



1989-90
Manufacturing Production
Australia

Principal Commodities Produced

Catalogue No. 8365.0

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EMBARGOED UNTIL 11.30 A.M. 4 FEBRUARY 1994

**MANUFACTURING PRODUCTION:
PRINCIPAL COMMODITIES PRODUCED
AUSTRALIA
1989-90**

IAN CASTLES
Australian Statistician

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<i>division</i>	<i>Description</i>
01	Meat and meat preparations
02	Dairy products and birds' eggs
03	Fish, crustaceans, molluscs and other aquatic invertebrates, prepared or preserved
04	Cereals and cereal preparations
05	Vegetables and fruit
06	Sugars, sugar preparations and honey
07	Coffee, tea, cocoa, spices and manufactures thereof
08	Feeding stuff for animals (excluding unmilled cereals)
09	Miscellaneous edible products and preparations
11	Beverages
12	Tobacco and tobacco manufactures
21	Raw hides, skins and furskins
22	Oil seeds and oleaginous fruits
23	Crude rubber (including synthetic and reclaimed)
24	Cork and wood
25	Pulp and waste paper
26	Textile fibres (not made into yarn or fabric)
27	Crude fertilisers (except mineral or chemical) and crude minerals (except coal, petroleum and precious stones)
28	Metalliferous ores and metal scrap
29	Crude animal and vegetable materials, n.e.s.
32	Coal, coke and briquettes
33	Petroleum, petroleum products and related materials
34	Gas, manufactured
41	Animal oils and fats
42	Fixed vegetable fats and oils, crude, refined or fractionated
43	Animal and vegetable oils and fats, processed
51	Organic chemicals
52	Inorganic chemicals
53	Dyeing, tanning and colouring materials
54	Medicinal and pharmaceutical products
55	Essential oils, perfume materials, cosmetics and toilet preparations polishing and cleansing preparations
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Value of sales and transfers out by commodity item, Australia, 1989-90—*continued*

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56	Mineral and chemical fertilisers	21
57	Plastics in primary forms	21
58	Plastics in non-primary forms	22
59	Other chemical materials and products	24
61	Leather, leather products and dressed furskins	26
62	Rubber products, n.e.s.	27
63	Cork and wood products (excluding furniture)	28
64	Paper, paperboard and articles of paper pulp, of paper or of paperboard	30
65	Textile yarns, fabrics, made-up articles and related products	31
66	Non-metallic mineral manufactures, n.e.s.	35
67	Iron and steel	38
68	Non ferrous metals	39
69	Other metal products	40
70	Aircraft parts	47
71	Power generating machinery and equipment	47
72	Machinery specialised for particular industries	48
73	Metal working machinery	50
74	General industrial machinery and equipment and parts	51
75	Office machines and automatic data processing machines	55
76	Telecommunications and sound recording and reproducing apparatus and equipment	56
77	Other electrical machinery and apparatus; electric appliances (including non electric household appliances) and electrical parts	57
78	Road vehicles (including air-cushion vehicles)	60
79	Other transport equipment	62
81	Prefabricated buildings; sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.	63
82	Furniture and furniture components; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings	64
83	Travel goods, handbags and similar containers	66
84	Clothing and clothing accessories	66
85	Footwear	72
87	Professional, scientific and controlling instruments and apparatus, n.e.s.	73
88	Photographic apparatus, equipment and supplies and optical goods, n.e.s.; watches and clocks	74
89	Miscellaneous manufactured articles, n.e.s.	75
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INQUIRIES • *for further information about statistics in this publication and the availability of related unpublished statistics, contact Colin Nicholson on Sydney (02) 268 4245 or any other ABS office.*
 • *for information about other ABS statistics and services please refer to the back page of this publication.*

INTRODUCTION

This publication presents information on the value of sales and transfers out of a selection of the major commodities manufactured in Australia. The data were compiled from a census of manufacturing establishments conducted in respect of 1989-90.

Classification of articles produced

The products have been classified according to the Australian Standard Commodity Classification (ASCC), which replaces the classification used in earlier censuses. For those users wishing to make detailed comparisons with previous data, a concordance between the ASCC and previous classifications can be made available on request by contacting Colin Nicholson on (02) 268 4245.

Purpose of introducing the ASCC

The ASCC provides improved comparability between production, import and export statistics at commodity level. Additionally, it gives improved comparability with international standard commodity classifications, and improves the links between commodity and industry statistics. The ASCC will, therefore, provide for more reliable use of commodity production data, both in the studies of the Australian manufacturing industry and in the international context.

Coverage by the ASCC

The ASCC represents an improvement over the previous classification in respect of its coverage of manufactured goods.

In the 1989-90 census, the ABS was able to classify 95 per cent of the total value of sales by manufacturing establishments to specific categories within the ASCC.

This coverage was high for all broad industry categories, ranging from 90 per cent for Fabricated metal products to 99 per cent for Transport equipment.

Further information

Further information about the statistics in this publication, their limitations and uses, and the availability of related information are contained in the following sections and in the Explanatory Notes at the end of this publication.

RELATED STATISTICS

Related published statistics

For many of the products included in this publication, corresponding imports and exports data can be made available. To make further enquiries about the availability of these data, contact the Foreign Trade Section of the ABS Canberra Office on (06) 252 6241 or the Information Services Section of any ABS Office.

Some of the products contained in this publication are also included in the ABS monthly or quarterly production series, which provide information on quantities of production. The products included in those collections are those annotated (c) or (d) in this publication.

More information about the monthly and quarterly production series can be obtained from the ABS Melbourne Office by contacting Rod Smith on (03) 615 7635 or by contacting the Information Services Section of any ABS Office.

Related unpublished statistics

The ASCC covers some 2,200 individual products of which almost half are shown in this publication. Those which are not included are (generally) products with smaller sales values. However, information on products that are unpublished may be available by contacting Colin Nicholson of the ABS Sydney Office on (02) 268 4245.

For some products included in this publication, information on quantities produced and quantities sold may also be available - again by contacting Colin Nicholson on (02) 268 4245.

SCOPE, LIMITATIONS AND USES OF THE STATISTICS

This publication contains information on the value of sales and transfers out of selected manufactured products. It includes the more significant products of Australian origin, covering approximately half of the 2,200 manufacturing products included in the ASCC - see previous page.

The products included in this publication were generally selected on the basis of their significance. A significant product was defined as one with a sales and transfers out value in excess of \$50 million. However, in some cases (to assist analysis), related products of lesser value have also been included.

It should not be inferred that all products which are included in the ASCC but not in this publication are necessarily of lesser significance. Some products of significant value have been omitted from this publication for reasons of confidentiality i.e. release of data would potentially reveal data provided by individual manufacturers. Other significant products have also been omitted because the ABS has serious reservations about the quality of the data reported by respondents in the census.

SUMMARY OF FINDINGS

In 1989-90, the total value of sales and transfers out of goods produced by manufacturing establishments was \$150,647 million. The following analysis shows the composition of these sales and transfers by major commodity group.

Under the ASCC, manufactured products are classified according to 62 commodity divisions. For the year 1989-90, 38 of these divisions showed sales (plus transfers out) in excess of \$1,000 million. Eight divisions exceeded \$5,000 million in value, including two which exceeded \$10,000 million. Details of these divisions and their aggregate sales and transfers out values appear in the table on page 2.

The commodity division which recorded the largest value of sales in 1989-90 was Other metal products at \$10,427 million. This division represents a wide range of metal products, many of which are sold by manufacturers to other manufacturers (e.g. metal containers, reinforcing steel mesh, moulds and dies) or to non-manufacturing businesses (e.g. architectural products, door and window frames for use by builders, and advertising signs and displays for use by businesses). In addition, many household metal and wire products including nails, screws, nuts and bolts, hand tools and kitchen utensils, heaters, sinks and locks are included in this division.

Road vehicles (including air-cushion vehicles) at \$10,325 million was the other division to exceed \$10,000 million in value in 1989-90. As well as passenger motor vehicles which account for more than half of all sales, this category also covers trucks and other vehicles, motor vehicle parts (electrical and non electrical), motor cycles, caravans and trailers.

Other divisions which exceeded \$5,000 million in value of sales in 1989-90 and examples of their significant components are:

- Non ferrous metals - \$8,896 million. (Output from the initial smelting of non ferrous ores, plus rolled, drawn or extruded products from copper, aluminium, lead, zinc, etc., such as bars, rods, foil, pipes, tubes, plates, etc.)
- Miscellaneous manufactured articles, not elsewhere specified - \$8,704 million. (Newspapers, books, printed goods, plastic products, jewellery and games and sporting goods.)
- Iron and steel - \$8,505 million. (Iron and steel in primary forms e.g. ingots, coils, billets, angles, bars, etc for sale to metal casters, forgers and fabricators, plus pipes, tubes and other outputs of heavy engineering.)
- Meat and meat preparations - \$7,302 million. (Fresh or frozen beef, veal, lamb, pork or poultry, meat products such as bacon and ham, salamis, frankfurters, meat pies and canned meats.)
- Petroleum, petroleum products and related materials - \$6,409 million. (Petrol and fuel oils.)
- Non-metallic mineral manufactures, not elsewhere specified - \$5,603 million. (Bricks, cement and cement products, glass and glass products and plaster boards.)

Care needs to be taken in interpreting the sales figures presented for those commodities where there is also a significant amount of commission manufacturing undertaken. Such commodities include meat, petroleum and petroleum products, and clothing, and clothing accessories, where, for example, wholesaling businesses commission manufacturers to produce goods which are then sold by wholesaler. The value of such commission work is not included in the data presented in this publication (since the final value of the sales would only be known by the wholesaler). Thus, the sales figures presented in this publication do not represent the total value of sales of that particular product by all businesses. However, work done by a manufacturer on commission for another manufacturer would be included in the sales figures presented here.

**COMMODITY DIVISIONS WITH SALES (PLUS TRANSFERS OUT) OF AT LEAST
\$1,000m IN 1989-90**

<i>ASCC division code</i>	<i>Description</i>	<i>Sales and transfers out (\$m)</i>
01	Meat and meat preparations	7,302
02	Dairy products (a)	3,963
04	Cereals and cereal preparations	4,356
05	Vegetables and fruit	2,067
06	Sugars, sugar preparations and honey	2,243
07	Coffee, tea, cocoa, spices and manufactures thereof	n.p.
08	Feeding stuff for animals (excluding unmilled cereals)	1,680
09	Miscellaneous edible products and preparations	1,308
11	Beverages	4,206
24	Cork and wood	1,701
28	Metalliferous ores and metal scrap (a)	n.p.
33	Petroleum, petroleum products and related materials	6,409
52	Inorganic chemicals	1,148
53	Dyeing, tanning and colouring materials	1,635
54	Medicinal and pharmaceutical products	1,719
55	Essential oils, perfume materials, cosmetics and toilet preparations, polishing and cleansing preparations	1,655
57	Plastics in primary forms	1,567
58	Plastics in non-primary forms	1,863
59	Other chemical materials and products	3,460
62	Rubber products, n.e.s.	1,081
63	Cork and wood products (excluding furniture)	2,696
64	Paper, paperboard and articles of paper pulp, of paper or of paperboard	4,560
65	Textile yarns, fabrics, made-up articles and related products	2,889
66	Non-metallic mineral manufactures, n.e.s.	5,603
67	Iron and steel	8,505
68	Non ferrous metals	8,896
69	Other metal products	10,427
71	Power generating machinery and equipment	1,072
72	Machinery specialised for particular industries	2,220
74	General industrial machinery and equipment and parts	3,106
76	Telecommunications and sound recording and reproducing apparatus and equipment	1,762
77	Other electrical machinery and apparatus; electric appliances (including non electric household appliances) and electrical parts	4,321
78	Road vehicles (including air-cushion vehicles)	10,325
79	Other transport equipment	2,224
81	Prefabricated buildings; sanitary, plumbing, heating and lighting fixtures and fittings, n.e.s.	1,057
82	Furniture and furniture components; bedding, mattresses, mattress supports, cushions and similar stuffed furnishings	2,869
84	Clothing and clothing accessories	3,424
89	Miscellaneous manufactured articles, n.e.s.	8,704

(a) It is not possible to include any further details in this publication for this commodity division.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 01 - MEAT AND MEAT PREPARATIONS		(b)7,302,013
MEAT OF BOVINE ANIMALS, FRESH, CHILLED OR FROZEN—		
Meat of bovine animals, fresh or chilled—		
011.11	With bone in	772,751
011.12	Boneless	971,727
Meat of bovine animals, frozen—		
011.21	With bone in	197,766
011.22	Boneless	1,441,180
OTHER MEAT AND EDIBLE MEAT OFFAL, FRESH, CHILLED OR FROZEN (EXCLUDING MEAT AND MEAT OFFAL UNFIT FOR HUMAN CONSUMPTION)—		
Meat of sheep or goats, fresh, chilled or frozen—		
012.11	Meat of sheep, fresh or chilled	408,044
012.12	Meat of sheep, frozen	172,712
012.13	Meat of goats, fresh, chilled or frozen	14,490
Meat of swine, fresh, chilled or frozen—		
012.21	Meat of swine, fresh or chilled	172,700
012.22	Meat of swine, frozen	29,513
Meat and edible offal of poultry, fresh, chilled or frozen—		
012.31	Poultry not cut in pieces, fresh or chilled	472,893
012.32	Poultry not cut in pieces, frozen	171,458
Fatty livers of geese or ducks, fresh or chilled; poultry cuts and offal, n.e.s., fresh or chilled; poultry cuts and offal (other than livers), frozen; poultry livers, frozen—		
012.37	Poultry cuts, fresh or chilled	331,585
012.38	Poultry cuts, frozen	186,045
012.39	Poultry offal, fresh, chilled or frozen	13,772
Other meat and offal for human consumption, fresh, chilled or frozen—		
012.60	Meat offal (other than poultry offal), for human consumption, fresh, chilled or frozen	110,989
012.40	Meat of horses, asses, mules or hinnies, fresh, chilled or frozen	} 16,716
012.80	Meat, fresh, chilled or frozen, n.e.s. (e.g. rabbits)	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 01 - MEAT AND MEAT PREPARATIONS—continued		
MEAT AND EDIBLE MEAT OFFAL, SALTED, IN BRINE, DRIED OR SMOKED; EDIBLE FLOURS AND MEALS OF MEAT OR MEAT OFFAL—		
Bacon, ham and other dried, salted or smoked meat of swine—		
(c) 016.11	Hams, shoulders and cuts thereof, with bone in	157,361
(c) 016.18	Bellies (streaky) and cuts thereof; Other	512,448
Meat and edible meat offal, other than meat of swine, salted, in brine, dried or smoked; edible flours and meals of meat or meat offal—		
Meat of bovine animals—		
016.82	Corned beef - not canned	20,489
(c) 016.83	Corned beef - canned	n.p.
016.84	Other meat and edible meat offal, of bovine animals (e.g. smoked beef); edible flours and meals of meat or meat offal, of bovine animals	12,013
016.85	Other, including edible flours and meals of meat or meat offal	2,638
OTHER PREPARED OR PRESERVED MEAT AND EDIBLE MEAT OFFAL—		
Sausages and similar products, of meat, meat offal or blood (e.g. salami, frankfurters, black pudding, saveloys, bolognas); food preparations based on these products—		
017.21	Canned	17,423
Not canned—		
017.22	Of meat, offal or blood, of poultry	127,732
017.23	Other	300,984
Other prepared or preserved meat or meat offal—		
017.71	Meat pies	252,828
017.72	Prepared meals (e.g. TV dinners), of meat or meat offal	199,687
017.73	Meat pastes	18,271
(c) 017.74	Canned mixed meat and vegetables	n.p.
(c) 017.76	Canned bacon or ham	n.p.
017.77	Canned prepared or preserved meat or meat offal, n.e.s.	12,806
017.78	Poultry meat and meat offal, prepared or preserved, n.e.s., not canned	57,019
017.79	Meat and meat offal, prepared or preserved, n.e.s. (e.g. crumbed lamb cutlets)	74,232
ASCC DIVISION 02 - DAIRY PRODUCTS AND BIRDS' EGGS		(b)3,962,290

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 03 - FISH, CRUSTACEANS, MOLLUSCS AND OTHER AQUATIC INVERTEBRATES, PREPARED OR PRESERVED		(b)726,380
FISH, PREPARED OR PRESERVED—		
(c) 034.40	Fish fillets, frozen	103,605
035.00	Fish, dried, salted, in brine or smoked	14,238
(c) 037.18	Fish canned (excluding canned pet food)	67,259
038.01	Fish fingers or portions, battered or crumbed	18,151
038.02	Other (e.g. fish loaf, cake, balls and paste)	6,481
CRUSTACEANS, MOLLUSCS AND OTHER AQUATIC INVERTEBRATES, CHILLED, FROZEN, SALTED OR IN BRINE —		
Crustaceans —		
Chilled or frozen (including boiled and frozen)—		
(c) 036.12	Shrimps and prawns	85,056
Rock lobsters or crayfish—		
(c) 036.13	Whole	174,522
(c) 036.14	Tails	99,050
(c) 036.15	Other (e.g. crabs)	5,484
036.21	Other (e.g. dried, salted or in brine)	n.p.
Molluscs, and other aquatic invertebrates(excluding oysters chilled, frozen or bottled in brine)—		
(c) 036.34	Abalone	n.a.
(c) 036.36	Scallops	16,317
(c) 036.38	Other (e.g. mussels, cuttlefish, octopus, squid)	2,574
OTHER PRESERVED OR PREPARED CRUSTACEANS, MOLLUSCS OR OTHER AQUATIC INVERTEBRATES (E.G. COOKED, CANNED, BOTTLED, CRUMBED OR BATTERED, AS PREPARED FROZEN SEAFOOD MEALS (EXCLUDING OYSTERS CHILLED, FROZEN OR BOTTLED IN BRINE)—		
(c) 037.23	Abalone	69,882
037.24	Shrimps and prawns	20,277
037.25	Other (e.g. smoked mussels and oysters)	4,291

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 04 - CEREALS AND CEREAL PREPARATIONS		(b)4,356,226
CEREAL FLOURS—		
Flour of wheat or of meslin—		
046.11	Self raising	117,743
(c) 046.12	Other	427,104
Other cereal flours —		
047.13	Rice flour	—
(c) 047.11	Maize (corn) flour	17,639
047.12	Rye flour; barley flour for human consumption	
047.14	Other	
CEREAL GRAINS, WORKED OR PREPARED IN A MANNER NOT ELSEWHERE SPECIFIED (INCLUDING "PREPARED BREAKFAST FOODS")—		
(c) 048.11	Prepared foods obtained by the swelling or roasting of cereals or cereal products (e.g. cornflakes, muesli)	423,507
048.12	Cereals other than maize (corn), in grain forms, pre-cooked or otherwise prepared	n.p.
(c) 048.16	Other worked cereal grains (e.g. hulled, pearled, clipped, sliced, kibbled, rolled, flaked or further prepared), for human consumption	55,392
048.17	Other worked cereal grains, n.e.s.	n.p.
048.15	Germ of cereals, whole, rolled, flaked or ground	n.p.
MALT, WHETHER OR NOT ROASTED (INCLUDING MALT FLOUR)—		
(c) 048.20	Malt, whether or not roasted (including malt flour)	270,924
MACARONI, SPAGHETTI AND SIMILAR PRODUCTS (PASTA UNCOOKED, NOT STUFFED OR OTHERWISE PREPARED)—		
(c) 048.30	Macaroni, spaghetti and similar products (pasta uncooked, not stuffed or otherwise prepared)	77,596
BREAD, PASTRY, CAKES, BISCUITS AND OTHER BAKERS' WARES (WHETHER OR NOT CONTAINING COCOA), COMMUNION WAFERS, SEALING WAFERS, RICE PAPER AND SIMILAR PRODUCTS—		
048.18	Crumpets	26,165
048.41	Crispbread, rusks, toasted bread and similar products	45,398
(c) 048.42	Sweet biscuits, waffles, wafers, gingerbread and the like	n.a.
048.43	Cakes and pastries	441,626
(c) 048.44	Other biscuits	n.a.
048.45	Other bakers' wares (e.g. pretzels, frozen pizza pies) (excluding meat pies, bread)	94,723
048.46	Unleavened bread	6,504
048.47	Bread (excluding unleavened bread)	1,245,895
MIXES AND DOUGHS FOR THE PREPARATION OF BAKERS' WARES—		
(c) 048.50	Mixes and doughs for the preparation of bakers' wares	193,227

