

# **MANUFACTURING ESTABLISHMENTS**

**DETAILS OF OPERATIONS  
BY INDUSTRY CLASS, AUSTRALIA 1976-77**

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## EXPLANATORY NOTES

1. This bulletin presents statistics compiled from the Census of Manufacturing Establishments for 1976-77.

2. The period covered by the Annual Census is in general the twelve months ended 30 June. Where businesses find it impossible to supply information on this basis a substitute accounting period is used. These cases however, are relatively few and their inclusion is not thought to have any significant effect on the year under review or from year to year.

3. Commencing with the year ended June 1969 the annual manufacturing census has been conducted on an integrated basis with the annual mining census, and with the periodic censuses of electricity and gas, retail trade and wholesale trade and is thus on a different basis to those of earlier years.

4. In accordance with the Australian Standard Industrial Classification (ASIC) the basic census unit (referred to as the establishment) in respect of which statistics are collected in various industry censuses is in general a unit covering all the operations carried on under the ownership of the enterprise at a single physical location. For manufacturing censuses, a *manufacturing establishment* is thus one predominantly engaged in manufacturing activities, but the data collected for it covers (subject to certain exceptions mentioned below) all activities at the location, namely:

- The manufacturing activities primary to the industry class to which the establishment is classified.
- Any other manufacturing activities (i.e. production of commodities primary to another industry class).
- Any selling and distribution activities connected with the commodities manufactured.
- Any non-manufacturing activities (e.g. merchandising of goods not manufactured by the establishment, extraction of raw materials for use by the establishment).

The exception in general relates to locations where the subsidiary activities (in terms of gross value) exceed a specified value (currently \$2.1 million) which are treated for statistical purposes as two or more establishments corresponding to the various kinds of activity carried on.

5. The establishment statistics also include data relating to separately located administrative offices and ancillary units such as head offices, storage premises and manufacturers sales branches or sales offices serving the establishment and forming part of the business (enterprise) which owns and operates the establishment. It should be noted, however, that sales branches or offices which distribute to customers from stocks held by them are classified to the wholesale industry.

6. Beginning with the 1975-76 census only a limited range of data (i.e. employment and wages and salaries) is collected from single establishment enterprises with less than four persons employed.

As these small enterprises contribute only marginally to statistical aggregates, data in respect of the larger manufacturers provide reliable information for the evaluation of trends in the manufacturing sector of the economy.

7. Tables 1-9 relate to manufacturing establishments from which the full range of data is collected (i.e. all manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons

employed). Tables 10-21 show data for the restricted scope of establishments for 1974-75, 1975-76 and 1976-77 (as in Tables 1-9) but data for earlier years relate to all establishments regardless of size. Table 22 relates to single establishment manufacturing enterprises with less than four persons employed (i.e. enterprises from which only employment and wages and salaries data are collected).

### Definitions

8. The information shown in the tables for the various items defined below relates to establishments which operated at any time during the year unless otherwise stated.

**Number of establishments.** Relates to manufacturing establishments as such and does not include the numbers of separately located administrative offices and ancillary units.

**Persons employed.** Working proprietors and employees on payroll, including those working at separately located administrative offices and ancillary units.

**Wages and salaries.** The wages and salaries of all employees of the establishment, including those working at separately located administrative offices and ancillary units. Drawings of working proprietors are not included.

**Turnover. (a), (b).** Sales (exclusive of excise and sales tax) of goods whether produced by the establishment or not, plus transfer out of goods to other establishments of the same enterprise, plus bounties and subsidies on production, plus all other operating revenue (such as commission, repair and service revenue) plus capital work done for own use, or for rental or lease. Receipts from rent, leasing, interest royalties and the sale of fixed tangible assets are excluded.

**Stocks—opening and closing.** All the stocks of materials, fuels, etc. and finished goods and work-in-progress of the establishment whether located at the establishment or elsewhere.

**Purchases, transfers in and selected expenses. (a), (b).** Purchases of materials, fuel, power, containers, etc., plus transfers in of goods from other establishments of the enterprise, plus charges for commission and sub-contract work, repair and maintenance expenses, outward freight and cartage, motor vehicle running expenses and sales commission payments.

