

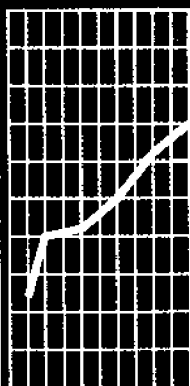


1993-94

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## **Manufacturing Production, Australia**

# **Principal Commodities Produced**



## NOTES

### ABOUT THIS ISSUE

This issue is based upon the Australian and New Zealand Standard Commodity Classification (ANZSCC), replacing the Australian Standard Commodity Classification (ASCC) used in the previous (1989-90) issue of this publication. For more information, see paragraph 4 of the Explanatory notes.

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### FORTHCOMING ISSUES

The next publication of data on the value of sales and transfers out of goods produced will be in respect of the 1995-96 manufacturing collection (and annually thereafter). The commodity classification used is less detailed than that contained in this publication and was first used with the 1994-95 manufacturing collection. However, the classification as used for 1994-95 was experimental and has since been modified. While no commodities publication will be released for 1994-95, some commodities data can be made available for 1994-95 as unpublished data, by contacting the New South Wales office of the Australian Bureau of Statistics (ABS) — see below for contact details.

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### INQUIRIES

For information about other ABS statistics and services, please refer to the back of this publication.

For further information about statistics in this publication and the availability of related unpublished statistics, contact John Ridley in Sydney by telephone on (02) 9268 4541 or by email through the Internet to [john.ridley@abs.gov.au](mailto:john.ridley@abs.gov.au).

# PREFACE

## BACKGROUND

This publication presents statistics of the principal commodities manufactured in Australia, compiled from a survey of manufacturing establishments conducted in respect of 1993-94. It complements the structural and performance information which was published in *Manufacturing Industry, Australia, 1993-94* (Cat. no. 8221.0), released on 18 October 1996.

Prior to this issue, commodity data were last collected and published in respect of the 1989-90 reference year, using the ASCC.

The 1993-94 manufacturing census sought information on employment, wages and salaries and turnover for all manufacturing establishments. In addition to data for these items, an industry-based sample of approximately 18,000 establishments was asked to supply additional information on commodities produced and sold (or transferred out). A selection of commodities information from this sample is presented in this publication.

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 of \$50 million or more. However, to assist analysis, related products of lesser value have also been included. Thus, the publication contains the more significant products of Australian origin, covering approximately 60% of the 2,500 manufacturing products included in the ANZSCC. Because not all products are included, components do not necessarily add to totals.

For many of the products included in this publication, corresponding imports and exports data are available. To make further inquiries about the availability of these data, please contact Information Services on Canberra (06) 252 5400 and as from 18 August 1997 (02) 6252 5400, or any ABS State office (refer to the back of this publication for contact details).

## DATA AS CONTAINED IN THIS PUBLICATION

All data in this publication have been adjusted to allow for lags in processing new businesses to the ABS business register, and omission of some businesses from the business register. More information on these adjustments can be found in paragraphs 26 and 27 of the Explanatory Notes.

Guidelines to the quality of estimates from the commodity sample survey as measured by the standard (sampling) error are found in paragraphs 22 and 23 of the Explanatory Notes.

Table 1

Table 1, on page 10, shows details of ANZSCC commodity groups, for items produced by the manufacturing industry, whose value of sales and transfers out is at least \$1,000 million.

Table 2

Table 2, on pages 11 to 66, shows details of selected ANZSCC commodity items, as well as details for all commodity groups from ANZSCC Sections 2, 3 and 4. It includes, for all possible items, quantity produced and/or value of sales and transfers out. This table omits a large number of items which are either not publishable and/or have a value of sales and transfers out of less than \$50 million. Therefore, item descriptions which appear to refer to 'Other' items or items 'Not elsewhere classified' should not be so interpreted without reference to the full classification. For some items which are not individually publishable, this table shows an aggregated quantity of production and/or value of sales and transfers out. These aggregations are identified through the use of brackets or footnotes and comprise only those items listed in the table, and not any others (which may be among those available in unpublished form).

**STATE DATA**

Because of the nature of the sample design, State level production statistics are not available from the 1993-94 manufacturing collection. (However, State level production quantity data for a limited number of commodity items are available from ABS subannual production collections — see page 2 for contact details.)

**UNPUBLISHED DATA**

A considerable amount of data from the annual manufacturing collection is available in unpublished form. More detailed information to satisfy individual user requirements may be available on request. The *Information Paper: Availability of Statistics Related to Manufacturing, 1996* (Cat. no. 8205.0) has been published, detailing the range of manufacturing statistics available from the ABS. Unpublished production data for 1993-94 comprise all publishable commodity items or groups of items. Further details can be obtained by contacting the New South Wales Office of the ABS — see page 2 for contact details.

W. McLennan  
Australian Statistician

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## SYMBOLS AND OTHER USAGES

*	subject to a relative standard error greater than or equal to 25%, but less than 50%
**	subject to a relative standard error greater than or equal to 50%, but less than 100%
***	subject to a relative standard error greater than or equal to 100%
—	nil or rounded to zero
..	not applicable
'000	thousand
ABS	Australian Bureau of Statistics
ANZSCC	Australian and New Zealand Standard Commodity Classification
ASCC	Australian Standard Commodity Classification
bundle	bundle of casings
centi-	hundredth part of (prefix)
cm	centimetre
kilo-	thousand (prefix)
kg	kilogram
kL	kilolitre
kL alc.	kilolitre of alcohol
km	kilometre
kVA	kilovolt ampere
kW	kilowatt
m	metre
m <sup>2</sup>	square metre
m <sup>3</sup>	cubic metre
mega-	million (prefix)
milli-	thousandth part of (prefix)
ML	megalitre
mL	millilitre
mm	millimetre
n.a.	not available
n.e.c.	not elsewhere classified
no.	number
n.p.	not available for publication, but included in ANZSCC group values where applicable
t	tonne
V	volt
W	watt

## SUMMARY OF FINDINGS

### OVERVIEW

In 1993-94, the total value of sales and transfers out of goods produced by manufacturing establishments was \$169,715 million. The following analysis shows the composition of these sales and transfers out by major commodity group.

Manufactured products are classified in ANZSCC to items in three main commodity sections (Food products, beverages and tobacco; textiles, apparel and leather products; Other transportable goods, except metal products, machinery and equipment; and Metal products, machinery and equipment) comprising 27 divisions and 147 groups (with some other products classified to items in the two sections Agriculture, forestry and fishery products and Ores and minerals; electricity, gas and water). For the year 1993-94, 49 of these groups showed sales and transfers out valued in excess of \$1,000 million. Seven groups exceeded \$5,000 million in value, but none exceeded \$10,000 million in value. Details of these 49 groups and their aggregate sales and transfers out values appear in table 1 on page 10.

### LARGEST COMMODITY GROUPS

The commodity group which recorded the largest value of sales and transfers out in 1993-94 was Motor vehicles, trailers and semi-trailers; parts and accessories thereof (ANZSCC group 491), at \$9,425 million. As well as passenger motor vehicles, which account for nearly 70% of the total value, this category also covers trucks and other vehicles, and motor vehicle parts and accessories.

Other groups which exceeded \$5,000 million in value of sales and transfers out in 1993-94, and their significant components are:

- Meat and meat products (ANZSCC group 211) — \$8,661 million. (Fresh or frozen beef, veal, lamb, pork or poultry, meat products such as bacon and ham, salamis, frankfurters, meat pies and canned meats.)
- Copper, nickel, aluminium, alumina, lead, zinc and tin, unwrought (ANZSCC group 414) — \$8,315 million. (Output from initial smelting, including primary and secondary recoveries.)
- Petroleum oils and oils obtained from bituminous materials, other than crude; preparations n.e.c. containing by weight 70% or more of these oils, such oils being the basic constituents of the preparations (ANZSCC group 333) — \$7,384 million. (Petrol and fuel oils.)
- Other fabricated metal products (ANZSCC group 429) — \$7,359 million. (Domestic metal products, hand tools, vats, tanks, cans, metal fasteners, springs, and wire, rods, tubes and plates.)
- Rolled, drawn and folded products of iron and steel (ANZSCC group 412) — \$7,076 million. (Flat-rolled products, bars, rods, tubes and pipes of iron and steel.)
- Pulp, paper and paperboard (ANZSCC group 321) — \$5,522 million. (Wood pulp, newsprint, writing paper, envelopes, toilet paper, tissues, labels of paper or paperboard, and corrugated paperboard containers.)

## SUMMARY OF FINDINGS *continued*

### LARGEST COMMODITY GROUPS *continued*

Care needs to be taken in interpreting the sales figures presented in this publication for those commodities where there is also a significant amount of commission manufacturing undertaken. Such commodities include meat, aluminium, clothing and clothing accessories. This will occur where (for example) wholesaling businesses commission manufacturers to produce goods which are then sold by the 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 in this publication. For further information, see paragraphs 17 to 21 of the Explanatory Notes.



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ANZSCC code	Commodity description	Value of sales & transfers out
		\$m
211	Meat and meat products	8 661
213	Prepared and preserved vegetables	1 439
221	Processed liquid milk and cream	2 067
229	Other dairy products	3 617
231	Grain mill products	3 229
233	Preparations used in animal feeding	1 956
234	Bakery products	2 583
235	Sugar	2 057
236	Cocoa, chocolate and sugar confectionery	1 091
239	Food products n.e.c.	1 850
242	Wines	1 323
243	Malt liquors and malt	2 349
244	Soft drinks; bottled mineral waters	(a)2 054
282	Wearing apparel, except fur apparel	3 285
311	Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ties) of wood, not impregnated	1 490
316	Builders' joinery and carpentry of wood (including cellular wood panels, assembled parquet panels, shingles and shakes)	1 737
321	Pulp, paper and paperboard	5 522
322	Books, brochures and leaflets (except advertising material), printed; printed maps; music, printed or in manuscript	1 606
325	Stamps, cheque forms, banknotes, stock certificates, postcards, greeting cards, advertising material, pictures and other printed matter	2 463
328	Newspapers, journals and periodicals	2 441
333	Petroleum oils and oils obtained from bituminous materials, other than crude; preparations n.e.c. containing by weight 70% or more of these oils, such oils being the basic constituents of the preparations	7 384
346	Fertilisers and pesticides	1 672
347	Plastics in primary forms	1 230
351	Paints and varnishes and related products; artists' colours; ink	2 137
352	Pharmaceutical products	3 164
353	Soap, cleaning preparations, perfumes and toilet preparations	1 867
354	Chemical products n.e.c.	1 531
363	Semi-manufactures of plastics	1 918
364	Packaging products of plastics	1 738
369	Other plastics products	1 457
371	Glass and glass products	1 372
373	Refractory products and structural non-refractory clay products	1 203
374	Cement, lime and plaster	1 156
375	Articles of concrete, cement and plaster	3 930
381	Furniture	3 258
411	Basic iron and steel	2 332
412	Rolled, drawn and folded products of iron and steel	7 076
414	Copper, nickel, aluminium, alumina, lead, zinc and tin, unwrought	8 315
415	Semi-finished products of copper, nickel, aluminium, lead, zinc and tin or their alloys	1 918
421	Structural metal products and parts thereof	3 514
429	Other fabricated metal products	7 359
431	Engines and turbines and parts thereof	1 339
439	Other general purpose machinery and parts thereof	1 535
448	Domestic appliances and parts thereof	1 804
462	Electricity distribution and control apparatus, and parts thereof	1 072
463	Insulated wire and cable; optical fibre cables	1 134
472	Television and radio transmitters and apparatus for line telephony or telegraphy; parts and accessories thereof	1 770
491	Motor vehicles, trailers and semi-trailers; parts and accessories thereof	9 425
493	Ships	1 303

(a) Excludes value of post-mix concentrates (ANZSCC item code 244.02.05).

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>0</b>	<b>AGRICULTURE, FORESTRY AND FISHERY PRODUCTS</b>			
<b>02</b>	<b>Live animals and animal products</b>			
<b>029</b>	<b>Other animal products</b>	..		<b>471 884</b>
029.13	Hides, skins and furskins, raw			
029.13.01	Raw hides and skins, bovine, salted (dry salted or wet salted by means of brine), whether or not dehaired or split	5 272	'000	280 427
029.13.02	Raw hides and skins, bovine, fresh, limed or dried, whether or not dehaired or split	2 356	'000	112 946
029.13.04	Sheep and lamb skins, fresh, salted, limed or dried, whether or not dehaired or split	20 760	000	74 611
<b>04</b>	<b>Fish and other fishing products</b>			
<b>042</b>	<b>Crustaceans, not frozen; oysters; other aquatic invertebrates, live, fresh or chilled</b>	..		<b>506 153</b>
042.11	Crustaceans, chilled			
042.11.11	Shrimps and prawns	*6 265	t	*138 111
042.11.12	Rock lobsters or crayfish			
042.11.12.01	Whole	*7 671	t	257 324
042.11.12.02	Tails	*1 522	t	57 218
042.11.90	Other crustaceans, chilled	**491	t	**6 214
042.12	Crustaceans, other than chilled or frozen (i.e. dried, salted or in brine)	n.p.		} 47 286
042.13	Molluscs, chilled (excluding oysters)	n.p.		
042.90	Oysters; other aquatic invertebrates n.e.c., live, fresh or chilled	..		
<b>1</b>	<b>ORES AND MINERALS; ELECTRICITY, GAS AND WATER</b>			
<b>16</b>	<b>Other minerals</b>			
<b>162</b>	<b>Salt and pure sodium chloride; sea water</b>	..		<b>66 251</b>
162.11	Refined salt (cooking and table)	n.p.		} 66 251
162.12	Refined salt other than cooking and table salt	1 268	t	
<b>2</b>	<b>FOOD PRODUCTS, BEVERAGES AND TOBACCO; TEXTILES, APPAREL AND LEATHER PRODUCTS</b>			
<b>21</b>	<b>Meat, fish, fruit, vegetables, oils and fats</b>			
<b>211</b>	<b>Meat and meat products</b>	..		<b>8 660 950</b>
211.11	Meat of bovine animals, fresh or chilled			
211.11.01	With bone in	252 871	t	478 347
211.11.02	Boneless	388 828	t	1 700 430
211.12	Meat of bovine animals, frozen			
211.12.01	With bone in	83 163	t	227 146
211.12.02	Boneless	482 342	t	1 624 218
211.13	Meat of swine, fresh or chilled	66 269	t	123 943
211.15	Meat of sheep, fresh or chilled	156 662	t	183 557
211.16	Meat of sheep, frozen	120 960	t	208 542
211.17	Meat of goats, fresh, chilled or frozen	16 254	t	22 002
211.18	Meat of horses, asses, mules or hinnies, fresh, chilled or frozen	5 810	t	15 534
211.21	Poultry not cut in pieces			
211.21.01	Fresh or chilled			
211.21.01.01	Processed poultry— reared on this holding (sold)	..		104 076
211.21.01.02	Other processed poultry (sold)	..		*60 324
211.21.01.03	Poultry not cut in pieces	217 833	t	569 288
211.21.02	Frozen	69 322	t	155 086
211.22	Poultry cuts			
211.22.01	Fresh or chilled	157 187	t	464 372
211.22.02	Frozen	24 018	t	78 784
211.23	Poultry offal, fresh, chilled or frozen	63 944	t	20 573
211.24	Meat offal for human consumption, fresh, chilled or frozen (excluding poultry offal, also excluding frogs legs)	115 835	t	184 000
211.25	Meat, fresh, chilled or frozen, n.e.c. (e.g. rabbits)	4 726	t	10 957

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
211.26	Bacon, ham and other dried, salted or smoked meat of swine			
211.26.01	Hams, shoulders and cuts thereof, with bone in	42 074	t	303 402
211.26.02	Bellies (streaky) and cuts thereof, other	58 361	t	282 279
211.27	Meat and edible meat offal of bovine animals, salted, in brine, dried or smoked; edible flours and meals			
211.27.01	Corned beef, uncanned	10 458	t	53 053
211.27.02	Corned beef, canned			
211.33	Sausages and similar products, of meat, meat offal or blood (e.g. salami, frankfurters, black pudding, saveloys, bolognas); food preparations based on these products			
211.33.01	Canned	3 639	t	13 797
211.33.02	Uncanned			
211.33.02.10	Of meat, offal or blood, of poultry	11 993	t	43 948
211.33.02.90	Other	158 917	t	517 968
211.34	Meat pies	68 273	t	250 322
211.35	Prepared meals (e.g. TV dinners), of meat or meat offal	58 750	'000	376 812
211.37	Mixed meat and vegetables, canned	11 379	t	52 850
211.38	Bacon or ham, canned	23 387	t	74 446
211.42	Poultry meat and meat offal, prepared or preserved, n.e.c., uncanned	36 945	t	207 169
211.43	Meat and meat offal, prepared or preserved, n.e.c. (e.g. crumbed lamb cutlets)	*11 567	t	*31 384
211.44	Flours, meals and pellets of meat or meat offal, inedible; greaves	429 787	t	205 960
<b>212</b>	<b>Prepared and preserved fish</b>			<b>535 022</b>
212.11	Fish meat, livers and roes prepared or preserved; caviar			
212.11.02	Fish fillets and other fish meat, frozen			
212.11.02.01	Fish fillets, frozen	**4 903	t	33 363
212.11.02.02	Fish meat, frozen (excluding fillets)	**4 925	t	13 463
212.11.03	Fish, dried, salted or in brine: smoked fish (whether or not cooked before or during the smoking process)	*1 209	t	*30 102
212.11.04	Fish canned (excluding canned pet food)	*18 116	t	*104 449
212.11.05	Fish fingers or portions, battered or crumbed	*15 786	t	(a)
212.11.06	Other prepared and preserved fish (e.g. caviar, fish loaf, cake, balls and paste)			23 918
212.11.07	Fish frozen; fish fillets and other fish meat, fresh or chilled (including livers and roes)			(a)88 491
212.13	Molluscs and aquatic invertebrates (excluding oysters), frozen, dried, salted or in brine (reported as shelled weight if in shells)			
212.13.11	Abalone	*1 213	t	*57 879
212.13.12	Scallops	*3 281	t	*61 565
212.14	Crustaceans, molluscs and other aquatic invertebrates, otherwise prepared or preserved [e.g. cooked, canned, bottled, crumbed or battered, as prepared frozen seafood meals (excluding oysters chilled, frozen or bottled in brine)]			
212.14.11	Abalone	*1 046	t	*76 189
212.14.12	Shrimps and prawns	2 451	t	31 587
212.14.90	Other (e.g. smoked mussels and oysters)			
<b>213</b>	<b>Prepared and preserved vegetables</b>			<b>1 439 149</b>
213.11	Vegetables (uncooked or cooked by steaming or boiling in water), frozen	309 873	t	482 902
213.16	Vegetables prepared or preserved otherwise than by vinegar or acetic acid, frozen, n.e.c.	121 503	t	166 224
213.17	Vegetables, fruit, nuts and other edible parts of plants, prepared or preserved by vinegar or acetic acid			
213.17.11	Cucumbers, pickled	(b)	(b)	(b)
213.17.12	Gherkins, pickled	*4 301	t	*21 856
213.17.13	Olives, pickled	**1 667	t	**9 869
213.17.14	Onions, pickled	*4 928	t	**24 639
213.17.15	Other pickled vegetables	(b)5 265	t	(b)18 023
213.17.16	Pickles and chutney	*3 298	kL	*8 903
213.21	Tomatoes, prepared or preserved otherwise than by vinegar or acetic acid, n.e.c. (e.g. tomato pulp, puree and paste)	22 208	t	81 061
213.22	Mushrooms, prepared or preserved otherwise than by vinegar or acetic acid	n.p.		*14 254

(a) Value shown against item 212.11.07 is for 212.11.05 and 212.11.07 combined.

(b) Quantity and value shown against item 213.17.15 are for 213.17.11 and 213.17.15 combined.

ANZSC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
213.23	Vegetables, prepared or preserved otherwise than by vinegar or acetic acid, not frozen			
213.23.11	Peas	6 897	t	14 364
213.23.12	Potato crisps, flakes, etc., ready to eat	57 188	t	592 109
213.23.90	Other	69 421	t	
214	<b>Fruit juices and vegetable juices</b>			<b>622 767</b>
214.01	Orange juice; grapefruit juice; juice of any other single citrus fruit			
214.01.01	Single strength	317 106	KL	357 795
214.01.02	Concentrated (quantity reported in terms of single strength)	51 193	KL	67 231
214.01.03	Reconstituted, single strength	**7 292	KL	**8 751
214.02	Juice of any single fruit (excluding citrus) or vegetable, mixtures of fruit or vegetable juices			
214.02.11	Apple juice, unfermented and not containing added spirit, single strength	43 341	KL	15 461
214.02.12	Apple juice, unfermented and not containing added spirit, concentrated (quantity reported in terms of single strength)	61 032	KL	36 655
214.02.14	Fruit juice of any single fruit, unfermented and not containing added spirit, single strength (excluding citrus, apple, tomato, grape must, cider and perry)	*20 485	KL	*23 373
214.02.15	Fruit juice of any single fruit, unfermented and not containing added spirit, concentrated (excluding citrus, apple, tomato, grape must, cider and perry) (quantity reported in terms of single strength)	26 226	KL	*19 657
214.02.17	Tomato juice (unfermented and not containing added spirit)	101 728	KL	93 845
214.02.18	Vegetable juice of any single vegetable, unfermented and not containing added spirit (excluding tomato)			
214.02.21	Mixtures of fruit juices; mixtures of fruit and vegetable juices in which the fruit juice predominates			
215	<b>Prepared and preserved fruit and nuts</b>			<b>632 180</b>
215.11	Fruit, uncooked or cooked by steaming or boiling in water, frozen	6 638	t	10 194
215.12	Fruit jellies, fruit puree and paste, being cooked preparations (including apple sauce) (excluding homogenized preparations)	6 191	t	21 756
215.13	Jams (including conserves, fruit spreads, fruit butters etc.)	26 960	t	83 221
215.14	Nuts, prepared or preserved			
215.14.01	Peanut butter	11 881	t	51 179
215.14.02	Nut butters, pastes and purees (excluding peanut butter)	**1 468	t	**4 517
215.14.03	Nuts, roasted	*14 036	t	*76 796
215.16	Fruit, otherwise prepared or preserved (excluding puree, paste and pickled)			
215.16.01	Apples	6 909	t	*17 968
215.16.02	Apricots	122 103	t	(a)
215.16.03	Peaches			53 196
215.16.04	Pears			(a)
215.16.05	Pineapples			(a)137 682
215.16.06	Mixed fruits (including fruit salads)	59 105	t	131 982
215.16.07	Other fruits	18 508	t	28 037
216	<b>Animal and vegetable oils and fats</b>			<b>839 801</b>
216.12	Refined animal oils and fats (excluding neatsfoot oil, wool grease etc. and lanolin)			
216.12.10	Tallow (including dripping)	143 210	t	111 306
216.12.90	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)			
216.13	Unrefined animal oils and fats (excluding neatsfoot oil, wool grease etc. and lanolin)			
216.13.01	Edible tallow (including dripping)	97 923	t	44 422
216.13.02	Inedible tallow	320 329	t	144 858
216.13.04	Other (e.g. fish liver oils, fish oils and fats, marine mammal fats and oils, pig and poultry fats not rendered and fats from bovine animals, sheep and goats)	33 961	t	7 507
216.25	Margarine and similar preparations			
216.25.01	Table margarine	170 598	t	303 459
216.25.02	Other margarine			

(a) Value shown against item 215.16.05 is for 215.16.02, 215.16.04 and 215.16.05 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$ '000
217	Cotton linters	..		—
218	Oil-cake and other solid residues resulting from the extraction of vegetable fats or oils; flours and meals of oil seeds or oleaginous fruits, except those of mustard; vegetable waxes, except triglycerides; degreas; residues resulting from the treatment of fatty substances or animal or vegetable waxes	..		n.p.
<b>22</b>	<b>Dairy products</b>			
221	Processed liquid milk and cream	..		<b>2 066 811</b>
221.01	Liquid skim milk, not concentrated or sweetened	259 638	kL	295 625
221.02	Liquid milk (including reconstituted milk), graded, tested or chilled, not concentrated or sweetened	1 347 460	kL	1 029 876
221.03	Liquid milk (including reconstituted milk), not concentrated or sweetened (e.g. pasteurised), n.e.c.	595 282	kL	451 828
221.04	Cream	151 716	kL	289 482
229	Other dairy products	..		<b>3 617 051</b>
229.11	Milk and cream in solid forms			
229.11.01	Skim milk in powder, granules or other solid form, concentrated or sweetened (excluding processed into feed stock)	189 045	t	519 692
229.11.02	Milk and cream, concentrated or sweetened, in solid form (excluding skim milk or if processed into feed stock)	67 100	t	173 594
229.12	Milk and cream, concentrated or containing added sugar or other sweetening matter, other than in solid forms			
229.12.01	Skim milk, concentrated, unsweetened, in liquid form	83 908	t	52 906
229.12.02	Milk and cream, concentrated, unsweetened, in liquid form	34 274	t	48 917
229.12.03	Milk and cream, containing added sugar or other sweetening matter, not in solid form	7 921	t	15 994
229.13	Yoghurt (whether or not concentrated or containing added sugar or other sweetening matter, or flavoured or containing added fruit or cocoa)	97 944	t	253 603
229.14	Buttermilk, curdled milk and cream, kephir and other fermented or acidified milk or cream (whether or not concentrated or containing added sugar or other sweetening matter or flavoured or containing added fruit or cocoa)			
229.14.11	Buttermilk (not cultured)	6 400	t	9 642
229.14.12	Sour cream	14 251	t	23 180
229.14.90	Other	20 740	t	35 718
229.15	Butter and other fats and oils derived from milk			
229.15.11	Butter	218 176	t	417 974
229.15.12	Butter oil, from butter			
229.15.13	Butter oil, from cream			
229.15.90	Other			
229.16	Cheese and curd			
229.16.01	Very hard cheese (e.g. romano, kasseri, montasio)	29 080	t	122 025
229.16.02	Hard and semi-hard cheese (e.g. cheddar, gouda, edam)	222 579	t	894 230
229.16.03	Soft cheese (e.g. feta, gbejna, pastorello)	53 343	t	229 309
229.16.04	Fresh cheese (including whey cheese) not fermented, and curd	14 554	t	70 523
229.17	Casein	4 357	t	25 348
229.18	Ice cream and other edible ice			
229.18.11	Ice cream products up to and including 200 mL	55 604	kL	233 874
229.18.12	Ice cream products over 200 mL but under 4 litres	98 628	kL	159 159
229.18.13	Ice cream products of 4 litres and over, for in-home consumption	90 304	kL	139 294
229.18.14	Ice cream products of 4 litres and over, for out of home consumption	22 660	kL	37 154
229.18.15	Milk ices (aerated and non-aerated), products up to and including 200 mL	5 785	kL	44 265
229.18.16	Milk ices (aerated and non-aerated), products over 200 mL	10 125	kL	
229.22	Whey			
229.22.01	Whey (excluding whey cream)	39 976	t	41 022
229.22.02	Whey cream	1 699	t	2 795
229.23	Products consisting of natural milk constituents, n.e.c.	15 846	t	45 393
<b>23</b>	<b>Grain mill products, starches and starch products; other food products</b>			
231	Grain mill products	..		<b>3 228 716</b>
231.11	Cereal flours			
231.11.11	Self raising flour (wheat)	63 '000	t	46 348
231.11.12	Wheat flours n.e.c.	1 648 '000	t	897 758

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
231.11.14	Rye flour; barley flour for human consumption	72	'000 t	37 669
231.11.15	Rice flour	88	'000 t	33 706
231.11.90	Other	89	'000 t	78 386
231.12	Groats, meal and pellets of cereals			
231.12.01	Of wheat, for human consumption	*129	'000 t	45 744
231.12.02	Of wheat (excluding for human consumption)	*39	'000 t	*11 232
231.12.03	Of rice	..		*10 293
231.13	Other cereal grain products (including corn flakes)			
231.13.11	Prepared foods obtained by the swelling or roasting of cereals or cereal products (e.g. cornflakes, muesli)	173	122 t	798 101
231.13.12	Cereals other than maize (corn), in grain forms, pre-cooked or otherwise prepared	(a)		(a)
231.13.13	Other worked cereal grains (e.g. hulled, pearled, clipped, sliced, kibbled, rolled, flaked or further prepared), for human consumption	113	'000 t	147 417
231.13.15	Germ of cereals, whole, rolled, flaked or ground	(a)31 358	t	(a)21 047
231.14	Rice, semi-milled or wholly milled, whether or not polished, glazed, parboiled or converted (including broken rice)	..		..
231.16	Mixes and doughs for the preparation of bakers' wares	*192	'000 t	*104 340
231.16	Mixes and doughs for the preparation of bakers' wares	*119 058	t	194 723
232	<b>Starches and starch products; sugars and sugar syrups n.e.c.</b>	..		<b>280 485</b>
232.11	Glucose and glucose syrup; fructose and fructose syrup; invert sugar; sugars and sugar syrups n.e.c.; artificial honey; caramel	..		..
232.11.01	Glucose (expressed as 43 degrees Baume) and glucose syrup (including dextrose)	149	073 t	95 376
232.11.02	Liquid refined sugar, golden syrup and artificial honey	..		..
232.12	Starches; inulin; wheat gluten; dextrins and other modified starches	..		..
232.12.01	Wheat starch	147	022 t	83 243
232.12.02	Maize (corn) starch; potato starch; manioc (cassava) starch; other starches (excluding wheat starch)	118	555 t	101 866
232.12.03	Wheat gluten, whether or not dried	..		..
233	<b>Preparations used in animal feeding</b>	..		<b>1 956 231</b>
233.11	Dog or cat food, put up for retail sale	..		..
233.11.11	Canned	313	875 t	(b)
233.11.12	Dog biscuits	118	039 t	61 557
233.11.90	Other	544	642 t	(b)761 128
233.12	Preparations of a kind used for animal food, n.e.c.	..		..
233.12.13	Other feed supplements	**46	399 t	**19 778
233.12.15	Poultry pellets and crumbles	1	464 '000 t	434 754
233.12.16	Poultry mash	237	'000 t	61 329
233.12.17	Pig feeds	540	'000 t	149 934
233.12.18	Cattle feeds	833	'000 t	196 325
233.12.90	Other prepared stock and poultry feeds (including concentrated foods) (excluding straight mixtures of cereals, crushed or uncrushed)	1	019 '000 t	271 427
234	<b>Bakery products</b>	..		<b>2 582 776</b>
234.11	Crispbread; rusks, toasted bread and similar toasted products	98	995 t	236 608
234.12	Gingerbread and the like; sweet biscuits; waffles and wafers	61	855 t	286 815
234.13	Crumpets	33	228 t	48 438
234.14	Cakes and pastries	..		506 818
234.15	Biscuits, n.e.c.	46	147 t	203 372
234.17	Bread (excluding unleavened bread)	..		..
234.17.20	Total sales value of bread	..		1 151 440
234.90	Bakers' wares n.e.c. (e.g. pretzels, frozen pizza, pies) (excluding meat pies, bread)	**41	851 t	*134 339
235	<b>Sugar</b>	..		<b>2 057 236</b>
235.11	Cane sugar, raw	4	487 '000 t	1 592 127
235.12	Icing sugar	..		..
235.13	Refined sugar in solid form (including brown sugar) (excluding icing sugar)	1	476 '000 t	465 109
235.14	Molasses (including treacle)	..		..
235.90	Sugar n.e.c.	..		..