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 05 - VEGETABLES AND FRUIT		(b)2,066,980
POTATO CRISPS, ETC.—		
056.42	Potato crisps, flakes, etc., ready to eat	282,251
PREPARED OR PRESERVED VEGETABLES (INCLUDING ROOTS AND TUBERS)—		
(c) 054.60	Frozen vegetables (uncooked or cooked by steaming or boiling in water)	306,058
Pickled vegetables (i.e. prepared or preserved by vinegar or acetic acid)—		
(c) 056.81	Cucumber	5,719
(c) 056.82	Gherkins	9,247
(c) 056.83	Olives	n.p.
(c) 056.84	Onions	9,841
(c) 056.85	Other	7,614
056.86	Pickles and chutney	15,881
Tomatoes prepared or preserved otherwise than by vinegar or acetic acid—		
(c) 056.72	Whole or in pieces	23,320
(c) 056.73	Other (tomato pulp, puree and paste)	31,361
NUTS AND NUT PRODUCTS—		
(d) 058.42	Peanut butter	35,444
(d) 058.43	Nut butters, pastes and purees (other than peanut butter)	n.p.
058.44	Nuts, roasted	82,483
FRUIT, PRESERVED, AND FRUIT PREPARATIONS (EXCLUDING FRUIT JUICES) (WHETHER OR NOT CONTAINING ADDED SUGAR OR OTHER SWEETENING MATTER NOT INCLUDING HOMOGENIZED PREPARATIONS)—		
(c) 058.12	Jams (including conserves, fruit spreads, fruit butters, etc.)	79,294
Fruit, prepared or preserved (excluding puree, paste and pickled)—		
(c) 058.51	Apples	12,220
(c) 058.52	Apricots	20,798
(c) 058.54	Pears	n.p.
(c) 058.55	Pineapples	n.p.
(c) 058.56	Mixed fruits (including fruit salads)	69,724
(c) 058.57	Other fruits (excluding peaches)	10,350

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 05 - VEGETABLES AND FRUIT—continued		
FRUIT JUICES (INCLUDING GRAPE MUST) AND VEGETABLE JUICES, UNFERMENTED AND NOT CONTAINING ADDED SPIRIT, WHETHER OR NOT CONTAINING ADDED SUGAR OR OTHER SWEETENING MATTER—		
Orange juice, grapefruit juice or juice of any other single citrus fruit—		
(c) 059.40	Single strength	100,177
059.50	Concentrated	75,792
059.60	Reconstituted, single strength	175,549
Juice of any single fruit (excluding citrus, apple, tomato, grape must, cider and perry)—		
059.70	Single strength	13,888
059.75	Concentrated	12,645
059.80	Reconstituted, single strength	16,529
Tomato juice and single vegetable juices—		
059.92	Tomato juice	7,964
059.97	Juice of any single vegetable	n.p.
Mixtures of juices—		
059.98	Mixtures of fruit juices; mixtures of fruit and vegetable juices in which the fruit juice predominates	53,013
059.99	Mixtures of vegetable juices; mixtures of fruit and vegetable juices in which the vegetable juice predominates	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 06 - SUGARS, SUGAR PREPARATIONS AND HONEY		(b)2,242,732
SUGAR AND MOLASSES—		
	Sugars, beet or cane, raw, in solid form, not containing added flavouring or colouring matter—	
061.11	Cane sugar, raw	1,379,308
061.99	Beet sugar, raw	n.a.
	Other beet or cane sugar and chemically pure sucrose in solid form—	
061.22	Icing sugar	4,221
061.23	Refined sugar in solid form (including brown sugar), other than icing sugar	n.p.
061.50	Molasses resulting from the extraction or refining of sugar (including treacle)	30,037
061.98	Liquid refined sugar, golden syrup and artificial honey	n.p.
SUGAR CONFECTIONERY—		
	Fruit, nuts, fruit-peel and other parts of plants, preserved by sugar or other sweetening matter (drained, glaze or crystallised)—	
062.11	Crystallised, drained and glaze fruit	2,564
062.12	Nuts, fruit-peel and other parts of plants, preserved by sugar (drained, glaze or crystallised)	11,773
	Sugar confectionery, not containing cocoa (including white chocolate)—	
062.21	Chewing gum, whether or not sugar-coated	n.p.
	Other—	
062.22	Weigh-out lines (e.g. bulk sugar confectionery)	24,044
062.23	Packet lines (including tins, roll packs and fancy packs)	108,481
062.24	Novelty lines (including count lines)	8,595
062.25	Other	n.p.
ASCC DIVISION 07 - COFFEE, TEA, COCOA, SPICES AND MANUFACTURES THEREOF		n.p.
(d) 071.20	Coffee, roasted (whether or not decaffeinated or ground)	47,488
(d) 071.34	Instant coffee	235,541
073.20	Chocolate confectionery for sale or transfer out for further manufacturing purposes i.e. chocolate in bulk (in blocks or slabs, or in liquid, paste, powder, granular or other bulk form in containers or immediate packings of a content exceeding 2 kg)	229,421

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 08 - FEEDING STUFF FOR ANIMALS (EXCLUDING UNMILLED CEREALS)		(b)1,679,908
BRAN, SHARPS AND OTHER CEREAL RESIDUES—		
081.25	Of rice	n.a.
(c) 081.21	Wheat bran for animal feed	7,172
081.22	Wheat bran for human consumption (excluding bran used for breakfast food)	n.p.
(c) 081.27	Other, of wheat or rye	26,851
081.28	Of other cereals or leguminous plants (e.g. maize, oats, barley)	6,282
PREPARED STOCK AND POULTRY FEEDS—		
(c) 081.91	Poultry pellets and crumbles	527,248
(c) 081.93	Pig feeds	207,319
(c) 081.96	Cattle feeds	93,200
(c) 081.97	Other prepared stock and poultry feeds (including concentrated foods but excluding straight mixtures of crushed or uncrushed cereals poultry mash and calf food of processed milk products and feed supplements)	84,508
ASCC DIVISION 09 - MISCELLANEOUS EDIBLE PRODUCTS AND PREPARATIONS		(b)1,307,940
SAUCES, CONDIMENTS—		
098.41	Soya sauce	3,397
(c) 098.42	Tomato sauces and tomato ketchup	67,080
098.46	Worcestershire sauce	6,929
098.45	Other liquid sauces (e.g. mint, chilli, BBQ)	42,684
098.71	Mixed condiments and seasonings (e.g. celery salt)	79,840
MISCELLANEOUS FOOD PRODUCTS—		
(c) 098.74	Milk based preparations for infant use (excluding those containing 10% or more of cocoa)	99,758
098.75	Malt extracts	21,530
098.76	Health, invalid or baby preparations (excluding milk preparations)	n.p.
098.78	Concentrated cordial extracts (excluding essences) for sale or transfer out as such	n.p.
(c) 098.79	Fruit juice cordials and syrups (containing at least 25% by volume pure fruit juice, but excluding natural fruit juice and post mix concentrates)	151,779
(c) 098.81	Cordials and syrups (imitation and flavoured) (excluding post mix concentrates)	31,738
098.80	Flavouring essences, domestic	2,803
(d) 098.88	Flavouring essences, industrial (including those for use in soft drink manufacturing)	74,729
(c) 098.82	Milk based mixes for soft serves and thick shakes	15,974
098.83	Ice cream mixes	—
098.84	Jelly crystals	n.p.
098.85	Custard powder and the like	7,896
098.86	Powder flavours for soft drinks (excluding saline and milk drink flavouring powders)	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 11 - BEVERAGES		(b)4,206,054
NON-ALCOHOLIC BEVERAGES (EXCLUDING MINERAL WATERS AND AERATED WATERS)—		
111.10	Flavoured whole milk drinks	111,138
111.15	Sparkling non-alcoholic apple or pear juice	n.p.
	Other non alcoholic beverages—	
(c) 111.18	Containing at least 25% by volume of pure fruit or vegetable juice	116,821
(c) 111.19	Containing less than 25% by volume of pure fruit or vegetable juice (including drinks with no fruit or vegetable juice content)	25,377
ALCOHOLIC BEVERAGES—		
112.13	Vermouth	n.a.
112.15	Sparkling wines	59,133
	Beverage wine of fresh grapes—	
112.16	Fortified	107,867
112.18	Unfortified	478,431
	Beer made from malt (including ale, stout, and porter)—	
	Low alcohol beer containing less than 1.15% but more than 0.5% by volume of alcohol—	
(c) 112.31	Canned	10,345
(c) 112.32	Bottled	1,383
	Other (i.e. containing 1.15% or more by volume of alcohol)—	
(c) 112.33	Bulk	471,444
(c) 112.34	Canned	n.p.
(c) 112.35	Bottled	877,191
ASCC DIVISION 12 - TOBACCO AND TOBACCO MANUFACTURES		n.p.
122.20	Cigarettes, containing tobacco	777,471
122.40	Other (e.g. cigars, cheroots, cigarillos and tobacco for use in pipes or for making cigarettes)	n.p.
ASCC DIVISION 21 - RAW HIDES, SKINS AND FURSKINS		n.p.
RAW HIDES AND SKINS (EXCEPT FURSKINS) WHETHER OR NOT DEHAIRIED OR SPLIT—		
211.31	Raw hides and skins, bovine, salted (dry salted or wet salted by means of brine)	209,624
211.32	Raw hides and skins, bovine, fresh, limed or dried	144,130
211.34	Sheep and lamb skins, fresh, salted, limed or dried	83,127
211.36	Other raw hides and skins, fresh, salted, limed or dried	10,986
211.35	Sheep and lamb skins, pickled or otherwise preserved	} 12,614
211.37	Other raw hides and skins, pickled or otherwise preserved	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 22 - OIL SEEDS AND OLEAGINOUS FRUITS		n.p.
ASCC DIVISION 23 - CRUDE RUBBER (INCLUDING SYNTHETIC AND RECLAIMED)		n.p.
ASCC DIVISION 24 - CORK AND WOOD		(b)1,701,152
WOOD IN CHIPS OR PARTICLES —		
(d) 246.12	Hardwoods (broad leaved)	368,625
(d) 246.13	Softwoods (coniferous)	n.a.
WOOD IN THE ROUGH OR ROUGHLY SQUARED—		
247.30	Wood in the rough (whether or not stripped of bark or sapwood) or roughly squared, treated with paint, stains or other preservatives (including logs, pile, etc., but excluding sawn timber, dressed or undressed)	113,085
WOOD, SIMPLY WORKED, AND RAILWAY SLEEPERS OF WOOD—		
248.12	Railway or tramway sleepers, sawn, undressed	13,750
	Undressed sawn timber (including timber treated with a chemical preservative or kiln dried) (excluding sleepers and shingles)—	
248.65	Palings (including undressed pickets for sale or transfer out as such)	16,913
	Obtained from logs sawn in the mill or logs sawn for the mill on commission by another mill (excluding sleepers, palings and shingles)—	
248.47	Hardwoods	463,424
248.66	Softwoods (non-pored timbers)	231,724
248.67	Obtained from re-sawing of sawn timber purchased or transferred in (excluding sleepers, palings and shingles)	75,959
248.68	Seasoned (including kiln dried) timber not sawn or re-sawn in the same mill (excluding sleepers, palings and shingles)	32,679
DRESSED TIMBER AND MOULDINGS (EXCLUDING TIMBER PARQUETRY)—		
248.71	Pickets	n.a.
	Floorboards—	
248.72	Australian timber	59,198
248.73	Imported timber	7,189
	Weatherboards—	
248.74	Australian timber	28,235
248.75	Imported timber	7,331
248.81	Other	258,247
ASCC DIVISION 25 - PULP AND WASTE PAPER		n.p.
251.20	Mechanical wood pulp	} 239,184
251.70	Chemical wood pulp	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 26 - TEXTILE FIBRES (NOT MADE INTO YARN OR FABRIC) (EXCLUDING WOOL TOPS AND OTHER COMBED WOOL)		(b)386,766
	COTTON—	
263.10	Cotton (other than linters), not carded or combed	70,874
	SYNTHETIC FIBRES SUITABLE FOR SPINNING; OTHER MAN-MADE FIBRES SUITABLE FOR SPINNING—	
262.01	Man-made or synthetic staple fibres, not carded, combed or otherwise processed for spinning	
(c) 262.03	Man-made or synthetic staple fibres, carded, combed or otherwise processed for spinning	
262.02	Man-made or synthetic filament tow	—
ASCC DIVISION 27 - CRUDE FERTILISERS (EXCEPT MINERAL OR CHEMICAL) AND CRUDE MINERALS (EXCEPT COAL, PETROLEUM AND PRECIOUS STONES)		(b)159,828
	ANIMAL OR VEGETABLE FERTILISERS, WHETHER OR NOT MIXED TOGETHER OR CHEMICALLY TREATED; FERTILISERS PRODUCED BY THE MIXING OR CHEMICAL TREATMENT OF ANIMAL OR VEGETABLE PRODUCTS—	
272.11	Animal or vegetable fertilisers (including mixtures thereof; excluding chemically treated or if in packages not exceeding 10 kg)	43,503
272.12	Fertilisers produced by the chemical treatment of animal or vegetable fertilisers	8,902
ASCC DIVISION 28 - METALLIFEROUS ORES AND METAL SCRAP		n.p.
ASCC DIVISION 29 - CRUDE ANIMAL AND VEGETABLE MATERIALS, N.E.S.		n.p.
	GUTS, BLADDERS AND STOMACHS OF ANIMALS (OTHER THAN FISH), WHOLE AND PIECES THEREOF—	
291.81	Runners	n.a.
291.82	Casings	40,692
291.83	Bungs and weasands	72,040
291.84	Gut material for racquet strings, sutures, etc.	n.p.
291.85	Other	21,610
ASCC DIVISION 32 - COAL, COKE AND BRIQUETTES		n.p.
325.01	Retort carbon	—
325.02	Metallurgical coke; coke breeze	125,618
325.03	Char (excluding bone char)	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 33 - PETROLEUM, PETROLEUM PRODUCTS AND RELATED MATERIALS		(b)6,408,964
PETROLEUM OILS AND OILS OBTAINED FROM BITUMINOUS MINERALS AND PREPARATIONS, N.E.S., CONTAINING BY WEIGHT 70% OR MORE OF THESE OILS—		
334.11	Motor spirit (gasolene) and aviation spirit	3,130,356
334.21	Kerosene (including kerosene type jet fuel)	619,732
334.35	Gas oils and fuel oils (excluding motor spirit and kerosene)	2,162,566
334.51	Lubricating and heavy petroleum oils and heavy oils from bituminous minerals (excluding crude)	190,357
334.61	Petroleum solvents, n.e.s.	n.p.
334.62	Refinery products for further processing	63,058
RESIDUAL PETROLEUM PRODUCTS, N.E.S., AND RELATED MATERIALS—		
Tar distilled from coal, from lignite or from peat, and other mineral tars, whether or not dehydrated or partially distilled (including reconstituted tars)—		
335.27	Refined tar	} 51,234
335.28	Crude tar	
335.43	Bituminous mixtures based on natural asphalt, on natural bitumen, on petroleum bitumen, on mineral tar or on mineral tar pitch (e.g. bituminous mastics, cut-backs)	93,496
ASCC DIVISION 34 - GAS, MANUFACTURED		n.p.
346.00	Liquefied petroleum gas	274,129
ASCC DIVISION 41 - ANIMAL OILS AND FATS		n.p.
REFINED ANIMAL OILS AND FATS (EXCLUDING NEATSFOOT OIL, WOOL GREASE, ETC. AND LANOLIN)—		
(c) 411.38	Tallow (including dripping)	71,104
411.41	Other (e.g. fish liver oils, fish oils and fats, marine mammal fats and oils, lard; other pig and poultry fats and fats from bovine animals, sheep and goats)	n.p.
ASCC DIVISION 42 - FIXED VEGETABLE FATS AND OILS, CRUDE, REFINED OR FRACTIONATED		(b)94,626
(c) 421.53	Refined sunflower seed oil (including alkali-refined) and fractions	24,924
421.73	Refined rape seed oil (including alkali-refined) and fractions	15,111
ASCC DIVISION 43 - ANIMAL AND VEGETABLE OILS AND FATS, PROCESSED		n.p.
ANIMAL OR VEGETABLE FATS OR OILS AND THEIR FRACTIONS, PARTLY OR WHOLLY HYDROGENATED, INTER-ESTERIFIED, RE-ESTERIFIED OR ELAIDINIZED, WHETHER OR NOT REFINED, BUT NOT FURTHER PREPARED—		
431.21	Animal fats and oils and their fractions	} 71,494
431.22	Vegetable fats and oils and their fractions	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 51 - ORGANIC CHEMICALS		(b)725,910
HYDROCARBONS, N.E.S., AND THEIR HALOGENATED, SULPHONATED, NITRATED OR NITROSATED DERIVATIVES—		
Acyclic hydrocarbons—		
(d) 511.15	Acetylene gas	34,591
511.16	Other (e.g. ethane, butane, ethylene, propylene)	n.p.
Cyclic hydrocarbons—		
511.22	Benzene, pure	—
511.25	Styrene	—
511.28	Other (e.g. cyclohexane, toluene, xylene)	62,816
511.30	Halogenated derivatives of hydrocarbons (e.g. chloroform, carbon tetrachloride, vinyl chloride)	191,626
511.40	Sulphonated, nitrated or nitrosated derivatives of hydrocarbons, whether or not halogenated	—
ALCOHOLS, PHENOLS, PHENOL-ALCOHOLS, AND THEIR HALOGENATED, SULPHONATED, NITRATED AND NITROSATED DERIVATIVES—		
512.10	Acyclic monohydric alcohols (and industrial fatty alcohols (including ethyl alcohol and other spirits, denatured) (e.g. methanol))	102,721
	Other acyclic alcohols, and the halogenated, sulphonated, nitrated or nitrosated derivatives of acyclic alcohols—	
512.22	Glycerol (glycerine), glycerol waters and glycerol lyes	
512.26	Other (e.g. ethylene glycol, chloral hydrate)	
512.30	Cyclic alcohols and their halogenated, sulphonated, nitrated or nitrosated derivatives (e.g. menthol, sterol)	—
512.40	Phenols and phenol-alcohols, and their halogenated, sulphonated, nitrated or nitrosated derivatives	n.p.
Monocarboxylic acids and their anhydrides, halides, peroxides and peroxyacids; their halogenated, sulphonated, nitrated or nitrosated derivatives—		
513.72	Esters of acetic acid	85,794
513.60	Other (e.g. formic acid, acetic acid, fatty acids of a purity of 90% or more)	
ASCC DIVISION 52 - INORGANIC CHEMICALS		(b)1,147,726
(c) 522.31	Hydrogen chloride (hydrochloric acid); chlorosulphuric acid	35,172
(c) 522.32	Sulphuric acid; oleum	137,619

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 53 - DYEING, TANNING AND COLOURING MATERIALS		(b)1,635,169
PRINTING INK—		
533.20	News ink	61,697
533.23	Sheet fed ink	15,963
533.24	Gravure ink	7,333
533.25	Flexographic ink	27,552
533.26	Metal decorating ink	n.p.
533.27	Screen printing ink	9,636
533.22	Heat set ink	}
533.28	Other printing ink	
		30,620
PAINTS, ENAMELS, CLEARS, LACQUERS, STAINS—		
533.61	Architectural and decorative	630,704
533.62	Automotive	118,996
533.63	Industrial (other than automotive)	302,703
533.64	Miscellaneous paints and allied coatings	108,721
PUTTY, RESIN CEMENTS, CAULKING COMPOUNDS, OTHER MASTICS, FILLERS—		
533.92	Resin cements and fillers	16,691
533.93	Mastics and caulking compounds (excluding silicones)	11,472
533.94	Pre-painting fillers	n.p.
533.95	Plasters and renders	n.p.
533.91	Linseed oil putties	}
533.96	Other (e.g. silicon sealants)	
		28,417
ORGANIC SOLVENTS AND THINNERS, N.E.S., AND PREPARED DRYERS, PAINT AND VARNISH REMOVERS—		
Thinners—		
(c) 533.56	For nitro-cellulose coatings	21,155
(c) 533.57	For all other coatings	42,347
533.58	Other	11,039