**Value added. (c), (d).** Turnover, plus increase (or less decrease) in the value of stocks, less purchases, transfers in and selected expenses.

**Rent and leasing expenses.** Outlay on rent and leasing of building, vehicles, machinery, plant and equipment.

**Fixed capital expenditure.** Outlay on new and second hand fixed tangible assets less disposals. Includes fixed capital expenditure on manufacturing establishments not yet in operation.

### Related Publications

9. Users may also wish to refer to the following manufacturing statistics publications which are available on request:

#### *Annual Manufacturing Census Publication—*

*Census of Manufacturing Establishments, Preliminary Statement, Summary of Operations by Industry Sub-division by State and Australia* (8201.0) which includes

details of employment, wages and salaries, turnover, stocks, purchases, value added and capital expenditure classified by industry sub-division.

*Manufacturing Establishments, Summary of Operations by Industry Class* (8202.0) which includes details of employment, wages and salaries, turnover, stocks, purchases, value added and capital expenditure classified by industry class.

*Manufacturing Commodities, Selected Principal Articles Produced* (8365.0) which includes preliminary details of the production (quantity) and sales and transfers out (quantity and value) of some 400 major commodities manufactured in Australia.

*Manufacturing Commodities, Principal Articles Produced* (8303.0) which includes details of the production (quantity) and sales and transfers out (quantity and value) of the principle articles (some 3,000 in all) produced by manufacturers in Australia.

#### *Monthly and Quarterly Publications—*

*Production Statistics, Australia (Preliminary)* (8301.0) includes details of the production (quantity) of some 34 of the more important manufactured commodities for Australia, for example, iron and steel, building materials, motor vehicles and other consumer goods. This publication is issued approximately three weeks from the end of the month to which it relates.

*Production Bulletins Nos 1 to 5* (8357.0 to 8364.0) which include details of the production (quantity) of an extensive range of the more important commodities manufactured in Australia (some 1,200 in all).

10. Other ABS publications which may be of interest include:

*Electricity and Gas Establishments, Details of Operations* (8208.0)

*Industry Concentration Statistics, Details of Industry Class* (8102.0)

*Enterprise Statistics, Details by Industry Class* (8103.0)

*Manufacturing Commodities, Principal Materials Used* (8210.0)

*Wholesale Price Indexes, Price Indexes of Articles Produced by Manufacturing Industry* (6412.0)

*Wholesale Price Indexes, Price Index of Materials Used in Manufacturing Industry* (6411.0)

*Manufacturing Establishments, Selected Items of Data Classified by Industry and Employment Size* (8204.0)

11. All publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

#### **Symbols and other usages**

.. Nil or less than half the final digit shown

n.e.c. Not elsewhere classified

ASIC Australian Standard Industrial Classification

Where figures have been rounded, discrepancies may occur between sums of the component items and totals. An Annual Manufacturing Census was not conducted in respect of the year ended 30 June 1971. The figures shown for 1972-73, 1973-74, 1974-75 and 1975-76 have been revised where necessary and as a consequence may not agree with similar data shown in previous publications.

- (a) Transfers to and from other establishments of the enterprise referred to in the definitions of "Turnover" and "Purchases, transfers in and selected expenses" are valued, for statistical purposes, at prices commensurate with the prices which would have been received or paid if the establishments concerned had been under separate ownership, i.e. at commercial selling prices.
- (b) A significant proportion of the commodities manufactured by some industries (e.g. the petroleum refining industry) is manufactured on commission for non-manufacturing enterprises from materials owned and supplied by those enterprises. As a consequence the turnover figures do not reflect the gross value of those commodities but only the commission earned relating thereto. For similar reasons the value of materials used in producing those commodities is likewise not reflected in the figures for purchases, transfers in and selected expenses.
- (c) While value added is the basic measure of an industry's contribution to total production it must not be inferred that when wages and salaries are deducted from value added, the whole of the surplus is available for profit. There are many miscellaneous expenses such as depreciation, workers' compensation insurance, other insurance, pay-roll tax, rates, advertising, interest on borrowed funds, bad debts and other sundry charges which are not taken into account in arriving at value added.
- (d) Value added as calculated in this bulletin differs from the concept, used in the National Accounts where the concept of value added also excludes some administrative expenses and sundry charges and the change in stocks component is measured by valuing the physical change in stocks at current prices. It is not practicable in these censuses to collect data fully in accord with the national accounts concept of value added.