(a) Quantity and value shown against item 231.13.15 are for 231.13.12 and 231.13.15 combined.

(b) Value shown against item 233.11.90 is for 233.11.11 and 233.11.90 combined.

ANZSIC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>236</b>	<b>Cocoa, chocolate and sugar confectionery</b>	..		<b>1 091 328</b>
236.01	Chocolate and other food preparations containing cocoa (excluding sweetened cocoa powder), in bulk form	52 978	t	260 347
236.02	Chocolate and other food preparations containing cocoa, other than in bulk form; cocoa powder, sweetened	68 266	t	357 827
236.02.01	Chocolate confectionery	27 328	t	*124 084
236.02.02	Other (including cocoa powder containing added sugar or other sweetening matter)	66 189	t	336 163
236.06	Confectionery without chocolate	..		..
<b>237</b>	<b>Macaroni, noodles, couscous and similar farinaceous products</b>	..		<b>288 296</b>
237.01	Pasta, uncooked, not stuffed or otherwise prepared	*34 961	t	*115 237
237.02	Pasta, cooked, stuffed or otherwise prepared; couscous	62 515	t	173 058
237.02.10	Canned (e.g. canned spaghetti)	*5 352	t	
237.02.90	Other	..		..
<b>239</b>	<b>Food products n.e.c.</b>	..		<b>1 849 839</b>
239.11	Coffee and tea, including substitutes	(a)		(b)
239.11.11	Coffee, roasted, whether or not decaffeinated or ground	14 363	t	144 063
239.11.12	Instant coffee	(a)3 588	t	(b)
239.11.13	Coffee extracts, essences and concentrates (excluding instant coffee)	..		(b)146 935
239.11.90	Other (including coffee, not roasted, decaffeinated; roasted chicory and roasted coffee substitutes and extracts, essences and concentrates thereof; green tea, not fermented; extracts, essences and concentrates of tea or mate, and preparations with a basis thereof or with a basis of tea or mate)	..		(c)
239.12	Soups and broths and preparations therefor (including dry powdered soup)	42 748	kL	118 653
239.16	Tomato ketchup and other tomato sauces	21 109	t	62 107
239.21	Mayonnaise and salad dressing	(c)		(c)
239.22	Dry powdered sauces	(c)31 152	t	(c)127 154
239.23	Mixed condiments and seasonings (e.g. celery salt)	16 532	kL	70 217
239.24	Other liquid sauces (e.g. mint, chilli, BBQ)	67 966	t	66 781
239.26	Yeasts and other single cell micro-organisms, dead (excluding vaccines)	31 900	t	141 868
239.28	Malt extracts	..		..
239.31	Health, invalid or baby preparations	..		..
239.31.11	Milk based preparations	..		..
239.33	Fruit juice cordials and syrups (containing at least 25% by volume pure fruit juice) (excluding natural fruit juice and post mix concentrates) Note: quantity data not converted to 'ready to drink' or 'finished beverage' litres	89 075	kL	121 032
239.34	Cordials and syrups (imitation and flavoured) (excluding post-mix concentrates) Note: quantity data not converted to 'ready to drink' or 'finished beverage' litres	49 700	kL	71 700
239.35	Flavouring essences, domestic	..		..
239.36	Flavouring essences, industrial (including for sale or transfer out to soft drink manufacturers)	12 037	kL	111 207
239.37	Milk based mixes for soft serves and thick shakes (including powdered mix in terms of liquid mix equivalents)	25 815	kL	28 994
239.41	Jelly crystals	*3 059	t	*16 888
239.42	Custard powder and the like	*13 467	t	*39 152
239.90	Other food preparations, n.e.c.	..		540 874

**24 Beverages**

<b>241</b>	<b>Ethyl alcohol; spirits, liqueurs and other spirituous beverages; compound alcoholic preparations of a kind used for the manufacture of beverages</b>	..		<b>162 981</b>
241.01	Ethyl alcohol	(d)		(c)
241.02	Whisky	(d)		19 653
241.03	Spirits obtained by distilling grape wine or grape marc	1 631	kL alc.	17 279
241.03.10	Brandy	6 663	kL alc.	19 659
241.03.90	Other (e.g. fortifying spirit)	..		..

(a) Quantity shown against item 239.11.13 is for 239.11.11 and 239.11.13 combined.

(b) Value shown against item 239.11.90 is for 239.11.11, 239.11.13 and 239.11.90 combined.

(c) Quantity and value shown against item 239.23 are for 239.12, 239.22 and 239.23 combined.

(d) Quantity shown against item 241.04.90 is for 241.01, 241.02, 241.04.11, 241.04.12 and 241.04.90 combined.

(e) Value shown against item 241.04.90 is for 241.01, 241.04.11, 241.04.12 and 241.04.90 combined.



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
241.04	Compound alcoholic preparations of a kind used for the manufacture of beverages; rum and tafia; gin and geneva; spirits and distilled alcoholic beverages, n.e.c.			
241.04.11	Rum	(a)		(b)
241.04.12	Gin	(a)		(b)
241.04.90	Other spirits and distilled alcoholic beverages and preparations	(a)128 753	KL etc.	(b)106 390
<b>242</b>	<b>Wines</b>	..		<b>1 323 251</b>
242.01	Sparkling wine of fresh grapes	72 418	KL	169 237
242.03	Beverage wine of fresh grapes (other than sparkling wines and vermouth)			
242.03.01	Fortified	31 558	KL	150 768
242.03.02	Unfortified	315 235	KL	921 076
242.04	Distillation wine (made from fresh and dried grapes) (leachings reported on the basis of 20% proof spirit content)	See 242.04.01		
242.04.01	Used for manufacture of spirits for wine fortifying (including wine consigned to others for distillation on commission)	40 058	KL	} See 242.04
242.04.02	Used for the manufacture of brandy and other spirits	19 538	KL	
242.04.03	Estimated quantity from marc supplied to any other establishments or enterprises	**604	KL	
242.05	Wine based mixed drinks (commonly known as 'coolers') containing more than 0.5% by volume of alcohol	n.p.		18 391
242.06	Fermented beverages n.e.c. (e.g. cider, perry, mead)	**15 253	KL	**33 390
<b>243</b>	<b>Malt liquors and malt</b>	..		<b>2 348 685</b>
243.01	Low alcohol beer containing less than 1.15% but more than 0.5% by volume of alcohol			} 2 348 685
243.01.01	Canned	n.p.		
243.01.02	Bottled	n.p.		
243.02	Beer containing 1.15% or more by volume of alcohol			
243.02.01	Bulk	n.p.		
243.02.02	Canned	n.p.		
243.02.03	Bottled	n.p.		
243.03	Malt, whether or not roasted	589	'000 t	
<b>244</b>	<b>Soft drinks; bottled mineral waters</b>	..		<b>(c)2 054 223</b>
244.01	Mineral waters and aerated waters, not containing added sugar or other sweetening matter nor flavoured			
244.01.01	Canned	*4 309	KL	*3 409
244.01.02	Bottled, in returnable bottles	76 438	KL	33 559
244.01.03	Bottled, in non-returnable bottles	50 937	KL	30 766
244.02	Mineral waters and aerated waters, containing added sugar or other sweetening matter or flavoured			
244.02.01	Canned	761 658	KL	510 437
244.02.02	Bottled, in returnable bottles	} 1 553 083	KL	122 893
244.02.03	Bottled, in non-returnable bottles			676 992
244.02.05	Post-mix concentrates	n.p.		n.p.
244.03	Flavoured whole milk drinks	194 163	KL	284 792
244.05	Other non alcoholic beverages			
244.05.01	Containing at least 25% by volume of pure fruit or vegetable juice	106 092	KL	} 249 598
244.05.02	Containing less than 25% by volume of pure fruit or vegetable juice (including drinks with no fruit or vegetable juice content, also including soy milk and flavoured low fat milk)	49 356	KL	
<b>25</b>	<b>Tobacco products</b>			
<b>250</b>	<b>Tobacco products</b>	..		<b>888 317</b>
250.10	Cigarettes, containing tobacco	32 367	million	} 888 317
250.90	Other (e.g. cigars, cheroots, cigarillos and tobacco for use in pipes or for making cigarettes)	n.p.		

(a) Quantity shown against item 241.04.90 is for 241.01, 241.02, 241.04.11, 241.04.12 and 241.04.90 combined.

(b) Value shown against item 241.04.90 is for 241.01, 241.04.11, 241.04.12 and 241.04.90 combined.

(c) Value shown excludes 244.02.05.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$ 000
<b>26</b>	<b>Yarn and thread; woven and tufted textile fabrics</b>			
<b>261</b>	<b>Natural textile fibres prepared for spinning</b>	..		<b>295 370</b>
261.10	Wool and fine or coarse animal hair			
261.10.01	Wool, degreased, not carbonized, not carded or combed	88 824	t	59 524
261.10.02	Wool, carbonized, not carded or combed	26 616	t	
261.10.03	Noils of wool or of fine animal hair	2 859	t	
261.10.04	Wool and fine or coarse animal hair, carded or combed			
261.10.04.01	Wool tops, 19 microns and finer	n.p.		227 346
261.10.04.02	Wool tops, of 20 to 23 microns	n.p.		
261.10.04.03	Wool tops, of 24 to 27 microns	n.p.		
261.10.04.04	Wool tops, 28 microns and up	2 888	t	
<b>262</b>	<b>Man-made textile staple fibres processed for spinning</b>	..		—
<b>263</b>	<b>Textile yarn and thread of natural fibres</b>	..		<b>285 311</b>
263.11	Woollen yarn (excluding elastic or elastomeric) containing 95% or more by weight of carded sheep or lambs' wool of a kind ordinarily used in carpet manufacture	2 261	t	16 876
263.12	Other woollen yarn (excluding elastic or elastomeric) containing 95% or more by weight of carded sheep or lambs' wool	5 126	t	44 909
263.13	Woollen yarn (excluding elastic or elastomeric) predominantly of carded sheep or lambs' wool or carded fine animal hair, but containing less than 95% by weight of carded sheep or lambs' wool of a kind ordinarily used in carpet manufacture	*1 219	t	9 268
263.14	Other woollen yarn (excluding elastic or elastomeric) predominantly of carded sheep or lambs' wool or carded fine animal hair, but containing less than 95% by weight of carded sheep or lambs' wool	66	t	1 719
263.15	Machine knitting worsted yarn (excluding elastic or elastomeric) containing 95% or more by weight of combed sheep or lambs' wool	3 212	t	52 131
263.16	Other worsted yarn (excluding elastic or elastomeric) containing 95% or more by weight of combed sheep or lambs' wool			
263.16.01	Of a kind ordinarily used in carpet manufacture	*654	t	*5 402
263.16.02	Of a kind not ordinarily used in carpet manufacture	1 001	t	29 791
263.18	Other woollen yarn (excluding elastic or elastomeric) predominantly of combed sheep or lambs' wool or combed fine animal hair, but containing less than 95% by weight of combed sheep or lambs' wool			
263.18.01	Of a kind ordinarily used in carpet manufacture	*560	t	*4 205
263.18.02	Of a kind not ordinarily used in carpet manufacture	522	t	12 052
263.22	Yarn (other than sewing thread, elastic or elastomeric) containing 85% or more by weight of cotton (reported on a single yarn basis)	30 369	t	93 419
263.23	Yarn (other than sewing thread, elastic or elastomeric) of, or predominantly of, cotton containing less than 85% by weight of cotton (reported on a single yarn basis)	1 221	t	*3 541
<b>264</b>	<b>Textile yarn and thread of man-made filaments or staple fibres</b>	..		<b>182 809</b>
264.12	Acrylic yarn (excluding sewing thread, elastic or elastomeric) containing 85% or more by weight of synthetic staple fibres used in carpet manufacture	*163	t	*1 305
264.13	Other acrylic yarn (excluding sewing thread, elastic or elastomeric) containing 85% or more by weight of synthetic staple fibres	981	t	17 703
264.14	Other yarn (excluding sewing thread, elastic or elastomeric) containing 85% or more by weight of synthetic staple fibres used in carpet manufacture			
264.15	Other yarn (excluding sewing thread, elastic or elastomeric) containing 85% or more by weight of synthetic staple fibres	2 077	t	12 420
264.16	Yarn of polyester mixed with cotton (excluding sewing thread, elastic or elastomeric) containing less than 85% by weight of synthetic staple fibres	13 883	t	*32 158
264.22	Synthetic filament yarn (excluding textured, polyester or single, also excluding sewing thread, elastic or elastomeric)	*3 215	t	*18 050
264.26	Elastomeric yarn of artificial filament, staple fibres or synthetic monofilament (containing polyurethane or similar thread, not containing rubber thread)	*1 015	t	*12 770
<b>265</b>	<b>Woven fabrics (except special fabrics) of natural fibres other than cotton</b>	..		<b>96 519</b>
265.10	Woven fabrics of wool or fine animal hair			
265.10.01	Broadwoven fabric of, or predominantly of, wool or fine animal hair (excluding elastic, pile or chenille) woollen, containing 95% or more by weight of sheep or lambs' wool	2 488	'000 m <sup>2</sup>	27 232

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
265.10.02	Broadwoven fabric of, or predominantly of, wool or fine animal hair (excluding elastic, pile or chenille) woollen, containing 85% or more, but less than 95% by weight of sheep or lambs' wool	484	'000 m <sup>2</sup>	6 694
265.10.03	Broadwoven fabric of, or predominantly of, wool or fine animal hair (excluding elastic, pile or chenille) worsted, containing 95% or more by weight of sheep or lambs' wool	2 756	'000 m <sup>2</sup>	37 452
265.10.04	Broadwoven fabric of, or predominantly of, wool or fine animal hair (excluding elastic, pile or chenille) worsted, containing 85% or more, but less than 95% by weight of sheep or lambs' wool			
<b>266</b>	<b>Woven fabrics (except special fabrics) of cotton</b>	..		<b>121 432</b>
266.01	Woven fabrics of cotton, containing 85% or more by weight of cotton	13 863	'000 m <sup>2</sup>	108 783
266.02	Woven fabrics of cotton, containing less than 85% by weight of cotton, mixed mainly or solely with man-made fibres; other woven fabrics of cotton	*5 579	'000 m <sup>2</sup>	12 648
<b>267</b>	<b>Woven fabrics (except special fabrics) of man-made filaments and staple fibres</b>	..		<b>450 273</b>
267.12	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing 85% or more by weight of polyester filaments	69 474	'000 m <sup>2</sup>	19 819
267.13	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing 85% or more by weight of polyethylene and/or polypropylene filaments			
267.16	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) of artificial filaments	5 774	'000 m <sup>2</sup>	47 848
267.17	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing 85% or more by weight of polyester staple fibres			
267.18	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing 85% or more by weight of other synthetic staple fibres	**1 959	'000 m <sup>2</sup>	**17 607
267.21	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing less than 85% by weight of polyester staple fibres, mixed mainly or solely with cotton			
267.23	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing less than 85% by weight of polyester staple fibres, mixed mainly or solely with viscose	30 958	'000 m <sup>2</sup>	100 347
267.25	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing less than 85% by weight of other synthetic staple fibres, mixed mainly or solely with cotton	50 471	'000 m <sup>2</sup>	155 536
267.26	Broadwoven fabric of, or predominantly of, man-made fibres (excluding elastic or tyre cord, pile or chenille) containing less than 85% by weight of other synthetic staple fibres, mixed mainly or solely with fibres other than cotton	3 969	'000 m <sup>2</sup>	11 826
<b>268</b>	<b>Special fabrics</b>	..		<b>72 055</b>
<b>27</b>	<b>Textile articles other than apparel</b>			
<b>271</b>	<b>Made-up textile articles</b>	..		<b>819 929</b>
271.14	Towels (including face washers and tea towels) of cotton terry towelling or similar cotton terry fabrics	1 227	'000 m <sup>2</sup>	6 422
271.14.11	Not exceeding 55 cm in width			
271.14.12	Exceeding 55 cm but not exceeding 75 cm in width			
271.14.13	Exceeding 75 cm in width	*3 768	'000 m <sup>2</sup>	57 769
271.15	Interior blinds and other furnishing articles	..		
271.15.01	Interior blinds, of woven textile materials of, or predominantly of, cotton	..		118 713
271.15.02	Interior blinds, of woven textile materials of, or predominantly of, other than cotton	..		42 344
271.15.03	Furnishing articles (other than blinds, bedspreads, lampshades and floor coverings) of woven textile fabrics	..		21 252
271.15.04	Furnishing articles (including bed linen and table linen), knitted or crocheted (excluding continuous curtaining)	..		23 590
271.15.05	Curtains in the piece (including continuous curtaining), knitted or crocheted	4 626	'000 m <sup>2</sup>	38 211
271.16	Articles of bonded fibre fabrics or similar bonded yarn fabrics (excluding labels, badges and the like, and cleaning cloths)	..		48 514

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
271.17	Sacks and bags, of a kind used for the packing of goods			
271.17.10	Of canvas	*70	'000	*1 246
271.17.90	Other (excluding canvas)	*2 216	'000	*15 568
271.18	Tarpaulins, sails for boats, etc.; awnings, sunblinds, tents and camping goods (including pneumatic mattresses)			
271.18.11	Exterior blinds and awnings of canvas	..		17 375
271.18.12	Exterior blinds and awnings of other than canvas	..		13 748
271.18.13	Tarpaulins			
271.18.13.11	Canvas	..		*22 836
271.18.13.12	Polyethylene/polypropylene	..		*5 752
271.18.13.90	Other (including coated fabrics)	..		39 106
271.18.14	Tents	..		*4 232
271.18.15	Sails	..		*13 699
271.18.16	Annexes	..		*11 161
271.18.19	Other camping goods of textile fabric (including pneumatic mattresses) (excluding sleeping bags)	..		*7 871
271.21	Quilts, eiderdowns, cushions, pouffes pillows, sleeping bags and the like fitted with springs or stuffed or internally fitted with any material or of cellular rubber or plastics			
271.21.01	Sleeping bags	*59	'000	4 645
271.21.02	Continental quilts, plumage filled	293	'000	20 023
271.21.03	Continental quilts, other than plumage filled	471	'000	22 157
271.21.06	Pillows, cushions, bolsters, bean bags, etc.	..		85 285
271.90	Other made-up textile articles (including floor-cloths, dish-cloths, dusters and similar cleaning cloths, life-jackets and life-belts)			
271.90.11	Floor-cloths, dish-cloths, dusters and similar cleaning cloths	..		*10 710
271.90.12	Motor vehicle covers of textile fabrics	..		*12 071
271.90.14	Life jackets and life-belts and other made-up textile articles n.e.c.	..		22 923
271.90.90	Made up textile articles n.e.c.	..		*45 777
272	Carpets and other textile floor coverings	..		619 716
272.12	Carpets and other textile floor coverings, tufted			
272.12.11	Of wool or fine animal hair	7 272	'000 m <sup>2</sup>	129 794
272.12.12	Of nylon or other polyamides	23 380	'000 m <sup>2</sup>	368 085
272.12.13	Of other man-made textile fibres	4 352	'000 m <sup>2</sup>	45 163
272.13	Carpets, carpeting, floor rugs, mats and matting, and other textile floor coverings, whether or not made-up, not tufted or flocked (including of felt)			
272.13.01	Woven, of, or predominantly of, wool or fine animal hair	}	n.p.	41 253
272.13.02	Woven, of textile materials (excluding coir, sisal and other hard fibres)		..	16 483
272.13.04	Mats and other floor coverings of coir, sisal or other hard fibres		..	
273	Twine, cordage, ropes and cables and articles thereof (including netting)	..		64 699
273.11	Twine, cordage, ropes and cables, whether or not plaited			
273.11.11	Of, or predominantly of, polyethylene man-made fibres	}	9 789 t	58 157
273.11.12	Of, or predominantly of, polypropylene man-made fibres			
273.11.13	Of, or predominantly of, polyamide man-made fibres			
273.11.14	Of, or predominantly of, other man-made fibres			
273.11.15	Of, or predominantly of, cotton			
273.11.90	Of, or predominantly of, other fibres			
279	Textiles n.e.c.	..		262 320
279.11	Narrow fabrics; articles of textile materials n.e.c.;			
279.11.11	Narrow (up to 30 cm wide) elastic or elastomeric (containing 5% or more by weight of elastomeric yarn or rubber thread) woven textile fabrics (excluding of a kind commonly used in machinery or plant, or woven labels, badges and similar articles)	..		*14 754
279.11.12	Narrow (up to 30 cm wide) woven textile fabrics (excluding of a kind commonly used in machinery or plant, or woven labels, badges and similar articles)			
279.11.12.11	Bias binding	..		*7 045
279.11.12.12	Other of, or predominantly of, cotton	..		*12 745
279.11.12.13	Tape of, or predominantly of, synthetic fibres	..		*20 368
279.11.13	Labels, badges and the like (not embroidered), of textile fabrics (excluding knitted or crocheted)			
279.11.13.01	Having woven lettering or design thereon	..		*13 534
279.11.13.02	Having printed lettering or design thereon	..		34 347

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
279.15	Wadding of textile materials and articles thereon; textile fibres not exceeding 5 mm in length (flock), textile dust and mill neps			
279.15.02	Articles of wadding (excluding of cellulose wadding, clothing pads, impregnated or coated with pharmaceutical substances or put up in retail packings for medical or surgical purposes), textile flock, dust and mill neps	..		*25 524
279.23	Textile products and articles for technical uses			
279.23.01	Textile wicks, woven, plaited or knitted, for lamps, stoves, lighters, candles or the like; incandescent gas mantles and tubular knitted fabric therefor, whether or not impregnated	..		***2 688
279.23.02	Textile fabrics (excluding rubber or plastics coated) and textile articles (excluding bags), of a kind commonly used in machinery or plant	..		20 775
279.90	Other textiles n.e.c.	..		71 311
<b>28</b>	<b>Knitted or crocheted fabrics; wearing apparel</b>			
<b>281</b>	<b>Knitted or crocheted fabrics</b>	..		<b>525 662</b>
281.11	Pile and terry fabrics, knitted or crocheted (excluding elastic, elastomeric and parts knitted to shape for garments and other articles)			
281.11.11	Long pile fabrics	***8 571	t	***8 299
281.11.12	Looped pile fabrics	*16 335	t	30 593
281.12	Other knitted or crocheted fabrics (excluding pile, elastic, elastomeric and parts knitted to shape for garments and other articles)			
281.12.01	Warp knit fabrics of a width not exceeding 30 cm	24 142	t	205 997
281.12.02	Warp knit fabrics of a width exceeding 30 cm			
281.12.03	Other knitted or crocheted fabrics (including weft) of a width not exceeding 30 cm			
281.12.04	Other knitted or crocheted fabrics (including weft) of a width exceeding 30 cm	**70	t	**838
281.13	Elastic or elastomeric knitted or crocheted fabrics (containing 5% or more by weight of elastomeric yarn or rubber thread)	22 878	t	211 811
281.13	Elastic or elastomeric knitted or crocheted fabrics (containing 5% or more by weight of elastomeric yarn or rubber thread)	*3 284	t	*68 124
<b>282</b>	<b>Wearing apparel, except fur apparel</b>	..		<b>3 285 481</b>
282.12	Men's hosiery, knitted or crocheted			
282.12.01	Half hose of, or predominantly of			
282.12.01.11	Wool	6 630	'000 pairs	19 170
282.12.01.12	Synthetic fibres (non-cellulosic)	2 521	'000 pairs	5 739
282.12.01.90	Other fibres	9 409	'000 pairs	28 394
282.12.02	Other than half hose (including golf and 3/4 length) of, or predominantly of			
282.12.02.10	Synthetic fibres (non-cellulosic)	4 364	'000 pairs	13 047
282.12.02.90	Other fibres			
282.13	Women's hosiery, knitted or crocheted (excluding pantyhose and tights included against 282.11)			
282.13.10	Half-hose (all fibres)	24 995	'000 pairs	28 068
282.13.90	Other (all fibres) (including knee-high stockings and legwarmers)			19 021
282.14	Children's hosiery (up to and including size 10), knitted or crocheted, (excluding pantyhose and tights included against 282.11) of, or predominantly of			
282.14.10	Synthetic fibres (non-cellulosic)	2 801	'000 pairs	5 415
282.14.90	Other fibres	12 416	'000 pairs	35 979
282.15	Men's and boys' wearing apparel, knitted or crocheted fabric			
282.15.01	Men's and boys' suits, coats, blazers, jackets, capes and cloaks (excluding cardigans, sweatshirts and the like)	..		*12 473
282.15.02	Men's shirts (excluding t-shirts and tank tops, sweatshirts, nightshirts included against 282.17.01, 282.21.01 and 282.15.07.01 respectively)			
282.15.02.10	Polyester/cotton (all mixtures)	*3 937	'000	63 083
282.15.02.90	Other	..		6 507
282.16	Women's or girls' wearing apparel, knitted or crocheted fabric			
282.16.11	Women's dresses (including uniforms and wedding dresses) (excluding dresses included with 'complete suits and ensembles' against 282.16.17)	11 953	'000	110 741
282.16.12	Girls' dresses (excluding dresses included with 'complete suits and ensembles' against 282.16.17)	*2 486	'000	*17 191
282.16.13	Women's skirts (including culottes) (excluding skirts included with 'complete suits and ensembles' against 282.16.17)	1 393	'000	30 103
282.16.14	Girls' skirts (including culottes) (excluding skirts included with 'complete suits and ensembles' against 282.16.17)	287	'000	2 657