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 54 - MEDICINAL AND PHARMACEUTICAL PRODUCTS		(b)1,718,538
MEDICINAL AND PHARMACEUTICAL GOODS (EXCEPT MEDICAMENTS)—		
Vitamins, vegetable alkaloids, veterinary vaccines, glands and other organs—		
541.10	Provitamins and vitamins, natural or reproduced by synthesis (including natural concentrates), derivatives used primarily as vitamins, and mixtures of the foregoing, whether or not in any solvent, not put up as medicaments	42,517
541.40	Vegetable alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives, not put up as medicaments (e.g. codeine, strychnine)	n.p.
541.65	Veterinary vaccines (including mixtures consisting of vaccines and toxoids)	41,406
541.66	Other glands and other organs, dried, and their extracts, for organo - therapeutic uses, not formulated into medicaments; blood, blood fractions, vaccines, toxins, microbial cultures (excluding yeasts) and similar products (e.g. vaccines for human use, anti-toxins, antisera, heparin)	72,567
Wadding, gauze, bandages and similar products—		
541.94	Wadding, cotton wool, absorbent cotton and the like	37,734
541.95	Other gauze, bandages and similar articles, impregnated or coated with pharmaceutical substances or put up in retail packings for medical or surgical purposes	
Other medicinal and pharmaceutical products except medicaments—		
541.96	Oral contraceptives	n.p.
541.98	Surgical sutures, gut, sterilised	424,834
541.97	Pharmaceutical goods, n.e.s. (e.g. patient-administered diagnostics, iodoform, saccharin; excluding formulated medicaments, sutures, vitamins, alkaloids).	
MEDICAMENTS (INCLUDING VETERINARY MEDICAMENTS)—		
Medicaments containing antibiotics or derivatives—		
Medicaments (e.g. medicines, drugs), containing antibiotics or derivatives thereof, mixed or put up in measured doses (e.g. tablets, ampoules, capsules) or retail packagings (excluding food or feed supplements)—		
542.14	For human use	421,199
542.15	For veterinary use	24,324

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 54 - MEDICINAL AND PHARMACEUTICAL PRODUCTS—continued		
MEDICAMENTS (INCLUDING VETERINARY MEDICAMENTS)—continued		
Medicaments containing hormones or derivatives—		
	Medicaments (e.g. medicines, drugs), containing hormones, derivatives thereof used primarily as hormones or other steroids used primarily as hormones but not containing antibiotics, mixed or put up in measured doses (e.g. tablets) or retail packagings (excluding contraceptives and food supplements)—	
542.25	For human use	n.a.
542.26	For veterinary use	n.p.
Medicaments containing alkaloids or derivatives—		
	Medicaments containing alkaloids or derivatives thereof, but not containing hormones and derivatives thereof used primarily as hormones or other steroids used primarily as hormones or antibiotics or derivatives of antibiotics, mixed or put up in measured doses (e.g. tablets) or retail packagings—	
542.33	For human use	41,848
542.34	For veterinary use	n.p.
Other medicaments and preparations—		
542.94	Saline powder, for human use, not containing aspirin or other analgesics, mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides, vaccines, toxins, microbial cultures, blood fractions)	n.p.
542.95	Medicaments, for human use, containing vitamins or derivatives thereof (including non-medicinal vitamin products), mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides, vaccines, toxins, microbial cultures, blood fractions)	94,767
542.96	Other medicaments for human use (e.g. aspirin tablets, desiccated liver tablets) mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides, vaccines, toxins, microbial cultures, blood fractions)	375,495
542.97	Drenches and anthelmintics, for veterinary use, mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides, vaccines, toxins, microbial cultures, blood fractions)	97,971
542.98	Medicaments, for veterinary use, containing vitamins or derivatives thereof (excluding feed supplements) (additives), mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides, vaccines, toxins, microbial cultures, blood fractions)	n.p.
542.99	Other medicaments for veterinary use (e.g. sulphonamides in mixed or measured doses) mixed, in measured doses or retail packagings (excluding antibiotics, hormones, alkaloids, food supplements, glycosides)	11,150

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 55 - ESSENTIAL OILS, PERFUME MATERIALS, COSMETICS AND TOILET PREPARATIONS, POLISHING AND CLEANSING PREPARATIONS		(b) 1,655,443
PERFUMES AND PERFUME AND FLAVOUR BASE MATERIALS—		
551.40	Perfume and flavour materials (including alcoholic solutions) of a kind used as raw materials in industry	16,580
553.10	Perfumes and toilet waters	31,576
COSMETICS AND TOILET PREPARATIONS FOR THE SKIN, NAILS (EXCLUDING MEDICAMENTS)—		
553.81	Barrier creams and toilet lanolin	n.p.
553.82	Sun screening preparations	25,198
553.83	Face powder, pressed	}
553.84	Face powder, loose	
553.91	Blushers, shapers and rouge	
553.85	Lipstick, lip glosser and other lip colouring	18,789
553.86	Eye make-up (all types), mascara	3,538
553.87	Eye make-up (all types), other	8,586
553.88	Make-up foundation (liquids and creams)	19,878
553.89	Skin moisturising creams and lotions	58,772
553.90	Other beauty creams and lotions	14,024
553.92	Other facial toiletries, n.e.s.	—
553.70	Hand cream (excluding barrier and medicated types)	n.p.
553.71	Hand lotions (excluding barrier and medicated types)	n.p.
553.72	Nail and cuticle preparations (excluding lacquers, varnishes and polishes)	}
553.73	Nail lacquers, varnishes and polishes	
553.74	Talcum and other skin powder	2,314
553.75	Other beauty or make-up preparations (other than medicaments)	3,254
PREPARATIONS FOR USE ON THE HAIR—		
(c) 553.31	Shampoo (including those containing soap)	91,087
553.35	Conditioners	44,967
553.36	Preparations for permanent waving or straightening	15,763
553.37	Hair sprays (lacquers)	24,025
553.38	Hair colouring	30,889
553.39	Other	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)	
ASCC DIVISION 55 - ESSENTIAL OILS, PERFUME MATERIALS, COSMETICS AND TOILET PREPARATIONS, POLISHING AND CLEANSING PREPARATIONS—continued			
OTHER TOILETRIES—			
553.40	Preparations for oral or dental hygiene, including denture fixative pastes and powders	56,336	
553.58	Pre-shave, shaving preparations	}	12,567
553.56	After shave preparations		
553.52	Personal deodorants and anti-perspirants		46,844
553.54	Preparations for perfuming or deodorising rooms (including odoriferous preparations used during religious rites)		30,397
553.57	Perfumed bath salts and other bath preparations; depilatories and perfumery, cosmetic or toilet preparations, n.e.s.		n.p.
SOAP AND CLEANSING PREPARATIONS—			
Soap and organic surface-active products and preparations, in the form of bars, cakes, moulded pieces or shapes (including medicated products)—			
(c) 554.12	For toilet use		121,091
554.13	For other uses		n.p.
Soap in other forms—			
554.14	For personal use		9,847
554.16	Other		28,195
554.27	Other surface cleaning preparations and degreasing preparations (including oven and stove cleaners) (excluding polishes and creams for footwear, furniture, floors, glass or metal)		60,893
POLISHING PREPARATIONS—			
554.31	Polishes, creams and similar preparations, for footwear or leather (including paper, wadding, felt, non woven fabrics, cellular plastic or cellular rubber materials, impregnated, coated or covered with such preparations)		6,790
(c) 554.39	Scouring pastes and powders and other scouring preparations (including abrasive soap not in bars, etc.)		11,816
554.40	Rubbing compounds		n.p.
554.44	Polishes and creams for automobiles	}	61,338
554.46	Polishes and creams for floors		
554.47	Polishes and creams for furniture		
554.49	Other polishes and creams		

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 56 - MINERAL AND CHEMICAL FERTILISERS		(b)796,259
MINERAL OR CHEMICAL FERTILISERS—		
Phosphatic fertilisers—		
(c) 562.23	Single superphosphates	336,491
(c) 562.24	Double superphosphates	n.p.
(c) 562.25	Triple superphosphates	8,105
(c) 562.26	Other (including basic (thomas) slag)	n.p.
562.90	Other fertilisers (excluding fertilisers which are solely nitrogenous or potassic, but including mixed chemical fertilisers i.e. fertilisers containing two or three of the fertilising elements, nitrogen, phosphorus and potassium.)	243,362
ASCC DIVISION 57 - PLASTICS IN PRIMARY FORMS		(b)1,567,169
PLASTICS IN PRIMARY FORMS (I.E. LIQUID, PASTE, POWDER, GRANULES, FLAKES, BLOCKS, IRREGULAR SHAPES, LUMPS AND OTHER SIMILAR BULK FORMS)—		
Not mixed or compounded with any other substances (excluding regranulated scrap)—		
(c) 571.13	Polyethylene	357,916
(c) 572.14	Polystyrene	131,216
(c) 573.15	Polyvinyl chloride	n.p.
(c) 575.14	Polypropylene	200,644
(c) 575.98	Polyvinyl acetate	n.p.
(c) 576.01	Other plastics (e.g. SAN, ABS, polyesters, acrylics, phenolics, ureas, melamines)	559,872
(c) 576.02	Mixed or compounded with other substances, such as plasticisers, stabilisers, fillers and colouring matter (excluding regranulated scrap)	168,723
Regranulated scrap—		
(c) 576.04	Of single thermoplastic material	14,279
(c) 579.00	Of a mixture of more than one thermoplastic material	1,173

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 58 · PLASTICS IN NON-PRIMARY FORMS		(b)1,863,221
TUBES, PIPES AND HOSES OF PLASTICS—		
Tubes, pipes and hoses—		
581.81	Of low density polyethylene (including linear low density polyethylene)	n.a.
(c) 581.82	Of high density polyethylene	n.a.
	Of rigid polyvinyl chloride (plasticiser content 1% or less by weight of PVC)—	
581.21	Electrical conduit	84,338
(c) 581.22	Other	280,498
	Of flexible polyvinyl chloride (plasticiser content exceeding 1% by weight of PVC)—	
581.83	Garden hose (including lay flat hose), with fittings	23,716
581.84	Garden hose (including lay flat hose), without fittings	12,317
581.86	Other	19,732
581.87	Of other plastics	96,219
Plastic fittings for tubes, pipes and hoses (e.g. joints, elbows, flanges)—		
581.71	Garden hose fittings	} 36,107
581.72	Other	
PLATES, SHEETS, FILM, FOIL AND STRIP, OF PLASTICS—		
Self adhesive plastic plates, sheets, film, foil, tape, strip and other flat shapes (excluding floor, wall and ceiling coverings)—		
582.11	In rolls of a width not exceeding 20 cm	65,446
582.19	Other	12,074
Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials—		
Of polymers of ethylene—		
Flexible plates, sheets, film, foil and strip of plastic (excluding self-adhesives and floor, wall and ceiling coverings; vulcanised fibre and plastic foam)—		
(c) 582.31	Low density (including linear low density polyethylene)	196,724
(c) 582.38	High density	85,154
582.35	Rigid plastic sheeting, plates, boards and panels (excluding those of vulcanised fibre; plastic foam; if self-adhesive; floor, wall or ceiling coverings)	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 58 - PLASTICS IN NON-PRIMARY FORMS—continued		
PLATES, SHEETS, FILM, FOIL AND STRIP, OF PLASTICS—continued		
Other plates, sheets, film, foil and strip, of plastics, non-cellular and not reinforced, laminated, supported or similarly combined with other materials—continued		
Of polymers of propylene; of polymers of styrene; of polymers of vinyl chloride; of acrylic polymers; of polycarbonates, alkyd resins or other polyesters—		
Flexible plates, sheets, film, foil and strip of plastic (excluding self-adhesives and floor, wall and ceiling coverings; vulcanised fibre and plastic foam)—		
(c) 582.32	Of polymers of vinyl chloride	32,114
(c) 582.33	Of polymers of propylene	17,636
(c) 582.34	Other	112,118
Rigid plastic sheeting, plates, boards and panels (excluding those of vulcanised fibre; plastic foam; if self-adhesive; floor, wall or ceiling coverings)—		
582.36	Of polymers of vinyl chloride	n.p.
582.37	Of other plastics	n.a.
Other plates, sheets, film, foil and strip, of plastics—		
582.91	Cellular (plates, sheets and strip, of cellular (i.e. foam or expanded) plastics)	216,663
Other—		
582.92	Flexible plates, sheets, film, foil and strip of plastic (excluding self-adhesives and floor, wall and ceiling coverings; vulcanised fibre and plastic foam), reinforced, laminated or supported with other materials	n.a.
Rigid plastic sheeting, plates, boards and panels (excluding those of vulcanised fibre; plastic foam; if self-adhesive; floor, wall or ceiling coverings)—		
582.93	Reinforced (e.g. with fibreglass)	100,322
582.94	Laminated or supported with other materials	
MONOFILAMENT OF WHICH ANY CROSS-SECTIONAL DIMENSION EXCEEDS 1 MM, RODS, STICKS AND PROFILE SHAPES, WHETHER OR NOT SURFACE-WORKED BUT NOT OTHERWISE WORKED, OF PLASTICS—		
583.21	Of polymers of vinyl-chloride (plasticised)	83,733
583.22	Of polymers of vinyl-chloride (unplasticised)	32,887
583.30	Other	111,636

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 59 - OTHER CHEMICAL MATERIALS AND PRODUCTS		(b)3,459,792
INSECTICIDES, HERBICIDES, DISINFECTANTS—		
Insecticides put up in forms or packings for retail sale or as preparations or articles—		
591.11	Pyrethroids	68,699
Weed killers (herbicides), anti-sprouting products and plant growth regulators, put up in forms or packings for retail sale or as preparations or articles—		
591.31	Triazines	79,642
591.32	Substituted ureas, urecils	n.p.
591.33	Phenoxy acid derivatives	n.p.
591.34	Mixtures	n.p.
591.35	Other	95,488
591.41	Disinfectants put up in forms or packings for retail sale or as preparations or articles	40,379
ADHESIVE AND GLUES (EXCLUDING BITUMINOUS ADHESIVES)—		
592.32	Put up for retail sale in packages not exceeding a net weight of 1 kg	66,865
Other—		
592.33	Casein glues	n.p.
Adhesives based on rubber—		
592.34	Natural rubber	}
	Synthetic rubber—	
592.35	Latex based	
592.36	Solutions	
592.37	Hot melts	}
592.38	Other (e.g. silicones)	
592.39	Animal or vegetable (including fish)	3,597
Plastics or artificial resins—		
592.41	Polyvinyl acetate	23,168
592.42	Acrylic or acrylic co-polymers	10,467
592.43	Epoxy	23,512
592.44	Urethanes	11,313
592.45	Hot melts (e.g. EVA or PE)	3,421
592.46	Other	19,214
592.47	Other adhesives n.e.s.	55,298

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 59 - OTHER CHEMICAL MATERIALS AND PRODUCTS—continued		
EXPLOSIVES AND PYROTECHNIC PRODUCTS—		
593.10	Propellant powders and other prepared explosives (e.g. gelignite, TNT)	357,386
593.20	Safety fuses; detonating fuses; percussion or detonating caps; igniters; electric detonators	
593.30	Fireworks, signalling flares, rain rockets, fog signals and other pyrotechnic articles	
PREPARED ADDITIVES FOR MINERAL OILS AND THE LIKE; LUBRICATING PREPARATIONS—		
597.20	Anti-knock preparations, oxidation inhibitors, gum inhibitors, viscosity improvers, anti-corrosive preparations and other prepared additives, for mineral oils (including gasoline) or for other liquids used for the same purposes as mineral oils	20,587
597.70	Lubricating preparations (cutting-oil preparations, bolt or nut release preparations, anti-rust or anti-corrosion preparations and mould release preparations, based on lubricants) and preparations of a kind used for the oil or grease treatment of textile materials, leather, furskins or other materials, but excluding preparations containing, as basic constituents, 70% or more by weight of petroleum oils or of oils obtained from bituminous minerals	18,314
MISCELLANEOUS CHEMICAL PRODUCTS—		
598.93	Compound plasticisers for rubber or plastics, n.e.s.; anti-oxidizing preparations and other compound stabilizers for rubber or plastics	58,454
598.97	Prepared additives for cements, mortars or concretes	36,062
READY MIXED CONCRETE AND READY MIXED MORTAR—		
(c) 596.01	Concrete, ready mixed	1,796,043
596.02	Mortar, ready mixed	2,722

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 61 - LEATHER, LEATHER PRODUCTS AND DRESSED FURSKINS		(b)423,306
LEATHER—		
Chrome tanned leather (including re-tanned), dressed or finished—		
614.21	Grain (excluding upholstery, suede and lining), calf and yearling	133,886
614.22	Grain (excluding upholstery, suede and lining), cattle	43,292
614.23	Grain (excluding upholstery, suede and lining), other	4,389
614.24	Suede, grain	n.p.
614.25	Suede, flesh splits	n.p.
614.26	Lining	n.p.
614.27	Upholstery	n.p.
614.28	Dressed splits, n.e.s.	15,900
Leather - not dressed or finished—		
614.61	Splits, undressed	462
614.64	Other, chrome tanned (excluding basils)	86,647
FURSKINS, TANNED OR DRESSED (EXCLUDING CLOTHING AND CLOTHING ACCESSORIES)—		
614.81	Tanned or dressed marsupial skins with hair or wool retained	2,805
614.82	Tanned or dressed sheep and lamb skins with hair or wool retained, other than rugs	30,286
614.83	Other tanned or dressed skins with hair or wool retained	} 17,869
614.84	Tanned or dressed sheepskin rugs with hair or wool retained	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 62 - RUBBER PRODUCTS, N.E.S.		(b)1,080,908
MATERIALS OF RUBBER (E.G. PASTES, PLATES, SHEETS, RODS, THREAD, TUBES)—		
621.10	Compounded rubber, unvulcanised, in primary forms or in plates, sheets or strip	60,686
	Other forms (e.g. rods, tubes and profile shapes) and articles (e.g. discs and rings), of unvulcanized rubber—	
(d) 621.21	'Camel-back' strips for retreading rubber tyres	
	Other—	
(d) 621.22	Unvulcanised rubber strip (e.g. orbi-strip) for retreading rubber tyres	31,775
621.23	Other unvulcanised rubber in other forms and articles (rods, tubes, and profile shapes, discs and rings)	17,069
	Plates, sheets, strips, rods and profile shapes, of unhardened vulcanised rubber—	
621.32	Cellular rubber	132,993
621.33	Non-cellular rubber	36,914
	Tubes, pipes and hoses, of unhardened vulcanised rubber—	
(d) 621.41	Not reinforced or otherwise combined with other materials, without fittings	12,866
(d) 621.49	Reinforced with or otherwise combined with metal, with textile materials or with other materials (without fittings)	46,974
(d) 621.45	With fittings (e.g. joints, elbows, flanges)	4,890
OTHER ARTICLES OF RUBBER—		
	Conveyer or transmission belts or belting of vulcanised rubber—	
(d) 629.25	Conveyor belts and belting of vulcanised rubber	55,770
629.27	Other belts and belting of vulcanised rubber	
629.96	Hard rubber (e.g. ebonite), in all forms, articles of hard rubber (excluding hard rubber hoses and sheeting)	19,069
629.97	Articles of unhardened, vulcanised rubber n.e.s.	97,196

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 63 - CORK AND WOOD PRODUCTS (EXCLUDING FURNITURE)		(b)2,696,329
VENEERS, PLYWOOD, PARTICLE BOARD, AND OTHER WOOD, WORKED, N.E.S.—		
Veneer sheets and sheets for plywood and other wood sawn lengthwise, sliced or peeled, of a thickness not exceeding 6 mm—		
(c) 634.13	Peeled (rotary cut) veneer sheets and sheets for plywood whether or not spliced	31,603
(c) 634.14	Sliced veneer sheets and sheets for plywood whether or not spliced	18,095
Particle board and similar boards of wood, or other ligneous materials—		
634.24	Decorative melamine or D.A.P. laminates, simply bonded by means of an adhesive to a substrate	187,557
(c) 634.25	Other decorative melamine or D.A.P. laminates	90,314
634.26	Other laminated boards (e.g. laminated with vinyl, metal foil, etc., excluding veneered with timber)	19,094
(c) 634.27	Not laminated	152,561
Plywood consisting solely of sheets of wood, each ply not exceeding 6 mm thickness—		
634.32	Overlaid	35,717
Other than overlaid - interior glue-line—		
634.33	Peeled (rotary cut), grooved	—
634.34	Peeled (rotary cut), other	6,854
634.35	Sliced, grooved	} 6,540
634.36	Sliced, other	
Other than overlaid - exterior glue-line—		
634.37	Structural, up to and including 7 mm thickness	} 26,525
634.38	Structural, exceeding 7 mm in thickness	
634.71	Marine	3,696
634.72	Other	n.p.
634.40	Other plywood, veneered panels and similar laminated wood (with one or more ply exceeding 6 mm thickness, veneered panels and wood laminated with a timber veneer (including if also with an outer covering of plastic or base metal, etc.))	90,250
634.50	Fibreboard of wood or other ligneous materials, including if bonded with resins or other organic substances (excluding fibre paperboard and particle board)	n.p.
OTHER WOOD PRODUCTS—		
635.12	Pallets, box pallets and other load boards	54,666
Casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood (including staves)—		
635.21	Shooks (not assembled into articles)	} 7,159
635.22	Other coopers' products and parts thereof, of wood (e.g. casks, barrels, vats, tubs, staves)	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 63 - CORK AND WOOD PRODUCTS (EXCLUDING FURNITURE)—continued		
OTHER WOOD PRODUCTS—continued		
	Builders' joinery and carpentry of wood (including cellular wood panels and assembled parquet panels)—	
635.31	Windows, french-windows and their frames	153,833
	Doors and their frames and thresholds; other builders' joinery and carpentry, of wood—	
635.34	Cellular wood panels	n.p.
635.35	Parquet strips, etc. assembled into panels	2,139
635.36	Roof trusses (wooden)	151,533
635.37	Wall frames (wooden)	101,579
	Doors, hinged or sliding, wooden or wooden framed, with or without glass (excluding fire doors and small doors for cupboards and domestic appliances)—	
(d) 635.38	Flush cellular core (basic flush sheeted doors where the core between the outside surfaces is filled with paper honeycomb, wood curls, timber rails or other similar materials)	74,528
(d) 635.51	Flush blockboard core (basic flush sheeted doors where the core between the outside surfaces is completely filled with laminated timber strips)	6,995
(d) 635.52	Flush composite core (basic flush sheeted doors where the core between the outside surfaces is filled with some other material such as particle board, caneite, styrene foam or similar)	7,520
(d) 635.53	Joinery doors, other than louvered (doors made with a rigid frame of solid timber suitable for an infill of glass, plywood, timber panelling or similar)	32,765
(d) 635.54	Louvered doors (joinery doors where the frame is infilled with thin timber overlapping strips)	n.a.
(d) 635.55	Feature entrance doors (doors which can be from any of the above types, where the manufacturer has by way of carving, grooving, embossing or other processing produced a decorative main entrance door)	26,633
(d) 635.56	Other	10,667
(d) 635.57	Wooden or wooden framed doors, other than hinged or sliding, with or without glass (including tilting and concertina type)	7,692
635.58	Fire doors (AS 1905-1984), of wood	7,419
635.59	Other builders' joinery and carpentry, of wood	890,293
	Manufactures of wood for domestic or decorative use (excluding furniture)—	
635.41	Wooden frames for paintings, photographs, mirrors or similar objects (including pre-cut kits)	69,412
	Manufactured articles of wood, n.e.s.—	
635.91	Tools, tool bodies, tool handles, broom or brush bodies and handles, of wood; boot or shoe lasts and trees	13,875
635.13	Packing cases, boxes, crates, drums and similar packings (excluding cable drums)	28,473
635.61	Manufactured articles of wood, n.e.s.	190,189

