained from a sample of manufacturers. As such, these data are subject to sampling variability; that is, they may differ from the figures that would have been produced if the data had been obtained from all manufacturers in the population. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because the data were obtained from only a sample of units. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if the data had been obtained from all units, and about 19 chances in 20 that the difference will be less than two standard errors.

The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error. The relative standard error for most of the data contained in this publication is 24% or less. Detailed relative standard errors can be made available on request.

The effects of sampling variability have a particular relevance to the data contained in this publication. This is because the sample design is based on a sample of manufacturers classified by industry (who then report a value for all of the individual commodities that they sell or transfer out), rather than being based on a list of manufacturers of the various commodities. The sample is also orientated towards the larger businesses. As a result, it is possible that where the value of sales and transfers out for a particular commodity is shown as nil, this could be purely because no manufacturers of that commodity were selected in the industry-based sample. Commodities with a minimal value of sales and transfers out could be purely of this size for similar reasons. The effect is particularly important where either there are few producers of a commodity or there are many producers of the commodity but they are all (or mainly) small in size.

NON-SAMPLE ERROR

The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of inadequacies in available sources from which the population frame was compiled, imperfections in reporting by providers, errors made in collection such as in recording and coding data, and errors made in processing data. Inaccuracies of this kind are referred to collectively as non-sampling error and they may occur in any enumeration, whether it be a full count or a sample.

While it is not possible to quantify non-sampling error, every effort is made to reduce it to a minimum. Collection forms are designed to be easy to complete and assist businesses to report accurately. Efficient and effective operating procedures and systems are used to compile the statistics. In addition, the ABS has undertaken a program of upgrading the business register. This on-going upgrade has resulted in improvements in the quality of the statistical series whose population frames are drawn from the register.

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EMAIL client.services@abs.gov.au



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