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
282.16.15	Women's and girls' overalls, slacks and other long trousers (excluding slacks etc. included with 'complete suits and ensembles' against 282.16.17) Note: Also excludes jeans and waterproof clothing, included against 282.31.21, 282.31.22 and 282.37.05.01 respectively	4 034	'000	69 589
282.16.16	Women's and girls' shorts (excluding culottes, included against 282.16.13 or 282.16.14)	828	'000	8 923
282.16.17	Women's and girls' complete suits and ensembles (excluding tracksuits, sweatsuits, jogging suits, leisure suits and jump suits included against 282.37.04.01 or 282.37.04.04)	1 069	'000	20 614
282.16.18	Women's and girls' coats, blazers, jackets, capes and cloaks (excluding cardigans, sweatshirts and the like)			55 693
282.16.21	Women's shirts and blouses (excluding t-shirts and tank tops, sweatshirts, workshirts included against 282.17.03, 282.21.02 and 282.37.07.10 respectively) of, or predominantly of			
282.16.21.10	Cotton or polyester/cotton	*4 944	'000	33 037
282.16.21.90	Other fibres	***332	'000	3 146
282.16.23	Women's and girls' slips and petticoats (including half-slips)	*1 736	'000	*12 789
282.16.24	Women's and girls' dressing gowns, bathrobes, beachrobes, kimonos, brunchcoats and housecoats	*791	'000	*9 112
282.16.25	Women's briefs and panties of, or predominantly of			
282.16.25.10	Cotton	15 580	'000	82 875
282.16.25.90	Other fibres	5 166	'000	36 871
282.16.26	Girls' briefs and panties	4 217	'000	13 025
282.16.27	Women's sleepwear (chest measurement 86 cm and over)			
282.16.27.01	Pyjamas (all types)	**512	'000	5 911
282.16.27.02	Nightdresses and nightshirts	*2 965	'000	35 549
282.17	T-shirts, singlets and other vests, knitted or crocheted fabric (including 'fashion' singlets) Note: T-shirts defined as lightweight garments, vest type, not napped, with close or loose fitting sleeves, without buttons, collar or opening in neckline, with a close-fitting or lower neckline			
282.17.01	Men's t-shirts and tank tops (excluding flannel undershirts and t-singlets included against 282.17.05)	7 729	'000	88 642
282.17.02	Boys' t-shirts and tank tops (excluding flannel undershirts and t-singlets included against 282.17.05)	1 648	'000	12 095
282.17.03	Women's t-shirts and tank tops, of, or predominantly of			
282.17.03.10	Cotton or polyester cotton	*7 402	'000	52 894
282.17.03.90	Other fibres	**525	'000	5 035
282.18	Jerseys, cardigans, jumpers, sweaters, pullovers (including 'skiwy-type' pullovers) and twin sets, waistcoats and similar articles, knitted or crocheted fabric (excluding sweatshirts and 'sloppy-joes' included against 282.21)			
282.18.01	Men's, of, or predominantly of			
282.18.01.10	Wool or fine animal hair (e.g. mohair, cashmere)	1 196	'000	44 124
282.18.01.90	Other fibres			17 858
282.18.02	Boys', of, or predominantly of			
282.18.02.10	Wool or fine animal hair (e.g. mohair, cashmere)	*110	'000	3 236
282.18.02.90	Other fibres	*95	'000	1 978
282.18.03	Women's, of, or predominantly of			
282.18.03.10	Wool or fine animal hair (e.g. mohair, cashmere)	1 079	'000	32 112
282.18.03.90	Other fibres	*1 636	'000	19 849
282.18.04	Girls', of, or predominantly of			
282.18.04.10	Wool or fine animal hair (e.g. mohair, cashmere)	*66	'000	2 026
282.18.04.90	Other fibres	*98	'000	732
282.21	Sweatshirts and 'sloppy-joes', knitted or crocheted fabric (excluding jackets for tracksuits, sweatsuits, jogging suits and leisure suits included against 282.37.04.02 or 282.37.04.05)			
282.21.01	Men's and boys'	1 156	'000	17 875
282.21.02	Women's and girls'	1 681	'000	21 656
282.23	Men's or boys' suits, coats, jackets, trousers, shorts and the like, of textile fabric, not knitted or crocheted			
282.23.11	Men's woven fabric complete suits (chest measurement 86 cm and over) other than uniforms (including six-way suits)			
282.23.11.01	With waistcoat	243	'000	39 828
282.23.11.02	Without waistcoat			
282.23.13	Men's woven fabric suit coats (excluding coats included with 'complete suits' against 282.23.11)	103	'000	18 993

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
282.23.15	Men's and boys' woven fabric sports coats, blazers and jackets (structured, all lengths) (excluding parkas and other waterproof coats/jackets included against 282.37.05.02 and 282.37.05.03 respectively)	257	'000	22 312
282.23.16	Men's and boys' woven fabric coats, blazers and jackets for uniforms (all lengths) (excluding parkas and other waterproof coats/jackets included against 282.37.05.02 and 282.37.05.03 respectively)	306	'000	14 875
282.23.21	Men's long trousers (excluding waterproof included against 282.37.05.01)			
282.23.21.01	Suit trousers (excluding trousers included with 'complete suits' against 282.23.11)	231	'000	8 270
282.23.21.02	For uniforms	*373	'000	15 307
282.23.21.03	Work trousers (of heavyweight textile fabric designed solely for industrial purposes)	*1 121	'000	28 329
282.23.21.04	Other long trousers (excluding jeans included against 282.23.23)	*2 263	'000	46 938
282.23.23	Men's jeans, long	3 020	'000	115 189
282.23.24	Boys' jeans, long	425	'000	
282.23.25	Men's industrial overalls (excluding waterproof included against 282.37.05.01) of, or predominantly of			
282.23.25.10	Cotton	*2 822	'000	51 158
282.23.25.90	Other fibres	*271	'000	6 708
282.23.26	Men's shorts (excluding swimshorts and board shorts designed for swimwear included against 282.37.03.01 or 282.37.03.03) of, or predominantly of			
282.23.26.10	Cotton	3 502	'000	37 213
282.23.26.90	Other fibres	*2 231	'000	15 974
282.24	Men's textile woven fabric shirts (excluding t-shirts and tank tops, sweatshirts and nightshirts included against 282.37.06.90 and 282.27.02 respectively)			
282.24.01	Business or formal shirts	1 759	'000	27 752
282.24.02	Casual or sports shirts			
282.24.02.10	Polyester/cotton (all mixtures)	1 733	'000	26 705
282.24.02.90	Other	**306	'000	5 741
282.24.03	Industrial workshirts (of heavyweight textile fabric designed solely for industrial purposes)	1 758	'000	9 825
282.28	Men's and boys' textile woven (or of bonded fabrics) underpants (long and short), briefs, singlets and other vests			n.p.
282.31	Women's or girls' suits, coats, jackets, dresses, skirts, trousers, shorts and the like, of textile fabric, not knitted or crocheted			
282.31.11	Women's and girls' woven coats, blazers and jackets (excluding coats etc. included with 'complete suits and ensembles' against 282.31.14) Note: also excludes dustcoats, housecoats, parkas and other waterproof coats/jackets included against 282.37.08, 282.32.03, 282.37.05.02 and 282.37.05.03 respectively	548	'000	37 099
282.31.13	Women's and girls' textile fabric capes and cloaks, other than knitted or crocheted			*34 633
282.31.14	Women's and girls' woven fabric complete suits and ensembles (excluding tracksuits, sweatsuits, jogging suits, leisure suits and jump suits included against 282.37.04.01 or 282.37.04.04)			
282.31.14.01	Women's	*1 686	'000	85 633
282.31.14.02	Girls'	**207	'000	8 375
282.31.15	Women's woven fabric dresses (including uniforms and wedding dresses) (excluding dresses included with 'complete suits and ensembles' against 282.31.14.01)	4 726	'000	133 557
282.31.16	Girls' woven fabric dresses (excluding dresses included with 'complete suits and ensembles' against 282.31.14.02)	2 116	'000	38 602
282.31.17	Women's woven fabric skirts (including culottes) (excluding skirts included with 'complete suits and ensembles' against 282.31.14.01)	2 133	'000	57 448
282.31.18	Girls' woven fabric skirts (including culottes) (excluding skirts included with 'complete suits and ensembles' against 282.31.14.02)	*530	'000	*8 117
282.31.21	Women's jeans, long	2 366	'000	66 241
282.31.22	Girls' jeans, long	*336	'000	
282.31.23	Women's and girls' woven fabric overalls, slacks and other long trousers (excluding slacks etc. included with 'complete suits and ensembles' against 282.31.14) Note: Also excludes jeans, and waterproof clothing included against 282.31.21 or 282.31.22 and 282.37.05.01 respectively			
282.31.23.10	Overalls (including bib and brace) and coogans	*381	'000	12 986
282.31.23.90	Other	*956	'000	24 363

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
282.32	Women's or girls' blouses, shirts, singlets, petticoats, panties, nightdresses, dressing gowns and similar articles, of textile fabric, not knitted or crocheted			
282.32.01	Women's woven fabric shirts and blouses (excluding t-shirts and tank tops, sweatshirts, workshirts included against 282.37.07.90) of, or predominantly of			
282.32.01.10	Cotton or polyester/cotton	3 571	'000	67 670
282.32.01.90	Other fibres	**2 746	'000	54 843
282.32.02	Girls' woven fabric shirts and blouses (excluding t-shirts and tank tops, sweatshirts, workshirts included against 282.37.07.90)	*4 672	'000	*34 025
282.32.04	Women's and girls' sleepwear			
282.32.04.01	Women's pyjamas (all types) (chest measurement 86 cm and over), woven fabric	641	'000	14 033
282.32.04.02	Women's nightdresses (all lengths) (chest measurement 86 cm and over), woven fabric	**399	'000	4 756
282.32.04.03	Girls' sleepwear (chest measurement less than 86 cm), woven fabric	**506	'000	8 955
282.34	Brassieres, girdles, corsets, braces, suspenders, garters and similar articles and parts thereof, whether or not knitted or crocheted			
282.34.12	Short, underbust wired brassieres	4 797	'000	82 672
282.34.13	Short, not underbust wired brassieres	1 720	'000	24 596
282.34.14	Brassieres (excluding maternity or short)	*1 380	'000	34 779
282.35	Handkerchiefs, shawls, scarves, veils, ties, cravats, gloves and other made-up clothing accessories, of textile fabric, not knitted or crocheted; parts of garments or of clothing accessories, of textile fabric, not knitted or crocheted, n.e.c.			
282.35.13	Ties, bow ties and cravats, woven or of bonded fabrics			*37 193
282.35.90	Clothing accessories, n.e.c., of textile fabrics (excluding knitted or crocheted)			52 780
282.36	Apparel of leather or of composition leather; clothing accessories of leather or of composition leather (excluding sports gloves)			
282.36.02	Clothing and clothing accessories, of leather or composition leather (excluding headwear, belts and gloves, mittens or mitts included against 282.41.90, 282.36.03 and 282.36.01 respectively)			
282.36.02.10	Coats and jackets	**83	'000	22 815
282.36.02.90	Other (excluding girdles, braces, wrist straps and watch straps)			*4 744
282.36.03	Belts for clothing, of leather or composition leather	3 703	'000	34 316
282.37	Track suits, ski suits, swimwear and other garments, n.e.c.; garments made up of felt, nonwovens or textile fabrics			
282.37.01	Men's and boys' waistcoats for suits (excluding waistcoats included with 'complete suits' against 282.23.11.01 and 282.23.12)	*44	'000	2 713
282.37.02	Women's and girls' knitted or crocheted leotards and body stockings	1 122	'000	18 649
282.37.03	Swimwear (including board shorts designed for swimwear) (excluding infants' included against 282.33.16)			
282.37.03.01	Men's and boys', knitted or crocheted fabric	*747	'000	11 264
282.37.03.02	Women's and girls', knitted or crocheted fabric	**2 289	'000	43 132
282.37.03.03	Men's, woven fabric	1 029	'000	37 848
282.37.03.04	Boys', woven fabric			
282.37.03.05	Women's and girls', woven fabric			
282.37.04	Track suits, sweat suits, jogging suits, leisure suits and jump suits, knitted or crocheted fabric			
282.37.04.01	Men's and women's complete suits (chest measurements 86 cm and over)	2 227	'000	39 600
282.37.05	Waterproof, plastic (unsupported film) and rubber clothing (including rubberised, plastic coated or oilskin) (excluding if simply sprayed with water repellant)			
282.37.05.01	Trousers and overalls	230	'000	17 711
282.37.05.02	Parkas			
282.37.05.03	Other waterproof coats, cloaks and jackets			16 999
282.37.06	Men's and boys' clothing n.e.c.			
282.37.06.10	Knitted or crocheted fabric			*7 610
282.37.06.90	Textile fabric other than knitted or crocheted			38 261
282.37.07	Women's and girls' clothing n.e.c.			
282.37.07.10	Knitted or crocheted fabric			18 914
283	Tanned or dressed furskins and artificial fur; articles thereof (excluding headgear)			122 126
283.11	Tanned or dressed furskins			
283.11.01	Tanned or dressed marsupial skins with hair or wool retained	809	'000	7 787



ANZSC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
283.11.02	Tanned or dressed sheep and lamb skins with hair or wool retained (excluding rugs)	3 045	'000	41 989
283.11.03	Other tanned or dressed skins with hair or wool retained	792	'000	20 835
283.11.04	Tanned or dressed sheepskin rugs with hair or wool retained	1 106	'000	25 608
283.12	Clothing, clothing accessories and other articles made from sheepskins or other furskins (excluding headwear, footwear, handbags, purses and toys)	..		*17 385
283.13	Clothing, clothing accessories and other articles of artificial fur (excluding headwear, footwear, handbags, purses and toys)	..		*18 521
<b>29</b>	<b>Leather and leather products; footwear</b>			
291	<b>Tanned or dressed leather: composition leather</b>	..		<b>476 964</b>
291.12	Leather, chrome tanned (including re-tanned), dressed or finished			
291.12.01	Grain (excluding upholstery, suede and lining), calf and yearling	139	'000 m <sup>2</sup>	5 432
291.12.02	Grain (excluding upholstery, suede and lining), cattle	9 583	'000 m <sup>2</sup>	215 996
291.12.03	Grain (excluding upholstery, suede and lining), other			
291.12.05	Suede, flesh splits			
291.12.06	Lining			
291.12.07	Upholstery	3 386	'000 m <sup>2</sup>	104 701
291.12.08	Dressed splits n.e.c.			
291.13	Leather, not dressed or finished			
291.13.01	Splits, undressed	n.p.		
291.13.04	Other, chrome tanned	4 209	'000 m <sup>2</sup>	123 482
291.90	Tanned or dressed leather or composition leather n.e.c.	..		10 327
292	<b>Luggage, handbags and the like; saddlery and harness; other articles of leather</b>	..		<b>65 740</b>
292.12	Luggage, handbags and the like, of leather, composition leather, plastic sheeting, textile materials, vulcanized fibre or paperboard; travel sets for personal toilet, sewing or shoe or clothes cleaning			
292.12.11	Handbags, whether or not with shoulder strap (including without handle)			
292.12.11.01	With outer surface of leather, composition leather or of patent leather	*216	'000	13 985
292.12.13	Purses and key cases			
292.12.13.01	Leather	*908	'000	11 228
292.90	Articles of leather n.e.c.	..		23 764

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>297</b>	<b>Footwear, with outer soles and uppers of rubber or plastics, or with uppers of leather or textile materials (including protective, sports and miscellaneous special footwear) (excluding skating boots, asbestos and orthopaedic footwear); parts of footwear</b>			<b>590 664</b>
297.11	Sports footwear (excluding skating boots with ice or roller skates attached)	*217	'000 pairs	*8 703
297.12	Waterproof footwear of rubber or plastic, with outer soles fixed to uppers by moulding, vulcanising, welding, cementing or similar processes (e.g. gumboots, waders and certain snow-boots, galoshes, overshoes and ski-boots)	*759	'000 pairs	*15 582
297.14	Men's footwear, with uppers of leather and outer soles of rubber or plastic (excluding sports footwear)			
297.14.01	Injection moulded or vulcanised soles			
297.14.01.01	Boots	2 801	'000 pairs	96 226
297.14.01.02	Shoes, sandals, slippers and other footwear	*1 203	'000 pairs	31 038
297.14.02	Attached soles			
297.14.02.01	Boots	198	'000 pairs	12 633
297.14.02.02	Shoes, sandals, slippers and other footwear	1 484	'000 pairs	63 009
297.15	Men's footwear, with uppers of leather and outer soles of leather or composition leather (excluding sports footwear)			
297.15.01	Boots	**385	'000 pairs	*12 704
297.15.02	Shoes, sandals, slippers and other footwear	*213	'000 pairs	*12 371
297.17	Women's footwear, with uppers of leather and outer soles of rubber or plastic (excluding sports footwear)			
297.17.01	Injection moulded or vulcanised soles			
297.17.01.01	Boots	*355	'000 pairs	13 862
297.17.01.02	Shoes, sandals, slippers and other footwear	*2 448	'000 pairs	69 686
297.17.02	Attached soles			
297.17.02.01	Boots	4 014	'000 pairs	110 874
297.17.02.02	Shoes, sandals, slippers and other footwear			
297.18	Women's footwear, with uppers of leather and outer soles of leather or composition leather (excluding sports footwear)			
297.18.01	Boots	*264	'000 pairs	44 257
297.18.02	Shoes, sandals, slippers and other footwear	1 055	'000 pairs	
297.23	Children's footwear, with uppers of leather and outer soles of rubber or plastic (excluding sports footwear) (sizes below size 2 second size range)			
297.23.01	Injection moulded or vulcanised soles	917	'000 pairs	*35 615
297.23.02	Attached soles	541	'000 pairs	20 020
297.28	Parts of footwear			
297.28.11	Soles of moulded rubber and rubber composition (including one piece soles and heels)	n.p.	}	15 043
297.28.13	Plastic heels, for sale or transfer out as such	n.p.		
297.28.90	Parts of footwear n.e.c.			

### 3 OTHER TRANSPORTABLE GOODS, EXCEPT METAL PRODUCTS, MACHINERY AND EQUIPMENT

#### 31 Products of wood, cork, straw and plaiting materials

<b>311</b>	<b>Wood, sawn or chipped lengthwise, sliced or peeled, of a thickness exceeding 6 mm; railway or tramway sleepers (cross-ties) of wood, not impregnated</b>			<b>1 490 191</b>
311.02	Output of undressed sawn timber from logs sawn in mill during the year (excluding resawn timber)			
311.02.01	Forest hardwoods			
311.02.01.01	Grown in own State	**4 216	'000 m <sup>3</sup>	484 580
311.02.01.02	Grown in other States	**13	'000 m <sup>3</sup>	
311.02.02	Brushwoods and scrubwoods			
311.02.02.01	Grown in own State	*3	'000 m <sup>3</sup>	
311.02.04	Softwoods (non-pored timbers), from Australian native forest pines			
311.02.04.01	Cypress, grown in own State	27 298	'000 m	}
311.02.04.03	Other native pines, grown in own State			
311.02.05	Softwoods from Australian plantation pines (e.g. Pinus radiata, Pinus pinaster, etc.)			
311.02.05.01	Grown in own State	10 100	'000 m <sup>3</sup>	}
311.02.05.02	Grown in other States			

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
311.03	Undressed sawn timber for sale or transfer out as such (including timber treated with a chemical preservative or kiln dried) (excluding sleepers and shingles)			
311.03.01	Palings (including undressed pickets for sale or transfer out as such)	78 000	m <sup>3</sup>	21 376
311.03.02	Obtained from logs sawn in mill or logs sawn for mill on commission by another mill (excluding sleepers, palings and shingles)			
311.03.02.01	Hardwoods	*350 000	m <sup>3</sup>	121 625
311.03.02.02	Softwoods (non-pored timbers)	*141 000	m <sup>3</sup>	61 078
311.03.03	Obtained from resawing of sawn timber purchased or transferred in (excluding sleepers, palings and shingles)	50 000	m <sup>3</sup>	30 065
311.03.04	Seasoned (including kiln dried) timber not sawn or resawn in mill (excluding sleepers, palings and shingles)			81 100
311.04	Timber kiln dried during the year	2 517 000	m <sup>3</sup>	
311.05	Dressed timber and mouldings, of a thickness exceeding 6 mm (excluding timber parquetry)	1 531 000	m <sup>3</sup>	688 347
312	<b>Wood continuously shaped along any of its edges or faces; wood wool; wood flour; wood in chips or particles</b>			<b>553 894</b>
312.01	Dressed timber and mouldings, of a thickness up to and including 6 mm (excluding timber parquetry)			
312.01.11	Pickets	112 000	m <sup>3</sup>	55 392
312.01.12	Floorboards			
312.01.12.01	Australian timber			
312.01.12.02	Imported timber			
312.01.13	Weatherboards			
312.01.13.01	Australian timber	*25 000	m <sup>3</sup>	13 538
312.01.13.02	Imported timber	*2 000	m <sup>3</sup>	2 172
312.01.90	Other	106 000	m <sup>3</sup>	51 246
312.03	Wood in chips or particles			
312.03.01	Hardwoods (broad leaved, green weight) (excluding chips which are not sold or are used in own works)	5 256 000	t	367 174
312.03.02	Softwoods (coniferous, green weight) (excluding chips which are not sold or are used in own works)	1 815 000	t	62 628
313	<b>Wood in the rough, treated with paint, stains, creosote or other preservatives; railway or tramway sleepers (cross-ties) of wood, impregnated</b>			<b>100 313</b>
313.01	Wood in the rough, treated with paint, stains, creosote or other preservatives (including logs, pile, etc.) (excluding sawn timber, dressed or undressed)			69 976
313.02	Railway or tramway sleepers, sawn, undressed, impregnated, for sale or transfer out as such	*102 000	m <sup>3</sup>	*30 337
314	<b>Boards and panels</b>			<b>908 206</b>
314.01	Plywood consisting solely of sheets of wood (each ply not exceeding 6 mm thickness)			
314.01.11	Overlaid	104 472	m <sup>3</sup>	31 467
314.01.16	Exterior glueline (excluding overlaid), structural, up to and including 7 mm thickness	5 416	m <sup>3</sup>	4 596
314.01.17	Exterior glueline (excluding overlaid), structural, exceeding 7 mm in thickness	36 589	m <sup>3</sup>	26 052
314.02	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.)	(a)		(a)
314.03	Particle board and similar board of wood or other ligneous materials (whether or not agglomerated with resins or other organic binding substances)			
314.03.01	Decorative melamine or D.A.P. laminates, bonded to a substrate by an adhesive	890 932	m <sup>3</sup>	311 155
314.03.02	Other decorative melamine or D.A.P. laminates	*76 771	m <sup>3</sup>	6 255
314.03.03	Other laminated boards (e.g. laminated with vinyl, metal foil etc.) (excluding veneered with timber)	96 738	m <sup>3</sup>	42 600
314.03.04	Not laminated	742 088	m <sup>3</sup>	208 746
314.04	Fibreboard of wood or other ligneous materials (whether or not bonded with resins or other organic substances) (excluding fibre paperboard and particle board)	(a)500 642	m <sup>3</sup>	(a)261 456

(a) Quantity and value shown against item 314.04 are for 314.02 and 314.04 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$ '000
<b>315</b>	<b>Veneer sheets; sheets for plywood; densified wood</b>	..		<b>85 776</b>
315.01	Veneer sheets and sheets for plywood			
315.01.01	Peeled (rotary cut) (reported on 1 mm basis)	10 004	'000 m <sup>2</sup>	12 974
315.01.02	Sliced (reported on 1 mm basis)	7 814	'000 m <sup>2</sup>	36 292
315.02	Densified wood (in blocks, plates, strips or profile shapes)	..		36 510
<b>316</b>	<b>Builders' joinery and carpentry of wood (including cellular wood panels, assembled parquet panels, shingles and shakes)</b>	..		<b>1 736 645</b>
316.01	Windows, french-windows and their frames	..		92 505
316.02	Doors and their frames and thresholds; other builders' joinery and carpentry, of wood			
316.02.11	Cellular wood panels	*80	'000 m	*2 709
316.02.13	Roof trusses (wooden)	..		260 880
316.02.14	Wall frames (wooden)	..		169 966
316.02.15	Doors, hinged or sliding, wooden or wooden framed, with or without glass (excluding fire doors and small doors for cupboards and domestic appliances)			
316.02.15.16	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)	**2 346	'000	140 120
316.02.15.90	Other			
316.02.16	Doors, other than hinged or sliding, wooden or wooden framed, with or without glass (including tilting and concertina type)	*762	'000	53 320
316.02.18	Shingles and shakes	..		38 101
316.02.21	Builders' joinery and carpentry, of wood, n.e.c.	..		949 048
<b>317</b>	<b>Packing cases, boxes, crates, drums and similar packings, of wood; cable-drums of wood; pallets, box pallets and other load boards, of wood; casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood (including staves)</b>	..		<b>172 430</b>
317.01	Packing cases, boxes, crates, drums and similar packings of wood (excluding cable drums)	..		36 438
317.02	Cable-drums			
317.03	Pallets, box pallets and other load boards	5 236	'000	109 564
317.04	Casks, barrels, vats, tubs and other coopers' products and parts thereof, of wood (including staves)			
317.04.01	Shooks (not assembled into articles)	..		**9 092
317.04.02	Other coopers' products and parts thereof, of wood (e.g. casks, barrels, vats, tubs, staves)	..		*17 336
<b>319</b>	<b>Other products of wood; articles of cork, plaiting materials and straw</b>	..		<b>357 025</b>
319.11	Tools, tool bodies, tool handles, broom or brush bodies and handles, boot or shoe lasts and trees, of wood	..		*19 112
319.12	Tableware and kitchenware, of wood; wood marquetry and inlaid wood; cases for jewellery or cutlery, and similar articles, of wood; statuettes and other ornaments, of wood; wooden frames for paintings, photographs, mirrors or similar objects, and other articles of wood			
319.12.10	Wooden frames for paintings, photographs, mirrors or similar objects (including pre-cut kits)	..		106 089
319.12.90	Manufactured articles of wood n.e.c.	..		225 175
<b>32</b>	<b>Pulp, paper and paper products; printed matter and related articles</b>			
<b>321</b>	<b>Pulp, paper and paperboard</b>	..		<b>5 521 922</b>
321.11	Chemical wood pulp, dissolving and other than dissolving grades			
321.12	Mechanical wood pulp; semi-chemical wood pulp			
321.12.01	Mechanical wood pulp	1 135	'000 t	790 158
321.12.02	Semi-chemical wood pulp			
321.13	Newsprint (in rolls or sheets)			
321.14	Toilet or facial tissue stock towel or napkin stock and similar paper, cellulose wadding and webs of cellulose fibres (of a kind used for household or sanitary purposes)			
321.14.12	Facial tissue stock	19	'000 t	28 177
321.14.90	Other			

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
321.16	Paper and paperboard of a kind used for writing, printing or other graphic purposes Note: Dimensions: rolls or strips exceeding 15 cm wide; sheets exceeding 36 cm by 15 cm, unfolded	n.p.		n.p.
321.17	Carbon paper and other impregnated, coated or chemically treated copying paper, duplicating stencils and other offset plates of paper (excluding transparent or translucent papers) Note: Dimensions: rolls exceeding 36 cm wide; sheets one side exceeding 36 cm unfolded			
321.17.01	Carbon paper in rolls			26 828
321.17.03	Other impregnated, coated or chemically treated copying paper, in rolls			
321.18	Carbon paper, self-copy paper and other copying or transfer papers, cut to size, duplicator stencils and offset plates, of paper, whether or not put up in boxes			
321.18.03	Other impregnated, coated or chemically treated copying paper; duplicating stencils and offset plates of paper, cut to size			
321.21	Paper, paperboard, cellulose wadding and webs of cellulose fibres, coated, impregnated, covered, surface-coloured, surface-decorated or printed, not constituting printed matter within 322, 328 or 321.38, in strips, rolls or sheets, n.e.c. (excluding tissues, towels and similar household, sanitary or hospital articles, cigarette paper, copying and duplicating paper and paper and paperboard of a kind used for writing, printing or other graphic purposes) Note: Dimensions: rolls or strip exceeding 15 cm wide; sheets exceeding 36 cm and 15 cm, unfolded			
321.21.12	Gummed or adhesive liquid activated	n.p.		
321.21.14	Plastic coated	n.p.		233 068
321.21.90	Other			
321.23	Corrugated paperboard containers	n.p.		1 322 820
321.24	Folding cartons, boxes and cases, of non-corrugated paper or paperboard; sacks and bags (including cones); other packing containers (including record sleeves); box files, letter trays, storage boxes and similar articles, of a kind used in offices, shops or the like			
321.24.11	Multi-wall sacks and bags (excluding cones)			126 762
321.24.12	Other sacks and bags (excluding cones)			53 838
321.24.13	Solid paperboard containers	250 935	'000 t	411 035
321.24.90	Other			*61 862
321.26	Envelopes			167 661
321.27	Letter cards, plain postcards and correspondence cards; boxes, pouches, wallets and writing compendiums, of paper or paperboard, containing an assortment of paper stationery			*35 211
321.28	Toilet paper, cut to size, in rolls or sheets (including perforated for tearing into sheets)	94	'000 t	290 594
321.31	Handkerchiefs, cleaning tissues, towels, serviettes, tablecloths, bed sheets and other paper linen; paper garments and clothing accessories			
321.31.11	Facial tissue			78 892
321.31.13	Paper towels (excluding sanitary)	66	'000 t	80 901
321.31.90	Other			30 641
321.32	Sanitary towels and tampons and baby napkins (nappies) of paper or cellulose wadding			123 316
321.36	Labels of paper or paperboard (printed or imprinted)			427 840
321.41	Trays, dishes, plates, cups and the like, of paper or paperboard			70 285
321.42	Glazed transparent or translucent paper: corrugated, creped, crinkled, embossed paper and paperboard; other uncoated paper and paperboard; in rolls or sheets. Note: Dimensions: rolls or strip exceeding 15 cm wide; sheets exceeding 36 cm and 15 cm, unfolded	n.p.		n.p.
321.43	Articles of paper pulp, paper or paperboard n.e.c. (excluding gaskets for motor vehicles)			103 350
322	<b>Books, brochures and leaflets (except advertising material), printed; printed maps; music, printed or in manuscript</b>			<b>1 605 901</b>
322.01	Books (including atlases, touring guides, maps, charts, music sheets etc., in book form)			
322.01.01	Published but not printed by this establishment			515 503
322.01.02	Published and printed by this establishment			227 706
322.01.03	Printed but not published by this establishment			632 025