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 64 - PAPER, PAPERBOARD AND ARTICLES OF PAPER PULP, OF PAPER OR OF PAPERBOARD		(b)4,559,889
PAPER AND PAPERBOARD - IN ROLLS OR STRIPS EXCEEDING 15 CM WIDE OR IN SHEETS EXCEEDING 36 CM BY 15 CM, UNFOLDED—		
641.87	Uncoated paper and paperboard in strips, rolls or sheets (excluding vegetable parchment, grease proof papers, tracing papers, glassine and other glazed transparent or translucent papers; filter paper and paperboard)	448,106
(c) 642.48	Paper and paperboard of a kind used for writing, printing or other graphic purposes (excluding newsprint)	795,678
CONTAINERS, STATIONERY AND OTHER ARTICLES OF PAPER OR OF PAPERBOARD—		
642.51	Cartons, boxes and cases, of corrugated paper or paperboard (corrugated paperboard containers)	848,915
	Cartons, boxes, cases, bags and similar packing containers, of paper and paperboard, box files, letter trays and similar articles of paper or paperboard of a kind used in offices, shops or the like—	
642.17	Multi-wall sacks and bags (excluding cones)	163,020
642.18	Other sacks and bags (excluding cones)	61,059
642.19	Solid paperboard containers	207,024
642.52	Other	95,585
	Envelopes, letter cards, plain postcards and correspondence cards, of paper or paperboard; boxes, pouches, wallets and writing compendiums, of paper or paperboard, containing an assortment of paper stationery—	
642.21	Envelopes	148,166
642.24	Letter cards, plain postcards and correspondence cards; boxes, pouches, wallets and writing compendiums, of paper or paperboard, containing an assortment of paper stationery	136,447
642.43	Toilet paper, cut to size, in rolls or sheets (including those perforated for tearing into sheets)	219,511
	Other articles of paper pulp, paper, paperboard or cellulose wadding—	
642.93	Trays, dishes, plates, cups and the like, of paper or paperboard	73,639
642.97	Sanitary towels and tampons and baby napkins (nappies) of paper or cellulose wadding	252,089

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 65 - TEXTILE YARNS, FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS (b)2,888,824		
WOOLLEN YARNS (EXCLUDING ELASTIC AND ELASTOMERIC)—		
Yarn containing 95% or more carded sheeps' or lambs' wool (by weight)—		
(c) 651.01	Of a kind ordinarily used in carpet manufacture	n.a.
(c) 651.02	Other	n.a.
Yarn predominantly of carded wool but containing less than 95% carded sheeps' or lambs' wool (by weight)—		
(c) 651.03	Of a kind ordinarily used in carpet manufacture	57,444
(c) 651.04	Other	n.p.
Yarn containing 95% or more combed sheeps' or lambs' wool (by weight)—		
(c) 651.05	Machine knitting worsted yarn	35,473
651.06	Other worsted yarn	54,906
Yarn predominantly of combed wool but containing less than 95% combed sheeps' or lambs' wool (by weight)—		
(c) 651.07	Machine knitting yarn	10,073
651.08	Other woollen yarn	10,219
COTTON YARNS AND SEWING THREAD (EXCLUDING ELASTIC AND ELASTOMERIC)—		
651.20	Sewing thread of, or predominantly of, cotton	n.p.
(c) 651.35	Yarn containing 85% or more by weight of cotton	67,112
(c) 651.36	Yarn of, or predominantly of, cotton but containing less than 85% by weight of cotton	12,086
SYNTHETIC YARNS AND SEWING THREAD (EXCLUDING ELASTIC AND ELASTOMERIC)—		
651.45	Sewing thread	n.p.
Yarns other than sewing thread—		
651.53	Polyamide filament yarn	n.p.
651.54	Other synthetic filament yarn	n.p.
651.55	Yarn of, or predominantly of, artificial fibres (e.g. viscose, acetate)	n.p.
Acrylic yarn containing 85% or more by weight of synthetic staple fibres—		
(c) 651.56	Of a kind ordinarily used in carpet manufacture	488
(c) 651.57	Other	9,829
Other synthetic yarn containing 85% or more by weight of synthetic staple fibres—		
(c) 651.58	Of a kind ordinarily used in carpet manufacture	6,687
(c) 651.65	Other	10,512

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 65 - TEXTILE YARNS, FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS—continued		
SYNTHETIC YARNS AND SEWING THREAD (EXCLUDING ELASTIC AND ELASTOMERIC)—continued		
Predominantly synthetic yarn containing less than 85% by weight of synthetic staple fibres—		
(c) 651.66	Yarn of polyester mixed with cotton	17,226
(c) 651.67	Acrylic yarn of a kind ordinarily used in carpet manufacture	n.a.
(c) 651.68	Other acrylic yarn	n.p.
(c) 651.78	Other synthetic yarn	n.a.
651.89	Monofil, strip and imitation catgut, of man-made fibre materials	n.p.
651.98	Metallised yarn; yarn of glass fibre; textile yarn, n.e.s.	n.p.
COTTON FABRICS, WOVEN (NOT INCLUDING NARROW OR SPECIAL FABRICS)—		
Broadwoven cotton fabric (other than gauze or elastic)—		
(c) 652.16	Terry towelling and similar terry fabrics	21,398
(c) 652.70	Other - containing 85% or more by weight of cotton	86,084
(c) 652.80	Other predominantly cotton fabrics containing less than 85% by weight of cotton	21,017
BROADWOVEN FABRICS, PREDOMINANTLY OF POLYESTER (EXCLUDING NARROW FABRICS AND PILE, CHENILLE, ELASTIC AND TYRE CORD FABRICS)—		
Fabrics predominantly of polyester but containing less than 85% polyester fibre—		
(c) 653.35	Polyester mixed mainly or solely with cotton	84,030
(c) 653.36	Polyester mixed mainly or solely with wool or fine animal hair	74,648
(c) 653.37	Polyester mixed mainly or solely with viscose	
(c) 653.38	Polyester mixed with other fibres	
KNITTED OR CROCHETED FABRICS (INCLUDING TUBULAR KNIT FABRICS)—		
Pile fabrics other than elastic, elastomeric and parts knitted to shape for garments and other articles—		
(d) 655.11	Long pile fabrics	34,306
(d) 655.12	Looped pile fabrics	
(d) 655.19	Other pile fabrics	
Other fabrics other than elastic, elastomeric and parts knitted to shape for garments and other articles—		
(d) 655.24	Warp knit fabrics of a width not exceeding 30 cm	n.p.
(d) 655.23	Warp knit fabrics of a width exceeding 30 cm (including those made on galoon knitting machines)	43,915
(d) 655.25	Other knitted or crocheted (including weft) of a width not exceeding 30 cm	n.p.
(d) 655.29	Other knitted or crocheted fabrics (including weft) of a width exceeding 30 cm	133,538
655.26	Elastic or elastomeric knitted or crocheted fabrics (containing 5% or more by weight of elastomeric yarn or rubber thread)	47,948

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 65 - TEXTILE YARNS, FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS—continued		
FELT—		
657.13	Felt and needleloom felt of jute/hair mixture, and felt articles (including underfelt, but excluding floor coverings, headwear, clothing and clothing accessories)	51,441
657.14	Other felt and needleloom felt, and felt articles (including underfelt, but excluding floor coverings, headwear, clothing and clothing accessories)	
TWINE, CORDAGE, ROPES AND CABLE (INCLUDING PLAITED) OF OR PREDOMINANTLY OF—		
657.53	Polyethylene fibres	3,957
657.54	Polypropylene fibres	28,976
657.55	Polyamide fibres	
657.56	Other man made fibres	1,651
657.57	Cotton	8,398
657.58	Other fibres	
MISCELLANEOUS TEXTILES AND OTHER MADE-UP ARTICLES, WHOLLY OR CHIEFLY OF TEXTILE MATERIALS—		
657.74	Wadding (other than of cellulose, or impregnated or coated with pharmaceutical substances or put up in retail packings for medical or surgical purposes)	10,315
657.76	Textile fabrics (other than rubber or plastics coated) and textile articles (other than bags), of a kind commonly used in machinery or plant	40,984
Sacks and bags of a kind used for the packing of goods—		
658.14	Canvas	n.p.
658.15	Other textiles	1,256
Exterior blinds and awnings—		
658.16	Canvas	27,071
658.17	Other textiles	9,110
Tarpaulins—		
658.18	Canvas	21,782
658.25	Polyethylene/polypropylene	3,276
658.26	Other (including coated fabrics)	6,938
658.22	Tents	7,215
658.23	Sails	7,212
658.27	Annexes	4,443
658.28	Other camping goods (excluding sleeping bags) of textile fabric	498
658.95	Motor vehicle covers of textile fabrics	7,292

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 65 - TEXTILE YARNS, FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS—continued		
HOUSEHOLD TEXTILES—		
	Blankets (non-electric), under blankets and travelling rugs, of or predominantly of wool or fine animal hair—	
658.34	Containing 95% or more by weight of wool	22,243
658.35	Other	n.p.
	Bed linen, of woven fabrics of, or predominantly of cotton—	
(c) 658.49	Sheets, pillow cases and bolster cases	59,911
658.53	Continental quilt covers	} 22,015
658.54	Other (including mattress covers)	
	Towels (including tea towels) of cotton terry towelling or similar cotton terry fabrics—	
(c) 658.61	Not exceeding 55 cm in width	6,898
(c) 658.62	Exceeding 55 cm but not exceeding 75 cm in width	22,766
(c) 658.63	Exceeding 75 cm in width	10,386
658.64	Other towels (including tea towels) of cotton terry towelling or similar cotton terry fabrics	n.p.
	Interior blinds, of woven textile materials—	
658.65	Cotton or predominantly of cotton	21,518
658.66	Other	101,430
658.67	Bedspreads (other than stuffed) of woven textile fabrics	n.p.
658.68	Furnishing articles of woven textile fabrics (other than blinds, bedspreads, lampshades and floor coverings)	35,396
658.69	Bed linen, table linen and furnishing articles, knitted or crocheted (excluding continuous curtaining)	5,176
(d) 658.71	Curtains in the piece (including continuous curtaining), knitted or crocheted	69,397
658.94	Floor-cloths, dish-cloths, dusters and similar cleaning cloths	32,530
FLOOR COVERINGS (CARPETS, CARPETING, FLOOR RUGS, MATS AND MATTING)—		
	Tufted floor coverings—	
(c) 659.41	Of or predominantly of wool or fine animal hair	290,429
(c) 659.42	Of or predominantly of nylon or other polyamides	205,912
(c) 659.43	Of or predominantly of other man-made textile fibres	125,463
	Woven floor coverings—	
(c) 659.51	Of or predominantly of wool or fine animal hair	56,339
(c) 659.53	Of other textile materials (other than coir, sisal or other hard fibres)	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 66 - NON-METALLIC MINERAL MANUFACTURES, N.E.S.		(b)5,602,869
LIME, CEMENT, AND FABRICATED CONSTRUCTION MATERIALS (EXCEPT GLASS AND CLAY MATERIALS)—		
Quicklime and slaked lime —		
661.11	Quicklime	85,749
661.12	Slaked lime	22,467
Portland cement including coloured—		
(c) 661.21	Cement clinkers	181,966
661.30	Monumental or building stone, worked, and articles thereof	129,769
661.81	Articles of asphalt or of similar materials (e.g. petroleum bitumen or coal tar pitch)	n.p.
Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust or other waste, of wood, agglomerated with cement, plaster or other mineral binders—		
661.84	Boards manufactured from wood	} 8,528
661.85	Other	
Articles of asbestos cement, of cellulose fibre-cement or the like—		
661.86	Pipes	n.p.
661.87	Other	n.a.
CLAY OR REFRACTORY CONSTRUCTION MATERIALS—		
(c) 662.30	Refractory bricks and other refractory construction materials	140,644
Non-refractory ceramic bricks, tiles, pipes and similar products—		
Ceramic building bricks, flooring blocks, support or filler tiles and the like—		
(c) 662.46	Standard size clay bricks (length 230 mm; width 110 mm; height 76 mm) (including bullnoses, squints, sills, etc.)	594,598
(c) 662.47	Non standard size clay bricks for structural purposes	50,240
(c) 662.48	Clay bricks for other than structural purposes (e.g. paving)	112,748
662.49	Other	7,881
Roofing tiles, chimney pots, cowls, chimney liners, architectural ornaments and other ceramic constructional goods—		
(c) 662.51	Terra cotta roofing tiles	65,725
662.53	Chimney-pots, cowls, chimney liners, architectural ornaments and other ceramic constructional goods	3,393
662.43	Ceramic pipes, conduits, guttering and pipe fittings	n.p.
662.44	Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing	33,705
(c) 662.45	Glazed ceramic flags and paving, hearth or wall tiles; glazed ceramic mosaic cubes and the like, whether or not on a backing	36,707

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 66 - NON-METALLIC MINERAL MANUFACTURES, N.E.S.—continued		
MINERAL MANUFACTURES, N.E.S.—		
Natural or artificial abrasive powder or grain, on a base of textile material, of paper, of paperboard or of other materials, whether or not cut to shape or sewn or otherwise made-up—		
663.24	Manufactured in Australia	43,211
663.26	Cut from imported rolls, etc.	13,823
Manufactures of mineral materials, n.e.s. (other than ceramic)—		
Articles of cement, of concrete or of artificial stone whether or not reinforced—		
663.43	Pipes	212,555
663.44	Bricks	46,827
663.45	Blocks (excluding architectural screen blocks and similar fancy blocks)	184,854
(c) 663.46	Concrete roofing tiles	281,229
663.47	Other (e.g. flagstones, vats, statuettes and ornamental goods)	357,458
663.33	Prefabricated structural components for building or civil engineering	n.a.
663.35	Mica, worked, and articles of mica (including agglomerated or reconstituted mica), whether or not on a support of paper, paperboard or other materials	n.p.
Non-electrical articles of graphite or other carbon; articles of peat; articles of stone or other mineral substances, n.e.s.—		
663.49	Manufactures of mineral materials, n.e.s. (excluding asbestos, ceramic also excluding medical or dental plasters) (e.g. non electrical articles of graphite, articles of peat and silica-lime)	17,742
663.38	Articles of other mineral substances containing magnesite, dolomite, chromite	—
663.51	Slag wool, rock wool and similar mineral wools (including mixtures), in bulk, sheets or rolls	n.p.
663.52	Exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials (including intermixtures thereof)	7,901
663.53	Mixtures and articles of heat-insulating, sound-insulating, sound-absorbing mineral materials	63,833
663.70	Refractory ceramic goods (e.g. retorts, crucibles, muffles, nozzles, plugs, supports, cupels, tubes, pipes, sheaths and rods), n.e.s.	25,057
663.82	Friction material and articles thereof (e.g. sheets, rolls, strips, segments, discs, washers, pads), not mounted, for brakes, for clutches or the like, with basis of asbestos, of other mineral substances or of cellulose, whether or not combined with other materials	18,071

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 66 - NON-METALLIC MINERAL MANUFACTURES, N.E.S.—continued		
GLASS AND GLASS FIBRES—		
664.61	Float glass and surface ground or polished glass, in sheets, whether or not having an absorbent or reflecting layer, but not otherwise worked; cast glass and rolled glass, in sheets or profiles, whether or not having an absorbent or reflecting layer, but otherwise unworked	477,232
664.73	Safety glass consisting of toughened (tempered) or laminated glass	
664.81	Rear-view mirrors for vehicles	n.p.
	Glass fibres (including glass wool) and articles thereof, n.e.s.—	
664.97	Thin sheets (voiles), mats, mattresses, boards and similar non-woven products	160,568
664.98	Other	20,743
664.99	Glass, n.e.s. (including glass in the mass, balls, rods, tubes, sheets; also including clock and watch glasses, glass envelopes (open) and glass parts without fittings for electric lamps, cathode ray tubes and the like)	16,967
GLASSWARE—		
665.13	Containers, of glass, of a kind used for the conveyance or packing of goods, stoppers and closures, of glass, glass inners for vacuum vessels	602,433
665.31	Glassware of a kind used for table, kitchen, toilet, office, indoor decoration or similar purposes (other than containers of glass, glass ampoules or glass microspheres specified elsewhere)	
665.41	Articles made of glass, n.e.s.	
POTTERY—		
	Ceramic tableware, kitchen ware and other ceramic household and toilet articles—	
666.11	Tableware and kitchen ware of porcelain or china	15,938
	Other household or toilet articles of porcelain or china; ceramic tableware, kitchen ware, other household articles and toilet articles (other than porcelain or china)—	
666.14	Tableware and kitchen ware of pottery	7,724
666.18	Ceramic toilet articles (e.g. bed pans, eye baths, soap dishes, toothbrush holders, etc.)	1,092
	Other articles—	
666.19	Of porcelain	2,428
666.31	Other (e.g. pottery)	14,241
666.22	Statuettes and other ornamental ceramic articles	6,630
PRECIOUS AND SEMI-PRECIOUS STONES, UNWORKED OR WORKED—		
667.29	Diamonds (other than industrial diamonds), worked otherwise than simply sawn, cleaved or bruted, but not mounted or set	24,632
	Precious stones (other than diamonds) and semi-precious stones, worked but not strung, mounted or set—	
667.39	Worked otherwise than simply sawn or roughly shaped	6,189

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 67 - IRON AND STEEL		(b)8,505,245
INGOTS AND OTHER PRIMARY FORMS, OF IRON OR STEEL; SEMI-FINISHED PRODUCTS OF IRON OR STEEL—		
(c) 672.40	Ingots and other primary forms, of iron or steel (such as puddled bars, pilings, blocks or lumps)	n.p.
	Semi-finished products of iron or steel—	
672.01	Pieces roughly shaped by forging	921,369
(c) 672.03	Continuous cast blooms and slabs	
(c) 672.04	Blooms and slabs from rolling or forging	
672.05	Billets from the rolling or forging of blooms	
672.06	Other	
IRON AND STEEL BASIC PRODUCTS—		
675.00	Flat rolled products of alloy steel	296,695
	Bars and rods—	
676.01	Reinforcing steel rods and bars	1,498,780
676.03	Other bars and rods	
	Angles, shapes and sections (excluding rails) and sheet piling, of iron or steel—	
676.04	Sections for house framing	29,824
676.05	Angles, shapes and sections other than for house framing (including sheet piling)	379,554
677.00	Rails and railway track construction material	54,940
TUBES, PIPES AND HOLLOW PROFILES, AND TUBE OR PIPE FITTINGS, OF IRON AND STEEL—		
	Tubes, pipes and hollow profiles, seamless, of iron or steel—	
(c) 679.11	Tubes, pipes and hollow profiles, of cast iron	658,549
679.18	Seamless tubes, pipes and hollow profiles, of iron or steel (other than cast iron)	
679.62	Other tubes and pipes of iron or steel (e.g. welded, riveted or similarly closed)	
	Tube or pipe fittings (e.g. couplings, elbows, sleeves), of iron or steel—	
(c) 679.51	Cast fittings of non-malleable cast iron	37,426
	Other cast fittings—	
(c) 679.57	Of malleable cast iron	n.p.
(c) 679.58	Of cast steel	26,561
(c) 679.61	Other tube and pipe fittings of iron or steel (including stainless steel)	17,967