TABLE 1.—MANUFACTURING ESTABLISHMENT (a)—SUMMARY OF OPERATIONS BY INDUSTRY CLASS  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed— average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
	Food, beverages & tobacco	No	No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	Meat products												
2111	Meat & abattoir by-products.....	450	41191	7021	48212	433273	1853696	89803	103107	1104598	762403	12256	43391
2112	Fresh & frozen poultry.....	105	2455	3371	5826	42926	290639	17720	16154	217675	71399	1633	9074
2113	Bacon, ham & smallgoods.....	142	5484	2419	7903	65493	370559	21803	24357	260261	112852	2468	10441
2114	Casings of animal origin.....	27	382	138	520	4057	15403	1246	1208	8265	7100	180	224
211	Total meat products.....	724	49512	12949	62461	545749	2530298	130572	144827	1590799	953754	16536	63130
	Milk products												
2121	Liquid milk & cream.....	289	15694	4061	19755	183846	1380078	90606	93003	1046375	336100	9435	29030
2122	Butter.....												
2123	Cheese.....												
2124	Ice cream & frozen confections.....												
2125	Milk products nec.....												
212	Total milk products.....	289	15694	4061	19755	183846	1380078	90606	93003	1046375	336100	9435	29030
	Fruit & vegetable products												
2131	Fruit products.....	79	3083	1576	4659	40270	243711	86262	79044	152221	84272	4150	5156
2132	Vegetable products.....	66	4603	2820	7432	70977	343261	79153	83040	198589	148560	4119	6148
213	Total fruit & vegetable products.....	145	7686	4405	12091	111247	586972	165415	162084	350809	232832	8269	11304
214	Margarine & oils & fats nec.....	39	2324	560	2884	33051	296382	35403	42963	234761	69182	936	4356
	Flour mill & cereal food products												
2151	Flour mill products.....	62	2352	306	2658	23730	252302	8217	8929	191205	61809	603	5656
2152	Starch, gluten & starch sugar.....	14	689	70	759	8490	75159	6062	6371	58934	16534	263	2004
2153	Cereal foods & baking mixes.....	64	3177	1463	4640	38472	233705	46739	66185	156642	96508	930	7652
215	Total flour mill & cereal food products.....	140	6218	1839	8057	70692	561166	61017	81484	406782	174852	1796	15311
	Bread, cake & biscuits												
2161	Bread.....	827	11800	4959	16759	126201	409097	6889	7694	202798	207103	7128	11956
2162	Cakes & pastries.....	239	3143	3801	7544	56014	174009	6263	7710	85275	90181	1750	7244
2163	Biscuits.....	34	2909	3308	6217	51044	176238	10571	11859	88472	89053	928	5469
216	Total bread, cakes & biscuits.....	1100	18452	12068	30520	232259	759344	23723	27263	376545	386338	9807	24669
	Sugar & other food products												
2171	Raw sugar.....	88	4170	4444	8614	65558	273643	44265	48624	144432	133570	2487	7273
2172	Refined sugar.....												
2181	Confectionery & cocoa products.....												
2182	Canned fish & other seafoods.....												
2183	Prepared animal & bird foods.....												
2184	Food products nec.....	214	14339	3778	18117	197134	1232100	66307	91901	831279	426415	4018	120690
2171-2	Raw & refined sugar.....												
218	Total other food products.....	455	22197	9175	31372	305699	1967147	142982	181331	1322027	683469	9467	138773
217	Total sugar.....												