ANZSIC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
322.02	Maps, charts, plans, sheet music, not in book form			
322.02.01	Published but not printed by this establishment	..		*30 409
322.02.02	Published and printed by this establishment	..		
322.02.03	Printed but not published by this establishment	..		200 257
<b>325</b>	<b>Stamps, cheque forms, banknotes, stock certificates, postcards, greeting cards, advertising material, pictures and other printed matter</b>	..		<b>2 462 677</b>
325.01	Unused postage, revenue or similar stamps; stamp-impressed paper; cheque books, cheque forms, airline tickets; banknotes, stock, share or bond certificates and similar documents of title	..		142 437
325.02	Printed or illustrated postcards; printed cards bearing personal greetings or messages (including envelopes or trimmings)	..		*161 122
325.03	Trade advertising material, commercial catalogues and the like; printed pictures, designs and photographs; transfers (decalcomanias); printed calendars; other printed matter			
325.03.11	Printing of business forms	..		617 932
325.03.12	Calendars of any kind, printed (including calendar blocks)	..		*19 497
325.03.90	Other printed matter	..		1 521 689
<b>326</b>	<b>Registers, account books, note books, letter pads, diaries and similar articles, blotting-pads, binders, file covers, forms and other articles of stationery, of paper or paperboard</b>	..		<b>372 686</b>
326.01	Exercise books	n.p.		12 758
326.02	Registers, account and note books, letter pads, diaries, albums, blotting-pads, folders, file covers, book covers, interleaved carbon sets and similar articles of paper or paperboard stationery			
326.02.11	Writing pads	*34 million		*16 078
326.02.12	Registers and books of account	*88 million		*17 516
326.02.13	Student loose leaf refills	n.p.		
326.02.90	Other	..		326 333
<b>327</b>	<b>Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing</b>	..		<b>424 258</b>
327.00	Composed type, prepared printing plates or cylinders, impressed lithographic stones or other impressed media for use in printing (prepared printing plates, blocks and cylinders used to produce printed matter)	..		424 258
<b>328</b>	<b>Newspapers, journals and periodicals</b>	..		<b>2 441 464</b>
328.01	Published but not printed by this establishment	..		889 046
328.02	Published and printed by this establishment	..		787 231
328.03	Printed but not published by this establishment	..		*765 187
<b>33</b>	<b>Coke oven products; refined petroleum products; nuclear fuel</b>			
<b>331</b>	<b>Coke and semi-coke of coal, of lignite or of peat; retort carbon</b>	..		<b>137 430</b>
331.02	Metallurgical coke; coke breeze	3 937	'000 t	137 430
<b>332</b>	<b>Tar distilled from coal, from lignite or from peat, and other mineral tars</b>	..		n.p.
<b>333</b>	<b>Petroleum oils and oils obtained from bituminous materials, other than crude; preparations n.e.c. containing by weight 70% or more of these oils, such oils being the basic constituents of the preparations</b>	..		<b>7 384 170</b>
333.01	Motor spirit (gasoline) (including aviation spirit)	20 250	ML	3 541 520
333.02	Kerosene (including kerosene type jet fuel)	6 473	ML	1 189 493
333.03	Gas oils and fuel oils (excluding motor spirit and kerosene)	12 097	ML	2 012 620
333.04	Lubricating and heavy petroleum oils and heavy oils from bituminous minerals (excluding crude)	2 105	'000 t	359 029
333.05	Petroleum solvents, n.e.c.			
333.06	Light oils obtained as a by-product from metallurgical coke (excluding benzol, grease oils, toluole and xylene)	428	ML	80 381
333.07	Refinery products for further processing	1 561	'000 t	201 127
<b>334</b>	<b>Petroleum gases and other gaseous hydrocarbons, except natural gas</b>	..		<b>150 951</b>
334.11	Liquefied petroleum gas	57	'000 t	20 071
334.12	Liquefied petroleum gases— propane (natural)	449	'000 m <sup>3</sup>	74 767

ANZSCC code	Commodity description	Quantity produced		Value of sales
		Quantity	Unit	& transfers out
				\$'000
334.13	Liquefied petroleum gases butane (natural)	109	'000 m³	56 113
334.9	Petroleum gases and other gaseous hydrocarbons n.e.c. (excluding natural gas)	..		
335	<b>Petroleum jelly; paraffin wax, micro-crystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products; petroleum coke, petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous materials</b>	..		179 669
335.01	Petroleum jelly; paraffin wax, micro-crystalline petroleum wax, slack wax, ozokerite, lignite wax, peat wax, other mineral waxes, and similar products obtained by synthesis or by other processes, whether or not coloured	962	'000 t	179 669
335.02	Petroleum coke; petroleum bitumen and other residues of petroleum oils or of oils obtained from bituminous minerals; bituminous mixtures			
336	<b>Radioactive elements and isotopes and compounds; alloys, dispersions, ceramic products and mixtures containing these elements, isotopes or compounds; radioactive residues</b>	..		—
337	<b>Fuel elements (cartridges), for or of nuclear reactors</b>	..		—
34	<b>Basic chemicals</b>			
341	<b>Basic organic chemicals</b>	..		832 764
341.01	Hydrocarbons and their halogenated, sulphonated, nitrated or nitrosated derivatives	..		393 278
341.01.01	Acyclic hydrocarbons	*8 453	'000 m³ n.p.	
341.01.01.10	Acetylene gas			
341.01.01.90	Other (e.g. ethane, butane, ethylene, propylene)			
341.07	Ethers, alcohol peroxides, ether peroxides, epoxides, acetals and hemiacetals, and their halogenated, sulphonated, nitrated or nitrosated derivatives; aldehyde-function compounds; ketone-function compounds and quinone-function compounds; enzymes; prepared enzymes n.e.c.; organic compounds n.e.c.			
341.07.11	Ethers, alcohol peroxides, ether peroxides, epoxides, acetals and hemiacetals, and their halogenated, sulphonated, nitrated or nitrosated derivatives	n.p.		n.p.
342	<b>Basic inorganic chemicals n.e.c.</b>	..		953 465
342.01	Hydrogen, nitrogen, oxygen, carbon dioxide and rare gases; inorganic oxygen compounds of non-metals n.e.c.; zinc oxide; zinc peroxide; chromium oxides and hydroxides; manganese oxides; iron oxides and hydroxides; earth colours; cobalt oxides and hydroxides; titanium oxides; lead oxides; red lead and orange lead; inorganic bases n.e.c.; metal oxides; nitroxides and peroxides n.e.c.; chemical elements, n.e.c.; inorganic acids (excluding nitric and sulphonitric); inorganic oxygen compounds of boron, silicon and sulphur; halogen or sulphur compounds of non-metals; sodium hydroxide; hydroxide and peroxide of magnesium; oxides, hydroxides and peroxides of strontium or barium; aluminium hydroxide; hydrozine and hydroxylamine and their inorganic salts	..		108 128
342.01.12	Hydrogen, rare gases, nitrogen and oxygen	268	'000 t	
342.01.13	Chlorine	142	'000 t	61 261
342.01.14	Non-metal chemical elements (excluding carbon, chlorine, hydrogen, rare gases, nitrogen and oxygen)			
342.01.15	Inorganic acids and inorganic oxygen compounds of non-metals (excluding nitric acid, sulphonitric acid and industrial gases)	*218	'000 t	88 220
342.01.15.11	Hydrogen chloride (hydrochloric acid); chlorosulphuric acid			
342.01.15.12	Sulphuric acid; oleum			
342.01.15.13	Diphosphorus pentaoxide; phosphoric acid and polyphosphoric acids			
342.01.15.90	Other	204	'000 t	19 473
342.01.18	Carbon dioxide (excluding dry ice); carbon monoxide and nitrous oxide			
342.01.22	Zinc oxide; zinc peroxide	**12	'000 t	**18 659
342.01.23	Oxides of chromium, manganese, iron, cobalt, titanium and lead (excluding if prepared as colouring matter)	n.p.		*61 045
342.01.24	Aluminium hydroxide	..		
342.01.25	Sodium hydroxide (caustic soda)	157	'000 t	49 709
342.01.90	Other inorganic chemical elements, oxides and halogen salts	..		55 517

ANZSOC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$ 000
342.02	Salts and peroxysalts of inorganic acids and metals, n.e.c.			
342.02.11	Fluorides; fluorosilicates, fluoroaluminates and other complex fluorine salts	(a)		(a)
342.02.12	Hypochlorites; commercial calcium hypochlorite; chlorites; hypobromites; chlorates and perchlorates; bromates and perbromates; iodates and periodates			
342.02.12.10	Laundry bleach	*25	'000 t	54 031
342.02.12.90	Other	*39	'000 t	47 233
342.02.13	Sulphides; polysulphides; dithionites; sulphonylates; sulphites; thiosulphates; sulphates; alums; peroxosulphates (persulphates)	*94	'000 t	*14 313
342.02.14	Neutral sodium carbonate (disodium carbonate)	(a)		(a)
342.02.15	Sodium hydrogencarbonate (sodium bicarbonate)	(a)		(a)
342.02.17	Chlorides (excluding ammonium, sodium and potassium chlorides), chloride oxides and chloride hydroxides; bromine and bromine oxides; iodides and iodide oxides	(a)		(a)
342.02.18	Nitrates (excluding prilled ammonium nitrate or potassium nitrate)	(a)		(a)
342.02.21	Phosphinates (hypophosphites), phosphonates (phosphites), phosphates and polyphosphates (excluding triammonium phosphate)	(a)394	'000 t	(a)154 565
342.04	Cyanides, cyanide oxides and complex cyanides; fulminates, cyanates and thiocyanates; silicates; borates; perborates; salts of oxometallic or peroxometallic acids			
342.04.10	Silicates; commercial alkali metal silicates	*36	'000 t	*56 928
342.04.90	Other metallic salts and peroxysalts of inorganic acids			90 481
342.05	Salts of oxometallic or peroxometallic acids; colloidal precious metals and compounds thereof; other inorganic chemicals n.e.c.; compressed air; amalgams; hydrogen peroxide; phosphides; carbides; hydrides, nitrides, azides, silicides and borides			
342.05.02	Hydrogen peroxide (including hydrogen peroxide solidified with urea)	n.p.		33 292
342.05.03	Other inorganic chemicals n.e.c.; organic and inorganic compounds of precious metals n.e.c. (excluding artificial corundum, boron carbide, silicon carbide, liquid or compressed air, distilled or conductive water)			
342.05.04	Boron carbide, silicon carbide, liquid or compressed air, distilled or conductive water			
343	Tanning or dyeing extracts; tannins and their derivatives; colouring matter n.e.c.			177 321
343.01	Synthetic organic colouring matter and preparations based thereon; synthetic organic products of a kind used as fluorescent brightening agents or as luminophores; colour lakes and preparations based thereon			
343.02	Tanning extracts of vegetable origin; tannins and their salts, ethers, esters and other derivatives; colouring matter of vegetable or animal origin (excluding animal black); preparations based on colouring matter of vegetable or animal origin; synthetic organic tanning substances; inorganic tanning substances; tanning preparations; enzymatic preparations for pre-tanning	38 336	t	85 181
343.02.01	Organic			
343.02.02	Inorganic			
343.03	Colouring matter n.e.c.; inorganic products of a kind used as luminophores	*1 635	t	92 140
344	Activated natural mineral products; animal black; tall oil; terpenic oils produced by the treatment of coniferous woods; crude dipentene; crude para-cymene; pine oil; rosin and resin acids, and derivatives thereof; crude spirit and resin oils; rum gums; wood tar; wood tar oils; wood creosote; wood naphtha; vegetable pitch; brewers' pitch			—
345	Miscellaneous basic chemical products			144 641

(a) Quantity and value shown against item 342.02.21 are for 342.02.11, 342.02.14, 342.02.15, 342.02.17, 342.02.18 and 342.02.21 combined.



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>346</b>	<b>Fertilisers and pesticides</b>	<b>..</b>		<b>1 671 779</b>
346.11	Nitric acid; sulphonitric acids	(a)		(a)
346.12	Ammonia, anhydrous or in aqueous solution			
346.12.10	Fertiliser grade			
346.12.90	Other	*539	'000 t	*47 303
346.13	Ammonium chloride; nitrites; nitrates of potassium; phosphates triammonium; ammonium carbonates			
346.13.01	Ammonium carbonates	(a)		(a)
346.13.02	Ammonium chloride	(a)287	'000 t	(a)32 824
346.14	Nitrogenous fertilisers, mineral or chemical			
346.14.01	Sodium nitrate			
346.14.02	Ammonium nitrate, whether or not in aqueous solution			
346.14.02.01	Prilled ammonium nitrate			
346.14.02.02	Ammonium nitrate (excluding prilled)			
346.14.04	Ammonium sulphate			
346.14.07	Urea, whether or not in aqueous solution; mixtures of urea and ammonium nitrate in aqueous or ammoniacal solution; other nitrogenous fertilisers (including mixtures, n.e.c.)	1 116	'000 t	335 270
346.14.07.01	Mixtures of urea and ammonium nitrate in aqueous or ammoniacal solution			
346.14.07.02	Urea, other than fertiliser grade			
346.14.07.03	Other nitrogenous fertilisers			
346.15	Phosphatic fertilisers, mineral or chemical			
346.15.11	Single superphosphates	1 275	'000 t	268 925
346.15.12	Double superphosphates (reported in terms of single superphosphate, i.e. 9% P equivalent)	154	'000 t	35 701
346.15.90	Other (including basic (thomas) slag)			
346.17	Animal or vegetable fertilisers			
346.17.01	Animal or vegetable fertilisers (including mixtures thereof) (excluding chemically treated and/or if in packages not exceeding 10 kg)	*97	'000 t	*23 303
346.17.02	Fertilisers produced by the chemical treatment of animal or vegetable fertilisers	2 454	t	24 659
346.18	Fertilisers n.e.c. (including mineral or chemical fertilisers containing two or three of the fertilising elements: nitrogen, phosphorus and potassium; also including fertilisers in tablets or similar forms or in packages not exceeding 10 kg)	n.p.		*218 235
346.21	Pesticides			
346.21.01	Insecticides put up in forms or packings for retail sale or as preparations or articles			
346.21.01.11	Pyrethroids	(b)		(b)
346.21.01.12	Organic phosphates, systemic	1 842	t	85 699
346.21.01.13	Organic phosphates, non-systemic	1 582	t	20 846
346.21.01.14	Carbonates	(b)		(b)
346.21.01.15	Chlorinated hydrocarbons	(b)7 391	t	(b)54 637
346.21.01.16	Sheep and cattle dip			
346.21.01.17	Sheep blowfly specifics, tip sprays, jetting liquids and dressings	6 175	t	41 185
346.21.01.90	Other			
346.21.02	Fungicides put up in forms or packings for retail sale or as preparations or articles			
346.21.02.11	Seed dressings (including insecticides)			
346.21.02.12	Systemic			
346.21.02.13	Inorganic	2 736	t	n.p.
346.21.02.14	Dithiocarbonates			
346.21.02.90	Other			
346.21.03	Weed killers (herbicides), anti-sprouting products and plant growth regulators, put up in forms or packings for retail sale or as preparations or articles			
346.21.03.11	Triazines			
346.21.03.12	Substituted ureas, urecils	109 891	t	251 893
346.21.03.13	Phenoxy acid derivatives			
346.21.03.14	Mixtures			
346.21.03.90	Other	14 796	t	43 466

(a) Quantity and value shown against item 346.13.02 are for 346.11, 346.13.01 and 346.13.02 combined.

(b) Quantity and value shown against item 346.21.01.15 are for 346.21.01.11, 346.21.01.14 and 346.21.01.15 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
346.21.04	Disinfectants put up in forms or packings for retail sale or as preparations or articles	12 706	t	30 941
<b>347</b>	<b>Plastics in primary forms</b> <b>Note: In liquid, paste, powder, granules, flakes, blocks, irregular shapes, lumps and other similar bulk forms</b>	..		<b>1 230 386</b>
347.01	Not mixed or compounded with any other substances (excluding regranulated scrap) <i>Note: Liquid resin emulsion forms shown as dry weight of resin content</i>			
347.01.11	Polyethylene	307	'000 t	364 560
347.01.12	Polystyrene	90	'000 t	75 884
347.01.13	Polyvinyl chloride	221	'000 t	254 751
347.01.14	Polypropylene	181	'000 t	267 169
347.01.15	Polyvinyl acetate			
347.01.90	Other plastics (e.g. SAN, ABS, polyesters, acrylics, phenolics, ureas, melamines)			
347.02	Mixed or compounded with other substances, such as plasticisers, stabilisers, fillers and colouring matter (excluding regranulated scrap)	64	'000 t	241 450
347.03	Regranulated scrap of a single thermoplastic material	*22	'000 t	*26 573
<b>348</b>	<b>Synthetic rubber and factice derived from oils, and mixtures thereof with natural rubber and similar natural gums, in primary forms or in plates, sheets or strip</b>	..		<b>80 147</b>
348.00	Synthetic rubber and factice derived from oils, and mixtures thereof with natural rubber and similar natural gums, in primary forms or in plates, sheets or strip	49	'000 t	80 147
<b>35</b>	<b>Other chemical products; man-made fibres</b>			
<b>351</b>	<b>Paints and varnishes and related products; artists' colours; ink</b>	..		<b>2 136 687</b>
351.11	Paints, enamels, clears, lacquers, stains etc. sold or transferred out			
351.11.01	Architectural and decorative	See 351.12 and 351.13		762 099
351.11.02	Automotive	See 351.14		196 571
351.11.03	Industrial (excluding automotive)	See 351.15		381 290
351.11.04	Miscellaneous paints and allied coatings	See 351.16		85 909
351.12	Architectural and decorative paints, enamels and clears, solvent thinned (including all paints and coatings for use on buildings and structures) (excluding heavy duty coatings) <i>Note: Paste forms expressed in litre equivalent</i>			
351.12.01	Primers and undercoats	5 071	KL	
351.12.02	Finishing coats, pigmented, full gloss	10 044	KL	
351.12.03	Finishing coats, pigmented (excluding full gloss)	3 637	KL	
351.12.04	Finishing coats, clears (including varnishes and clear plastic coatings such as floor treatment compounds and two-pack type coatings)	3 009	KL	See 351.11.01
351.13	Architectural and decorative paints, enamels and clears, water thinned (including all paints and coatings for use on buildings and structures) (excluding heavy duty coatings) <i>Note: Paste and powder forms expressed in litre equivalent</i>			
351.13.01	Plastic latex primers and undercoats	8 554	KL	
351.13.02	Plastic latex flat finishing coats	33 278	KL	
351.13.03	Plastic latex finishing coats (satin, semi-gloss, gloss) (excluding flat)	42 122	KL	
351.13.04	Water based (excluding plastic latex)	n.p.		
351.14	Automotive paints, enamels and clears (including lacquers and water thinned products) (excluding heavy duty coatings and bituminous mastics) <i>Note: Paste forms expressed in litre equivalent</i>			
351.14.01	Primers and undercoats	7 123	KL	
351.14.02	Finishing coats, nitro-cellulose lacquers	471	KL	See 351.11.02
351.14.03	Finishing coats (excluding nitro-cellulose lacquers)	10 113	KL	

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
351.15	Industrial (other than automotive) paints, enamels, clears (including lacquers and water thinned products) (excluding wood stains) Note: Paste forms expressed in litre equivalent			
351.15.01	Heavy duty coatings (including vinyls, epoxies, polyurethanes etc.)	10 839	KL	See 351.11.03
351.15.02	Primers and undercoats	8 220	KL	
351.15.03	Finishing coats, nitro-cellulose lacquers			
351.15.03.01	Clears	6 126	KL	
351.15.03.02	Colours	1 401	KL	
351.15.04	Finishing coats (excluding nitro-cellulose lacquers)			
351.15.04.01	Clears	1 865	KL	See 351.11.04
351.15.04.02	Colours	14 278	KL	
351.16	Miscellaneous paints and allied coatings (excluding architectural, decorative, automotive or other industrial types) Note: Paste forms expressed in litre equivalent			
351.16.11	Wood stains (oil, spirit etc.) packed for sale or transfer out (including part pigmented, madison and creosote types)	1 074	KL	
351.16.12	Marine coatings (including primers, undercoats, underwater compositions, boot toppings, deck paints, varnishes) (excluding superstructure paints)	2 463	KL	
351.16.90	Other miscellaneous paints and coatings (excluding leather dressings)	**2 422	KL	
351.17	Pigments (including metallic powders and flakes) dispersed in nonaqueous media, in liquid or in paste form, of a kind used in the manufacture of paints; stamping foils and other colouring matter put up for retail sale			397 413
351.18	Prepared pigments, opacifiers and colours, vitrifiable enamels, lustres and glazes etc., of a kind used in ceramic, enamelling or glass industry; glass frit and other glass in the form of powder, granules or flakes	n.p.		
351.21	Glaziers putty, grafting putty, resin cements, caulking compounds and other mastics, painters fillings and non-refractory surface preparations for facades, indoor walls, floors, ceilings etc. (excluding adhesives)			
351.21.11	Linseed oil putties	*1 551	t	11 891
351.21.12	Resin cements and fillers			
351.21.14	Pre-painting fillers			
351.21.90	Other (e.g. silicon sealants)	*9 254	t	**54 502
351.22	Thinners for nitro-cellulose coatings	4 490	KL	*5 216
351.23	Thinners for all other coatings	15 314	KL	13 226
351.24	Organic solvents, n.e.c., prepared dryers, paint and varnish removers			*31 057
351.25	Printing ink			
351.25.11	News ink	13 213	t	56 358
351.25.12	Heatset ink			
351.25.13	Sheetfed ink			
351.25.14	Gravure ink	891	t	9 598
351.25.15	Flexographic ink	7 881	t	57 533
351.25.16	Metal decorating ink	3 257	t	27 629
351.25.17	Screen printing ink			
351.25.90	Other printing ink			
352	Pharmaceutical products			3 163 682
352.21	Medicaments, for therapeutic or prophylactic uses			
352.21.11	Medicaments for human use (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 supplements)			531 828
352.21.12	Medicaments for veterinary use (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 feed supplements)			*27 833
352.21.13	Medicaments for human use (e.g. medicines, drugs) containing hormones (excluding contraceptives), but not containing antibiotics, mixed or put up in measured doses (e.g. tablets) or retail packagings (excluding food supplements)			30 144
352.21.14	Medicaments for veterinary use (e.g. medicines, drugs), containing hormones (excluding contraceptives) but not containing antibiotics, mixed or put up in measured doses (e.g. tablets) or retail packagings (excluding feed supplements)			**5 456
352.21.15	Medicaments for human use (e.g. medicines, drugs) containing alkaloids (e.g. codeine) or derivatives thereof, but not containing hormones or antibiotics, mixed or put up in measured doses (e.g. tablets) or retail packagings			189 714

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
352.21.18	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)	..		83 428
352.21.21	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)	..		1 290 507
352.21.22	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)	..		131 959
352.21.23	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)	..		35 472
352.21.24	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, vaccines, toxins, microbial cultures, blood fractions)	..		*46 315
352.22	Provitamins and vitamins, natural or reproduced by synthesis (including natural concentrates), derivatives thereof used primarily as vitamins, and intermixtures of the foregoing, whether or not in any solvent, not put up as medicaments of 352.21	..		149 061
352.23	Vegetable alkaloids, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives, not put up as medicaments of 352.21 (e.g. codeine, strychnine) (excluding nicotine sulphate)	}	..	187 600
352.24	Glycosides, natural or reproduced by synthesis, and their salts, ethers, esters and other derivatives			
352.25	Glands and other organs, for organo-therapeutic uses, dried, whether or not powdered; extracts of glands or other organs or of their secretions for organo-therapeutic uses; heparin and its salts; other human or animal substances prepared for therapeutic or prophylactic uses n.e.c., antisera and other blood fractions; vaccines for human use; human blood; animal blood prepared for therapeutic, prophylactic or diagnostic uses, toxins, cultures of micro-organisms and similar products (excluding yeasts)			
352.26	Veterinary vaccines (including mixtures consisting of vaccines and toxoids)	..		11 670
352.31	Antibiotics, not put up as medicaments of 352.21; hormones, natural or reproduced by synthesis, derivatives thereof used primarily as hormones; other steroids used primarily as hormones, not put up as medicaments of 352.21; pharmaceutical goods, other than medicaments	..		(a)
352.31.11	Oral contraceptives	..		
352.31.12	Surgical sutures, gut, sterilised	**8 302	km	**33 207
352.31.90	Pharmaceutical goods, n.e.c. (e.g. patient-administered diagnostics, iodoform, saccharin) (excluding formulated medicaments, sutures, vitamins, alkaloids)	..		(a)390 248
353	<b>Soap, cleaning preparations, perfumes and toilet preparations</b>	..		<b>1 866 713</b>
353.11	Organic surface active agents, excluding soap	}	..	..
353.11.11	Anionic			
353.11.12	Cationic			
353.11.90	Other (e.g. nonionic, ampholytic)	9 571	t	25 739
353.12	Soap and organic surface-active products and preparations, in the form of bars, cakes, moulded pieces or shapes, and paper, wadding, felt and non-wovens, impregnated, coated or covered with soap or detergent			
353.12.10	Bars, cakes, moulded pieces or shapes			
353.12.10.01	For personal use (including medicated products)	*35 696	t	108 118
353.12.10.02	For other uses	*2 587	t	5 482
353.12.90	Other	..		**11 879

(a) Value shown against item 352.31.90 is for 352.31.11 and 352.31.90 combined.