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 68 - NON FERROUS METALS		(b)8,896,133
SMELTING, REFINING AND RECOVERY OF NON-FERROUS METALS OTHER THAN ALUMINA (EXCLUDING POWDERS AND FLAKES)—		
688.01	Secondary recovery from drosses, ashes or other waste material	n.p.
688.02	Secondary recovery from purchased scrap	354,453
688.03	Primary recovery	5,633,901
ROLLED, DRAWN OR EXTRUDED PRODUCTS—		
Copper—		
Copper bars, rods and profiles—		
682.33	Bars, rods (including wire rod) and profiles (excluding brass)	256,738
682.34	Bars, rods (including wire rod) and profiles, of brass	162,901
(c) 682.43	Copper wire (excluding wire rod; also excluding those stranded, braided or insulated)	28,156
682.61	Copper foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.15 mm	—
682.72	Tube or pipe fittings (excluding valves) (e.g. couplings, elbows, sleeves) of copper or copper alloys	171,368
682.90	Other rolled, drawn or extruded products of copper or copper alloys (e.g. tubes and pipes)	n.p.
Aluminium—		
684.12	Aluminium alloys, unwrought	12,186
Aluminium and aluminium alloys, worked—		
(c) 684.21	Aluminium bars, rods and profiles	517,837
(c) 684.24	Aluminium foil (whether or not printed or backed with paper, paperboard, plastics or similar backing materials) of a thickness (excluding any backing) not exceeding 0.20 mm	145,311
684.27	Aluminium tube or pipe fittings (e.g. couplings, elbows, sleeves)	23,790
(c) 684.28	Other rolled, drawn or extruded products of aluminium or aluminium alloys (e.g. pipes, tubes, plates, strip and wire)	705,177

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS		(b)10,427,107
STRUCTURES AND PARTS OF STRUCTURES, N.E.S., OF IRON, STEEL OR ALUMINIUM—		
691.11	Bridges and bridge-sections of iron or steel	35,745
691.12	Towers and lattice masts of iron or steel	7,735
Doors, windows and their frames and thresholds for doors—		
691.61	Fire doors (AS 1905-1984), of iron or steel or of aluminium	19,271
Roller doors, complete or unassembled (including components; excluding roller grilles, of iron or steel or iron/steel framed)—		
691.15	Domestic	94,921
691.16	Other	24,620
Doors, with or without glass, of iron or steel or iron/steel framed (excluding fire doors, roller doors and strong room doors)—		
691.17	Hinged doors, door sets and sliding doors (including security doors, hinged fly doors; excluding sliding door assemblies that have more than one fixed glass panel; also excluding sliding screens)	41,312
691.18	Tilting doors	7,388
691.31	Other doors (including roller grilles, concertina type doors; excluding sliding screens)	17,215
691.32	Window and window frames, of iron or steel	21,073
691.14	Props and similar equipment for scaffolding, shuttering or pit-propping (excluding ladders and steps)	57,397
Other—		
691.33	Architectural products (e.g. stairs, balustrades)	291,341
Storage structures and shelving, large scale, unassembled—		
691.35	Sheet metal	104,925
691.34	Other than sheet metal	47,621
691.36	Wire gates (cross-sectional dimension of wire 16 mm or less)	33,106
691.37	Prefabricated chimney stacks and livestock yarding equipment (e.g. portable stockyards)	30,936
691.38	Rolled form structural formwork	104,043
691.39	Other	1,053,172

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
ALUMINIUM STRUCTURES (EXCLUDING PREFABRICATED BUILDINGS) AND PARTS OF STRUCTURES—		
Roller doors, of aluminium or aluminium framed, complete or unassembled (including components but excluding roller grilles)—		
691.22	Domestic	7,946
691.23	Other	8,928
Doors, with or without glass, of aluminium or aluminium framed (excluding fire doors, roller doors and shower screen doors)—		
Hinged doors, door sets and sliding doors (including security doors, hinged fly doors; excluding sliding door assemblies that have more than one fixed panel of glass)—		
691.43	Domestic	156,412
691.44	Other	n.a.
691.25	Tilting doors	6,221
691.26	Other doors (including roller grilles and concertina type doors; excluding sliding screens)	96,172
Aluminium windows and window frames—		
691.27	Domestic	426,212
691.28	Other	196,557
691.51	Shower screens (including doors), aluminium framed	58,144
Combined door-window units (including laundry combinations, entry frames; excluding sliding door assemblies with only one fixed glass panel), of aluminium or aluminium framed—		
691.52	Domestic	76,032
691.53	Other (e.g. shop/office fronts)	71,004
691.54	Structures (excluding prefabricated buildings) (e.g. bridges, towers), parts of structures (excluding doors, windows) and plates, strips, rods, angles, shapes and sections, prepared for use in structures, of aluminium (excluding shower screens and doors)	162,138
METAL CONTAINERS EXCEEDING 300 LITRES CAPACITY FOR STORAGE OR TRANSPORT OF ANY MATERIAL EXCEPT COMPRESSED OR LIQUEFIED GAS (EXCLUDING CONTAINERS FITTED WITH MECHANICAL OR THERMAL EQUIPMENT)—		
Iron or steel reservoirs, tanks, vats and similar containers, for storage or transport of any material (other than compressed or liquefied gas), whether or not lined or heat-insulated—		
692.13	Of sheet iron or steel (thickness less than 3 mm)	51,575
692.14	Other	28,658

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
METAL CONTAINERS NOT EXCEEDING 300 LITRES CAPACITY FOR STORAGE OR TRANSPORT OF ANY MATERIAL EXCEPT COMPRESSED OR LIQUEFIED GAS (EXCLUDING CONTAINERS FITTED WITH MECHANICAL OR THERMAL EQUIPMENT)—		
	Iron or steel tanks, casks, drums, cans and similar containers, for storage or transport of any material (other than compressed or liquefied gas), whether or not lined or heat-insulated—	
692.51	Vats, tanks and milk and cream cans, of sheet iron or sheet steel (thickness less than 3 mm)	252,689
692.52	Vats and tanks of plate iron or steel (thickness 3 mm or more)	23,321
692.53	Other	272,999
	Aluminium casks, drums, cans, boxes and similar containers (including rigid or collapsible tubular containers), for any material (other than compressed or liquefied gas) whether or not lined or heat-insulated—	
692.54	Vats, tanks and milk and cream cans of sheet aluminium (thickness 6 mm or less)	534,145
692.55	Tanks, of plate aluminium (thickness more than 6 mm)	
692.56	Other (including collapsible tubular containers)	
METAL CONTAINERS FOR STORAGE OR TRANSPORT OF COMPRESSED OR LIQUEFIED GAS—		
	Containers of iron or steel for compressed or liquefied gas; containers of aluminium for compressed or liquefied gas—	
692.45	Cylinders of iron or steel or aluminium and their alloys	81,404
692.46	Other containers of plate iron or steel (thickness 3 mm or more) or plate aluminium (thickness exceeding 6 mm) (including alloys thereof)	21,903
	Other containers of sheet iron or steel (thickness less than 3 mm) or sheet aluminium (thickness 6 mm or less) (including alloys thereof)—	
692.47	Tanks	6,311
692.48	Other	121,520
WIRE PRODUCTS (EXCLUDING INSULATED ELECTRICAL WIRING) AND FENCING GRILLS—		
	Stranded wire, ropes, cables, plaited bands, slings and the like, of iron, steel, copper or aluminium, not electrically insulated—	
693.11	Of iron or steel	59,580
693.12	Of copper	
693.13	Of aluminium	
	Cloth (including endless bands) grill, netting and fencing, of iron or steel wire—	
693.54	Reinforcing steel mesh (welded)	348,976
693.55	Welded fabric	42,877
693.56	Other	120,165

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
NAILS, SCREWS, NUTS, BOLTS, RIVETS, AND THE LIKE, OF IRON, STEEL OR ALUMINIUM—		
(d) 694.10	Nails, tacks, drawing pins, corrugated nails, staples (excluding staples in strips (e.g. for offices, upholstery, packaging), of base metal) and similar articles, of iron or steel, whether or not with heads of other materials, but excluding such articles with heads of copper	56,688
	Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, cotter-pins, washers (including spring washers) and similar articles, of iron or steel—	
	Ferrous bolts, set screws and socket head cap screws, with or without nuts and/or washers (Note: Including the value of nuts and/or washers sold with these products)—	
	Hexagonal and square ferrous bolts—	
694.26	High tensile	45,611
694.27	Other ferrous bolts, set screws and socket head cap screws (including bolt ends and screw studs; excluding low tensile)	64,533
	Ferrous screws (other than set screws and socket head cap screws), with or without nuts and/or washers (Note: Including the value of nuts and/or washers sold with these screws)—	
	Ferrous screws of a kind not suitable for use with nuts—	
694.28	Ferrous screws for wood	45,811
694.29	Other (including self tapping and thread cutting)	
694.51	Machine screws (metal thread screws)	
694.52	Other ferrous screws (including screw hooks, rings and eyes but excluding cotters and cotter pins)	
694.54	Ferrous nuts sold or transferred out as such (i.e. not with bolts or screws)	49,001
694.56	Ferrous washers sold or transferred out as such (i.e. not with bolts or screws)	
694.57	Rivets (excluding tubular or bifurcated) and similar non-threaded articles of iron or steel (excluding cotter pins)	14,005
TOOLS FOR USE IN THE HAND OR IN MACHINES—		
695.10	Hand tools - spades, shovels, mattocks, picks, hoes, forks and rakes; axes, bill hooks and similar hewing tools; secateurs of any kind; scythes, sickles, hay knives, hedge shears, timber wedges and other tools of a kind used in agriculture, horticulture or forestry	1,369
695.20	Hand saws, files, rasps, pliers, pincers, tweezers, metal cutting shears, pipe cutters, bolt croppers, perforating punches and similar hand tools (excluding those put up in sets for retail sale)	22,981
	Household tools, n.e.s.—	
	Kitchen utensils (excluding bottle or can openers and household mincers, also excluding those put up in sets for retail sale)—	
695.83	Of wire	25,465
695.84	Other	
695.85	Other than kitchen utensils	
695.86	Other hand tools (including glaziers' diamonds); blow lamps; vices, clamps and the like; anvils; portable forges; hand or pedal-operated grinding wheels with framework	55,382

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
TOOLS FOR USE IN THE HAND OR IN MACHINES—continued		
695.50	Blades for saws of all kinds (including slitting, slotting or toothless saw blades)	24,204
	Knives and cutting blades, for machines or for mechanical appliances; interchangeable tools for hand tools or for machine tools; plates, tips and the like for tools—	
695.61	Knives and cutting blades, for machines or for mechanical appliances	22,528
695.62	Plates, sticks, tips and the like for tools, unmounted, of sintered metal carbides or cermets	8,329
695.63	Rock drilling and earth boring tools	18,773
	Interchangeable tools for hand tools, whether or not power operated, or for machine-tools (e.g. for pressing, stamping, punching, tapping, threading, drilling, boring, broaching, milling, turning or screw driving), including dies for drawing or extruding metal—	
695.65	For non-power operated hand tools (including screwdriver bits and drilling bits but excluding twist drills and taps, dies and chasers)	26,034
695.66	Other	73,652
HOUSEHOLD EQUIPMENT OF BASE METAL, N.E.S.—		
	Cooking or heating apparatus of a kind used for domestic purposes, non-electric, and parts thereof, of iron, steel or copper—	
	Non-electric, domestic heaters, grates, wash boilers and stoves (other than cooking appliances)—	
(c) 697.61	Solid fuel space heaters	36,861
(c) 697.62	Gas fires and space heaters	29,437
(c) 697.63	Warm air furnaces	39,792
697.64	Other	
	Table, kitchen or other household articles and parts thereof, n.e.s.—	
697.47	Of sheet iron or steel and their alloys (thickness less than 3 mm)	85,095
697.48	Of sheet copper and copper alloys (thickness 6 mm or less)	6,486
697.49	Of sheet aluminium and aluminium alloys (thickness 6 mm or less)	36,223
697.45	Of wire (e.g. frying baskets, plate racks)	9,140
697.46	Other (e.g. cast kitchen ware)	90,220
(d) 697.73	Steel wool (excluding pot scourers and scouring or polishing pads)	11,358
	Sanitary ware of sheet iron or steel and their alloys (thickness less than 3 mm)—	
(c) 697.56	Sinks (standard size), of stainless steel (including combination sinks)	68,845
697.57	Laundry tubs	n.p.
697.58	Other (e.g. wash basins, baths, non-standard size sinks, toilet cisterns, sanitary pans, urinals) (also including standard size sinks other than of stainless steel)	70,952
697.59	Sanitary ware of iron or steel (excluding of sheet iron or steel or of wire)(e.g. cast iron)	23,269

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
MANUFACTURES OF BASE METAL, N.E.S.—		
Locksmiths' wares, safes, strong boxes, etc. and hardware, n.e.s., of base metal—		
Padlocks and locks (key, combination or electrically operated), of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys for any of the foregoing, of base metal—		
698.01	Mortice locks with or without keys (excluding lock sets)	23,099
698.02	Other locks with or without keys (excluding lock sets)	15,495
698.03	Lock sets (door, furniture e.g. key in knob(s)) (excluding latch sets and privacy sets)	126,477
698.04	Other (e.g. clasps, parts of locks, keys presented separately)	9,428
699.12	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong rooms, cash and deed-boxes and the like, of base metal	35,729
699.13	Hinges (for doors, windows, furniture, coach work and the like, of metal)	12,863
Castors; other mountings, fittings and similar articles suitable for motor vehicles, for buildings, for furniture or other purposes of base metal—		
Door closures—		
698.05	Hydraulic	23,412
698.06	Other	14,315
698.07	Other (including hat-racks, towel racks, brackets, latch sets and privacy sets)	73,091
Chain (other than articulated link chain) and parts thereof, of iron or steel—		
699.24	Cast	n.p.
699.25	Forged	n.p.
699.26	Other	27,249
Clasps, frames with clasps, buckles, buckle-clasps, hooks, eyes, eyelets and the like, of base metal, of a kind used for clothing, footwear, awnings, handbags, travel goods or other made-up articles; tubular or bifurcated rivets, of base metal; beads and spangles, of base metal—		
699.35	Eyelets and eyes	} 40,830
699.37	Tubular or bifurcated rivets (including blind rivets)	
699.38	Other (e.g. clasps, buckles, beads and spangles)(excluding hooks)	
699.43	Springs and leaves for springs, of iron, steel or copper	96,070
Miscellaneous articles of base metal—		
699.51	Flexible tubing of base metal, with or without fittings	71,613
Sign-plates, name-plates, address-plates and similar plates, numbers, letters and other symbols, of base metal (excluding those of ASCC code 813)—		
699.56	Advertising signs, name-plates and sign-plates	206,508
699.57	Other (e.g. badges, key tags, numbers, letters, motor vehicle number plates)	40,751

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 69 - OTHER METAL PRODUCTS—continued		
MANUFACTURES OF BASE METAL, N.E.S.—continued		
	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flux material, of a kind used for soldering, brazing, welding or deposition of metal or of metal carbides; wire and rods, of agglomerated base metal powder, used for metal spraying—	
(d) 699.58	For electric arc-welding	49,318
699.59	Other	n.p.
	Articles of iron or steel, n.e.s.—	
	Cast articles of non-malleable cast iron, n.e.s.; cast articles of iron or steel, n.e.s.—	
699.64	Cast articles of iron, n.e.s.	160,874
699.66	Cast articles of steel, n.e.s.	271,476
	Articles of iron or steel, forged or stamped, but not further worked, n.e.s.—	
698.11	Forged	56,812
698.12	Stamped	48,616
	Articles of iron or steel wire, n.e.s.—	
698.13	Steel welding wire, simply coated with copper	n.p.
698.14	Articles of iron or steel wire, n.e.s.	106,223
	Articles of iron or steel, n.e.s.—	
698.21	Cigarette cases, tool boxes and similar containers for personal or professional use	12,074
698.22	Dowel pins and tumblers	7,614
698.23	Blinds and awnings	20,003
698.24	Moulds and dies	148,188
698.25	Ducting for air conditioning or refrigeration equipment of sheet iron or steel (thickness less than 3 mm)	207,776
698.26	Other articles of sheet iron or steel (thickness less than 3 mm)	525,590
698.27	Other (including non-calibrated balls for bearings, ladder and steps)	157,902
	Articles, n.e.s., of copper, nickel, aluminium, lead, zinc and tin—	
699.74	Articles of copper, nickel, lead, zinc and tin, n.e.s.	137,120
	Articles of aluminium, n.e.s.—	
698.41	Ducting for air conditioning or refrigeration equipment of sheet aluminium and aluminium alloys (thickness 6 mm or less)	23,288
698.42	Other articles of sheet aluminium (thickness 6 mm or less)	129,871
698.43	Of wire	16,142
698.44	Venetian blinds (including plastic coated)	49,563
698.45	Blinds and awnings (other than venetian blinds)	81,313
698.46	Other (including ladders)	218,318

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 70 - AIRCRAFT PARTS		348,473
AIRCRAFT PARTS		
<i>(Note: Manufacturers involved in long term contracts report progress payments billed during the year not the value of deliveries during the year)—</i>		
705.01	Aircraft parts	348,473
ASCC DIVISION 71 - POWER GENERATING MACHINERY AND EQUIPMENT		(b)1,071,947
STEAM OR OTHER VAPOUR GENERATING BOILERS, SUPER-HEATED WATER BOILERS, AUXILIARY PLANT AND PARTS—		
711.35	Steam or other vapour generating boilers (excluding central heating hot water boilers capable also of producing low pressure steam); super-heated water boilers and parts	62,730
711.20	Auxiliary plant for use with boilers of other vapour generating boilers, super heated water boilers or boilers and radiators, for central heating, not electrically heated (e.g. economisers, super-heaters, soot removers and gas recoverers); condensers for steam or other vapour power units	22,237
STEAM TURBINES AND OTHER VAPOUR TURBINES, AND PARTS THEREOF, N.E.S.—		
712.10	Steam turbines and other vapour turbines	n.p.
INTERNAL COMBUSTION PISTON ENGINES, AND PARTS THEREOF—		
713.41	Engines - complete internal combustion piston engines, whether or not assembled (including assembled from kits), for motor vehicles, off-highway trucks, materials handling trucks and tractors	691,929
(e) 748.70	Cranks, crankshafts, camshafts, bearing housings, gears, gearing and flywheels, for engines, internal combustion, for motor vehicles, off-highway trucks, materials handling trucks and tractors	73,348
(e) 749.25	Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal, for internal combustion engines, for motor vehicles, off-highway trucks, materials handling trucks and tractors	22,698
713.95	Parts, n.e.s., for engines, internal combustion, for motor vehicles, off-highway trucks, materials handling trucks and tractors (e.g. cylinders, blocks, pistons and rings, connecting rods, valves and manifolds) (excluding electrical parts, pulleys, bearings and springs)	68,233