For footnotes see end of table

TABLE 1.—MANUFACTURING ESTABLISHMENTS (a)—SUMMARY OF OPERATIONS BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed—average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
		No	No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	<b>Beverages &amp; malt</b>												
2191	Soft drinks, cordials & syrups	261	6857	1707	8564	70661	432458	34291	41753	280008	159911	5069	10635
2192	Beer	23	8463	568	9031	101506	480312	25671	28293	268411	214522	2031	67223
2193	Malt	21	508	38	546	6153	78607	15513	18163	61841	19416	265	917
2194	Wine & brandy	171	3410	1551	4961	38298	245289	161165	187676	166474	107126	1999	13262
2195	Alcoholic beverages nec	7	258	60	318	3243	15809	9500	9073	8147	7235	78	502
219	Total beverages & malt	483	19496	3924	23420	219861	1252474	246140	284958	781081	508210	9442	91019
221	Tobacco products	7	2822	2499	5321	53967	317885	152060	156724	165492	157057	875	4555
<b>21-22</b>	<b>Total food, beverages &amp; tobacco</b>	<b>3382</b>	<b>144401</b>	<b>51480</b>	<b>195881</b>	<b>1757371</b>	<b>9651747</b>	<b>1047918</b>	<b>1174638</b>	<b>6276672</b>	<b>3501794</b>	<b>66564</b>	<b>384197</b>
	<b>Textiles</b>												
	<b>Textiles, yarns &amp; woven fabrics</b>												
2311	Cotton ginning	10	72	11	83	1074	13757	7914	8404	11455	2790		1471
2312	Scouring & carbonised wool	27	1082	95	1177	10559	84909	7094	7134	85260	19689	263	1607
2313	Wool & man-made fibre tops	7	588	232	820	6752	64868	12473	14371	52757	14009	244	769
2314	Man-made fibres & yarns	28	2718	1352	4070	36480	134410	33778	29275	72743	57165	965	2115
2315	Man-made fibre broadwoven fabrics	30	1914	1405	3319	27233	108110	22981	26625	62978	48775	778	2126
2316	Cotton yarns & broadwoven fabrics	19	3337	3071	6408	54024	192923	17431	40295	114037	81750	794	1862
2317	Worsted yarns & broadwoven fabrics	17	1193	1578	2771	22042	64146	18202	16135	31211	30169	404	1155
2318	Woolen yarns & broadwoven fabrics	29	1816	1397	3213	23611	84555	16449	16234	46435	37884	795	1093
2319	Narrow woven & elastic fabrics	31	542	816	1358	10435	35438	6758	8403	20238	16845	406	916
2321	Textile finishing	75	2128	834	2962	26619	104321	10963	11152	56117	48393	1586	1724
2322	Household textiles (exc. floor coverings)	72	505	1397	1902	12918	53608	11659	11734	32324	21358	780	370
231-232	Total textiles, yarns & woven fabrics	365	15895	12188	28083	231745	941045	185703	189761	56676	378826	7015	15209
	<b>Other textile products</b>												
2331	Textile floor coverings	42	2548	1925	4473	36920	227197	47272	48501	155584	72842	3179	7725
2332	Felt & felt products	13	520	145	665	6313	25458	4112	4495	10853	14988	544	380
2333	Canvas & associated products nec	152	1332	1009	2341	17340	65639	9060	9293	36304	29568	1137	1286
2334	Rope, cordage & twine	14	514	337	851	7643	31942	7454	6580	16305	14764	183	362
2335	Textile products nec	81	1438	1334	2772	24478	101338	13924	19151	54416	52150	1224	1138
233	Total other textile products	302	6552	4750	11302	62594	451574	81821	88021	273662	184322	6269	10891
<b>23</b>	<b>Total textiles</b>	<b>667</b>	<b>22247</b>	<b>16938</b>	<b>39185</b>	<b>324039</b>	<b>1392619</b>	<b>267524</b>	<b>277781</b>	<b>839738</b>	<b>563138</b>	<b>13284</b>	<b>26100</b>
	<b>Clothing &amp; footwear</b>												
	<b>Knitting mills</b>												
2411	Hosiery	41	1321	2544	3865	31559	81124	16410	17153	39242	42624	697	139
2412	Cardigans & pullovers	172	1534	4998	6532	47144	145993	26923	28105	72991	74188	2024	1709
2413	Knitted goods nec	110	2045	3322	5367	43987	20470	34389	37715	127618	79928	2405	2337
241	Total knitting mills	323	4900	10864	15764	122690	431320	77721	82978	219852	196740	5126	4185
	<b>Clothing</b>												
2421	Women's & girls blouses & frocks	563	1244	9343	10587	66198	220727	26340	30326	121144	103567	3157	1415
2422	Women's & girls outerwear nec	366	1166	6654	7820	49756	164065	19166	20108	85466	79360	2661	1514