ANZSC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
353.13	Soap in other forms			
353.13.10	For personal use	10 665	t	59 872
353.13.90	For other uses			
353.14	Detergent and washing preparations			
353.14.11	Surface cleaning preparations and degreasing preparations (including oven and stove cleaners) (excluding polishes and creams for footwear, furniture, floors, glass or metal)	18 504	t	69 024
353.14.12	Fabric washing preparations, liquid form	42 220	kL	72 783
353.14.13	Fabric washing preparations, other forms (including powders)	79 635	t	197 097
353.14.14	Dishwashing preparations, liquid form	41 950	kL	121 708
353.14.15	Dishwashing preparations, other forms	*3 647	t	6 588
353.14.16	Auxiliary washing preparations (soaking, rinsing, bleaching)	26 008	t	53 915
353.14.90	Other (including surface active preparations for use in the processing or preparation of minerals, hides and skins, paper, dyed textiles, textile fibres, pharmaceutical and cosmetic products)	32 897	t	69 149
353.15	Perfume and toilet preparations			
353.15.01	Perfumes and toilet waters			36 401
353.15.02	Beauty or make-up preparations for the care of the skin (including sunscreen or suntan preparations) (excluding medicaments); manicure or pedicure preparations			
353.15.02.11	Barrier creams and toilet lanolin	16 007	t	25 803
353.15.02.12	Sunscreening preparations			21 319
353.15.02.15	Lipstick, lip glosser and other lip colouring	49	t	15 677
353.15.02.16	Eye make-up (all types), mascara	*10	t	4 087
353.15.02.17	Eye make-up (all types), other	*62	t	7 154
353.15.02.18	Make-up foundation (liquids and creams)	*44	t	20 018
353.15.02.21	Skin moisturising creams and lotions	5 233	t	125 111
353.15.02.23	Hand cream (excluding barrier and medicated types)	*779	t	2 592
353.15.02.24	Hand lotions (excluding barrier and medicated types)			8 545
353.16	Preparations for use on the hair			
353.16.11	Shampoo (including containing soap)	18 102	t	91 865
353.16.12	Conditioners	11 809	t	56 909
353.16.13	Preparations for permanent waving or straightening	2 430	t	9 134
353.16.14	Hair sprays (lacquers)	6 990	t	27 541
353.16.15	Hair colouring	14 311	t	27 798
353.16.90	Other			34 859
353.17	Preparations for oral or dental hygiene (including denture fixative pastes and powders)	10 312	t	113 475
353.21	Personal deodorants and anti-perspirants	4 566	t	60 982
353.22	Perfumed bath salts and other bath preparations; depilatories and perfumery, cosmetic or toilet preparations, n.e.c.			*40 400
353.23	Cleaning and polishing preparations			
353.23.11	Preparations for perfuming or deodorizing rooms (including odoriferous preparations used during religious rites)			41 747
353.23.12	Artificial waxes and prepared waxes (i.e. chemically produced waxes, mixtures of animal and/or vegetable waxes, waxes containing fats, resins etc.)	14 062	t	99 251
353.23.13	Polishes, creams and similar preparations, for footwear or leather (including paper, wadding, felt, nonwovens, cellular plastic materials or cellular rubber, impregnated, coated or covered with such preparations)			
353.23.14	Polishes and creams for automobiles	2 883	t	27 221
353.23.15	Polishes and creams for floors			7 880
353.23.16	Polishes and creams for furniture			*9 477
353.23.17	Other polishes and creams			39 033
353.23.18	Scouring pastes and powders and other scouring preparations (including abrasive soap not in bars etc.)	*18 278	t	*32 006
354	Chemical products n.e.c.			1 530 967
354.11	Essential oils and concentrates, aqueous distillates and aqueous solutions thereof; resinoids; terpenic by-products of the deterpenation of essential oils			
354.11.02	Refined	*5 180	t	*21 568
354.15	Adhesives and glues put up for retail sale in packages not exceeding a net weight of 1 kg (excluding bituminous adhesives)			128 872
354.16	Other adhesives and glues (excluding bituminous adhesives)			
354.16.13	Adhesives based on synthetic rubber			
354.16.13.11	Latex based	*6 177	t	20 142

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>354.16.13.12</b>	<b>Solutions</b>	<b>**4 206</b>	<b>t</b>	<b>13 437</b>
354.16.13.13	Hot melts	**51 707	t	65 059
354.16.13.90	Other (e.g. silicones)			
354.16.15	Plastics or artificial resins	**12 824	t	28 257
354.16.15.11	Polyvinyl acetate			
354.16.15.12	Acrylic or acrylic co-polymers			
354.16.15.13	Epoxys	**990	t	19 339
354.21	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	*3 593	t	*11 827
354.31	Prepared explosives: safety fuses; detonating fuses; percussion or detonating caps; igniters; electric detonators; pyrotechnic articles	n.p.		363 172
354.31.01	Propellant powders and other prepared explosives (e.g. gellignite, TNT)			
354.31.02	Safety fuses; detonating fuses; percussion or detonating caps; igniters; electric detonators			
354.31.03	Pyrotechnic articles (e.g. fireworks, signalling flares, rain rockets, fog signals)	..		12 066
354.37	Finishing agents, dye carriers to accelerate dyeing or fixing dyestuffs and other products and preparations (e.g. dressings and mordants) used in the textile, paper, leather or similar industries, n.e.c.	..		*15 003
354.38	Compound plasticisers for rubber or plastics, n.e.c.; anti-oxidizing preparations and other compound stabilizers for rubber or plastics	..		186 227
354.42	Prepared additives for cements, mortars or concretes	*12 869	t	*18 473
354.90	Other chemical products and preparations	..		540 981
<b>355</b>	<b>Man-made fibres</b>	..		<b>**6 868</b>
<b>36</b>	<b>Rubber and plastics products</b>			
<b>361</b>	<b>Rubber tyres and tubes</b>	..		<b>803 634</b>
<b>362</b>	<b>Other rubber products</b>	..		<b>496 308</b>
362.11	Unvulcanized, compounded rubber, in primary forms or in plates, sheets or strip	*38 832	t	*59 789
362.12	Unvulcanised rubber strip (e.g. orbi-strip) for retreading rubber tyres (excluding 'camel-back' strips)	*14 999	t	*40 487
362.16	Tubes, pipes and hoses of vulcanised rubber (excluding hard rubber)	*8 472	km	*44 586
362.16.02	Reinforced or otherwise combined solely with metal, textile or other materials, without fittings			
362.16.03	With fittings (such as joints, elbows, flanges, etc.)	**292	km	*17 531
362.17	Conveyor belts and belting of vulcanised rubber	**9 620	t	*53 362
362.18	Other belts and belting of vulcanised rubber (e.g. transmission belts)			
362.24	Hard rubber (e.g. ebonite), in all other forms (including waste and scrap): other articles of hard rubber	..		*28 500
362.25	Other articles of unhardened, vulcanised rubber, n.e.c.	..		94 092
362.90	Rubber products n.e.c.	..		131 548
<b>363</b>	<b>Semi-manufactures of plastics</b>	..		<b>1 917 803</b>
363.11	Monofilament of which any cross-sectional dimension exceeds 1 mm, rods, sticks and profile shapes, of plastics	..		82 422
363.11.11	Of polymers of vinyl-chloride (plasticised)			
363.11.12	Of polymers of vinyl-chloride (unplasticised)			
363.11.90	Other	..		49 060
363.13	Tubes, pipes and hoses	15 340	t	55 834
363.13.01	Of low density polyethylene (including linear low density polyethylene)			
363.13.02	Of high density polyethylene	20 827	t	62 146
363.13.03	Of rigid polyvinyl chloride (plasticiser content 1% or less by weight of PVC)	38 567	t	130 643
363.13.03.10	Electrical conduit			
363.13.03.90	Other	73 132	t	221 595
363.13.04	Of flexible polyvinyl chloride (plasticiser content exceeding 1% by weight of PVC)	*11 564	km	13 278
363.13.04.11	Garden hose, with fittings (including lay flat hose)			
363.13.04.12	Garden hose, without fittings (including lay flat hose)	*15 745	km	10 777
363.13.04.90	Other	*6 659	t	33 870
363.13.90	Tubes, pipes and hoses of other plastics			

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
363.14	Fittings for tubes, pipes and hoses (e.g. joints, elbows, flanges), of plastics			
363.14.90	Other			97 966
363.15	Flexible plates, sheets, film, foil and strip, of plastics, not reinforced, laminated or supported with other materials (excluding self-adhesives and floor, wall and ceiling coverings; vulcanised fibre and plastic foam)			
363.15.11	Of low density polymers of ethylene (including linear low density polyethylene)	64 762	t	231 853
363.15.12	Of high density polymers of ethylene	6 306	t	18 063
363.15.13	Of polymers of vinyl chloride	21 276	t	166 143
363.15.14	Of polymers of propylene	17 917	t	
363.15.90	Other (i.e. of polymers of styrene; of acrylic polymers; of polycarbonates, alkyd resins or other polyesters)	(a)		(a)
363.16	Rigid plastic sheeting, plates, boards and panels (excluding of plastic foam, self-adhesive; floor, wall or ceiling coverings)			
363.16.12	Of polymers of vinyl chloride	*5 855	t	44 447
363.16.90	Other (excluding of vulcanised fibre)			
363.17	Plates, sheets and strip, of cellular (i.e. foam or expanded) plastics			302 562
363.18	Flexible plates, sheets, film, foil and strip of plastic, reinforced, laminated or supported with other materials (excluding self-adhesives and floor, wall and ceiling coverings; vulcanised fibre and plastic foam)	(a)60 719	t	(a)248 686
363.21	Rigid plastic sheeting, plates, boards and panels (excluding of vulcanised fibre, plastic foam, self-adhesive; floor, wall or ceiling coverings)			
363.21.01	Reinforced (e.g. with fibreglass)	*6-139	'000 m <sup>2</sup>	70 315
363.21.02	Laminated or supported with other materials			
364	Packaging products of plastics			1 737 867
364.01	Sacks, bags and packets of plastic (excluding printed plastic sheets and film for crimping into bags by the user; also excluding cones)			
364.01.01	Multi-substrates			150 508
364.01.02	Single substrate			
364.01.02.11	Of polyethylene			278 667
364.01.02.12	Of polypropylene			64 324
364.01.02.13	Of regenerated cellulose			**8 061
364.01.02.90	Other plastics			158 289
364.02	Plastic bottles up to and including 2 litres (excluding the value of tops, caps, lids and other closures)			
364.02.11	Of polyvinyl chloride	80 723	'000	16 776
364.02.12	Of polyethylene	1 677 929	'000	368 268
364.02.90	Other	212 037	'000	46 940
364.03	Plastic bottles over 2 litres, but not exceeding 5 litres (excluding the value of tops, caps, lids and other closures)			
364.03.11	Of polyvinyl chloride	**1 745	'000	88 030
364.03.12	Of polyethylene	96 137	'000	
364.04	Plastic packaging and shipping containers for liquids, exceeding 5 litres (excluding the value of tops, caps, lids and other closures)			
364.04.10	Drums and drum liners	*5 342	'000	*16 181
364.05	Plastic boxes, cases, crates and similar containers	*18 287	'000	62 174
364.06	Articles for the conveyance or packing of goods, of plastic, n.e.c. (including cones and collapsible plastic tubes) (excluding the value of tops, caps, lids and other closures)			
364.06.11	Of polyethylene			124 889
364.06.12	Of polypropylene			16 640
364.06.13	Of styrene polymer or copolymer			31 358
364.06.90	Other (including multi-substrates)			35 866
364.07	Plastic packaging accessories and components			
364.07.11	Stoppers, lids, caps and other closures			167 768
364.07.12	Seals and seal rings			*12 213
364.07.90	Other			*85 602

(a) Quantity and value shown against item 363.18 are for 363.15.90 and 363.18 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>369</b>	<b>Other plastics products</b>	..		<b>1 456 934</b>
369.11	Floor coverings, wall or ceiling tiles	n.p.		(a)
369.13	Self-adhesive plates, sheets, film, foil, tape, strip and other flat shapes, of plastics			
369.13.10	In rolls of a width not exceeding 20 cm	27 298	t	36 711
369.13.90	Other	11 530	t	81 213
369.14	Baths, wash-basins, lavatory pans and covers, flushing cisterns and similar sanitary ware, of plastics			
369.14.11	Baths (including shower baths)	91	'000	31 288
369.14.12	Wash-basins (wall and pedestal)	*97	'000	*8 598
369.14.90	Other	..		*97 062
369.15	Tableware, kitchenware, other household and toilet articles, of plastics			
369.15.11	Buckets	*32 490	'000	52 743
369.15.12	Disposable cups and tumblers for the dispensing of hot and cold food and drink (excluding the value of tops, caps, lids and other closures)	..		78 138
369.15.13	Garbage bins (excluding kitchen tides)	237	'000	7 057
369.15.90	Other	..		289 839
369.16	Builders' ware of plastics n.e.c. (e.g. reservoirs, tanks, vats, doors, windows and their frames, shutters, blinds (including venetian blinds) and similar articles and parts thereof)	..		(a)291 745
369.17	Electrical insulating fittings of plastics (wholly of plastic materials apart from any minor components of metal incorporated during moulding solely for the purpose of assembly) (excluding insulators included against 469.18)	..		81 249
369.18	Headgear of rubber or plastics			
369.18.10	Safety headgear (including of materials other than rubber or plastics)	**1 663	'000	} *15 341
369.18.90	Other headgear of rubber or plastics	..		
369.27	Plastic screening and netting (including fibreglass), insect screening	..		**10 388
369.28	Plastic screening and netting (including fibreglass) (excluding insect screening)	..		45 411
369.31	Articles of plastics n.e.c. (e.g. school or office supplies fittings for furniture or coachwork)	..		198 617
369.90	Other plastic products n.e.c.	..		122 630
<b>37</b>	<b>Glass and glass products and other non-metallic products n.e.c.</b>			
<b>371</b>	<b>Glass and glass products</b>	..		<b>1 371 694</b>
371.11	Safety glass (consisting of toughened (tempered) or laminated glass)	6 814	'000 m <sup>2</sup>	234 337
371.12	Thin sheets (voiles), webs, mats, mattresses, boards and similar non-woven products	*44	'000 t	} 193 377
371.13	Articles of glass fibres (excluding woven fabrics), n.e.c.	..		
371.14	Glassware of a kind used for table, kitchen, toilet, office, indoor decoration or similar purposes (excluding bottles, flasks, jars and the like and ornaments of lamp-worked glass; also excluding containers of glass, glass ampoules or glass microspheres included against 371.19)	..		*70 570
371.16	Float glass and surface ground or polished glass, in sheets or profiles, whether or not having an absorbent or reflecting layer, but otherwise unworked	n.p.		} 775 224
371.17	Rear-view mirrors for vehicles	n.p.		
371.18	Glass n.e.c. (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)	..		
371.21	Containers, of glass, of a kind used for the conveyance or packing of goods (e.g. bottles, flasks, jars, ampoules); stoppers lids and other closures, of glass; glass inners for vacuum flasks or other vacuum vessels	..		
371.23	Articles made of glass, n.e.c.	..		82 962
371.90	Glass and glass products, n.e.c.	..		*15 224
<b>372</b>	<b>Non-structural ceramic ware</b>	..		<b>212 505</b>
372.01	Sinks, baths, lavatory pans, flushing cisterns and similar sanitary ware, of ceramics			
372.01.11	Wash basins (wall and pedestal)	441	'000	26 662
372.01.12	Closet pans	784	'000	39 889
372.01.13	Toilet cisterns	164	'000	17 649
372.01.90	Other	..		33 732

(a) Value shown against item 369.16 is for 369.11 and 369.16 combined.



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
372.02	Tableware, kitchenware, other household and toilet articles, of ceramics			
372.02.01	Tableware and kitchenware of porcelain or china	..		*18 724
372.02.02	Tableware and kitchenware of pottery	..		*14 948
372.02.04	Other household articles			
372.02.04.10	Of porcelain	..		*391
372.02.04.90	Other (e.g. pottery)	..		18 051
372.90	Other non-structural ceramic articles n.e.c.	..		*24 966
373	<b>Refractory products and structural non-refractory clay products</b>	..		<b>1 203 077</b>
373.01	Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods; refractory cements, mortars, concretes and similar compositions n.e.c.	250	million	206 139
373.02	Unfired refractory products; other refractory ceramic goods			
373.02.02	Refractory ceramic goods n.e.c. (e.g. retorts, crucibles, muffles, nozzles, plugs, supports, cupels, tubes, pipes, sheaths and rods)			11 631
373.03	Ceramic building bricks, flooring blocks, support or filler tiles and the like			
373.03.11	Standard size clay bricks (length 230 mm, width 110 mm, height 76 mm) (including bullnoses, squints, sills etc.)	1 891	million	658 574
373.03.12	Non standard size clay bricks for structural purposes	120	million	67 525
373.03.13	Clay bricks for purposes other than structural (e.g. paving)	218	million	86 838
373.03.90	Other	..		24 572
373.04	Terra cotta roofing tiles	4 656	'000 m <sup>2</sup>	69 414
373.06	Non-refractory ceramic pipes, conduits, guttering and pipe fittings	..		26 362
373.07	Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing	n.p.		
373.08	Glazed ceramic flags and paving, hearth or wall tiles; glazed ceramic mosaic cubes and the like, whether or not on a backing	3 951	'000 m <sup>2</sup>	51 691
374	<b>Cement, lime and plaster</b>	..		<b>1 155 677</b>
374.11	Plasters (i.e. calcined gypsum, calcined sulphate) (excluding plasters for use in dentistry)	(a)		(a)
374.12	Quicklime	*936	'000 t	*103 944
374.13	Slaked lime	(a)487	'000 t	(a)22 877
374.14	Cement clinkers	4 018	'000 t	191 039
374.15	Portland cement	7 185	'000 t	765 568
374.90	Cement, lime and plaster, n.e.c.	..		72 249
375	<b>Articles of concrete, cement and plaster</b>	..		<b>3 930 424</b>
375.01	Non-refractory mortars and concretes			
375.01.01	Concrete ready mixed for sale as such (excluding production for use within the same enterprise)	14 654	'000 m <sup>3</sup>	1 831 812
375.03	Articles of plaster or of compositions based on plaster			
375.03.10	Plaster boards, sheets, panels, tiles and similar articles, not ornamented	129 563	'000 m <sup>2</sup>	439 339
375.03.90	Other (e.g. cornices, vents, mouldings, cornice adhesives based on plasters)	..		152 476
375.04	Prefabricated structural components for building or civil engineering, of cement, concrete or artificial stone	..		246 487
375.05	Pipes, tiles, flagstones, bricks and similar articles, of cement, concrete or artificial stone; other articles of cement, concrete or artificial stone			
375.05.11	Pipes	..		253 356
375.05.12	Concrete bricks, blocks and pavers	1 524	million	321 793
375.05.13	Concrete roofing tiles	13 597	'000 m <sup>2</sup>	243 931
375.05.90	Other (e.g. vats, statuettes and ornamental goods)	..		163 876
375.06	Articles of asbestos-cement, cellulose fibre-cement or the like			
375.06.10	Pipes	..		n.p.
375.06.90	Other	..		n.p.
376	<b>Monumental or building stone and articles thereof</b>	..		<b>118 617</b>
376.00	Monumental or building stone, worked and articles thereof (from stone purchased or transferred in)	..		118 617

(a) Quantity and value shown against item 374.13 are for 374.11 and 374.13 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>379</b>	<b>Other non-metallic mineral products n.e.c.</b>	..		<b>275 211</b>
379.14	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			
379.14.01	Manufactured in Australia	*5 568	000 m <sup>3</sup>	*47 383
379.14.02	Cut from imported rolls, etc.	1 456	000 m <sup>3</sup>	23 857
379.16	Articles of asphalt or of similar material (e.g. petroleum bitumen or coal tar pitch)			*14 369
379.17	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)	*224	000 t	*28 338
379.22	Slag wool, rock wool and similar mineral wools (including intermixtures thereof), in bulk, sheets or rolls	16	000 t	*56 115
379.25	Manufactures of mineral materials, n.e.c. (e.g. non-electrical articles of graphite, articles of peat and silica-lime) (excluding asbestos, ceramic also excluding medical or dental plasters)			81 199
<b>38</b>	<b>Furniture; other transportable goods n.e.c.</b>			
<b>381</b>	<b>Furniture</b>	..		<b>3 257 501</b>
381.11	Complete, assembled seats (including seating convertible into beds and stool steps) (excluding seating for medical, dental, surgical or veterinary purposes, bean bags, infants' car seats and footstools)			
381.11.01	Assembled, domestic			
381.11.01.11	Lounge (including ottomans)	..		408 790
381.11.01.12	Dining and kitchen chairs	..		83 130
381.11.01.90	Other domestic (excluding seating for motor vehicles)	..		*53 631
381.11.02	Assembled, non-domestic			
381.11.02.11	Passenger transport (including seating for motor vehicles)	..		*37 286
381.11.02.12	Office	..		135 878
381.11.02.90	Other non-domestic	..		*53 404
381.12	Complete, unassembled or partly assembled seats (including seating convertible into beds and stool steps) (excluding seating for medical, dental, surgical or veterinary purposes, bean bags, infants' car seats and footstools)	..		**14 408
381.13	Complete furniture n.e.c. of, or predominantly of, metal (excluding sheet metal) (including shop fittings of, or predominantly of, sheet metal) (excluding seating, furniture for medical, dental, surgical or veterinary purposes, aquarium stands and ice chests; also excluding large scale storage structures of, or predominantly of, iron or steel)			
381.13.01	Assembled, domestic			
381.13.01.11	Dining and kitchen tables, buffets, sideboards and wall units	..		*12 526
381.13.01.12	Kitchen (excluding tables)	..		*19 262
381.13.01.13	Bedroom	..		*35 144
381.13.01.90	Other domestic	..		*25 977
381.13.02	Assembled, non-domestic			
381.13.02.10	Office	..		75 765
381.13.02.90	Other non-domestic	..		169 308
381.13.03	Unassembled or partly assembled	..		**18 080
381.14	Complete furniture n.e.c. of, or predominantly of, sheet metal (sheet metal thickness; iron and steel—less than 3 mm; aluminium or copper—6 mm or less) (excluding furniture for medical, dental, surgical or veterinary purposes and shop fittings; also excluding large scale storage structures and shelving of, or predominantly of, iron and steel)			
381.14.01	Complete, assembled, domestic	..		48 280
381.14.02	Complete, assembled, non-domestic			
381.14.02.10	Office	..		107 671
381.14.02.90	Other non-domestic	..		41 240
381.14.03	Complete, unassembled or partly assembled	..		*14 240

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
381.15	Complete furniture n.e.c. of, or predominantly of, wood, (excluding seating, custom made built-in furniture, furniture for medical, dental, surgical or veterinary purposes and metal framed cabinets for TV or radio receivers or for recorders)			
381.15.01	Assembled, domestic			
381.15.01.11	Dining and kitchen tables, buffets, sideboards and wall units	..		205 004
381.15.01.12	Kitchen (excluding tables)	..		384 476
381.15.01.13	Bedroom	..		216 257
381.15.01.14	Occasional	..		*25 694
381.15.01.15	Outdoor (including verandah and patio)	..		**6 086
381.15.01.90	Other domestic	..		*113 064
381.15.02	Assembled, non-domestic			
381.15.02.10	Office	..		263 835
381.15.02.90	Other non-domestic	..		*74 819
381.15.03	Unassembled or partly assembled	..		*93 282
381.16	Complete furniture n.e.c. of, or predominantly of material other than metal or wood (excluding seating and furniture for medical, dental, surgical or veterinary purposes)			
381.16.01	Assembled, domestic			
381.16.01.11	Dining and kitchen tables, buffets, sideboards and wall units	..		**18 276
381.16.01.12	Kitchen (excluding tables)	..		*12 853
381.16.01.14	Occasional	..		20 734
381.16.01.15	Outdoor (including verandah and patio)	..		**11 284
381.16.02	Assembled, non-domestic			
381.16.02.10	Office	..		*19 720
381.16.02.90	Other non-domestic	..		*75 403
381.17	Mattress supports, sprung (excluding of wire, unupholstered and of rubber)			
381.17.01	Up to and including 107 cm wide	127	'000	17 643
381.17.02	Exceeding 107 cm wide, but not exceeding 138 cm wide	82	'000	12 597
381.17.03	Exceeding 138 cm wide (the two parts of split mattress supports reported as one)	177	'000	36 970
381.21	Mattresses (excluding those of, or stuffed internally with rubber, also excluding water-mattresses)			
381.21.01	Innerspring, 7.5 cm thick or more			
381.21.01.01	Up to and including 107 cm wide	371	'000	45 422
381.21.01.02	Exceeding 107 cm wide, but not exceeding 138 cm wide	181	'000	34 637
381.21.01.03	Exceeding 138 cm wide	315	'000	80 514
381.21.02	Artificial plastic material (expanded foam or sponge), 7.5 cm thick or more			
381.21.02.01	Up to and including 107 cm wide	**323	'000	15 077
381.21.02.02	Exceeding 107 cm wide	67	'000	4 572
381.23	Parts of furniture			
381.23.11	Of passenger transport seats	..		*53 400
382	Jewellery and related articles	..		179 319
382.12	Precious stones (excluding diamonds) and semi-precious stones, worked (other than simply sawn or roughly shaped) but not strung, mounted or set; ungraded precious stones (excluding diamonds) and semi-precious stones, temporarily strung for convenience of transport	..		**17 315
382.16	Jewellery of gold, silver or platinum group metals (excluding watches and watch cases) and goldsmiths' or silversmiths' wares (including set gems) (including articles of natural or cultivated pearls, precious or semi-precious stones)	..		148 660
383	Musical instruments	..		**5 802
384	Sports goods	..		202 717
384.01	Water-skis, surf-boards, sailboards and other water-sport equipment	..		*27 757
384.02	Gymnasium and athletics articles and equipment	..		*19 021
384.03	Snow-skis and other snow-ski equipment; ice-skates and roller-skates; other articles and equipment for sports or outdoor games (including sports gloves, balls, golf clubs, equipment for table-tennis, and lawn-tennis rackets); swimming pools and paddling pools			
384.03.02	Golf equipment (excluding golf buggies and bags; also excluding clothing and clothing accessories)			
384.03.02.10	Golf clubs, complete	**1 332	'000	29 709
384.03.02.90	Other golf equipment (including golf tees)	..		*6 107
384.03.04	Gloves, mittens and mitts, specially designed for use in sport	..		**9 091

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
384.03.05	Snow skis and other snow-ski equipment: articles and equipment for table-tennis; sports goods, n.e.c.			
384.03.05.11	Footballs	*6 193	'000	16 556
384.03.05.12	Balls, golf balls and table tennis balls (excluding footballs)			
384.03.05.90	Other sports goods n.e.c. (including skateboards, protective equipment for sport or games) (excluding gloves, mittens and mitts)			
384.04	Fishing rods and other line fishing tackle; fish landing nets, butterfly nets and similar nets; decoy 'birds' and similar hunting or shooting requisites			*15 804
385	<b>Games and toys</b>			<b>*157 503</b>
385.07	Video games of a kind used with a television receiver; other articles for funfair, table or parlour games (including articles for billiards, pintables, special tables for casino games and automatic bowling alley equipment); playing cards			
385.07.11	Video games used with a television receiver or monitor; poker machines and other coin or disc operated games			*127 027
385.07.13	Board games			*22 070
385.07.90	Other			
386	<b>Roundabouts, swings, shooting galleries and other fairground amusements</b>			<b>**9 683</b>
386.00	Roundabouts, swings, shooting galleries and other fairground amusements			**9 683
387	<b>Prefabricated buildings</b>			<b>463 056</b>
387.01	Wood or timber framed prefabricated buildings			81 113
387.02	Steel or steel framed prefabricated buildings			
387.02.11	Garages, carports, garden sheds			161 980
387.02.12	Transportable buildings			50 552
387.02.90	Other (e.g. hangars, farm machinery sheds, hay sheds)			134 916
387.03	Aluminium or aluminium framed prefabricated buildings			*31 851
389	<b>Other manufactured articles n.e.c.</b>			<b>336 035</b>
389.11	Ball point pens; felt-tipped or other porous-tipped pens and markers; fountain pens, stylograph pens and other pens; duplicating stylos; propelling or sliding pencils; pen-holders, pencil-holders and similar holders; parts (including caps and clips) of the foregoing articles (not including goods of 389.12); pen nibs and nib points			**13 064
389.13	Typewriter or similar ribbons, inked or otherwise prepared for giving impressions, whether or not on spools or in cartridges; ink pads, whether or not inked, with or without boxes			*25 021
389.15	Press fasteners, snap-fasteners and press-studs and parts thereof; buttons			*52 328
389.16	Slide fasteners; parts of slide fasteners			
389.22	Brooms, brushes, hand-operated mechanical floor sweepers (not motorised), mops and feather dusters; prepared knots and tufts for broom or brush making; paint pads and rollers; squeegees (excluding roller squeegees)			
389.22.02	Brooms			
389.22.02.01	Household	**3 960	'000	11 692
389.22.02.02	Industrial	**1 575	'000	10 430
389.22.03	Brushes and brush ware (excluding paint and varnish brushes and for personal use)			
389.22.03.14	Brushes being part for machines, appliances or vehicles			*54 606
389.22.03.90	Other			
389.22.05	Paint and varnish brushes			
389.22.06	Complete paint rollers, replacements, accessories and parts			*10 638
389.22.07	Tooth brushes	**18 558	'000	**26 698
389.28	Instruments, apparatus and models, designed for demonstrational purposes (e.g. in education or exhibitions), unsuitable for other uses			**11 133
389.31	Imitation jewellery (not incorporating precious metal except as plating or as minor constituents) (excluding watch-straps)			**26 814
389.34	Candles, tapers and the like	*14 213	'000	*21 942
39	<b>Wastes or scraps</b>			
391	<b>Wastes from food and tobacco industry</b>			<b>155 776</b>
391.11	Raw offal, inedible (including pigs' bristles, animal guts, bird skins, feathers, bones and ivory)			
391.11.01	Guts, bladders and stomachs of animals (excluding fish), whole and pieces thereof			
391.11.01.12	Casings	*10 001 455	bundle	74 079

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
391.11.01.13	Bungs and weasands	..		13 293
391.12	Bran, sharps and other residues, whether or not in the form of pellets, derived from the sifting, milling or other working of cereals or of leguminous plants			
391.12.02	Bran, from wheat, prepared for human consumption (excluding bran used for breakfast food)	n.p.		62 024
391.12.03	Bran, from wheat, for animal feed	243 000 t		
391.12.04	Other, of wheat or rye	176 000 t		
392	Non-metal wastes or scraps	..		*16 174
392.11	Residual lyes from the manufacture of wood pulp (including lignin sulphonates) (excluding tall oil)	..		*11 755
393	Metal wastes or scraps	..		34 692
393.13	Scrap steel	239 '000 t		23 272
<b>4</b>	<b>METAL PRODUCTS, MACHINERY AND EQUIPMENT</b>			
<b>41</b>	<b>Basic metals</b>			
411	Basic iron and steel	..		2 331 735
411.01	Ferro-manganese; ferro-chromium; ferro-nickel; other ferro-alloys	n.p.		137 260
411.02	Pig iron and spiegeleisen in pigs, blocks or other primary forms; ferrous products obtained by direct reduction of iron ore and other spongy ferrous products, in lumps, pellets or similar forms; iron having a minimum purity by weight of 99.94%, in lumps, pellets or similar forms; granules and powders, of pig iron, spiegeleisen, iron or steel			
411.02.01	Basic iron (including flat iron, pig iron)	7 508 '000 t		263 514
411.02.02	Iron and steel granules and powders			
411.03	Raw steel in ingots or other primary forms (including continuous cast slabs, blooms and billets); primary, including solid state	6 432 '000 t		1 209 389
411.04	Semi-finished products of iron or non-alloy steel containing by weight less than 0.25% of carbon; semi-finished products of iron or non-alloy steel containing by weight 0.25% or more of carbon; semi-finished products of alloy steel			
411.04.01	Iron or steel pieces roughly shaped by forging	*9 '000 t		*17 839
411.04.04	Other iron or steel products of solid section (e.g. blanks for angles, shapes or sections)—primary mill output	n.p.		43 933
412	Rolled, drawn and folded products of iron and steel	..		7 075 525
412.01	Flat-rolled products of iron or steel			
412.01.01	Flat-rolled products of iron or non-alloy steel, not further worked than hot-rolled	n.p.		4 535 216
412.01.02	Flat-rolled products of iron or non-alloy steel, not further worked than cold-rolled	n.p.		
412.01.03	Other flat-rolled products of iron or non-alloy steel (not clad, plated or coated) (including flat and coiled forms)	n.p.		
412.01.04	Flat-rolled products of iron or non-alloy steel, plated or coated with zinc			
412.01.04.10	Profile decking and cladding	15 402 '000 m <sup>2</sup>		
412.01.04.90	Other	n.p.		
412.01.05	Flat-rolled products of iron or non-alloy steel, painted, varnished or plastic coated			
412.01.05.11	Profile decking and cladding (including steel sheeting for fences), painted	35 008 '000 m <sup>2</sup>		
412.01.05.12	Profile decking and cladding (including steel sheeting for fences), otherwise coated (excluding galvanised)	7 099 '000 m <sup>2</sup>		
412.01.05.90	Other	n.p.		
412.01.06	Flat-rolled products of iron or non-alloy steel, clad, plated or coated with tin, lead, chromium oxides, aluminium and other platings or coatings (excluding with zinc) n.e.c.	n.p.		760 426
412.01.07	Flat-rolled products of alloy steel	4 '000 t		
412.02	Bars and rods of iron or steel; drawn and folded products of iron or steel			
412.02.11	Reinforcing steel rods and bars	920 '000 t		150 548
412.02.12	Railway or tramway track construction material of iron or steel	..		