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 72 - MACHINERY SPECIALISED FOR PARTICULAR INDUSTRIES		(b)2,220,122
AGRICULTURAL MACHINERY (EXCLUDING TRACTORS) AND PARTS—		
Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports ground rollers; and parts thereof—		
Machines (excluding hand tools)—		
721.14	Disc ploughs	8,734
721.15	Chisel ploughs	5,548
721.16	Other ploughs and similar (e.g. agricultural rippers)	4,947
721.17	Seeders, planters and transplanters	21,795
721.25	Fertiliser distributors and manure spreaders	7,656
721.13	Scarifiers, cultivators, weeders, hoes and harrows	25,733
721.18	Other agricultural and horticultural or forestry machinery, for soil preparation or cultivation; lawn and sports ground rollers	4,882
721.19	Parts of the above machinery	45,424
721.32	Harvesting and threshing machinery (other than combine harvester)	33,308
721.26	Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce (excluding seed, grain or dried leguminous vegetables)	7,455
721.41	Parts for harvesting, hay making and silage making equipment	8,130
721.92	Wool presses	4,890
721.97	Other agricultural, horticultural, forestry and bee-keeping machinery (excluding those for cleaning seeds; sawing, tree delimbing, wood de-barking or knot boring machines) (e.g. chaff cutters, feed grinders, seed graders, milking machines)	49,606
LAWN MOWERS AND OTHER NON AGRICULTURAL MOWERS FOR PARKS AND SPORTS GROUNDS—		
(c) 721.33	Rotary undercut, with petrol engines (2 and 4 stroke)	92,204
721.34	Other (e.g. cylinder type, tractor drawn (non-agricultural))	n.p.
CIVIL ENGINEERING AND CONTRACTORS' PLANT AND EQUIPMENT—		
723.12	Graders and levellers, self-propelled	2,411
Mechanical shovels, excavators and shovel-loaders, self-propelled—		
723.21	Front-end shovel-loaders (self-propelled)	17,884
723.23	Mechanical shovels, excavators and shovel loaders with a 360 degree revolving superstructure; other self-propelled mechanical shovels, excavators and shovel loaders	n.p.
Moving, grading, levelling, scraping, tamping, excavating, compacting, extracting or boring machinery, for earth, minerals or ores, self-propelled, n.e.s.—		
723.31	Scrapers	} 13,133
723.33	Tamping machines and road rollers	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 72 - MACHINERY SPECIALISED FOR PARTICULAR INDUSTRIES—continued		
CIVIL ENGINEERING AND CONTRACTORS' PLANT AND EQUIPMENT—continued		
Moving, grading, levelling, scraping, tamping, excavating, compacting, extracting or boring machinery, for earth, minerals or ores, self-propelled, n.e.s.—continued		
723.36	Coal or rock cutters and tunnelling machinery; other boring or sinking machinery	126,618
723.39	Other moving, grading, levelling, scraping, excavating, compacting or extracting machinery, for earth, minerals or ores, self-propelled	42,479
Other construction and mining machinery—		
723.43	Pile drivers, snow-ploughs, non self-propelled tamping, compacting machinery and construction machinery, n.e.s.	3,239
723.49	Other (e.g. boring and mining machinery, not self-propelled)	137,624
Parts for civil engineering and contractors' plant and equipment—		
723.91	Buckets, shovels, grabs and grips	16,477
723.92	Bulldozer or angle dozer blades	7,399
723.94	Other parts for construction and earthmoving equipment	22,724
PAPER MILL, PAPER WORKING AND PRINTING MACHINERY AND PARTS—		
725.00	Paper mill and pulp mill machinery, paper cutting machines and other machinery for manufacture of paper articles and parts for such machines	87,486
726.35	Prepared printing plates, blocks and cylinders used to produce printed matter	394,584
726.40	Printing machinery and parts	58,527
FOOD PROCESSING MACHINES (EXCLUDING DOMESTIC)—		
727.01	Bakery and biscuit making machinery (excluding ovens) and parts	42,570
727.02	Butchery machinery (including poultry slaughtering and abattoir equipment) and parts	9,089
727.03	Sugar processing machinery and parts	23,329
727.04	Other (excluding canning, bottling and packing equipment)	99,551
OTHER MACHINERY AND EQUIPMENT SPECIALIZED FOR PARTICULAR INDUSTRIES, AND PARTS FOR SUCH MACHINERY—		
728.32	Machinery for crushing or grinding earth, stone, ores or other mineral substances in solid (including powder or paste) form	100,236
728.36	Concrete or mortar mixers	10,746
728.37	Other machinery for mixing or kneading earth, stones, ores or other mineral substances in solid (including powder or paste) form	45,248
728.42	Machinery for working rubber or plastics or for the manufacture of products from these materials (excluding hard rubber or plastics)	80,983
728.60	Other industrial machinery and parts, n.e.s.	441,112

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 73 - METAL WORKING MACHINERY		(b)283,566
MACHINE TOOLS—		
735.90	Parts, n.e.s., and accessories suitable for use solely or principally with the machine-tools working by removing metal and other materials and machine tools for working metal, sintered metal carbides or cermets, without removing material	54,119
METAL WORKING MACHINERY (OTHER THAN MACHINE-TOOLS) AND PARTS—		
	Electric (including electrically heated gas), laser or other light or photon beam, ultra-sonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or sintered metal carbides; and parts thereof, n.e.s.—	
737.31	Soldering irons and guns	} 3,543
737.38	Machines and apparatus for resistance welding of metal, fully or partly automatic; other machines and apparatus for resistance welding of metal	
737.51	Machines and apparatus for arc, including plasma-arc welding of metal, fully or partly automatic; other machines and apparatus for arc welding of metal	61,779
737.52	Other machines and apparatus; parts for metal working machinery (other than machine-tools)	22,505

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 74 - GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT AND PARTS		(b)3,106,399
HEATING AND COOLING EQUIPMENT AND PARTS—		
Furnace burners and mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances and parts—		
741.22	Furnace burners for liquid fuel, for pulverised solid fuel or for gas (including combination burners)	11,518
741.25	Mechanical stokers, mechanical grates, mechanical ash dischargers and similar appliances	n.p.
Industrial or laboratory furnaces and ovens, etc.—		
741.26	Electric (including induction or dielectric); other industrial or laboratory induction or dielectric heating equipment	19,855
741.27	Non-electric (including furnaces and ovens for the roasting, melting or other heat-treatment of ores, pyrites or of metals; bakery and biscuit ovens)	40,890
Non domestic refrigerators, freezers and other refrigerating or freezing equipment—		
741.44	Refrigerated water coolers (drinking water) (for sale or transfer to retailers or wholesalers or direct installation (Note: Including the value of charges for installation))	12,116
741.41	Non domestic refrigerators, freezers and other refrigerating or freezing equipment (electric or other) (excluding water coolers)	177,475
Air conditioning machines comprising a motor-driven fan and elements for changing the temperature and humidity, and parts thereof—		
741.51	Window or wall types, self-contained	51,921
Other air conditioning machines—		
741.53	Air conditioners for motor vehicles, off-highway trucks, materials handling trucks and tractors	199,905
Other air conditioners—		
(c) 741.52	Domestic	70,278
(c) 741.54	Other	226,108
741.79	Distilling or rectifying plant; heat exchange units; machinery for liquefying air or gas	45,279
Other heating machinery and equipment—		
(c) 741.81	Instantaneous gas water heaters	12,515
741.83	Medical, surgical or laboratory sterilizers	16,113
741.87	Non domestic machinery for making hot drinks or for cooking or heating food	30,500

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 74 - GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT AND PARTS—continued		
PUMPS FOR LIQUIDS, WHETHER OR NOT FITTED WITH A MEASURING DEVICE; LIQUID ELEVATORS; PARTS FOR SUCH PUMPS AND LIQUID ELEVATORS—		
742.10	Pumps fitted with or designed to be fitted with a measuring device (such as fuel dispensing pumps)	46,817
742.25	Fuel, lubricating or cooling medium pumps, for internal combustion engines, for motor vehicles, off-highway trucks, materials handling trucks and tractors (but excluding pumps for use in aircraft)	9,567
742.41	Concrete pumps; reciprocating positive displacement pumps, n.e.s. (excluding pumps for internal combustion engines)	16,640
742.50	Rotary positive displacement pumps, n.e.s.	24,151
Centrifugal pumps, n.e.s.—		
742.61	Designed for use in the mining and metallurgical industries (except pulp pumps used in conjunction with ore dressing machines)	167,171
742.62	Axial flow type	
742.63	Multi-stage (except turbines)	
742.64	Self-priming engine driven type	
742.65	Vertical turbine shaft-driven, n.e.s.	
742.66	Pumps being water pressure systems	
742.67	Jet type, n.e.s.	
742.68	Close coupled or integral pump and motor units (mono block)	42,021
742.69	Submersible type, n.e.s.	
742.81	Other (axially or radially split casing)	21,909
742.82	Pumps for liquids, n.e.s., and liquid elevators (excluding for motor vehicles or aircraft engines)	
Parts for pumps and liquid elevators (excluding for motor vehicles, off-highway trucks, materials handling trucks and tractors)—		
742.92	For reciprocating pumps	n.p.
742.93	For centrifugal pumps	12,957
742.94	For rotary pumps	30,897
742.96	Other (including parts for liquid elevators)	13,723

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 74 - GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT AND PARTS—continued		
PUMPS (OTHER THAN PUMPS FOR LIQUID), COMPRESSORS AND FANS; VENTILATING AND RECYCLING HOODS, PURIFYING APPARATUS AND PARTS—		
743.12	Vacuum pumps; hand- or foot-operated air pumps	96,961
743.15	Compressors of a kind used in refrigerating equipment	
743.25	Air compressors (including those mounted on a wheeled chassis for towing), other vacuum pumps or other gas compressors, ventilating or recycling hoods incorporating a fan (including cooker hoods having a maximum horizontal side not exceeding 120 cms)	
(c) 743.42	Domestic fans	n.a.
(c) 743.44	Industrial fans	44,308
743.80	Parts for the above pumps, compressors, fans and hoods	32,668
743.53	Centrifuges (including centrifugal dryers), n.e.s. (e.g. cream separators, centrifuges for laboratory or scientific purposes)	n.p.
	Filtering and purifying machinery and apparatus, for liquids or gases—	
743.61	For filtering and purifying water	43,520
743.62	For filtering or purifying beverages other than water	n.p.
743.65	Oil or petrol-filters for internal combustion engines; intake air filters for internal combustion engines	6,394
743.66	Filters and purifying machinery and apparatus for liquids, n.e.s.; filters and purifying machinery and apparatus for gases, n.e.s.	6,908
743.90	Parts for the above centrifuges and filtering and purifying machinery and apparatus	17,316
MECHANICAL HANDLING EQUIPMENT, AND PARTS THEREOF—		
744.10	Works trucks, of the type used in factories, warehouses, dock areas or airports for short distance transport of goods; tractors of the type used on railway station platforms	n.p.
	Pulley tackle and hoists (other than skip hoists); winches and capstans pit-head winding gear; winches specially designed for use underground—	
744.52	Hydraulic	43,596
744.51	Electric	43,324
744.53	Other	
744.30	Derricks; cranes (including cable cranes); mobile lifting frames; straddle carriers and works trucks fitted with a crane	113,885
744.75	Continuous-action elevators, for goods or materials	128,586
744.76	Continuous-action conveyors for goods or materials	84,979
744.81	Lifts and skip hoists	207,901
744.85	Escalators and moving walkways	
744.89	Other lifting, handling, loading or unloading machinery	152,383
744.92	Parts for lifting, handling, loading or unloading machinery (excluding for work trucks)	70,151

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 74 - GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT AND PARTS—continued		
OTHER NON-ELECTRICAL MACHINERY, TOOLS AND MECHANICAL APPARATUS, AND PARTS THEREOF, N.E.S.—		
Packing or wrapping machinery—		
745.25	Machinery for packing or wrapping food	27,798
745.26	Other	13,707
745.29	Parts of dish washing machines, of machinery for cleaning and drying bottles, etc.; of machinery for filling, closing, sealing, capsuling or labelling bottles or other containers or of other packing or wrapping machinery	11,471
745.31	Weighing machinery (excluding balances of a sensitivity of 5 cg or better; personal weighing machines and household scales), including weight-operated counting and checking machines	21,677
Miscellaneous mechanical appliances (including hand operated)—		
745.61	Fire extinguishers, whether or not charged	62,489
745.67	Spray guns and similar; steam or sand blasting machines and similar jet projecting machines	5,775
745.51	Irrigation equipment other than sprinklers, foot valves, piping and couplers (including spare parts and hose fittings)	27,160
745.64	Agricultural or horticultural appliances for projecting, dispersing or spraying liquids or powders (excluding irrigation equipment)	11,043
745.65	Mechanical appliances, n.e.s., for projecting, dispersing or spraying liquids or powders (including domestic sprinklers)	n.p.
745.95	Automatic goods-vending machines (e.g., postage stamp, cigarette, food or beverage machines), including money-changing machines, non electric	12,226
TAPS, COCKS, VALVES AND SIMILAR APPLIANCES, FOR PIPES, BOILER SHELLS, TANKS, VATS AND THE LIKE (INCLUDING PRESSURE REDUCING VALVES AND THERMOSTATICALLY CONTROLLED VALVES)—		
747.51	Of cast iron	46,455
747.52	Of cast steel	7,339
747.53	Of steel (other than cast steel)	58,062
747.54	Of non-ferrous metal	72,894
747.55	Of plastic materials	5,084
PARTS FOR MOTOR VEHICLE ENGINES (the items below have also been shown under ASCC Division 71)		
748.70	Cranks, crankshafts, camshafts and the like for internal combustion engines	73,348
749.25	Gaskets and similar for internal combustion engines	22,698

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 75 - OFFICE MACHINES AND AUTOMATIC DATA PROCESSING MACHINES		(b)228,054
OFFICE MACHINES—		
751.20	Calculating machines; accounting machines, cash registers, postage-franking machines, ticket-issuing machines and similar machines, incorporating a calculating device	16,593
AUTOMATIC DATA PROCESSING MACHINES AND STORAGE UNITS—		
752.20	Digital automatic data processing machines containing in the same housing at least a central processing unit and an input and output unit, whether or not combined	62,851
752.30	Digital processing units, whether or not presented with the rest of a system which may contain in the same housing one or two of the following types of unit: storage units, input units, output units	
752.60	Input or output units, whether or not presented with the rest of a system and whether or not containing storage units in the same housing	
752.80	Analogue or hybrid (analogue-digital) data processing machines; data processing equipment, n.e.s.	
752.70	Storage units, whether or not presented with the rest of a system	—

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 76 - TELECOMMUNICATIONS AND SOUND RECORDING AND REPRODUCING APPARATUS AND EQUIPMENT		(b)1,761,881
TELEVISION RECEIVERS, TELEVISION ANTENNAE—		
Colour television receivers (including video monitors and projectors) whether or not combined, in the same housing, with radio-broadcast receivers or sound or video recording or reproducing apparatus—		
(c) 761.12	Greater than or equal to 38 cm and less than 48 cm	n.p.
(c) 761.13	Greater than or equal to 48 cm and less than 53 cm	42,998
(c) 761.14	Greater than or equal to 53 cm and less than 62 cm	n.p.
(c) 761.15	Greater than or equal to 62 cm and less than 70 cm	49,077
(c) 761.16	Greater than or equal to 70 cm	n.p.
764.94	Outdoor and loft television antennae	23,955
TELECOMMUNICATIONS EQUIPMENT AND PARTS AND ACCESSORIES—		
Electrical apparatus for line telephony or line telegraphy (including such apparatus for carrier-current line systems)—		
764.12	Carrier telephone/telegraph equipment	124,421
764.14	Main exchange switching equipment	396,052
Electronic switchboards—		
764.16	Processor or micro processor control	183,162
764.18	Other	6,810
764.41	Data modem equipment/multiplexors	36,516
764.42	Keyphones (excluding radio-telephony such as car phones)	n.p.
764.43	Telephones, complete (other than keyphones, also excluding telephones operating by radio-telephony such as car phones)	n.p.
764.44	Other (e.g. teleprinters, telephone line facsimile machines)	n.p.
764.91	Parts for the above equipment	155,230
Transmission apparatus for radio-telephony, radio-telegraphy or radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus—		
764.31	Transmission apparatus	94,090
Transmission apparatus incorporating reception apparatus—		
764.33	Cellular telephones	76,764
764.34	Other transmission apparatus incorporating reception apparatus (e.g. facsimile radio-telegraphic machines)	96,345
Other telecommunications equipment—		
764.83	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus	163,474

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 77 - OTHER ELECTRICAL MACHINERY AND APPARATUS; ELECTRIC APPLIANCES (INCLUDING NON ELECTRIC HOUSEHOLD APPLIANCES) AND ELECTRICAL PARTS		(b)4,321,391
ELECTRICAL TRANSFORMERS—		
Electrical transformers, for transmission and distribution of power—		
Up to and including 63 kVA—		
771.12	Single phase	23,427
771.14	Multi phase	27,910
771.16	Over 63 kVA up to and including 500 kVA	81,171
771.18	Over 500 kVA up to and including 1,000 kVA	28,180
771.31	Over 1,000 kVA up to and including 10,000 kVA	27,946
771.33	Over 10,000 kVA	42,652
ELECTRICAL APPARATUS FOR SWITCHING OR PROTECTING ELECTRICAL CIRCUITS, PRINTED CIRCUITS; BOARDS, PANELS, CONSOLES, DESKS, CABINETS—		
772.20	Printed circuits ((e.g. contacts, inductances, resistors, capacitors) formed by printing, embossing, plating-up, etching or film circuit techniques on an insulating base (excluding active elements, i.e. integrated circuits))	60,937
772.37	Electrical resistors (excluding heating resistors, potentiometers, rheostats, resistance boxes and printed circuits)	18,554
772.46	Relays and relay sets for radio, telephone and telegraphic applications for a voltage exceeding 1,000 volts	79,827
772.71	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, e.g. relays, fuses, cut-outs (excluding those for cycles, motor vehicles and tractors, also excluding relays and relay sets for radio, telephone and telegraphic applications)	579,162
772.56	Apparatus for making, breaking, protecting and making connections to and in electrical circuits (e.g. switches, relays, fuses, plugs, lamp sockets and holders and other contacts, terminals, terminal strips and other connectors but excluding wiring harnesses), for motor vehicles, off-highway trucks, materials handling trucks and tractors (including for motor cycles, motor scooters, auto-cycles, go-carts and golf carts)	69,626
772.79	Boards, panels (including numerical control panels), consoles, desks, cabinets and other bases, equipped with two or more electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, for electric control or for the distribution of electricity (including those incorporating instruments or electro-diagnostic apparatus for medical, surgical or veterinary services; photographic apparatus and supplies and optical goods, but excluding switching apparatus for telecommunications equipment) and parts for the above	158,255

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 77 - OTHER ELECTRICAL MACHINERY AND APPARATUS; ELECTRIC APPLIANCES (INCLUDING NON ELECTRIC HOUSEHOLD APPLIANCES) AND ELECTRICAL PARTS—continued		
ELECTRO-DIAGNOSTIC APPARATUS FOR MEDICAL, SURGICAL, DENTAL OR VETERINARY SCIENCES AND RADIOLOGICAL APPARATUS—		
774.15	Electro-cardiographs; other electro-diagnostic apparatus (including apparatus for functional exploratory examination or for checking physiological parameters)	54,569
774.20	X-ray apparatus (including parts, accessories and radiological apparatus)	
HOUSEHOLD ELECTRICAL AND NON-ELECTRICAL EQUIPMENT, N.E.S.—		
Electro-mechanical, domestic appliances with self-contained electric motor—		
775.74	Vacuum cleaners and floor polishers, food grinders and mixers, fruit or vegetable juice extractors and other electro-mechanical domestic appliances	63,651
Electro-thermic appliances, n.e.s.—		
Electric instantaneous or storage water heaters and immersion heaters—		
(c) 775.75	Electric instantaneous water heaters	3,457
Storage and immersion water heaters, electric—		
(c) 775.93	Full mains pressure	96,694
(c) 775.94	Other	10,807
Electric space heating apparatus and electric soil heating apparatus—		
(c) 775.82	Electric space heating apparatus (other than for motor vehicles) and electric soil heating apparatus	34,789
775.91	Other electro-thermic domestic appliances (excluding stoves, ovens, ranges and kettles) (e.g. irons, electric blankets, hair dryers, toasters, frypans and coffee or tea makers)	45,708
775.88	Electric heating resistors (other than of carbon)	23,408
Parts of the electro-thermic appliances—		
775.51	Parts of electric instantaneous, storage and immersion water heaters	6,858
(c) 775.52	Solar collectors for household or industrial water heating purposes (e.g. hot water systems, swimming pool heaters)	18,946