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>412.02.13</b>	<b>Angles, shapes and sections, of iron or steel (including not further worked than hot-rolled, hot-drawn, extruded, cold-formed or cold-finished, welded); sheet piling of iron or steel</b>			
412.02.13.01	Sections for house framing	**46	'000 t	55 560
412.02.13.02	Angles, shapes and sections other than for house framing (including sheet piling)	*578	'000 t	500 803
412.02.14	Wire of iron or steel for further processing	314	'000 t	245 715
412.02.90	Other bars and rods			
412.03	Tubes, pipes and hollow profiles, of iron or steel; tube or pipe fittings of iron or steel			
412.03.11	Tubes, pipes and hollow profiles, of cast iron	**35	'000 t	*18 506
412.03.12	Line pipe for oil or gas pipelines, seamless, of iron (excluding cast iron) or steel; casing, tubing and drill pipe for the drilling for oil or gas, seamless, of iron (excluding cast iron) or steel; other tubes, pipes and hollow profiles (including of circular cross-section), seamless, of iron (excluding cast iron) or steel	305	'000 t	359 575
412.03.13	Line pipe for oil or gas pipelines (excluding seamless) of iron or steel; casing and tubing for the drilling for oil or gas (excluding seamless) of iron or steel; other tubes, pipes and hollow profiles (excluding seamless), of iron or steel	74	'000 t	105 796
412.03.14	Cast tube or pipe fittings of non-malleable cast iron	140	'000 t	212 987
412.03.15	Cast tube or pipe fittings of malleable cast iron			
412.03.16	Cast tube or pipe fittings of cast steel			
412.03.90	Tubes and pipe fittings of iron or steel n.e.c.	43	'000 t	130 393
<b>413</b>	<b>Basic precious metals and metals clad with precious metals</b>			<b>234 966</b>
413.11	Smelting, refining and recovery of basic precious metals (excluding powders and flakes)			
413.11.01	Primary recovery			81 515
413.11.02	Secondary recovery from purchased scrap			*34 330
413.11.03	Secondary recovery from drosses, ashes or other waste material			112 645
413.12	Silver, platinum and other metals of the platinum group			
413.12.02	Primary recovery of silver and platinum	1 511	t	See 413.11.01
413.12.03	Secondary recovery of silver and platinum from purchased scrap	**35	t	See 413.11.02
<b>414</b>	<b>Copper, nickel, aluminium, alumina, lead, zinc and tin, unwrought</b>			<b>8 314 797</b>
414.11	Smelting, refining and recovery of copper, nickel, aluminium, lead, zinc and tin (excluding powders and flakes)			
414.11.01	Primary recovery	(a)		3 497 392
414.11.02	Secondary recovery from drosses, ashes or other waste material	(b)		34 322
414.11.03	Secondary recovery from purchased scrap	(c)		238 860
414.12	Copper, unwrought			
414.12.01	Copper mattes; cement copper (precipitated copper)	9 549	t	*22 986
414.12.02	Copper precipitate			
414.12.03	Unrefined copper; copper anodes for electrolytic refining; refined copper and copper alloys, unwrought; master alloys of copper			
414.12.03.01	Primary recovery of copper	296 800	t	See 414.11.01
414.13	Nickel, unwrought			
414.13.01	Nickel mattes, nickel oxide sinters and other intermediate products of nickel metallurgy	n.p.		n.p.
414.13.02	Nickel, not alloyed			
414.13.02.01	Primary recovery of nickel	(d)		See 414.11.01
414.14	Aluminium, unwrought			
414.14.01	Aluminium, not alloyed			
414.14.01.01	Primary recovery of aluminium	1 063 160	t	See 414.11.01
414.14.01.02	Secondary recovery of aluminium from drosses, ashes or other waste material	n.p.		See 414.11.02
414.14.01.03	Secondary recovery of aluminium from purchased scrap	62 297	t	See 414.11.03
414.14.02	Aluminium alloys	12 533	'000 t	3 281 700
414.14.03	Alumina (aluminium oxide) (excluding artificial corundum)			

(a) Quantity is shown against items 414.12.03.01, 414.13.02.01, 414.14.01.01, 414.15.01 and 414.16.01.01.

(b) Quantity is shown against item 414.14.01.02.

(c) Quantity is shown against items 414.14.01.03, 414.15.03 and 414.16.01.03.

(d) Quantity shown against item 414.16.01.03 is for 414.13.02.01, 414.15.01, 414.15.03, 414.16.01.01 and 414.16.01.03 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
414.15	Lead, unwrought			
414.15.01	Primary recovery of lead	(a)		See 414.11.01
414.15.03	Secondary recovery of lead from purchased scrap	(a)		See 414.11.03
414.16	Zinc, unwrought			
414.16.01	Zinc, not alloyed			
414.16.01.01	Primary recovery of zinc	(a)		See 414.11.01
414.16.01.03	Secondary recovery of zinc from purchased scrap	(a)542 545	t	See 414.11.03
414.16.02	Zinc alloys	629 '000	t	873 119
415	Semi-finished products of copper, nickel, aluminium, lead, zinc and tin or their alloys	..		1 918 247
415.11	Semi-finished products of copper			
415.11.11	Bars, rods (including wire products) and sections (profiles) of brass, extruded	*22 452	t	*106 054
415.11.12	Bars, rods (excluding wire products) and sections (profiles) of brass (excluding extruded)	227	t	(b)
415.11.13	Bars, rods (excluding wire products) and sections (profiles) of other than brass, extruded	*4 337	t	(b)
415.11.14	Bars, rods (excluding wire products) and sections (profiles) of other than brass (excluding extruded)	n.p.		(b)
415.11.16	Wire of copper (excluding wire rod; also excluding if stranded, braided or insulated)	n.p.		(b)
415.11.17	Foil, of copper, of a thickness not exceeding 0.15 mm (whether or not printed or backed with paper, paperboard, plastics or similar backing materials)	n.p.		(b)
415.11.18	Tube or pipe fittings of copper or copper alloys (e.g. couplings, elbows, sleeves) (excluding valves)	..		*68 714
415.11.90	Other rolled, drawn or extruded products of copper or copper alloys (e.g. tubes and pipes)	n.p.		(b)452 358
415.13	Semi-finished products of aluminium			
415.13.11	Powders and flakes of aluminium	..		*14 966
415.13.12	Bars, rods and profiles, of aluminium	(c)		(c)
415.13.13	Aluminium foil of a thickness (excluding any backing) not exceeding 0.20 mm (whether or not printed or backed with paper, paperboard, plastics or similar backing materials)	33 '000	t	171 949
415.13.90	Other rolled, drawn or extruded products of aluminium or aluminium alloys (e.g. pipes, tubes, plates, strip and wire)	(c)216 '000	t	(c)778 425
415.14	Semi-finished products of lead or lead alloys, rolled, drawn or extruded (excluding foil)			
415.16	Semi-finished products of tin	*14 '000	t	*26 383
415.16.01	Rolled, drawn or extruded products of tin or tin alloys (excluding foil)			
415.90	Semi-finished products of copper, nickel, aluminium, lead, zinc and tin or their alloys, n.e.c.	..		286 966
416	Other non-ferrous metals and articles thereof (including waste and scrap); cermets and articles thereof; ash and residue (except from the manufacture of iron or steel) containing metals or metallic compounds	..		131 511
416.01	Smelting, refining and recovery of non-ferrous metals other than basic precious metal, copper, nickel, aluminium, alumina, zinc or tin (excluding powders and flakes)			
416.01.01	Primary recovery	..		
416.01.02	Secondary recovery from drosses, ashes or other waste material	..		131 511
416.01.03	Secondary recovery from purchased scrap	..		
416.03	Unwrought tungsten, molybdenum, tantalum, magnesium, cobalt, cadmium, titanium, zirconium, beryllium, gallium, hafnium, indium, niobium, rhenium and thallium, and waste and scrap and powders thereof (excluding powders of magnesium); cobalt mattes and other intermediate products of cobalt metallurgy; bismuth, antimony, manganese, chromium, germanium and vanadium and articles thereof (including waste and scrap); cermets and articles thereof			
416.03.11	Primary recovery of antimony			
416.03.14	Primary recovery of other non-ferrous metals	n.p.		See 416.01.01
416.03.15	Secondary recovery of other non-ferrous metals from drosses, ashes or other waste material	**655	t	See 416.01.02

(a) Quantity shown against item 414.16.01.03 is for 414.13.02.01, 414.15.01, 414.15.03, 414.16.01.01 and 414.16.01.03 combined.

(b) Value shown against item 415.11.90 is for 415.11.12, 415.11.13, 415.11.14, 415.11.16, 415.11.17 and 415.11.90 combined.

(c) Quantity and value shown against item 415.13.90 are for 415.13.12 and 415.13.90 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>42</b>	<b>Fabricated metal products, except machinery and equipment</b>			
<b>421</b>	<b>Structural metal products and parts thereof</b>			<b>3 514 190</b>
421.03	Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium; other structures (excluding prefabricated buildings) and parts of structures, of iron, steel or aluminium: plates, rods, angles, shapes, sections, profiles, tubes and the like, prepared for use in structures, of iron, steel or aluminium; props and similar equipment for scaffolding, shuttering or pitpropping			
421.03.11	Fire doors (AS 1905-1984) of iron, steel or aluminium	*120	'000	*32 396
421.03.12	Roller doors, complete or unassembled (including components) of iron or steel or iron/steel framed (excluding roller grilles reported against 421.03.13.03 or 421.03.18.04)			
421.03.12.10	Domestic			*106 245
421.03.12.90	Other			*57 575
421.03.13	Doors, with or without glass, of iron or steel or iron/steel framed (excluding fire doors, roller doors and strong room doors included against 421.03.11 or 421.03.12)			
421.03.13.11	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)	**32	'000	13 580
421.03.13.12	Tilting doors	**23	'000	10 705
421.03.13.90	Other doors (including roller grilles, concertina type doors) (excluding sliding screens)			*19 501
421.03.14	Window and window frames, of iron or steel			*25 169
421.03.16	Other fabricated products, of iron or steel			
421.03.16.11	Architectural products (e.g. stairs, balustrades)			236 486
421.03.16.12	Storage structures and shelving, large scale, unassembled (excluding of sheet metal)			*24 790
421.03.16.13	Storage structures and shelving, large scale, unassembled, of sheet metal	241	'000 t	146 057
421.03.16.14	Wire gates (cross-sectional dimension of wire 16 mm or less)			*11 295
421.03.16.15	Prefabricated chimney stacks and livestock yarding equipment (e.g. portable stockyards)			*7 386
421.03.16.16	Rolled form structural formwork	*51	'000 t	93 382
421.03.16.90	Other			1 229 238
421.03.17	Roller doors, of aluminium or aluminium framed, complete or unassembled (including components) (excluding roller grilles included against 421.03.13.90 or 421.03.18.90)			
421.03.17.10	Domestic			*18 411
421.03.17.90	Other			*16 711
421.03.18	Doors, with or without glass, of aluminium or aluminium framed (excluding fire doors, roller doors and shower screen doors included against 421.03.11, 421.03.17 or 421.03.22)			
421.03.18.11	Domestic hinged doors, door sets and sliding doors (including security doors and hinged fly doors) (excluding sliding door assemblies that have more than one fixed panel of glass)	*722	'000	117 418
421.03.18.12	Other 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)	*298	'000	86 942
421.03.18.90	Other doors (including roller grilles and concertina type doors) (excluding sliding screens)			97 484
421.03.21	Aluminium windows and window frames			
421.03.21.10	Domestic			547 797
421.03.21.90	Other			*277 731
421.03.22	Shower screens, aluminium framed (including doors)	*224	'000	*73 034
421.03.23	Combined door-window units of aluminium or aluminium framed (including laundry combinations, entry frames) (excluding sliding door assemblies with only one fixed glass panel)			
421.03.23.10	Domestic	*13	'000	n.p.
421.03.23.90	Other (e.g. shop/office fronts)	**83	'000	59 656
421.03.24	Structures (e.g. bridges, towers) (excluding prefabricated buildings), parts of structures (excluding doors, windows) and plates, strip, rods, angles, shapes and sections, prepared for use in structures, of aluminium (excluding shower screens and doors)			*106 965



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>422</b>	<b>Tanks, reservoirs and containers of iron, steel or aluminium</b>	..		<b>344 522</b>
422.01	Vats, tanks and similar containers, of a capacity exceeding 300 litres, not fitted with mechanical or thermal equipment, of iron or steel (excluding for compressed or liquefied gas)			
422.01.10	Of sheet iron or steel (thickness less than 3 mm)	*52	000	*36 876
422.01.90	Other	8	000	43 001
422.03	Cylinders for compressed or liquefied gas, of iron, steel or aluminium and their alloys	n.p.		57 296
422.04	Containers (excluding cylinders) for compressed or liquefied gas, of plate iron or steel (thickness 3 mm or more) or plate aluminium (thickness exceeding 6 mm) (including alloys thereof)	..		*39 203
422.05	Containers (excluding cylinders) for compressed or liquefied gas, of sheet iron or steel (thickness less than 3 mm) or of sheet aluminium (thickness 6 mm or less) (including alloys thereof)			
422.05.10	Tanks	*15	000	*16 168
422.05.90	Other	..		151 730
<b>423</b>	<b>Steam generators (except central heating boilers) and parts thereof</b>	..		<b>51 106</b>
423.11	Steam or other vapour generating boilers and parts thereof (excluding central heating hot water boilers also capable of producing low pressure steam); super-heated water boilers and parts thereof	**10	'000	28 712
423.12	Auxiliary plant for use with boilers (e.g. economizers, super-heaters, soot removers and gas recoverers); condensers for steam or other vapour power units	438	no.	19 930
<b>429</b>	<b>Other fabricated metal products</b>	..		<b>7 358 632</b>
429.11	Domestic metal products			
429.11.11	Sanitary ware of sheet iron or steel and their alloys (thickness less than 3 mm)			
429.11.11.01	Sinks (standard size) of stainless steel (including combination sinks)	*233	'000	109 915
429.11.11.02	Laundry tubs	n.p.		
429.11.11.03	Other (e.g. wash basins, baths, non-standard size sinks, toilet cisterns, sanitary pans, urinals) (including standard size sinks other than of stainless steel)	..		
429.11.12	Sanitary ware of iron or steel (e.g. cast iron) (excluding of sheet iron or steel, or of wire)	..		*14 915
429.11.14	Household articles and parts thereof, n.e.c., of iron, steel, copper or aluminium			
429.11.14.11	Of sheet iron or steel and their alloys (thickness less than 3 mm)	..		78 283
429.11.14.13	Of sheet aluminium and aluminium alloys (thickness of 6 mm or less)	..		61 478
429.11.14.14	Of wire (e.g. frying baskets, plate racks)	..		*11 431
429.11.14.90	Other (e.g. cast kitchenware)	..		125 535
429.12	Hand tools of a kind used in agriculture, horticulture or forestry; used for woodworking or metalworking; used for machinery maintenance; interchangeable tools for hand tools or for machine tools; knives for machines; other n.e.c.			
429.12.11	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	*2 163	'000	*21 078
429.12.13	Hand-operated spanners and wrenches (including torque meter wrenches) (excluding tap wrenches); interchangeable spanner sockets, with or without handles	*1 266	000	*23 102
429.12.15	Hammers and sledge hammers	*532	000	*7 735
429.12.16	Planes, chisels, gouges and similar cutting tools for working wood	808	000	*9 453
429.12.17	Screwdrivers	*6	'000	*6 005
429.12.22	Other hand tools (including glaziers' diamonds); blow lamps; vices, clamps and the like; anvils; portable forges; hand or pedal-operated grinding wheels with framework	..		14 798
429.12.23	Blades for saws of all kinds (including slitting, slotting or toothless saw blades)	*907	'000	*30 188
429.12.24	Sets of articles of two or more of 429.12.14 to 429.12.22; tools of two or more of 429.12.12, 429.12.13 and 429.12.23 put up in sets for retail sale	..		29 080
429.12.25	Knives and cutting blades, for machines or for mechanical appliances	..		

ANZSOC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
429.12.28	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)			
429.12.28.10	For non-power operated hand tools (including screwdriver bits and drilling bits) (excluding twist drills and taps, dies and chasers)	*18 645	'000	78 818
429.12.28.90	Other	**569	'000	23 530
429.13	Tanks, casks, drums, cans, boxes and similar containers of iron, steel or aluminium, of a capacity not exceeding 300 litres, not fitted with mechanical or thermal equipment (excluding for compressed or liquefied gas); stoppers, caps and lids, capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal (including crown corks)			
429.13.01	Tanks, casks, drums, cans, boxes and similar containers, of iron or steel, of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment (excluding for compressed or liquefied gas)			
429.13.01.11	Vats, tanks and milk and cream cans, of sheet iron or sheet steel (thickness less than 3 mm)	n.p.		86 546
429.13.01.12	Vats and tanks of plate iron or steel (thickness 3 mm or more)	***3	'000	9 230
429.13.01.90	Other	1 516	million	531 044
429.13.02	Aluminium casks, drums, cans, boxes and similar containers, of a capacity not exceeding 300 litres, whether or not lined or heat-insulated, but not fitted with mechanical or thermal equipment (including rigid or collapsible tubular containers) (excluding for compressed or liquefied gas)			
429.13.02.90	Other (including collapsible tubular containers)	3 216	million	403 712
429.13.03	Stoppers, caps and lids (including crown corks), capsules for bottles, threaded bungs, bung covers, seals and other packing accessories, of base metal			252 576
429.14	Metal fasteners, springs and miscellaneous articles made from metal wire			
429.14.11	Stranded wire, ropes, cables, plaited bands, slings and the like, not electrically insulated, of iron or steel	(a)		(a)
429.14.12	Stranded wire, ropes, cables, plaited bands, slings and the like, not electrically insulated			
429.14.12.01	Of copper	3	'000 t	45 279
429.14.12.02	Of aluminium	18	'000 t	
429.14.13	Barbed wire of iron or steel; twisted hoop or single flat wire, barbed or not, loosely twisted double wire, for fencing, of iron or steel			
429.14.13.10	Barbed wire	(a)		(a)
429.14.13.90	Other	(a)403	'000 t	(a)470 800
429.14.15	Cloth (including endless bands) grill, netting and fencing, of iron or steel wire			
429.14.15.11	Reinforcing steel mesh (welded)	309	'000 t	404 000
429.14.15.12	Welded fabric of iron or steel	*60	'000 t	141 968
429.14.15.90	Other			231 487
429.14.17	Nails, tacks, drawing pins, corrugated nails, staples (excluding of 429.90.16) and similar articles, of iron or steel, whether or not with heads of other materials (excluding with heads of copper)	*6 937	t	*24 269
429.14.18	Hexagonal and square ferrous bolts, low tensile (mild steel) (including the value of nuts and/or washers sold with these products)			
429.14.18.01	Up to and including 10 mm diameter	**232	million	13 301
429.14.18.02	Over 10 mm up to and including 20 mm diameter	**145	million	17 686
429.14.18.03	Over 20 mm diameter	**79	million	5 759
429.14.21	Hexagonal and square ferrous bolts, high tensile (including the value of nuts and/or washers sold with these products)	79	million	*35 059
429.14.22	Ferrous bolts n.e.c., set screws and sockets head cap screws (including bolt ends and screw studs) (including the value of nuts and/or washers sold with these products)			110 658
429.14.23	Ferrous screws of a kind not suitable for use with nuts (including the value of nuts and/or washers sold with these products)			
429.14.23.10	Ferrous screws for wood	**46	million	1 650
429.14.23.90	Other (including self tapping and thread cutting)	**427	million	47 572
429.14.26	Total quantity of ferrous nuts produced (including sold or transferred out with bolts or screws or on their own)	**11 817	'000	

(a) Quantity and value shown against item 429.14.13.90 are for 429.14.11, 429.14.13.10 and 429.14.13.90 combined.

ANZSIC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
429.14.27	Quantity and value of ferrous nuts sold or transferred out as such (i.e. not with bolts or screws)	..		***22 190
429.14.28	Total quantity of ferrous washers produced (including sold or transferred out with bolts or screws or on their own)	**450	million	..
429.14.31	Quantity and value of ferrous washers sold or transferred out as such (i.e. not with bolts or screws)	**461	million	**14 516
429.14.32	Rivets (excluding tubular or bifurcated) and similar non-threaded articles of iron or steel (excluding cotter pins)	..		38 338
429.14.33	Nails, tacks, drawing pins, staples (excluding in strips for offices, upholstery or packaging) and similar articles, of copper or of iron or steel, with heads of copper	..		*23 292
429.14.34	Washers (including spring washers) and similar articles of copper, not threaded; screws, bolts and nuts and similar articles of copper, threaded	..		..
429.14.36	Springs and leaves for springs, of iron or steel; copper springs	76 631	'000	125 843
429.15	Wire, rods, tubes, plates, electrodes and similar products, of base metal or of metal carbides, coated or cored with flux material, 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	..		..
429.15.10	For electric arc-welding	33 791	t	85 675
429.15.90	Other	*1 667	t	*32 625
429.90	Other metal goods	..		..
429.90.11	Chain and parts thereof, of iron or steel (excluding articulated link chain)	..		..
429.90.11.11	Cast	*7 569	t	21 970
429.90.11.12	Forged	**2 060	t	1 860
429.90.11.90	Other	**10 310	t	36 560
429.90.13	Padlocks and locks, of base metal; clasps and frames with clasps, incorporating locks, of base metal; keys and parts thereof, of base metal	..		..
429.90.13.11	Mortice locks with or without keys (excluding lock sets)	..		22 701
429.90.13.12	Other locks with or without keys (excluding lock sets)	..		26 270
429.90.13.13	Lock sets (door, furniture e.g. key in knob(s)) (excluding latch sets and privacy sets)	..		70 318
429.90.13.90	Other (e.g. clasps, parts of locks, keys presented separately)	..		*43 836
429.90.14	Armoured or reinforced safes, strong-boxes and doors and safe deposit lockers for strong-rooms, cash or deed boxes and the like, of base metal	..		40 616
429.90.15	Paper trays, paper rests, pen trays, office-stamp stands and similar office or desk equipment, of base metal (excluding office furniture)	..		..
429.90.15.10	Of sheet metal	..		26 672
429.90.17	Photograph, picture and similar frames and mirrors, of base metal	**246	'000	**14 349
429.90.21	Sewing needles, knitting needles, bodkins, crochet hooks, embroidery stilettos and similar articles, for use in the hand, of iron or steel; safety pins and other pins, of iron or steel, n.e.c.	..		(a)
429.90.24	Hinges for doors, windows, furniture, coachwork and the like, of metal	*5 737	'000	*10 998
429.90.25	Door closures	..		..
429.90.25.10	Hydraulic	..		9 257
429.90.25.90	Other	..		27 653
429.90.26	Castors; other mountings (including hat-racks, towel racks, brackets, latch sets and privacy sets)	..		40 904
429.90.27	Flexible tubing of base metal, with or without fittings	..		79 653
429.90.31	Sign-plates, name-plates, address-plates and similar plates, numbers, letters and other symbols, of base metal (excluding of 465.14.02)	..		..
429.90.31.10	Advertising signs, name-plates and sign-plates	..		268 166
429.90.31.90	Other (e.g. badges, key tags, numbers, letters, motor vehicle number plates)	..		55 348
429.90.32	Anchors, grapnels and parts thereof, of iron or steel	..		*17 382
429.90.33	Cast articles of non-malleable cast iron, n.e.c.; cast articles of iron or steel, n.e.c.	..		..
429.90.33.01	Cast articles of iron, n.e.c.	..		152 449
429.90.33.02	Cast articles of steel, n.e.c.	..		188 060
429.90.34	Articles of iron or steel, forged or stamped, but not further worked, n.e.c.	..		..
429.90.34.01	Forged	*54	'000 t	74 174

(a) Value shown against item 429.90.36.90 is for 429.90.21 and 429.90.36.90 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
429.90.34.02	Stamped	..		154 036
429.90.35	Articles of iron or steel wire, n.e.c.	..		
429.90.35.02	Other articles of iron or steel wire	..		*38 129
429.90.36	Articles of iron or steel, n.e.c.	..		
429.90.36.11	Cigarette cases, tool boxes and similar containers for personal or professional use	..		*12 596
429.90.36.12	Dowel pins and turnbuckles	..		**2 957
429.90.36.13	Blinds and awnings	..		*49 415
429.90.36.14	Moulds and dies	..		237 227
429.90.36.15	Ducting for airconditioning or refrigeration equipment of sheet iron or steel (thickness less than 3 mm)	..		64 228
429.90.36.16	Other articles of sheet iron or steel (thickness less than 3 mm)	..		429 585
429.90.36.90	Other (including non-calibrated balls for bearings, ladder and steps)	..		(a)55 367
429.90.37	Articles of copper, nickel, lead, zinc and tin, n.e.c.	..		109 064
429.90.38	Articles of aluminium, n.e.c.	..		
429.90.38.11	Ducting for airconditioning or refrigeration equipment of sheet aluminium and aluminium alloys (thickness 6 mm or less)	..		90 035
429.90.38.12	Other articles of sheet aluminium (thickness 6 mm or less)	..		52 852
429.90.38.13	Of wire	..		*13 740
429.90.38.14	Venetian blinds (including plastic coated)	..		110 780
429.90.38.15	Blinds and awnings (other than venetian blinds)	..		111 797
429.90.38.90	Other (including ladders)	..		153 993
429.90.90	Other fabricated metal articles	..		508 952
<b>43</b>	<b>General purpose machinery</b>			
<b>431</b>	<b>Engines and turbines and parts thereof</b>	..		<b>1 338 523</b>
431.11	Internal combustion piston engines (excluding for aircraft); internal combustion engines of a kind used for motor vehicles	..		
431.11.02	Engines, internal combustion piston, complete, whether or not assembled (including assembled from kits), for motor vehicles, off-highway trucks, materials handling trucks and tractors	n.p.		(b)
431.13	Hydraulic turbines and water wheels and parts thereof	..		*29 407
431.14	Parts n.e.c., 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)	..		(b)1 309 047
<b>432</b>	<b>Pumps, compressors, hydraulic and pneumatic power engines, and valves, and parts thereof</b>	..		<b>790 474</b>
432.11	Hydraulic and pneumatic power engines and motors n.e.c. [e.g. wind engines, hot air engines, linear acting (cylinders) power engines]	*11 '000		*23 873
432.12	Pumps for liquids; liquid elevators	..		
432.12.01	Pumps fitted with or designed to be fitted with a measuring device (such as fuel dispensing pumps)	n.p.		(c)
432.12.02	Fuel, lubricating or cooling medium pumps, for engines, internal combustion, for motor vehicles, off-highway trucks, materials handling trucks and tractors	..		*30 242
432.12.04	Rotary positive displacement pumps, n.e.c.	12 '000		32 367
432.12.05	Centrifugal pumps n.e.c.	..		
432.12.05.11	Designed for use in the mining and metallurgical industries (excluding pulp pumps used in conjunction with ore dressing machines)	n.p.		(c)
432.12.05.13	Multi-stage (excluding turbines)	n.p.		(c)
432.12.05.14	Self-priming engine driven type	n.p.		(c)
432.12.05.16	Pumps being water pressure systems	n.p.		28 127
432.12.05.17	Jet type n.e.c.	n.p.		(c)
432.12.05.18	Close coupled or integral pump and motor units (mono block)	n.p.		18 953
432.12.05.21	Submersible type n.e.c.	30 '000		19 407
432.12.05.90	Other (axially or radially split casing)	n.p.		(c)71 297
432.12.90	Pumps for liquids, n.e.c., and liquid elevators (excluding for motor vehicles or aircraft engines)	52 '000		22 473

(a) Value shown against item 429.90.36.90 is for 429.90.21 and 429.90.36.90 combined.

(b) Value shown against item 431.14 is for 431.11.02 and 431.14 combined.

(c) Value shown against item 432.12.05.90 is for 432.12.01, 432.12.05.11, 432.12.05.13, 432.12.05.14, 432.12.05.17 and 432.12.05.90 combined.

ANZSCC code	Commodity description	Quantity produced		value of sales & transfers out
		Quantity	Unit	\$'000
432.13	Air or vacuum pumps; air or other gas compressors			
432.13.90	Air compressors mounted on a wheeled chassis for towing; other pumps or compressors n.e.c.	26	'000	23 289
432.14	Parts for liquid pumps and liquid elevators			
432.14.12	For centrifugal pumps	..		79 703
432.14.13	For rotary pumps	..		21 543
432.14.90	Other (including parts for liquid elevators)	..		18 074
432.15	Parts for air or vacuum pumps; parts for air and gas compressors; parts of fans and ventilating or recycling hoods incorporating a fan	..		41 134
432.16	Taps, cocks, valves and similar appliances for pipes, boiler shells, tanks, vats or the like, and parts thereof			
432.16.01	Of cast iron	..		83 620
432.16.02	Of cast steel	..		***9 466
432.16.03	Of steel (excluding cast steel)	..		27 197
432.16.04	Of non-ferrous metal	..		220 497
<b>433</b>	<b>Bearings, gears, gearing and driving elements, and parts thereof</b>	..		<b>*179 634</b>
433.11	Ball or roller bearings (assembled)	44	million	} *62 629
433.12	Parts of 433.11 (e.g. balls, needles and rollers) (excluding non-calibrated steel balls)	n.p.		
433.14	Cranks, crankshafts, camshafts, bearing housings, gears, gearing and flywheels, for engines, internal combustion, for motor vehicles, off-highway trucks, materials handling trucks and tractors	..		} *117 004
433.90	Bearings, gears, gearing and driving elements, and parts thereof, n.e.c.	..		
<b>434</b>	<b>Ovens and furnace burners and parts thereof</b>	..		<b>90 793</b>
434.13	Industrial or laboratory electric furnaces and ovens (including induction or dielectric); other industrial or laboratory induction or dielectric heating equipment	..		16 748
434.14	Industrial or laboratory furnaces and ovens, non-electric, excluding parts therefor, (including incinerators) (excluding bakery ovens)	*14 969	no.	*64 029
<b>435</b>	<b>Lifting and handling equipment and parts thereof</b>	..		<b>772 480</b>
435.11	Pulley tackle and hoists other than skip hoists; winches and capstans; jacks			
435.11.11	Electric	269	no.	13 552
435.11.12	Hydraulic	**17 423	no.	*38 666
435.11.90	Other	117 023	no.	65 293
435.12	Derricks; cranes; mobile lifting frames, straddle carriers and works trucks fitted with a crane	10 008	no.	*176 759
435.13	Fork-lift trucks; other works trucks, whether or not fitted with lifting or handling equipment; tractors used on railway station platforms (works trucks, of the type used in factories, warehouses, dock areas or airports for short distance transport of goods) (excluding if fitted with a crane)	5 913	no.	74 143
435.14	Lifts and skip hoists	} *1 925	no.	87 836
435.15	Escalators and moving walkways			
435.16	Pneumatic and other continuous action elevators and conveyors, for goods or materials			
435.16.01	Pneumatic elevators; other continuous-action elevators for goods and materials (excluding specially designed for underground use)	**1 283	no.	*18 541
435.16.02	Pneumatic conveyors; other continuous-action conveyors for goods and materials (excluding specially designed for underground use)	39 719	no.	137 630
435.17	Other lifting, handling, loading or unloading machinery	*37 310	no.	111 264
435.18	Parts for lifting, handling, loading or unloading machinery (excluding for works trucks)	..		48 797
435.90	Lifting and handling equipment and parts thereof, n.e.c.	..		
<b>439</b>	<b>Other general purpose machinery and parts thereof</b>	..		<b>1 535 257</b>
439.12	Distilling or rectifying plant; heat exchange units; machinery for liquefying air or gas	17	'000	83 603
439.14	Other air conditioning machines			
439.14.01	Air conditioners for motor vehicles, off-highway trucks, materials handling trucks and tractors	n.p.		194 277
439.14.02	Other air conditioners			
439.14.02.10	Domestic	**68	'000	76 706
439.14.02.90	Other	136	'000	196 802

ANZSOC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>439.16</b>	<b>Refrigerators, freezers and other refrigerating or freezing equipment, electrical or other (excluding water coolers and household type refrigerators and freezers)</b>			
439.16.11	Refrigerating or freezing display counters, cabinets, show-cases and the like	***72	'000	**60 841
439.16.13	Upright service cabinets (reach in refrigerators)	**3	'000	**8 440
439.16.16	Other service cabinets (e.g. combination refrigerator-freezers)	**9	'000	**28 868
439.16.18	Prefabricated cool rooms and freezer rooms	**5	'000	**29 765
439.16.90	Other commercial refrigerators and freezers	7	'000	59 469
<b>439.17</b>	<b>Filtering or purifying machinery and apparatus, for liquids or gases (excluding oil filters, petrol filters and air intake filters for internal combustion engines)</b>			
439.17.11	For filtering and purifying water	*62	'000	*65 571
439.17.90	Other filters or purifying machinery and apparatus for liquids or gases	*105	'000	*51 941
439.18	Oil filters, petrol filters and air intake filters for internal combustion engines	1 875	'000	83 471
<b>439.21</b>	<b>Machinery for cleaning or drying bottles or other containers; machinery for filling, closing, sealing, capsuling or labelling bottles, cans, boxes, bags or other containers; machinery for aerating beverages; other packing or wrapping machinery</b>			
439.21.12	Machinery for packing or wrapping food	*3 042	no.	23 324
439.21.90	Other	**6 563	no.	*75 390
<b>439.22</b>	<b>Weighing machinery (excluding balances of a sensitivity of 5 centigrams or better)</b>			
439.22.01	Weighing machinery (including weight-operated counting and checking machines) (excluding balances of a sensitivity of 5 centigrams or better; personal weighing machines and household scales)	**15	'000	*22 269
<b>439.23</b>	<b>Fire extinguishers; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines; mechanical appliances for projecting, dispersing or spraying liquids or powders, (excluding agricultural or horticultural appliances) and parts thereof</b>			
439.23.01	Fire extinguishers, whether or not charged	*912	'000	*34 321
439.23.02	Spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines	**20	'000	**43 708
439.23.03	Mechanical appliances n.e.c., for projecting, dispersing or spraying liquids or powders (including domestic sprinklers)	..		*60 038
<b>439.24</b>	<b>Gaskets and similar joints of metal sheeting combined with other material or of two or more layers of metal, for engines, internal combustion, for motor vehicles, off-highway trucks, materials handling trucks and tractors</b>			86 728
<b>439.25</b>	<b>Fans (excluding domestic type); centrifuges (excluding cream separators and clothes dryers)</b>			
439.25.01	Electric fans other than domestic	*48	'000	*62 811
439.27	Cylinders and other parts for the machines of 439.26	..		*16 396
439.28	Automatic goods vending machines (e.g. postage stamp, cigarette, food or beverage, money-changing machines)	n.p.		n.p.
439.31	Parts of centrifuges, including centrifugal dryers; parts of filtering or purifying machinery and apparatus for liquids or gases	..		*42 948
439.33	Parts for fire extinguishers, whether or not charged; spray guns and similar appliances; steam or sand blasting machines and similar jet projecting machines	..		**13 317
439.90	Other general purpose machinery and parts thereof, n.e.c.	..		*12 023
<b>44</b>	<b>Special purpose machinery</b>			
<b>441</b>	<b>Agricultural or forestry machinery and parts thereof</b>	..		<b>639 493</b>
441.01	Agricultural, horticultural or forestry machinery for soil preparation or cultivation; lawn or sports-ground rollers			
441.01.12	Seeders, planters, transplanters; fertiliser distributors and manure spreaders (excluding hand tools)			
441.01.12.01	Seeders, planters and transplanters	**3	'000	42 735
441.01.13	Scarifiers, cultivators, weeders, hoes and harrows (excluding hand tools)	*1 656	no.	13 959
441.01.90	Other agricultural and horticultural or forestry machinery, for soil preparation or cultivation; lawn and sports ground rollers	..		50 948
441.02	Mowers for lawns, parks or sports-grounds			
441.02.10	Rotary undercut, with petrol engines (2 and 4 stroke)	262	'000	144 212
441.02.90	Other [e.g. cylinder type, tractor drawn (non-agricultural)]	..		*17 929

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$ 000
441.03	<b>Other mowers; other haymaking machinery; straw or fodder balers; other harvesting machinery; threshing machinery</b>			
441.03.02	Other harvesting and threshing machinery; mowers (excluding of 441.02)			
441.03.02.10	Agricultural mowers	***4	000	6 494
441.03.02.90	Other (e.g. haymaking machinery, threshing machinery, straw balers)	..		72 783
441.04	Tractors (excluding track-laying tractors, road tractors for semi-trailers and tractors used on railway station platforms)			
441.04.11	Agricultural			
441.04.11.01	Up to and including 105 kW	***6	'000	13 047
441.05	Agricultural or horticultural appliances for projecting, dispersing or spraying liquids or powders	*743	'000	*25 899
441.07	Machines for cleaning, sorting or grading eggs, fruit, seed, grain, dried leguminous vegetables or other agricultural produce; milking machines; poultry incubators and brooders; agricultural, horticultural, forestry, poultry-keeping or bee-keeping machinery, n.e.c.			
441.07.01	Machines for cleaning, sorting or grading eggs, fruit or other agricultural produce (excluding seed, grain or dried leguminous vegetables)	**440	no.	**11 983
441.07.02	Poultry-keeping machinery; poultry incubators and brooders	..		**14 299
441.07.03	Machines for cleaning, sorting or grading seed, grain or dried leguminous vegetables (excluding milling machinery of 445.18); milking machines; dairy machines; other agricultural, horticultural, forestry or bee-keeping machinery (including germination plant fitted with mechanical or thermal equipment)			
441.07.03.90	Other agricultural, horticultural, forestry and bee-keeping machinery (e.g. chaffcutters, feed grinders, seed graders, milking machines) (excluding for cleaning seeds; sawing, tree de-limbing, wood de-barking or knot boring machines)	..		100 347
441.08	Parts for the goods of 441.01-441.03			
441.08.01	Parts of the machinery of 441.01	..		58 200
441.08.02	Parts for harvesting, haymaking and silage making equipment	..		*30 526
442	<b>Machine-tools and parts and accessories thereof</b>	..		<b>473 714</b>
442.12	Machining centres, unit construction machines (single station) and multi-station transfer machines for working metal	**651	no.	*15 899
442.13	Lathes for removing metal (excluding of 442.11, 442.12 or 442.17)	**1 102	no.	**12 178
442.16	Machine-tools for working metal by forging, hammering or die-stamping; machine-tools for working metal by bending, folding, straightening, flattening, shearing, punching or notching; other presses for working metal or metal carbides			
442.16.01	Forging or die-stamping machines (including presses) and hammers	**3 838	no.	*9 236
442.16.02	Bending, folding, straightening or flattening machines (including presses)	*1 170	no.	*29 118
442.23	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.c.			
442.23.12	Machines and apparatus for resistance welding of metal, fully or partly automatic; other machines and apparatus for resistance welding of metal	n.p.		(a)
442.23.13	Machines and apparatus for arc, including plasma-arc welding of metal, fully or partly automatic; other machines and apparatus for arc welding of metal	49	000	32 120
442.23.90	Other machines and apparatus; parts for machines and apparatus of 442.23	..		(a)*12 839
442.26	Parts n.e.c., and accessories suitable for use solely or principally with the machine-tools of 442.11-442.17	..		*102 819
442.27	Parts for the goods of 442.18 and 442.21	..		
442.31	Parts for the machinery and apparatus of 442.24	..		44 359
442.32	Machine-tools for working mineral materials, for cold working glass, for working wood, cork, bone, hard rubber, hard plastics or the like; parts for these machine tools; presses for the manufacture of ligneous material boards and machinery for treating cork or wood	..		181 838
443	<b>Machinery for metallurgy and parts thereof</b>	..		<b>11 612</b>

(a) Value shown against item 442.23.90 is for 442.23.12 and 442.23.90 combined.

ANZSQC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>444</b>	<b>Machinery for mining, quarrying and construction, and parts thereof</b>	..		<b>889 034</b>
444.11	Continuous-action elevators and conveyors, for goods or materials, specially designed for underground use			
444.11.01	Continuous-action elevators for goods and materials, specially designed for underground use			
444.11.02	Continuous-action conveyors for goods and materials, specially designed for underground use	*22	'000	59 087
444.12	Coal or rock cutters and tunnelling machinery; other boring and sinking machinery			
444.12.01	Self-propelled	..		80 988
444.12.02	Not self-propelled	..		81 804
444.13	Other moving, grading, levelling, scraping, excavating, tamping, compacting or extracting machinery, self-propelled, for earth, minerals or ores (including bulldozers, mechanical shovels and road rollers)			
444.13.06	Mechanical shovels, excavators and shovel loaders, self-propelled, with a 360-degree revolving superstructure (excluding front-end shovel loaders); moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, self-propelled, for earth, minerals or ores, n.e.c.			
444.13.06.01	Mechanical shovels, excavators and shovel loaders with a 360-degree revolving superstructure; other self-propelled mechanical shovels, excavators and shovel loaders	..		13 423
444.13.06.02	Other moving, grading, levelling, scraping, excavating, compacting or extracting machinery, for earth, minerals or ores, self-propelled	..		147 810
444.13.07	Buckets, shovels, grabs and grips for cranes, excavators and the like	..		27 205
444.13.08	Bulldozer or angledozer blades	..		*13 463
444.14	Pile-drivers and pile-extractors; snow-ploughs and snow-blowers; other moving, grading, levelling, scraping, excavating, tamping, compacting, extracting or boring machinery, not self-propelled, for earth, minerals or ores; machinery for public works, building or the like, n.e.c.	..		35 922
444.15	Machinery for crushing or grinding earth, stone, ores or other mineral substances in solid form (including powder or paste)	78	'000	139 677
444.16	Machinery for mixing or kneading earth, stones, ores or other mineral substances in solid form (including powder or paste)			
444.16.10	Concrete or mortar mixers	*1 967	no.	28 408
444.16.90	Other	..		123 027
444.17	Parts for construction and earthmoving equipment	..		58 823
444.18	Machinery for sorting, screening, separating or washing mineral substances; machinery for mixing or kneading mineral substances n.e.c.; parts for mineral working machines	..		70 813
444.90	Machinery for mining, quarrying and construction, and parts thereof, n.e.c.			
<b>445</b>	<b>Machinery for food, beverage and tobacco processing, and parts thereof</b>	..		<b>230 842</b>
445.14	Bakery ovens, non-electric; machinery for making hot drinks or for cooking or heating food (excluding domestic type machines)			
445.14.01	Bakery ovens, including biscuit ovens	*12	'000	21 923
445.15	Bakery and biscuit making machinery (excluding ovens) and parts thereof	..		64 171
445.16	Butchery machinery (including poultry slaughtering and abattoir equipment) and parts thereof	..		19 706
445.17	Sugar processing machinery and parts thereof	..		39 560
445.18	Other food processing machinery (excluding canning, bottling and packing equipment)	..		(a)
445.21	Machinery for preparing or making up tobacco and parts thereof, n.e.c.	..		*23 081
445.90	Machinery for food, beverage and tobacco processing, and parts thereof, n.e.c.	..		(a)56 133
<b>446</b>	<b>Machinery for textile, apparel and leather production, and parts thereof</b>	..		<b>*30 673</b>
446.13	Industrial machinery for the textile fibre and textile manufacturing and treatment industry n.e.c. and parts thereof (including for the production and handling of yarns, for weaving, knitting, dyeing, washing and dry cleaning textiles)	..		*30 673
<b>447</b>	<b>Weapons and ammunition and parts thereof</b>	..		<b>n.p.</b>

(a) Value shown against item 445.90 is for 445.18 and 445.90 combined.



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>448</b>	<b>Domestic appliances and parts thereof</b>			<b>1 804 053</b>
448.11	Domestic refrigerators, electric (including combination refrigerator-freezers), for sale or transfer out to retailers or wholesalers, or as direct installations (include installation charges)			
448.11.01	Single door (AS 1430 - classes 1,2,3)			
448.11.02	Twin door (including side by side)			
448.11.02.10	Frost free (AS 1430 - class 5)	561	'000	329 364
448.11.02.90	Other (AS 1430 - class 4)			
448.12	Deep-freezers, household type (electric or other)			
448.13	Dishwashing machines and clothes or linen washing or drying machines, household type, electric or non-electric			
448.13.01	Household or laundry-type washing machines (including machines which both wash and dry), each of a dry linen capacity up to 10 kg			
448.13.02	Clothes drying machines, each of a dry linen capacity up to 10 kg (excluding of 449.01)	636	'000	285 155
448.13.03	Dish washing machines of the household type			
448.15	Hoods having a maximum horizontal side not exceeding 120 cm			
448.16	Fans, domestic, with self-contained electric motor of an output not exceeding 125 W	*776	'000	*40 216
448.17	Electric blankets; other small electric domestic appliances (including vacuum cleaners, kitchen waste disposers, food mixers, shavers, hair dryers, smoothing irons, coffee makers and toasters)			
448.17.02	Vacuum cleaners and floor polishers, electro-mechanical, domestic, with a self-contained electric motor; food grinders and mixers; fruit or vegetable juice extractors, electro-mechanical, domestic; other electro-mechanical domestic appliances with self-contained electric-motor			*109 505
448.17.03	Electric kettles	n.p.		
448.17.04	Electro-thermic domestic appliances n.e.c. (e.g. smoothing irons, electric blankets, hair dryers, toasters, frypans and coffee or tea makers)			*78 008
448.18	Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; ovens; cookers, cooking plates, boiling rings, grillers and roasters			
448.18.01	Electric domestic cooking stoves, ovens, ranges, boiling rings, grillers and roasters			
448.18.01.11	Ranges (at least one hotplate and at least one oven separately heated), fixed and other (total rating not exceeding 15 kW)	253	'000	151 631
448.18.01.12	Wall ovens			
448.18.01.13	Cook tops	86	'000	36 711
448.18.04	Electric space heating apparatus (excluding for motor vehicles) and electric soil heating apparatus	178	'000	22 067
448.22	Non-electric domestic cooking appliances, of iron or steel (e.g. kitchen stoves, ranges, cookers, barbecues, braziers, gas-rings) and plate warmers			
448.22.12	Gas cooking stoves, ovens and ranges			
448.22.12.11	Standard town gas			
448.22.12.12	LP and TLP gas	618	'000	171 058
448.22.12.90	Other (i.e. natural gas)			
448.22.90	Other			
448.23	Non-electric, domestic heaters, grates, wash boilers and stoves (excluding cooking appliances)			
448.23.11	Solid fuel space heaters	*50	'000	*27 109
448.23.12	Gas fires and space heaters	*153	'000	*87 075
448.23.13	Warm air furnaces			
448.23.90	Other	43	'000	24 967
448.26	Water heaters, instantaneous or storage, non-electric			
448.26.01	Instantaneous gas water heaters			
448.26.02	Other instantaneous or storage water heaters, non-electric			
448.26.02.11	Gas	*356	'000	174 436
448.26.02.12	Solar			
448.26.02.90	Other			
448.27	Parts of the following appliances; electro-mechanical domestic appliances, shavers and hairclippers, with self-contained electric motor; electric instantaneous or storage water heaters, immersion heaters, space heating apparatus and soil heating apparatus; electro-thermic hair-dressing apparatus and hand dryers; electric smoothing irons; other electro-thermic appliances of a kind used for domestic purposes			
448.27.11	Parts of electric instantaneous, storage and immersion water heaters			*45 393
448.90	Domestic appliances and parts thereof, n.e.c.			*100 937

ANZSOC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$000
<b>449</b>	<b>Other special purpose machinery and parts thereof</b>	..		<b>345 899</b>
449.03	Machinery n.e.c. for working rubber or plastics or for the manufacture of products from these materials	..		*50 907
449.04	Moulding boxes for metal foundry; mould bases; moulding patterns; moulds for metal (excluding ingot moulds), metal carbides, glass, mineral materials, rubber or plastics	**1 016	'000	*35 805
449.05	Machinery for making pulp of fibrous cellulosic material or for making or finishing paper or paperboard; machinery (excluding book-binding machinery) for making up paper pulp, paper or paperboard; parts thereof	..		25 800
449.06	Book-binding machinery; machinery for type-setting and the like; printing machinery and machines for uses ancillary to printing (excluding office type sheet fed offset printing machinery); parts thereof	..		*66 097
449.06.02	Printing machinery and parts	..		
449.07	Parts n.e.c. of dish washing machines; parts of machinery for cleaning or drying bottles or other containers; parts of machinery for filling, closing, sealing, capsuling or labelling bottles, cans, boxes, bags or other containers and of machinery for aerating beverages; parts of other packing or wrapping machinery	..		32 895
449.08	Machinery, apparatus for isotopic separation and parts thereof; machinery for glass enveloped electric or electronic items, or for manufacturing or hot working glass or glassware and parts thereof; machinery and parts thereof, n.e.c.	..		*19 904
449.90	Other special purpose machinery and parts thereof, n.e.c.	..		*114 320
<b>45</b>	<b>Office, accounting and computing machinery</b>			
<b>451</b>	<b>Office and accounting machinery, and parts and accessories thereof</b>	..		<b>*20 110</b>
451.04	Automatic typewriters and word-processing machines; other typewriters; other office machines (including hectograph or stencil duplicating machines, addressing machines, automatic bank-note dispensers, coin-counting machines, pencil-sharpening machines, and perforating or stapling machines)	*10	'000	*13 471
<b>452</b>	<b>Computing machinery and parts and accessories thereof</b>	..		<b>831 841</b>
452.01	Digital ADP machines, containing in the same housing at least a CPU and an input and output unit	199	'000	593 231
452.04	Storage units for ADP, whether or not presented with the rest of a system	**16	'000	*12 833
452.05	Analogue or hybrid ADP machines; other computing machinery (including magnetic or optical readers and machines for transcribing data onto data media)	..		*51 426
452.06	Parts and accessories for the goods of 452.01 to 452.05 (excluding covers, carrying cases and the like)	..		*168 788
<b>46</b>	<b>Electrical machinery and apparatus</b>			
<b>461</b>	<b>Electric motors, generators and transformers, and parts thereof</b>	..		<b>373 522</b>
461.11	Motors of an output not exceeding 37.5 W; other DC motors; DC generators			
461.11.11	Single phase AC electric motors (excluding flameproof and universal AC/DC motors), up to and including 37.5 W	968	'000	57 467
461.11.12	Universal (AC-DC) motors, up to and including 37.5 W	*41	'000	*31 185
461.11.13	DC motors and generators (excluding for aircraft, motor vehicles, off-highway trucks, materials handling trucks and tractors; also excluding generating sets)			
461.11.13.02	Over 37.5 W up to and including 750 W	***2	'000	14 745
461.11.13.03	Over 750 W up to and including 75 kW	..		
461.14	Electrical transformers			
461.14.01	Electrical transformers, for transmission and distribution of power, up to and including 63 kVA			
461.14.01.01	Single phase (no.)	**42 771	no.	23 650
461.14.01.02	Single phase (total kVA)	64 698	kVA	See 461.14.01.01
461.14.01.03	Multi phase (no.)	**4 724	no.	13 512
461.14.01.04	Multi phase (total kVA)	89 985	kVA	See 461.14.01.03
461.14.02	Electrical transformers, for transmission and distribution of power over 63 kVA			
461.14.02.01	Over 63 kVA up to and including 500 kVA (no.)	*4 918	no.	52 945
461.14.02.02	Over 63 kVA up to and including 500 kVA (total kVA)	967 937	kVA	See 461.14.02.01

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
461.14.02.03	Over 500 kVA up to and including 1,000 kVA (no.)	**897	no.	20 024
461.14.02.04	Over 500 kVA up to and including 1,000 kVA (total kVA)	*675 302	kVA	See 461.14.02.03
461.14.02.05	Over 1,000 kVA up to and including 10,000 kVA (no.)	***1 483	no.	52 478
461.14.02.06	Over 1,000 kVA up to and including 10,000 kVA (total kVA)	(a) kVA		See 461.14.02.05
461.14.02.07	Over 10,000 kVA (no.)	**121	no.	53 513
461.14.02.08	Over 10,000 kVA (total kVA)	(a)*5 978 128	kVA	See 461.14.02.07
461.14.04	Electrical transformers for purposes other than transmission and distribution of power and discharge lighting and signs			
461.14.04.01	Up to and including 1 kVA	***302 915	no.	11 239
461.14.04.02	Over 1 kVA	***13 643	no.	10 677
461.16	Parts n.e.c. suitable for use solely or principally with electric motors, generators, rotary converters or generating sets (excluding for aircraft, motor vehicles, off-highway trucks, materials handling trucks, tractors, motor cycles or golf cars)			27 583
461.90	Electric motors, generators and transformers, and parts thereof, n.e.c.			
462	<b>Electricity distribution and control apparatus, and parts thereof</b>			<b>1 071 655</b>
462.01	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, for a voltage exceeding 1,000 V; electrical apparatus for switching or protecting electrical circuits, for making connections to or in electrical circuits, for a voltage not exceeding 1,000 V			
462.01.02	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)			
462.01.03	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, 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 cars)			811 222
462.02	Boards, consoles, cabinets and other bases, equipped with electrical switching etc. apparatus, for electric control or the distribution of electricity; parts of electricity distribution or control apparatus			260 434
463	<b>Insulated wire and cable; optical fibre cables</b>			<b>1 133 946</b>
463.13	Wiring harnesses for cycles or motor vehicles			26 970
463.14	Other electric conductors, insulated (including enamelled and anodised) wire, cable and other insulated electrical conductors (excluding ignition wiring sets and wiring harnesses for aircraft, motor vehicles or ships)			
463.14.01	Insulated automotive low voltage cables, wire etc.	n.p.		68 232
463.14.02	Insulated wire, cables, etc. for power transmission and distribution (including household and building wires, cords etc.)			
463.14.02.01	Copper, paper insulated (copper content)	n.p.		67 884
463.14.02.02	Copper, insulated with other than paper (copper content)	n.p.		315 881
463.14.02.03	Other than copper (e.g. aluminium)	*12 '000 t		56 344
463.14.03	Other insulated wire, cables, etc. (e.g. for communications, electronics and appliances)	n.p.		598 634
464	<b>Accumulators, primary cells and primary batteries, and parts thereof</b>			<b>211 394</b>
464.11	Primary cells and primary batteries (non-rechargeable batteries)			
464.12	Electric accumulators			
464.12.01	Lead-acid batteries— dry charged and wet cell (i.e. secondary rechargeable)			
464.12.01.11	S.L.I. automotive 6 V, new			
464.12.01.12	S.L.I. automotive 12 V, new			
464.12.01.13	Traction (fork lifts, mining etc.) 2 V cells, new	n.p.		207 356
464.12.01.14	Semi-traction and commercial 2 V cells, new (including home lighting, solar power)			
464.12.01.15	Stationary or stand-by 2 V cells, new (telecommunications, U.P.S., etc.)			
464.12.01.90	Other (including all rebuilt batteries and motor cycle batteries)			
464.12.02	Alkaline batteries, rechargeable (i.e. secondary type)			