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)	
ASCC DIVISION 77 - OTHER ELECTRICAL MACHINERY AND APPARATUS; ELECTRIC APPLIANCES (INCLUDING NON ELECTRIC HOUSEHOLD APPLIANCES) AND ELECTRICAL PARTS—continued			
OTHER ELECTRICAL MACHINERY AND APPARATUS—			
Batteries and electric accumulators, and parts thereof—			
778.11	Primary cells and primary batteries (non-rechargeable batteries)	220,941	
	Electric accumulators (storage batteries)—		
	Lead-acid batteries - dry charged and wet cell (i.e. secondary rechargeable)—		
778.14	S.L.I. automotive 6 volt, new		
778.15	S.L.I. automotive 12 volt, new		
778.16	Traction (fork lifts, mining, etc.) 2 volt cells, new		
778.18	Semi-traction and commercial 2 volt cells, new (including home lighting, solar power)		
778.52	Stationary or stand-by 2 volt cells, new (telecommunications, U.P.S., etc.)		
778.53	Other (including all rebuilt batteries and motor cycle batteries)		
778.54	Alkaline batteries, rechargeable (i.e. secondary type)	54,119	
778.55	Parts of primary cells and primary batteries; parts of electric accumulators		
Bulbs and tubes, etc. for electric filament or discharge lamps (including sealed beam lamp units, ultra-violet lamps and infra-red lamp units but excluding for motor vehicles)—			
Domestic—			
778.29	Filament	54,119	
778.56	Fluorescent tubes		
Non domestic—			
778.25	Cold lighting (neon signs, etc.)		
778.26	Other (including sealed beam lamp units and units for infra-red, ultra-violet, or arc lamps)	28,830	
Other electrical equipment for internal combustion engines and vehicles; and parts thereof—			
775.92	Heaters, defrosters and demisters, for motor vehicles, off-highway trucks, materials handling trucks and tractors	28,830	
777.01	Other electrical equipment (excluding electric motors, wiring harnesses and lighting or signalling equipment) for motor cycles or motor vehicles (e.g. windscreen wipers)	38,753	
Other electrical machinery and equipment—			
778.87	Alarm systems, electric or electronic and parts thereof	43,216	
778.92	Electrical machinery and equipment, n.e.s. (excluding particle accelerators, wiring sets for ships, hair clippers, electric accumulators) and parts thereof	282,188	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 78 - ROAD VEHICLES (INCLUDING AIR-CUSHION VEHICLES)		(b)10,324,721
MOTOR CARS AND OTHER PASSENGER MOTOR VEHICLES (EXCLUDING THOSE FOR TRANSPORTING 10 OR MORE PERSONS) - COMPLETE ASSEMBLED VEHICLES—		
Cars—		
781.21	Engine capacity not exceeding 1.5 litres	4,396,337
781.22	Engine capacity exceeding 1.5 litres but not exceeding 2 litres	
781.23	Engine capacity exceeding 2 litres but not exceeding 3 litres	
781.24	Engine capacity exceeding 3 litres	
Station wagons—		
781.25	Engine capacity not exceeding 2 litres	951,338
781.26	Engine capacity exceeding 2 litres but not exceeding 3 litres	
781.27	Engine capacity exceeding 3 litres	
(c) 781.28	Other (e.g. mini-buses, passenger mini-vans)	
PRIME MOVERS - COMPLETE, ASSEMBLED—		
(c) 783.20	Prime movers for semi-trailers, complete, assembled (excluding semi-trailers)	742,199
PARTS AND ACCESSORIES FOR MOTOR VEHICLES (INCLUDING TRACTORS)—		
784.50	Body panels, for motor trucks, off-highway trucks, materials handling trucks and buses	85,524
Other parts and accessories for motor vehicles, off-highway trucks and materials handling trucks—		
784.45	Road wheels	175,448
Transmission components, external to engines—		
784.46	Rear axles and driving axles, with differentials and attached brake assemblies	202,676
784.47	Other (e.g. clutches, gearboxes, drive shafts, reduction gear assemblies, universal joints)	242,913
784.33	Brakes and servo-brakes and parts thereof	275,684
784.48	Safety (seat) belts, harnesses and netting (including child seats and bassinet anchoring systems)	n.p.
784.49	Body panels for motor vehicles (excluding for motor trucks, off-highway trucks and materials handling trucks and buses)	n.p.
784.51	Other parts and accessories (excluding bodies, cabs, electrical parts, instruments, engine parts, pulleys, bearings, springs, pumps, hoists, jacks, tyres and tubes)	n.a.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 79 - OTHER TRANSPORT EQUIPMENT		(b)2,223,580
RAILWAY VEHICLES AND ASSOCIATED EQUIPMENT		
<i>(Note: Manufacturers involved in long term contracts report progress payments billed during the year not the value of deliveries during the year)—</i>		
791.83	Railway equipment (locomotives and rolling stock) and tramway equipment	283,097
791.91	Railway or tramway track mechanical (including electro-mechanical) fixtures and fittings; signalling, safety or traffic control equipment for railways, tramways, roads, inland water-ways, parking facilities, port installations or airfields; parts of the foregoing	58,428
SHIPS, BOATS (INCLUDING HOVERCRAFT) AND FLOATING STRUCTURES		
<i>(Note: Manufacturers involved in long term contracts report progress payments billed during the year not the value of deliveries during the year)—</i>		
Yachts and other vessels for pleasure or sports; rowing boats and canoes—		
793.14	Small boats for pleasure or sport of less than 5 tonnes displacement (including rowing boats and canoes but excluding cruise vessels, ferry boats and inflatable vessels)	74,101
793.16	Yachts and other vessels for pleasure or sport of 5 tonnes displacement or more	33,155
Fishing vessels; factory ships and other vessels for processing or preserving fishery products—		
793.21	Less than 50 tonnes displacement	6,250
793.42	50 tonnes or more displacement	25,360
793.43	Other vessels for the transport of goods (excluding tankers and refrigerated vessels) (including vessels for the transport of both passengers and goods) of 50 tonnes or more displacement	89,172
793.44	Cruise ships, excursion boats and similar vessels designed primarily for the transport of persons; ferry boats of all kinds of 50 tonnes or more displacement	37,146

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 78 - ROAD VEHICLES (INCLUDING AIR-CUSHION VEHICLES)—continued		
CARAVANS, SEMI-TRAILERS, TRAILERS—		
Caravans and camper trailers of the private or domestic type, for towing by motor vehicles (including the trailed components of articulated caravans but excluding motor campers)—		
Caravans (excluding length of towbar)—		
(d) 786.11	Body length 4.6 m and under	17,259
(d) 786.12	Body length over 4.6 m up to and including 5.2 m	17,169
(d) 786.13	Body length over 5.2 m up to and including 6.1 m	13,099
(d) 786.14	Body length over 6.1 m up to and including 7.6 m	12,121
(d) 786.15	Body length over 7.6 m up to and including 9.8 m	2,183
(d) 786.16	Body length over 9.8 m	n.p.
(d) 786.17	Camper trailers	5,526
Semi-trailers (including skeletal type), for the transport of goods and materials, for motor vehicles—		
(d) 786.26	Flat top	41,369
(d) 786.46	Curtain-sided	30,025
(d) 786.22	Tanker	23,466
(d) 786.27	Tipper	16,897
(d) 786.28	Low loader	5,371
(d) 786.42	Refrigerated vans	15,975
(d) 786.43	Insulated (chiller) vans	n.p.
(d) 786.44	Other vans (including dry freight)	8,930
786.45	Other semi-trailers (including timber jinkers)	6,934
Trailers (including complete kits) for the transport of goods and materials, for motor vehicles—		
(d) 786.23	Box type, two wheel, under 1 tonne capacity	10,139
(d) 786.24	Boat type, two wheel	14,597
786.25	Other (e.g. horse floats, agricultural, commercial; including the trailed components of articulated vehicles other than semi-trailers)	22,194
786.41	Other trailers and semi-trailers (e.g. passenger, industrial use (caravans, etc. for housing, offices, workshops), library, laboratory), for motor vehicles	5,411
786.89	Parts of trailers and semi-trailers and of non-mechanically propelled vehicles	70,454
TRANSPORT CONTAINERS; GOLF BUGGIES—		
786.31	Stock crates, for motor trucks, trailers and semi-trailers	4,154
786.32	Metal freight containers (other than stock crates) specially designed and equipped for carriage by road, rail, sea and/or air	21,991
786.88	Golf buggies	4,975

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 81 - PREFABRICATED BUILDINGS; SANITARY, PLUMBING, HEATING AND LIGHTING FIXTURES AND FITTINGS, N.E.S.		(b)1,057,175
PREFABRICATED BUILDINGS—		
811.01	Of wood or timber framed	147,393
	Of steel or steel framed—	
811.02	Garages, carports, garden sheds	205,304
811.03	Transportable buildings	138,718
811.04	Other (e.g. hangars, farm machinery sheds, hay sheds)	130,867
811.05	Of aluminium or aluminium framed	21,480
811.06	Other (e.g. concrete bus shelters)	6,931
LIGHTING FIXTURES AND FITTINGS—		
	Electrical lamps and lighting fittings (including searchlights and spotlights), n.e.s.—	
813.12	Portable electric lamps designed to function by their own source of energy (e.g. dry batteries, accumulators or magnetos) (excluding lighting or signalling equipment for motor vehicles)	23,647
813.14	Indoor incandescent lighting	20,116
813.16	Indoor fluorescent lighting	127,029
813.31	Other indoor lighting (e.g. discharge, other than fluorescent; arc-lighting)	26,927
813.32	Outdoor incandescent lighting	8,995
813.33	Outdoor fluorescent lighting	7,336
813.34	Other outdoor lighting (e.g. discharge, other than fluorescent; arc-lighting)	8,097
813.20	Illuminated signs, illuminated name-plates and the like (having a permanently fixed light source)	111,356
813.17	Non-electric lamps and lighting fittings (e.g. pressure lanterns, gas lanterns)	6,021

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 82 - FURNITURE AND FURNITURE COMPONENTS; BEDDING, MATTRESSES, MATTRESS SUPPORTS, CUSHIONS AND SIMILAR STUFFED FURNISHINGS		(b)2,868,944
SEATS AND SEATING—		
Complete assembled seats (including seating convertible into beds and stool seats but excluding seating for medical, dental, surgical or veterinary purposes, bean bags, infants' car seats and footstools)—		
Domestic—		
821.41	Lounge (including ottomans)	379,093
821.42	Dining and kitchen chairs	88,996
821.43	Outdoor (including verandah and patio)	26,755
821.44	Other domestic (excluding seating for motor vehicles)	6,453
Non-domestic—		
821.45	Passenger transport (including seats for private motor vehicles)	12,536
821.46	Office	134,851
821.47	Other non-domestic	35,900
821.48	Complete, unassembled or partly assembled	2,268
MATTRESS SUPPORTS AND MATTRESSES, ARTICLES OF BEDDING—		
Mattress supports, sprung (excluding those of wire, unupholstered and those of rubber)—		
(d) 821.22	Up to and including 107 cm wide	20,613
821.24	Exceeding 107 cm wide, but not exceeding 138 cm wide	13,373
(d) 821.26	Exceeding 138 cm wide	25,730
821.28	Mattress supports, unupholstered, of woven wire, link mesh or wire spring	12,378
Inner spring mattresses 7.5 cm thick or more—		
(d) 821.97	Up to and including 107 cm wide	58,258
(d) 821.98	Exceeding 107 cm wide but not exceeding 138 cm wide	31,245
(d) 821.99	Exceeding 138 cm wide	45,444
821.27	Sleeping bags	14,492
Continental quilts (i.e. those quilts which are intended for use as a blanket substitute)—		
822.26	Plumage filled	23,235
822.27	Other	11,248
822.28	Bedspreads, stuffed or internally fitted with any material	5,026
822.31	Pillows, cushions, bolsters, bean bags, etc.	47,562
822.32	Mattress protectors, stuffed (excluding those of, or stuffed with, rubber)	2,995

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 82 - FURNITURE AND FURNITURE COMPONENTS; BEDDING, MATTRESSES, MATTRESS SUPPORTS, CUSHIONS AND SIMILAR STUFFED FURNISHINGS—continued		
COMPLETE FURNITURE OF OR PREDOMINANTLY OF METAL OTHER THAN SHEET METAL (EXCLUDING SEATING)—		
Domestic furniture - assembled—		
821.32	Dining and kitchen tables, buffets, sideboards and wall units	19,032
821.33	Kitchen (excluding tables)	2,558
821.34	Bedroom	14,986
821.35	Occasional	1,974
821.36	Outdoor (including verandah and patio)	2,765
821.37	Other domestic	3,239
Non-domestic furniture - assembled—		
821.38	Office	26,860
821.63	Other (including shop fittings of sheet metal but excluding furniture for medical, dental, surgical or veterinary purposes and large scale storage structures)	38,763
821.64	Unassembled or partly assembled	20,488
COMPLETE FURNITURE OF OR PREDOMINANTLY OF SHEET METAL (EXCLUDING SEATING)—		
821.65	Domestic furniture - assembled	24,328
Non-domestic furniture - assembled—		
821.66	Office	144,935
821.67	Other non-domestic (excluding seating, furniture for medical, dental, surgical or veterinary purposes and large scale storage structures of iron or steel)	60,363
821.68	Unassembled or partly assembled	31,701
COMPLETE FURNITURE OF OR PREDOMINANTLY OF WOOD (EXCLUDING SEATING AND CUSTOM MADE BUILT-IN FURNITURE)—		
Domestic furniture - assembled—		
821.52	Dining and kitchen tables, buffets, sideboards and wall units	189,400
821.54	Kitchen (excluding tables)	172,745
821.56	Bedroom	193,215
821.57	Occasional	29,332
821.58	Outdoor (including verandah and patio)	24,710
821.91	Other domestic	95,249
Non-domestic furniture - assembled—		
821.92	Office	311,722
821.93	Other (excluding furniture for medical, dental, surgical or veterinary purposes)	237,635
821.94	Unassembled or partly assembled	57,591

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 83 - TRAVEL GOODS, HANDBAGS AND SIMILAR CONTAINERS		(b)37,914
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES		(b)3,423,688
MEN'S AND BOYS' SUITS (EXCLUDING UNIFORMS)—		
Men's suits (chest measurement 86 cm and over)—		
(c) 841.24	With waistcoat	1,809
(c) 841.25	Without waistcoat	55,997
841.26	Boys' suits (chest measurement less than 86 cm)	n.a.
MEN'S AND BOYS' WOVEN COATS, BLAZERS AND JACKETS—		
Suit coats (excluding those coats included with "complete suits" above)—		
(c) 841.31	Men's	n.a.
(c) 841.32	Boys'	1,533
(c) 841.33	Sports coats, blazers and jackets (structured)	26,596
(c) 841.34	For uniforms	n.a.
(c) 841.71	Other woven coats and jackets (excluding shave coats, parkas and other waterproof coats and jackets)	9,510
MEN'S AND BOYS' LONG TROUSERS, JEANS AND OVERALLS—		
Men's long trousers (excluding waterproof) and overalls—		
(c) 841.41	Suit trousers (excluding those included with "complete suits" above)	n.a.
(c) 841.42	For uniforms	n.a.
(c) 841.47	Work trousers (of heavyweight textile fabric designed solely for industrial purposes)	39,622
(c) 841.45	Jeans	103,150
Men's industrial overalls of, or predominantly of—		
(c) 841.48	Cotton	35,031
(c) 841.49	Other fibres	11,101
(c) 841.43	Other long trousers	80,760
Boys' long trousers (excluding those included with "complete suits" above)—		
(c) 841.46	Jeans	13,863
(c) 841.44	Other	15,593

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES—continued		
MEN'S AND BOYS' SHORTS (EXCLUDING SWIM SHORTS AND BOARD SHORTS)—		
	Men's shorts of, or predominantly of—	
(c) 847.07	Cotton	58,298
(c) 847.08	Other fibres	17,983
	Boys' shorts of, or predominantly of—	
(c) 847.09	Cotton	15,870
(c) 847.21	Other fibres	n.a.
MEN'S AND BOYS' WOVEN SHIRTS, WOVEN UNDERWEAR—		
	Men's woven fabric shirts (excluding t-shirts and tank tops, sweatshirts, nightshirts)—	
(c) 841.52	Business or formal shirts	60,336
	Casual or sports shirts—	
(c) 841.53	Polyester/cotton (all mixtures)	57,316
(c) 841.54	Other	7,799
(c) 841.55	Industrial work shirts (of heavyweight textile fabric designed solely for industrial purposes)	n.a.
(c) 841.56	Boys' woven fabric shirts (excluding t-shirts and tank tops, sweatshirts, nightshirts)	5,753
841.67	Men's and boys' woven (or of bonded fabrics) underpants (long and short), briefs, singlets and other vests	639
MEN'S OR BOYS' KNITTED OR CROCHETED SHIRTS, UNDERWEAR, SLEEPWEAR AND SIMILAR ARTICLES—		
	Men's knitted or crocheted fabric shirts (excluding t-shirts and tank tops, sweatshirts, nightshirts)—	
(c) 843.72	Polyester/cotton (all mixtures)	32,893
(c) 843.73	Other	n.a.
(c) 843.74	Boys' knitted or crocheted fabric shirts (excluding t-shirts and tank tops, sweatshirts, nightshirts)	n.a.
(c) 843.84	Men's knitted or crocheted fabric underpants (long and short) and briefs	44,600
(c) 843.85	Boys' knitted or crocheted fabric underpants (long and short) and briefs	8,215
	Sleepwear—	
(c) 843.86	Men's (chest measurement 86 cm and over), knitted or crocheted fabric	n.p.
(c) 843.87	Boys' (chest measurement less than 86 cm), knitted or crocheted fabric	878

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES—continued		
WOMEN'S AND GIRLS' SUITS AND ENSEMBLES—		
	Women's and girls' complete suits and ensembles (excluding tracksuits, jogging suits, leisure suits and jump suits)—	
842.23	Women's woven suits and ensembles	61,658
842.24	Girls' woven suits and ensembles	4,257
844.34	Women's and girls' knitted or crocheted suits and ensembles	22,995
WOMEN'S OR GIRLS' WOVEN DRESSES, TROUSERS, UNDERWEAR, SLEEPWEAR AND SIMILAR ARTICLES (EXCLUDING GARMENTS FORMING PART OF "COMPLETE SUITS AND ENSEMBLES" REPORTED ABOVE)—		
842.41	Women's woven dresses (including uniforms and wedding dresses)	78,527
842.42	Girls' woven dresses (including uniforms)	11,573
(c) 842.61	Women's jeans (long)	74,732
(c) 842.62	Girls' jeans (long)	1,272
(c) 842.63	Women's and girls' woven fabric overalls and coogans	744
(c) 842.64	Women's and girls' woven slacks and other long trousers	52,452
842.83,84	Women's and girls' woven dressing gowns, bathrobes, beachrobes, kimonos, brunch coats and housecoats	11,955
842.88	Women's and girls' woven (or of bonded fabrics) briefs and panties, slips, petticoats, singlets and other vests	9,959
WOMEN'S OR GIRLS' KNITTED OR CROCHETED DRESSES, TROUSERS, SHIRTS, UNDERWEAR, SLEEPWEAR AND SIMILAR ARTICLES (EXCLUDING GARMENTS FORMING PART OF "COMPLETE SUITS AND ENSEMBLES" REPORTED ABOVE)—		
844.27	Women's knitted or crocheted dresses (including uniforms and wedding dresses)	n.a.
844.28	Girls' knitted or crocheted dresses	2,716
(c) 844.32	Women's and girls' knitted or crocheted fabric overalls, slacks and other long trousers (excluding jeans and waterproof clothing)	n.a.
	Women's knitted or crocheted shirts and blouses (excluding T-shirts and tank tops, sweatshirts, work shirts)—	
(c) 844.71	Cotton or polyester/cotton	31,149
(c) 844.72	Other fibres	3,714
844.84	Women's and girls' knitted or crocheted fabric dressing gowns, bathrobes, beachrobes, kimonos, brunch coats and housecoats	n.p.
	Women's, girls' and infants sleepwear - knitted or crocheted—	
844.88	Women's pyjamas	7,173
(c) 844.91	Women's nightdresses and nightshirts	24,913
(c) 844.92	Girls' (chest measurement less than 86 cm)	1,835
845.17	Infants' (AS 1182 - 1980 sizes 000 to 1)	n.a.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES—continued		
OTHER ARTICLES OF APPAREL, OF TEXTILE FABRICS—		
Cardigans, jumpers, sweaters, pullovers and twin sets, of knitted or crocheted fabric (including 'skivvy-type' pullovers; excluding sweatshirts and 'sloppy-joes')—		
Men's of, or predominantly of—		
(c) 845.31	Wool or fine animal hair (e.g. mohair, cashmere)	n.a.
(c) 845.32	Other fibres	28,924
Boys' of, or predominantly of—		
(c) 845.33	Wool or fine animal hair (e.g. mohair, cashmere)	5,218
(c) 845.34	Other fibres	4,771
Women's of, or predominantly of—		
(c) 845.35	Wool or fine animal hair (e.g. mohair, cashmere)	29,774
(c) 845.36	Other fibres	43,126
Girls' of, or predominantly of—		
(c) 845.37	Wool or fine animal hair (e.g. mohair, cashmere)	4,618
(c) 845.38	Other fibres	2,103
(c) 845.13	Infants' (AS 1182 - 1980 sizes 000 to 1)	n.a.
Sweatshirts and 'sloppy-joes', of knitted or crocheted fabric (excluding jackets for tracksuits, jogging suits and leisure suits)—		
(c) 845.39	Men's and boys'	n.a.
(c) 845.71	Women's and girls'	45,538
845.14	Infants' (AS 1182 - 1980 sizes 000 to 1)	749
(c) 845.41	Men's T-shirts and tank tops, of knitted or crocheted fabric (including 'fashion' singlets; excluding T-singlets and flannel undershirts)	75,471
(c) 845.42	Boys' T-shirts and tank tops, of knitted or crocheted fabric (including 'fashion' singlets; excluding T-singlets and flannel undershirts)	24,430
(c) 845.48	Men's and boys' singlets of knitted or crocheted fabric (including flannel undershirts and T-singlets but excluding 'fashion singlets' such as tank tops)	15,693
(c) 845.43	Women's knitted or crocheted fabric spencers, singlets and other vests (excluding T-shirts and 'fashion singlets')	57,238
(c) 845.44	Girls' knitted or crocheted fabric spencers, singlets and other vests (excluding T-shirts and 'fashion singlets')	

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES—continued		
OTHER ARTICLES OF APPAREL, OF TEXTILE FABRICS—continued		
Swimwear (including board shorts designed for swimwear)—		
Knitted or crocheted fabric—		
(c) 845.62	Men's and boys'	19,034
(c) 845.64	Women's and girls'	48,539
Woven fabric—		
(c) 845.65	Men's	10,388
(c) 845.66	Boys'	n.a.
(c) 845.63	Women's and girls'	28,980
(c) 847.03	Dust coats woven (including women's and girls' dust coats)	6,304
Waterproof, plastic (unsupported film) and rubber clothing (including rubberised, plastic coated or oilskin; excluding those simply sprayed with water repellant)—		
845.25	Trousers and overalls	5,295
845.26	Parkas	n.a.
845.27	Other waterproof coats, cloaks and jackets	22,668
CLOTHING ACCESSORIES, OF TEXTILE FABRICS (OTHER THAN THOSE FOR BABIES)—		
846.13	Ties, bow ties and cravats, woven or of bonded fabrics	44,274
Men's knitted or crocheted hosiery—		
Half-hose of, or predominantly of—		
(c) 846.25	Wool	18,984
(c) 846.26	Synthetic fibres (non-cellulosic)	10,840
(c) 846.27	Other fibres	23,774
Other than half-hose (including golf and 3/4 length) of, or predominantly of—		
(c) 846.28	Synthetic fibres (non-cellulosic)	5,239
(c) 846.31	Other fibres	9,163
Women's knitted or crocheted hosiery (excluding panty hose and tights)—		
(c) 846.32	Half-hose (all fibres)	16,148
846.33	Other (all fibres) (including knee-high stockings and legwarmers)	11,625
Children's (up to and including size 10) knitted or crocheted hosiery (excluding panty hose and tights) of, or predominantly of—		
(c) 847.01	Synthetic fibres (non-cellulosic)	7,383
(c) 846.36	Other fibres	26,073
Clothing accessories, n.e.s., of textile fabrics—		
847.49	Belts for clothing, of plastic or rubber (excluding plastic or rubber coated textile belts)	2,303

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 84 - CLOTHING AND CLOTHING ACCESSORIES—continued		
ARTICLES OF APPAREL AND CLOTHING ACCESSORIES OF OTHER THAN TEXTILE FABRICS; HEADGEAR OF ALL MATERIALS—		
Clothing and clothing accessories, of leather or composition leather (excluding headwear, belts and gloves, mittens or mitts)—		
848.14	Coats and jackets	25,865
848.15	Other (excluding girdles, braces, wrist straps and watch straps)	12,018
Belts for clothing—		
848.16	Of leather or composition leather	26,005
847.42	Other (excluding textile belts, but including plastic or rubber coated textile belts)	n.p.
Plastic (unsupported film) clothing, other than waterproofed, and wetsuits—		
848.23	Plastic (unsupported film) coats and jackets	n.p.
848.24	Other plastic (unsupported film) clothing (excluding headwear which are included in totals reported against ASCC codes 848.46, 848.47 or 848.53)	1,899
848.25	Wetsuits	16,300
848.33	Clothing, clothing accessories and other articles made from sheepskins or other furskins (excluding headwear, footwear, handbags, purses and toys)	15,725
848.34	Clothing, clothing accessories and other articles of artificial fur (excluding headwear, footwear, handbags, purses and toys)	1,630
Hats and other headgear (excluding rubber bathing and shower caps)—		
Plaited or made from plaited or other strips of straw, polypropylene or other materials—		
848.46	Men's and boys'	2,318
848.47	Women's, girls' and infants'	6,848
Made up from felt or other textile fabric in the piece (but not from strips)—		
848.51	Men's and boys'	24,977
848.52	Women's, girls' and infants' (including hairnets and snoods)	5,499
848.44	Safety headgear	9,017
848.53	Other headgear	7,849

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 85 - FOOTWEAR		(b)667,699
SPORTS FOOTWEAR—		
(c) 851.20	Sports footwear (e.g. skating boots, ski footwear, boxing boots, tennis shoes, gym shoes, running shoes and the like)	59,748
OTHER FOOTWEAR - MEN'S—		
Footwear with uppers of leather and outer soles of rubber or plastics—		
Injection moulded or vulcanised soles—		
(c) 851.33	Boots	53,007
(c) 851.34	Shoes, sandals, slippers and other footwear	40,560
Attached soles—		
(c) 851.35	Boots	n.a.
(c) 851.36	Shoes, sandals, slippers and other footwear	69,345
Footwear with uppers of leather and outer soles of leather or composition leather—		
(c) 851.37	Boots	9,652
(c) 851.38	Shoes, sandals, slippers and other footwear	21,722
(c) 851.39	Footwear (excluding thongs, sports footwear and waterproof footwear), with uppers of materials other than leather	8,421
OTHER FOOTWEAR - WOMEN'S—		
Footwear, with uppers of leather and outer soles of rubber or plastic—		
Injection moulded or vulcanised soles—		
(c) 851.43	Boots	n.a.
(c) 851.44	Shoes, sandals, slippers and other footwear	38,401
Attached soles—		
(c) 851.45	Boots	25,927
(c) 851.46	Shoes, sandals, slippers and other footwear	170,449
Footwear (excluding sports footwear), with uppers of leather and outer soles of leather or composition leather—		
(c) 851.53	Boots	218
(c) 851.54	Shoes, sandals, slippers and other footwear	54,510

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 87 - PROFESSIONAL, SCIENTIFIC AND CONTROLLING INSTRUMENTS AND APPARATUS, N.E.S.		(b)612,549
INSTRUMENTS AND APPLIANCES FOR MEDICAL, SURGICAL, DENTAL OR VETERINARY PURPOSES—		
Instruments and appliances used in medical, surgical or veterinary sciences (excluding electro-diagnostic and radiological instruments and apparatus)—		
872.21	Syringes, needles, catheters, cannulae and the like	75,817
872.25	Ophthalmic instruments and appliances (including sight testing instruments)	—
872.26	Artificial kidney (dialysis) apparatus	n.p.
872.27	Other instruments and appliances	55,964
872.34	Mechano-therapy apparatus; massage apparatus; psychological aptitude - testing apparatus; ozone therapy, oxygen therapy, aerosol therapy, artificial respiration or other therapeutic respiration apparatus	1,697
872.35	Other breathing appliances and gas masks (excluding protective masks having neither mechanical parts nor replaceable filters)	12,000
Furniture other than of sheet metal for medical, dental, surgical or veterinary purposes (e.g. seating, operating tables, examination tables, hospital beds, but excluding dentists' and similar chairs with mechanical functions)—		
872.41	Complete	10,403
872.42	Parts	190
872.43	Furniture of, or predominantly of, sheet metal for medical, dental, surgical or veterinary purposes	17,229
METERS AND COUNTERS; OTHER MEASURING, CHECKING, ANALYSING AND CONTROLLING INSTRUMENTS AND APPARATUS—		
Gas, liquid or electricity supply or production meters, including calibrating meters thereof—		
873.11	Gas meters	85,084
(d) 873.13	Liquid meters	
873.15	Electricity meters	
Parts and accessories of gas, liquid or electricity meters—		
873.16	For gas or liquid meters	8,118
873.17	For electricity meters	—
873.22	Revolution counters, production counters, speed indicators (excluding air speed indicators), tachometers, stroboscopes, pedometers and the like (excluding those for motor vehicles and materials handling trucks and tractors); parts and accessories	3,918
874.40	Instruments and apparatus for physical or chemical analysis (e.g. polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light (including exposure meters); microtomes	90,948
874.62	Automatic regulating or controlling and recording instruments and apparatus (excluding those for motor vehicles and materials handling trucks and tractors)	72,119
874.69	Parts and accessories for automatic regulating or controlling instruments and apparatus	3,261

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 88 - PHOTOGRAPHIC APPARATUS, EQUIPMENT AND SUPPLIES AND OPTICAL GOODS, N.E.S.; WATCHES AND CLOCKS		(b)389,991
OPTICAL GOODS—		
Contact lenses—		
884.41	Hard	1,609
884.42	Soft	7,755
Spectacle lenses of glass—		
884.12	Ophthalmic powered	40,177
884.13	Other	n.p.
Spectacle lenses of other materials—		
884.14	Ophthalmic powered	10,077
884.16	Other	n.p.
Spectacles and spectacle frames—		
Frames and mountings for spectacles, goggles and the like; parts for frames and mountings of spectacles, goggles and the like—		
884.51	Spectacle frames, mountings and parts	11,443
Spectacles, goggles and the like, corrective, protective or other—		
884.26	Safety eye wear (industrial, sporting)	6,263
884.27	Other (including sun glasses)	n.p.

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 89 - MISCELLANEOUS MANUFACTURED ARTICLES, N.E.S.		(b)8,704,105
PRINTED MATTER—		
Books (including atlases, touring guides, etc. in book form)—		
892.11	Published but not printed by the same establishment	289,929
892.17	Published and printed by the same establishment	84,189
892.18	Printed but not published by the same establishment	391,083
Maps, charts, plans, sheet music, not in book form—		
892.31	Published but not printed by the same establishment	27,459
892.32	Published and printed by the same establishment	3,365
892.33	Printed but not published by the same establishment	40,165
Newspapers, journals, magazines and periodicals—		
892.22	Published but not printed by the same establishment	600,171
892.23	Published and printed by the same establishment	811,913
892.24	Printed but not published by the same establishment	548,602
892.42	Postcards, personal greeting, message or announcement cards	106,131
892.51	Security printing (e.g. stamps, cheque books, banknotes, share documents, airline tickets)	134,372
892.52	Printing of business forms	600,250
892.53	Printed matter, n.e.s.	1,356,204
892.81	Paper and paperboard labels of all kinds, whether or not printed	322,431
892.84	Calendars of any kind, printed (including calendar blocks)	27,945
ARTICLES OF PLASTIC—		
Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics—		
Sacks, bags and packets of plastic (excluding printed plastic sheets and film for crimping into bags by the user; and cones)—		
Single substrate—		
893.12	Of polyethylene	216,848
893.13	Of polypropylene	16,733
893.14	Of regenerated cellulose	6,369
893.15	Of other plastics	106,946
893.16	Multi-substrates	23,337

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 89 - MISCELLANEOUS MANUFACTURED ARTICLES, N.E.S.—continued		
ARTICLES OF PLASTIC—continued		
	Plastic bottles up to and including two litres (excluding the value of tops, caps, lids and other closures)—	
893.17	Of polyvinyl chloride	48,795
893.18	Of polyethylene	259,899
893.42	Of other plastics	92,546
	Plastic bottles over two litres, but not exceeding five litres (excluding the value of tops, caps, lids and other closures)—	
893.43	Of polyvinyl chloride	5,478
893.44	Of polyethylene	48,358
893.46	Of other plastics	n.p.
	Plastic packaging and shipping containers for liquids, over five litres (excluding the value of tops, caps, lids and other closures)—	
893.47	Drums and drum liners	15,804
893.48	Other (including bottles and jerry cans; excluding collapsible plastic tubes)	43,021
893.51	Plastic boxes, cases, crates and similar containers	91,014
	Articles for the conveyance or packing of goods, of plastic, n.e.s. (including cones and collapsible plastic tubes)(excluding the value of tops, caps, lids and other closures)—	
893.52	Of polyethylene	4,058
893.54	Of styrene polymer or copolymer	7,379
893.53	Of polypropylene	} 52,552
893.55	Of other plastics (including multi-substrates)	
	Plastic packaging accessories and components—	
893.56	Stoppers, lids, caps and other closures	109,210
893.57	Seals and seal rings	11,958
893.58	Other	61,219
	Builders' ware of plastics—	
	Baths, shower-baths, wash-basins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware—	
893.22	Baths (including shower baths)	33,495
893.23	Wash basins (wall and pedestal)	1,240
893.24	Other	102,550
893.29	Other builders' ware (e.g. reservoirs, tanks, vats, doors, windows and their frames, shutters, blinds (including venetian blinds) and similar articles and parts thereof, of plastic)	66,842

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—*continued*

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 89 - MISCELLANEOUS MANUFACTURED ARTICLES, N.E.S.— <i>continued</i>		
ARTICLES OF PLASTIC— <i>continued</i>		
	Floor coverings of plastics, whether or not self-adhesive, in rolls or in the form of tiles; wall or ceiling coverings of plastics—	
893.33	Floor coverings, wall or ceiling tiles	n.p.
893.34	Wall or ceiling coverings (excluding tiles)	n.p.
	Tableware, kitchen ware, other household articles and toilet articles—	
893.35	Buckets	16,409
893.36	Disposable cups and tumblers for the dispensing of hot and cold food and drink (excluding the value of tops, caps, lids and other closures)	106,509
893.37	Garbage bins (excluding kitchen tidies)	26,499
893.38	Other	182,511
893.91	Plastic conveyor belting	n.p.
893.98	Other articles of plastics	365,816
TOYS, GAMES AND SPORTING GOODS—		
894.32	Video games used with a television receiver or monitor; poker machines and other coin or disc operated games	79,549
894.74	Water skis, surf-boards, sailboards and other water sports equipment	23,009
	Golf equipment (excluding golf buggies and bags; clothing and clothing accessories)—	
894.85	Clubs, complete	15,389
894.86	Other (including golf tees)	31,888
894.77	Gloves, mittens and mitts, specially designed for use in sport	127
894.78	Gymnasium and athletics articles and equipment	32,346
894.81	Footballs	4,129
	Other sports goods (including skateboards, protective equipment for sport or games, snow-skis and other snow-ski equipment; excluding gloves, mittens and mitts)—	
894.82	Balls, other than footballs, golf balls and table tennis balls	9,712
894.87	Other	50,746

PRINCIPAL COMMODITIES PRODUCED(a), AUSTRALIA, 1989-90—continued

ASCC code	Description	Sales and transfers out (\$'000)
ASCC DIVISION 89 - MISCELLANEOUS MANUFACTURED ARTICLES, N.E.S.—continued		
OFFICE AND STATIONERY SUPPLIES, N.E.S.—		
Office and stationery supplies, of base metal—		
Filing cabinets and card-index cabinets, paper trays, paper rests, pen trays, office-stamp stands and similar office or desk equipment, of base metal—		
895.13	Of sheet metal	27,993
895.14	Other	13,985
Other office and stationery supplies—		
895.91	Writing or drawing ink and other inks (except printing ink), whether or not concentrated or solid	6,609
JEWELLERY, GOLDSMITHS' AND SILVERSMITHS' WARES, AND OTHER ARTICLES OF PRECIOUS AND SEMI-PRECIOUS MATERIALS, N.E.S.—		
897.20	Imitation jewellery (not incorporating precious metal except as plating or as minor constituents; excluding watch straps)	n.a.
897.30	Jewellery of gold, silver or platinum group metals (except watches and watch cases) and goldsmiths' or silversmiths' wares (including set gems) (including articles of natural or cultivated pearls, precious or semi-precious stones)	177,283
897.47	Other articles of precious metal or of metal clad with precious metal (excluding jewellery; including articles for technical or laboratory use)	n.a.
MUSICAL INSTRUMENTS AND PARTS, RECORDS, TAPES AND OTHER SOUND AND SIMILAR RECORDINGS—		
898.28	Musical instruments	3,023
898.40	Magnetic tapes for sound recording or similar recording of other phenomena	24,702
898.50	Other prepared unrecorded media for sound recording or similar other phenomena	n.p.
Magnetic tapes, recorded—		
898.62	Pre-recorded audio cassette tapes	29,757
898.63	Other magnetic tapes (including video tapes)	29,305
Records and other recorded media (not magnetic tapes) for sound or similarly recorded phenomena (including matrices and masters for the production of records)—		
Gramophone records—		
(d) 898.72	45 rpm	52,459
(d) 898.74	33 1/3 rpm	
Recorded media, n.e.s.—		
(d) 898.75	Compact discs (C.D.s)	

EXPLANATORY NOTES

Introduction

This publication presents details of the principal commodities manufactured in Australia compiled from a full-scale census of manufacturing establishments for 1989-90.

2. Up until the 1986-87 manufacturing census, details of principal articles produced were collected annually (except for 1985-86, when no census was conducted). However, from the 1987-88 reference year onwards a new strategy for collecting data in the manufacturing census was introduced. It resulted in a full-scale census being conducted triennially, with a small-scale census conducted in each intervening year. For small-scale censuses, businesses are requested to provide only data on employment, wages and salaries paid and turnover. For full-scale censuses, additional data are requested on stocks, purchases, value added, capital expenditure, fuels used, materials used and commodities produced.

Scope and Coverage

3. Data contained in this publication relate to all manufacturing establishments which operated in Australia during the year ended 30 June 1990, except for single establishment businesses with less than four persons employed and those not employing staff at 30 June 1990 (such as sole proprietorships or family partnerships). Also excluded is the production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. 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 either commenced or ceased operation during the year, but it is not possible to obtain data for all of them.

Classification

4. Items are identified by the commodity codes which are aligned with the Australian Standard Commodity Classification (ASCC). This classification is significantly different to the classification used in the 1986-87 census. For further information regarding the ASCC, see the publication *Australian Standard Commodity Classification (Revised) - Transportable Goods, 1989-90 (1254.0)*.

Production

5. Unlike previous manufacturing census publications which released data on quantities produced and sold (or transferred out) and the value of sales and transfers out, this publication only includes data on the value of sales and transfers out. Production information may be able to be provided on request.

Meaning of value of sales and transfers out

6. 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.)

7. 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.

8. 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.

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

Product 'market' concept

10. Generally, the statistics in this publication along with corresponding imports and exports data provide a good indicator of the size of the 1989-90 Australian market for a particular product.

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

Commission manufacturing

12. 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.

13. 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 census. In the case of commission production, the owning establishment reports the sales of products made on commission for them. Conversely, the establishment which actually manufactures the products reports no sales as it does not own them.

14. Provided that the owning establishment is a manufacturing establishment and is, therefore, included

in the manufacturing census, there will be no gaps or overlaps in market measurement as a result of commission arrangements.

15. However, where products are manufactured on commission for non-manufacturing establishments, the value of that manufacturing will not be represented by the statistics in this publication.

16. 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 petroleum refining, clothing, non-ferrous metals smelting and meat processing.

Related publications

17. Users may also wish to refer to other manufacturing statistics publications which include:

Manufacturing Industry, Australia, 1991-92, Preliminary (8201.0), which includes details of employment, wages and salaries, and turnover classified by industry subdivision and by State.

Manufacturing Industry, Australia, 1989-90 (8221.0), which includes details of employment, wages and salaries and turnover, and components of the items of stocks, purchases and transfers in, selected expenses, value added and capital expenditure and disposal of assets classified by industry class.

18. Users may also wish to refer to the following publications:

Foreign Trade, Australia, Merchandise Exports (5424.0).

Foreign Trade, Australia, Merchandise Imports (5426.0).

Quarterly Indexes of Industrial Production, Australia (8125.0).

Monthly commodity data

19. A number of publications are produced on a monthly and quarterly basis showing details of the quantity produced of an extensive range of the more important commodities manufactured in Australia (some 600 in all). These publications include *Production Statistics, Australia, Preliminary (8301.0)* and a series of ten publications each relating to a particular range of products (8357.0 to 8369.0).

Historical data and unpublished statistics

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

Symbols and other usages

ASCC	Australian Classification	Standard	Commodity
n.a.	not available (due to concerns about data quality)		
n.e.s.	not elsewhere specified		
n.p.	not available for publication but included in totals where applicable		
—	nil		

Common footnotes

- (a) See paragraph 3 above.
- (b) The total of sales and transfers out for the full ASCC division. This is not necessarily the sum of the component items actually listed.
- (c) Monthly data showing quantities produced are also available in respect of this item, either separately or in combination with other commodities.
- (d) Quarterly data showing quantities produced are also available in respect of this item, either separately or in combination with other commodities.
- (e) These items are from Division 74. They have also been shown here because of their relevance to this group of items. However, their sales and transfers out values have only been included in the total for Division 74.



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2836500006901
ISSN 0157-9703

Recommended retail price: \$15.00