(a) Quantity shown against item 461.14.02.08 is for 461.14.02.06 and 461.14.02.08 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>465</b>	<b>Electric filament or discharge lamps; arc lamps; lighting equipment; parts thereof</b>			
	<b>NOTE: Flashbulbs, flashcubes and the like, whilst falling within the bounds of 465, are reported as part of item 483.23.05 for ease of reporting</b>	..		<b>482 536</b>
465.11	Bulbs and tubes etc. for electric filament or discharge lamps (including sealed beam lamp units, ultra-violet lamps and infra-red lamp units) (excluding for motor vehicles)			
465.11.01	Domestic			
465.11.01.01	Filament	n.p.		143 401
465.11.01.02	Fluorescent tubes			
465.11.02	Non domestic			
465.11.02.10	Cold lighting (neon signs, etc.)	..		*70 217
465.11.02.90	Other (including sealed beam lamp units and units for infra-red, ultra-violet, or arc lamps) (excluding sealed beam lamp units for motor vehicles included against 465.13)	..		*33 672
465.14	Lighting equipment			
465.14.02	Lamps and lighting fittings (excluding for cycles or motor vehicles; illuminated signs, name-plates and the like)			
465.14.02.11	Portable electric lamps designed to function by their own source of energy (e.g. dry batteries, accumulators or magnetos) (excluding lighting equipment of 469.13 and 469.90)	..		*11 445
465.14.02.12	Indoor incandescent lighting	..		*46 588
465.14.02.13	Indoor fluorescent lighting	..		58 278
465.14.02.14	Other indoor lighting (e.g. discharge, excluding fluorescent; arc-lighting)	..		**13 512
465.14.02.21	Illuminated signs, illuminated name-plates and the like having a permanently fixed light source	..		*87 318
<b>469</b>	<b>Other electrical equipment and parts thereof</b>	..		<b>546 697</b>
469.11	Starting and ignition equipment (e.g. starter motors, ignition coils, distributors) and alternators, for internal combustion engines for motor vehicles, off-highway trucks, materials handling trucks and tractors (including for motor cycles, motor scooters, auto-cycles, go-carts and golf cars)	..		
469.12	Spark plugs (all types)	n.p.		
469.13	Electrical equipment for motor cycles or motor vehicles, n.e.c. (e.g. windscreen wipers) (excluding electric motors, wiring harnesses)	..		243 856
469.14	Heaters, defrosters and demisters, for motor vehicles, off-highway trucks, materials handling trucks and tractors	..		
469.15	Lighting or visual signalling equipment for cycles or motor vehicles n.e.c.; sound signalling equipment for cycles or motor vehicles	..		
469.16	Alarm systems, electric or electronic, and parts thereof	..		*42 257
469.22	Electrical machinery and equipment and parts thereof, n.e.c. (excluding particle accelerators, wiring sets for ships, hair clippers, electric accumulators)	..		249 935
<b>47</b>	<b>Radio, television and communication equipment and apparatus</b>			
<b>471</b>	<b>Electronic valves and tubes; electronic components; parts thereof</b>	..		<b>339 176</b>
471.01	Electrical capacitors, fixed, variable or adjustable (pre-set) (excluding integrated circuits, printed circuits)	..		
471.03	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)	*9 754 '000		*175 856
471.04	Thermionic, cold cathode or photo-cathode valves and tubes (including cathode ray tubes); diodes, transistors and similar semi-conductor devices; photosensitive semi-conductor devices; light emitting diodes; mounted piezo-electric crystals			
471.04.01	Solar cells (photovoltaic cells); cells reported, if made up into panels of modules	n.p.		
471.04.02	Electronic valves and tubes (e.g., cathode ray tubes); photocells (excluding solar cells); mounted piezo-electric crystals; semi-conductor devices n.e.c. (e.g., diodes); light-emitting diodes, liquid crystal displays; and parts thereof	..		*67 911
471.05	Electronic integrated circuits and microassemblies (excluding printed circuits)	**22 million		*30 063
471.08	Parts for: semi-conductor devices, diodes, piezo-electric crystals, electronic integrated circuits and micro-assemblies	..		**65 346

ANZSOC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>472</b>	<b>Television and radio transmitters and apparatus for line telephony or telegraphy; parts and accessories thereof</b>	..		<b>1 769 914</b>
<b>472.11</b>	Transmission apparatus for radio-telephony, radio-telegraphy, radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus	..		
472.11.01	Transmission apparatus	..		451 206
472.11.02	Transmission apparatus incorporating reception apparatus	..		
472.11.02.10	Cellular telephones	(a)		(a)
472.11.02.90	Other transmission apparatus incorporating reception apparatus (e.g. facsimile radio-telegraphic machines)	..		187 370
472.12	Electrical apparatus for line telephony or line telegraphy	..		
472.12.01	Carrier telephone/telegraph equipment	..		141 337
472.12.02	Main exchange switching equipment	..		470 655
472.12.03	Electronic switchboards	..		
472.12.03.10	Processor or micro processor control	..		112 904
472.12.03.90	Other	..		*27 865
472.12.04	Data modem equipment/multiplexors	..		136 676
472.12.05	Keyphones (excluding radio-telephony such as car phones)	(a)47 '000		(a)147 034
472.12.06	Telephones, complete (excluding keyphones and telephones operating by radio-telephony such as car phones)	n.p.		94 866
472.12.07	Other (e.g. teleprinters, telephone line facsimile machines)	..		
<b>473</b>	<b>Radio broadcast and television receivers; apparatus for sound and video recording and reproducing; microphones, loudspeakers, amplifiers, etc.; reception apparatus for radio-telephony or radio-telegraphy</b>	..		<b>157 894</b>
<b>473.11</b>	Radio broadcast receivers (excluding of a kind used in motor vehicles), including apparatus capable of also receiving radio-telephony or radio-telegraphy, whether or not combined with sound recording or reproducing apparatus or a clock; radio broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, including apparatus capable of also receiving radiotelephony or radio-telegraphy	..		
473.11.90	Other (e.g. car radio/radio-cassette players, receivers combined with sound recording or reproducing apparatus, clock radios)	..		(b)
<b>473.12</b>	Television receivers, colour (including video monitors and video projectors), whether or not combined, in the same housing, with radio-broadcast receivers or sound or video recording or reproducing apparatus	..		
473.12.02	Equal to or greater than 38 cm but less than 48 cm	151 '000		51 509
473.12.03	Equal to or greater than 48 cm but less than 53 cm			
473.12.04	Equal to or greater than 53 cm but less than 62 cm			
473.12.05	Equal to or greater than 62 cm but less than 70 cm	72 '000		56 788
473.16	Loudspeakers	..		(b)
473.90	Microphones, and stands therefor; headphones, earphones and combined microphone/speaker sets; electric sound amplifier sets; reception apparatus for radio-telephony or radio-telegraphy; record players n.e.c.	..		(b)*49 597
<b>474</b>	<b>Parts for radio, television, communication and radar equipment</b>	..		<b>45 243</b>
474.11	Parts for electrical apparatus for line telephony or line telegraphy	..		16 109
474.12	Parts for outdoor and loft television antennae	**882	000	*23 837
<b>475</b>	<b>Audio and video records and tapes</b>	..		<b>506 767</b>
<b>475.01</b>	Prepared unrecorded media for sound recording or similar recording of other phenomena (excluding cinematographic film)	..		
475.01.10	Magnetic tapes for sound recording or similar recording of other phenomena	n.p.		**35 115
<b>475.02</b>	Records, tapes and other recorded media for sound or other similarly recorded phenomena (excluding cinematographic film)	..		
475.02.01	Magnetic tapes, recorded	..		
475.02.01.11	Pre-recorded audio cassette tapes, singles	**3 679	'000	6 010
475.02.01.12	Pre-recorded audio cassette tapes (excluding singles)	**26 011	'000	25 634
475.02.01.90	Other magnetic tapes (including video tapes)	*72 781	'000	290 515
475.02.03	Recorded media, n.e.c.	..		
475.02.03.10	Compact audio discs (CDs)	**33 681	'000	121 385
475.02.03.90	Other	..		28 108

(a) Quantity and value shown against item 472.12.05 are for 472.11.02.10 and 472.12.05 combined.

(b) Value shown against item 473.90 is for 473.11.90, 473.16 and 473.90 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>48</b>	<b>Medical appliances, precision and optical instruments, watches and clocks</b>			
<b>481</b>	<b>Medical and surgical equipment and orthopaedic appliances</b>	..		<b>420 302</b>
481.14	Other instruments and appliances used in dental sciences (excluding syringes, needles and the like)	..		*20 171
481.15	Medical, surgical or laboratory sterilizers	**340	no.	(a)
481.16	Syringes, needles, catheters, cannulae and the like	..		*13 496
481.17	Ophthalmic instruments and appliances, n.e.c.	..		**18 028
481.18	Other instruments and appliances used in medical, surgical or veterinary sciences			
481.18.10	Artificial kidney (dialysis) apparatus	n.p.		(a)
481.18.90	Other	..		(a)124 484
481.22	Other breathing appliances and gas masks (excluding protective masks having neither mechanical parts nor replaceable filters)	..		(b)
481.23	Orthopaedic appliances; splints and other fracture appliances; artificial parts of the body; hearing aids and other appliances which are worn or carried, or implanted in the body, to compensate for a defect or disability			
481.23.11	Hearing aids (excluding parts and accessories)	*4 862	'000	*109 229
481.23.90	Other (e.g. artificial teeth and dental fittings, other artificial parts of body, orthopaedic or fracture appliances)	..		(b)97 753
481.24	Furniture for medical, dental, surgical or veterinary purposes other than of, or predominantly of, sheet metal (including seating) (excluding dentists' chairs with mechanical functions)			
481.24.01	Complete	..		*28 314
<b>482</b>	<b>Instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments; industrial process control equipment; parts and accessories thereof</b>	..		<b>689 316</b>
482.11	Radar apparatus, radio navigational aid apparatus and radio remote control apparatus	..		154 240
482.13	Gas, liquid or electricity supply or production meters			
482.13.01	Gas meters			
482.13.02	Liquid meters	1 033	'000	112 764
482.13.03	Electricity meters			
482.14	Parts and accessories of gas, liquid or electricity meters			
482.14.01	For gas or liquid meters	..		*11 633
482.17	Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances (excluding compasses); range finders; parts and accessories thereof	..		*20 866
482.21	Instruments and similar apparatus (mechanical, electrical or electronic) for motor vehicles, off-highway trucks, materials handling trucks and tractors, for motor cycles, motor scooters, auto cycles, go-carts and golf cars (e.g. petrol gauges, ammeters, voltmeters) (excluding taximeters, tachometers, pressure gauges and clocks, also excluding dashboards, complete with instruments)			
482.22	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	..		357 833
482.31	Measuring or checking instruments, appliances and machines and parts thereof, n.e.c. (excluding designed purely for demonstrational purposes, also excluding for motor vehicles, off-highway trucks, materials handling trucks and tractors)	..		18 484
482.90	Instruments and appliances for measuring, checking, testing, navigating and other purposes and parts and accessories thereof, n.e.c. (excluding optical instruments)			

(a) Value shown against item 481.18.90 is for 481.15, 481.18.10 and 481.18.90 combined.

(b) Value shown against item 481.23.90 is for 481.22 and 481.23.90 combined.

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
<b>483</b>	<b>Optical instruments and photographic equipment, and parts and accessories thereof</b>			
	<b>NOTE: Flashbulbs, flashcubes and the like, whilst falling within the bounds of 465, are reported as part of item 483.23.05 for ease of reporting</b>			<b>705 934</b>
483.11	Photographic plates and film and instant print film, sensitised, unexposed; chemical products for photographic uses (excluding varnishes, adhesives and the like)			
483.11.01	Photographic plates and film and instant print film, sensitised, unexposed			
483.11.02	Chemical preparations for photographic uses (excluding varnishes, adhesives and the like); unmixed products for photographic uses, put up in measured portions or put up for retail sale ready for use (e.g. emulsions, developers, fixers, intensifiers, reducers, toners, cleaning agents)			479 362
483.12	Spectacles, goggles and the like, corrective, protective or other			
483.12.10	Safety eyewear (industrial, sporting)	n.p.		*21 347
483.13	Frames and mountings for spectacles, goggles or the like			
483.13.10	Spectacle frames, mountings and parts			
483.14	Image projectors and parts and accessories thereof (including film or slide projectors, microform readers)			
483.15	Photographic processing apparatus, parts and accessories thereof			*21 518
483.16	Other photographic and cinematographic laboratory equipment and apparatus (including cinematographic processing apparatus) and projection screens, and parts thereof			
483.18	Spectacle lenses of glass			
483.18.10	Ophthalmic powered	**1 008	'000	*11 085
483.21	Spectacle lenses of other materials			
483.21.10	Ophthalmic powered	n.p.		71 182
483.23	Filters; mounted optical elements, n.e.c.			
483.23.01	Optical fibres, fibre bundles and cables (excluding cables with individually sheathed fibres)	483 678	km	82 225
483.23.04	Lasers and parts and accessories (excluding laser diodes, also excluding lasers adapted to perform specific functions such as working machines, medical, control and measuring apparatus)			**10 711
<b>484</b>	<b>Watches and clocks, and parts thereof</b>			<b>**4 292</b>
484.10	Watches (including watch movements, watch cases); clocks (including precision instruments, electrically powered types, etc.)			**4 292
<b>49</b>	<b>Transport equipment</b>			
<b>491</b>	<b>Motor vehicles, trailers and semi-trailers; parts and accessories thereof</b>			<b>9 425 331</b>
491.01	Road tractors for semi-trailers			
491.01.01	Prime movers for semi-trailers, complete, assembled (including assembled from kits) (excluding semi-trailers)	5 743	no.	628 884
491.01.02	Prime-movers for semi-trailers, complete, unassembled			
491.02	Public-transport type passenger motor vehicles			
491.02.01	Passenger motor vehicles for 10 persons or more, complete, assembled (including assembled from kits) (excluding the trailed components or articulated vehicles)	512	no.	119 669
491.03	Motor cars and other motor vehicles principally designed for the transport of less than 10 persons (including station wagons and racing cars) (excluding public-transport type vehicles)			
491.03.01	Assembled cars			
491.03.02	Assembled station wagons	315 325	no.	6 409 638
491.04	Motor vehicles for the transport of goods and special purpose motor vehicles			
491.04.01	Assembled motor vehicles for the transport of goods			
491.04.01.90	Other motor vehicles for goods and materials (including utilities and panel vans) (excluding semi-trailers, and the trailed components of other articulated vehicles)	8 518	no.	161 936
491.04.02	Assembled special purpose motor vehicles (e.g. breakdown lorries, crane lorries, fire fighting vehicles, concrete-mixers lorries, road sweeper lorries, spraying lorries, mobile workshops, mobile radiological units) (excluding designed primarily for the transport of persons or goods)	1 201	no.	77 656
491.04.03	Unassembled motor vehicles, complete			

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
491.05	Parts and accessories of motor vehicles n.e.c.			
491.05.02	Other parts and accessories n.e.c. of motor vehicles (including brakes, gear boxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, clutches, steering wheels, steering columns, steering boxes, and parts thereof)			
491.05.02.12	Road wheels for motor vehicles, off-highway trucks and materials handling trucks	n.p.		222 862
491.05.02.13	Rear axles and driving axles, with differentials and attached brake assemblies	..		
491.05.02.14	Other transmission components, external to engines (e.g. clutches, gearboxes, drive shafts, reduction gear assemblies, universal joints)	..		226 868
491.05.02.15	Brakes, assemblies (shoe, segment, disc, etc.) and servo-brakes; parts thereof	..		340 698
491.05.02.16	Safety (seat) belts, harnesses and netting (including child seats and bassinet anchoring systems)	..		
491.05.02.17	Mufflers and exhaust pipes (including catalytic converters and headers/extractors)	..		206 073
491.05.02.90	Other parts and accessories (excluding mufflers, exhaust pipes, bodies, cabs, electrical parts, instruments, engine parts, pulleys, bearings, springs, pumps, hoists, jacks, tyres and tubes)	..		1 030 137
<b>492</b>	<b>Bodies (coachwork) for motor vehicles; trailers and semi-trailers; parts and accessories thereof</b>			<b>855 391</b>
492.11	For goods and materials vehicles			
492.11.01	For vans (excluding panel vans)			
492.11.01.11	Refrigerated	*192	no.	5 691
492.11.01.12	Insulated (chiller)	*188	no.	3 607
492.11.01.90	Other (including dry freight)	*2 498	no.	26 006
492.11.02	For trucks (excluding utilities)			
492.11.02.11	Tray	*11 482	no.	33 253
492.11.02.12	Tipper	*2 447	no.	26 880
492.11.02.90	Other	**1 557	no.	25 353
492.11.03	Other, for goods and materials (including for utilities and panel vans)	5 562	no.	12 504
492.12	For passenger vehicles for 10 persons or more	558	no.	50 550
492.13	Other (e.g. passenger vehicles for less than 10 persons, ambulances, fire engines, motor campers, mobile libraries, mobile workshops)	648	no.	16 249
492.16	Containers specially designed and equipped for carriage by one or more modes of transport			
492.16.02	Metal freight containers (excluding stock crates) specially designed and equipped for carriage by road, rail, sea and/or air	*47 677	no.	*21 404
492.17	Trailers and semi-trailers of the caravan type, for housing or camping; other trailers and semi-trailers (including trailers and semi-trailers for the transport of goods) (excluding self-loading or self-unloading trailers and semi-trailers for agricultural purposes)			
492.17.11	Caravans of the private or domestic type, for trailing by motor vehicles (including the trailed components of articulated caravans, both semi-trailer and other) (excluding motor campers) Note: Excludes the length of towbar			
492.17.11.01	Body length 4.6 m and under	**1 012	no.	11 507
492.17.11.02	Body length over 4.6 m up to and including 5.2 m	**1 028	no.	12 344
492.17.11.03	Body length over 5.2 m up to and including 6.1 m	2 306	no.	31 743
492.17.13	Semi-trailers for motor vehicles (including skeletal type), for the transport of goods and materials			
492.17.13.11	Flat top	*1 302	no.	35 752
492.17.13.12	Curtain-sided	773	no.	32 498
492.17.13.13	Tanker	n.p.		29 856
492.17.13.14	Low loader	**146	no.	13 588
492.17.13.15	Van, refrigerated	372	no.	36 627
492.17.13.17	Van, other (including dry freight)			
492.17.13.18	Tipper (excluding designed specifically for agricultural purposes)	*778	no.	33 778
492.17.14	Trailers (including complete kits), for the transport of goods and materials, for motor vehicles			
492.17.14.01	Box type, two wheel, under 1 tonne capacity	**20 490	no.	15 428
492.17.14.02	Boat type, two wheel	**6 084	no.	9 799
492.17.14.03	Other (e.g. horse floats, agricultural, commercial; including the trailed components of articulated vehicles other than semi-trailers)	*5 262	no.	23 806



ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
492.18	Body panels, produced for sale or transfer out as such, for motor trucks, off-highway trucks, materials handling trucks and buses	..		11 189
492.21	Body panels for motor vehicles (excluding for motor trucks, off-highway trucks and materials handling trucks and buses)	..		228 426
492.22	Parts of trailers and semi-trailers; parts of other vehicles, not mechanically propelled	..		70 051
493	<b>Ships</b> <b>NOTE: Inflatable craft other than rafts, whilst falling within the bounds of 493, reported as part of item 494.02 for ease of reporting.</b> <b>Apart from 493.21, long term contracts reported as the total amount of progress payments billed during the year and quantity reported as the number of vessels completed during the year, irrespective of when commenced</b>	..		<b>1 302 540</b>
493.11	Cruise ships, excursion boats and similar vessels, principally designed for the transport of persons; ferry boats of all kinds			
493.11.01	Of less than 50 tonnes displacement (including hovercraft and hydrofoils)	**47	no.	**2 380
493.11.02	Of 50 tonnes or more displacement	52	no.	162 289
493.14	Other vessels for the transport of goods and other vessels for the transport of both persons and goods			
493.14.02	Of 50 tonnes or more displacement	24	no.	60 411
493.15	Fishing vessels; factory ships and other vessels for processing or preserving fishery products			
493.15.01	Less than 50 tonnes displacement	*217	no.	25 037
493.15.02	50 tonnes or more displacement			
493.17	Other vessels (including warships and life boats and other rowing boats)			
493.17.01	Of less than 50 tonnes displacement	1 057	no.	1 033 126
493.17.02	Of 50 tonnes or more displacement	11	no.	
493.21	Light vessels, fire-floats, floating cranes and other vessels, the navigability of which is subsidiary to their main function, n.e.c.	4	no.	19 297
494	<b>Pleasure and sporting boats</b> <b>NOTE: Inflatable craft other than rafts, whilst falling within the bounds of 493, reported as part of item 494.02 for ease of reporting</b>	..		<b>142 218</b>
494.01	Sailboats, non-inflatable, with or without auxiliary motor; non-inflatable rowing boats and canoes and vessels for pleasure or sport, n.e.c.			
494.01.01	Small boats for pleasure or sport of less than 5 tonnes displacement (including rowing boats and canoes, excluding cruise vessels, ferry boats and inflatable vessels) constructed of, or predominantly of			
494.01.01.11	Fibreglass	*6 326	no.	82 639
494.01.01.12	Aluminium	*11 843	no.	31 812
494.01.02	Yachts and other vessels for pleasure or sport of 5 tonnes displacement or more, constructed of, or predominantly of			
	<i>Note: Long term contracts reported as the total amount of progress payments billed during the year; quantity reported as the number of vessels completed during the year, irrespective of when commenced</i>			
494.01.02.11	Fibreglass	*113	no.	16 494
495	<b>Railway and tramway locomotives and rolling stock, and parts thereof</b>	..		<b>836 073</b>
495.11	Rail locomotives and locomotive tenders			
495.11.01	Rail locomotives powered from an external source of electricity or by electric accumulators (excluding parts and underframes for sale or transfer out as such) <i>Note: Quantity reported as units actually completed during the year, including units assembled partly or wholly from purchased components</i>			
495.11.02	Diesel-electric locomotives			
495.12	Self-propelled railway or tramway coaches, vans and trucks (excluding maintenance or service vehicles)	156	no.	689 781
495.13	Other rolling stock; railway or tramway track fixtures and fittings; mechanical traffic control equipment for transport facilities			
495.13.01	Railway or tramway maintenance or service vehicles, whether or not self-propelled (e.g. workshops, cranes, ballast tampers, track-liners, testing coaches and track inspection vehicles)			
495.13.02	Railway or tramway passenger coaches, luggage vans, post office coaches, freight cars and wagons and other special purpose railway or tramway coaches, not self-propelled (excluding maintenance or service vehicles)	n.p.		

ANZSCC code	Commodity description	Quantity produced		Value of sales & transfers out
		Quantity	Unit	\$'000
495.14	Parts of railway or tramway locomotives or rolling stock; railway or tramway track fixtures and fittings, and parts thereof; mechanical (including electro-mechanical) signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields, and parts thereof			
495.14.01	Railway or tramway track fixtures and fittings; mechanical (including electro-mechanical) signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields; parts thereof			10 474
495.14.02	Parts of the railway or tramway locomotives or rolling stock of 495.11 to 495.13			
495.14.02.10	Forged tyres and wheels of iron or steel	n.p.		
495.14.02.90	Other			135 818
495.90	Railway and tramway locomotives and rolling stock, and parts thereof, n.e.c.			
496	<b>Aircraft and spacecraft and parts thereof</b>			<b>283 673</b>
496.10	Total amount received/receivable during the year in the production of aircraft parts			
	Note: In the case of long term contracts, reported as progress payments billed during the year, instead of the value of deliveries			263 325
496.90	Aircraft and spacecraft, and parts thereof, n.e.c.			*20 348
499	<b>Other transport equipment and parts thereof</b>			<b>34 721</b>
499.13	Invalid carriages, whether or not motorized or otherwise mechanically propelled	5 690	no.	17 278
..	<b>VALUE OF MANUFACTURING ITEMS NOT CLASSIFIABLE TO INDIVIDUAL COMMODITY CODES</b>			<b>549 097</b>

# EXPLANATORY NOTES

## INTRODUCTION

- 1** This publication presents statistics of the principal commodities manufactured in Australia, compiled from a survey of manufacturing establishments for 1993-94. The sample for this survey was drawn from the population of the manufacturing census of that year.
- 2** The manufacturing collection is conducted on an annual basis. For the 1993-94 collection, businesses were requested to provide data on employment, wages and salaries and turnover for each manufacturing establishment. A sample of approximately 18,000 establishments was asked to supply additional information on commodities produced and sold. The data from this sample are contained in this publication.
- 3** Details of principal commodities produced were previously collected in the 1989-90 and 1986-87 manufacturing censuses. In years prior to 1986-87, they were collected annually (except for 1985-86, when no census was conducted).
- 4** Items are identified by the commodity codes which are aligned with the Australian and New Zealand Standard Commodity Classification (ANZSCC). This classification is significantly different to the Australian Standard Commodity Classification (ASCC) used in the 1989-90 census and the commodity classifications used earlier. For further information regarding the ANZSCC, see the publication *Australian and New Zealand Standard Commodity Classification (ANZSCC)* (Cat. no. 1254.0).
- 5** The information on manufacturing commodities in this publication are shown under two headings — *Quantity produced* and *Value of sales and transfers out*.

## SCOPE AND COVERAGE

- 6** The statistics in this publication relate to all manufacturing establishments which operated in Australia during the year ended 30 June 1994, except for those manufacturers not employing staff at 30 June 1994 (such as sole proprietorships or family partnerships) which had not registered as group employers with the Australian Taxation Office. Though a substantial number, these businesses would contribute only marginally to aggregate data were they to be included. Also excluded is the production of establishments predominantly engaged in non-manufacturing activities but which also undertake limited manufacturing activities. However, except for a few commodities, the effect of this on production levels is marginal. In addition, the ABS attempts to obtain data for those businesses which ceased operation during the year, but it is not possible to obtain data for all of them.
- 7** The information relates to commodities produced during the year and is shown for those commodities which can be measured in quantitative terms. As well as goods produced for sale, the figures cover commodities produced and transferred to other establishments of the management unit owning the producing establishment, (in a few cases) commodities produced and used within the same establishment, and commodities produced on commission for other businesses.

## EXPLANATORY NOTES *continued*

### STANDARD UNITS

#### Establishment

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

#### Manufacturing establishment

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

### COMMODITY ITEMS COLLECTED

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

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

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

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

**14** The 'units of quantity' mostly relate to transportable goods, but there are a few cases where they apply to non-transportable goods.

### PRODUCT 'MARKET' CONCEPT

**15** Generally, the statistics in this publication, along with corresponding imports and exports data, provide a good indicator of the size of the 1993-94 Australian market for a particular product.

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

## COMMISSION MANUFACTURING

**17** 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.

**18** As products can only be sold by their owner, only the owning establishment can report the value of sales (and transfers out) in the manufacturing collection. In the case of commission production, the owning establishment reports the sales of products made on commission for them but does not report the production. Conversely, the establishment which actually manufactures the products reports the production but reports no sales as it does not own them.

**19** Provided that the owning establishment is a manufacturing establishment and is, therefore, included in the manufacturing collection, there will be no gaps or overlaps in market measurement as a result of commission arrangements.

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

**21** 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 clothing and clothing accessories, non-ferrous metals smelting and meat processing.

## RELIABILITY OF ESTIMATES

### Sample error

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

**23** The standard error can also be expressed as a percentage of the estimate, and this is known as the relative standard error. The relative standard error for most of the quantity produced data contained in this publication is 9% or less, with the corresponding figure for value of sales and transfers out data 13% or less. Detailed relative standard errors can be made available on request.

### Non-sample error

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

## Non-sample error *continued*

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

## COMPARABILITY WITH PREVIOUS STATISTICS

**26** All data in this publication have been adjusted to allow for lags in processing new businesses to the ABS business register, and the omission of some businesses from the business register. First, adjustments have been made to allow for new businesses which had commenced operations but for which details had not been processed on to the ABS business register in time for inclusion in the annual manufacturing industry collection. The magnitude of these adjustments varies slightly over time, and so estimates of movement from one period to the next can be affected. Adjustments of this type will continue to be applied in future periods. Second, adjustments have been made for businesses which had been in existence for several years, but, for various reasons revealed by recent investigations, were not previously added to the ABS business register. The ABS is remedying these omissions, but they had led to results being understated by small amounts which increased over the period 1992 to 1994.

**27** The majority of businesses affected by these lags and omissions and to which both types of adjustments apply are small. As a guide, the effect on 1993-94 total Australian turnover is an adjustment of 2%.

**28** The 1993-94 manufacturing census introduced the ANZSCC into the manufacturing collection. This classification replaced the ASCC previously used (in the 1989-90 census). ANZSCC-based data for years prior to 1993-94 are not available. Similarly, ASCC-based data are not available after 1989-90.

## INFORMATION PAPER

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

## RELATED PUBLICATIONS

**30** Other ABS publications which may be of interest are:

- *Australian National Accounts: Input-Output Tables* (Cat. no. 5209.0)
- *Australian National Accounts: Input-Output Tables (Commodity Details)* (Cat. no. 5215.0)
- *Indexes of Industrial Production, Australia* (Cat. no. 8125.0)
- *Information Paper: Availability of Statistics Related to Manufacturing, 1996* (Cat. no. 8205.0), released on 21 March 1996
- *International Merchandise Trade, Australia* (Cat. no. 5422.0)
- *Manufacturing Industry, Australia, Preliminary, 1995-96* (Cat. no. 8201.0), released on 21 April 1997
- *Manufacturing Industry, Australia, 1993-94* (Cat. no. 8221.0), released on 18 October 1996
- *Manufacturing Industry, Australia, 1994-95* (Cat. no. 8221.0), released on 31 January 1997

## EXPLANATORY NOTES *continued*

### RELATED PUBLICATIONS *continued*

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

### SUBANNUAL COMMODITY DATA

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

### BACK DATA AND UNPUBLISHED STATISTICS

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

### ROUNDING

**34** Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.

## For more information . . .

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available from all ABS Offices.

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