For footnotes see end of table

TABLE 1.—MANUFACTURING ESTABLISHMENTS (a) — SUMMARY OF OPERATIONS BY INDUSTRY CLASS — continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed— average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases (transfer in and selected expenses)	Value added	Rent and leasing expenses	Fixed asset depreciation (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
		No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
2423	Mens & boys trousers & shorts; work clothing	169	1976	9327	11303	76166	238803	44113	48683	129502	113871	2712	1825
2424	Mens & boys suits & coats; waterproof clothing	100	1823	4176	5999	43271	100904	16673	17693	40750	61174	1410	784
2425	Underwear, nightwear, shirts & infants clothing nec	242	1299	11320	12619	83696	242563	38442	38623	120187	122557	2387	1770
2426	Foundation garments	25	396	2258	2654	18923	68709	12363	13621	35668	34299	597	52
2427	Headwear	35	173	340	513	2977	7660	1349	1426	3284	4453	200	—
2428	Clothing nec	248	908	2705	3613	23161	71035	12205	13809	34963	37676	1555	1073
242	Total clothing	1748	8985	46123	55108	364149	1114466	170650	184289	571146	556958	14681	8329
2431	Footwear	37	1347	2315	3662	26595	84115	13415	15051	43319	42432	1121	1076
2432	Rubber footwear	37	1347	2315	3662	26595	84115	13415	15051	43319	42432	1121	1076
243	Footwear nec	193	4062	5424	9486	68011	194088	27018	27419	96441	98048	2799	1656
243	Total footwear	230	5409	7739	13148	94606	278203	40433	42470	139761	140480	3920	2732
24	Total clothing & footwear	2301	19294	64726	84020	581445	1824005	288004	309737	950759	894178	23727	15245
	Wood, wood products & furniture												
	Wood & wood products												
2511	Log sawmilling	860	12798	942	13740	99561	357008	41528	48117	143960	219637	4475	13976
2512	Resawn & dressed timber	225	8621	844	9465	77013	364736	61837	71577	229816	144660	2586	10638
2513	Plywood & manufactured boards	77	5234	1029	6263	56132	224690	35784	40082	127606	101383	2471	22837
2514	Joinery & wooden structural fittings	1148	14634	1896	16530	130169	497011	58625	70491	290448	218430	7884	101225
2515	Wooden containers	121	1469	219	1688	11346	37919	3855	4331	21884	16511	632	1766
2516	Wood, cork, etc. products nec	268	3050	853	3903	29063	159256	17910	20922	89194	73074	1928	4951
251	Total wood & wood products	2699	45806	5783	57589	403283	1640620	219319	255520	902906	753695	19776	64293
	Furniture & mattresses												
2521	Furniture exc. sheet metal	1174	19344	4501	23845	180899	614930	73157	82949	322579	302142	11998	16037
2522	Mattresses exc. rubber or wire	83	1430	1019	2449	18716	93942	10963	13860	54387	42452	1731	1223
252	Total furniture & mattresses	1257	20774	5520	26294	199615	708872	84120	96809	376966	344594	13728	17259
25	Total wood, wood products & furniture	3956	66580	11303	77883	602899	2349492	303659	352329	1279873	1118290	35504	81553
	Paper & paper products, printing												
	Paper & paper products												
2611	Pulp, paper & paperboard	18	10137	978	11115	125499	512179	70920	97684	317757	221186	2001	45181
2612	Paper bags incl. textile bags	57	1463	1067	2530	21312	109818	18147	19937	68484	43121	633	1318
2613	Solid fibreboard containers	77	3006	1402	4408	39118	168592	29659	34686	102022	62042	2139	4904
2614	Corrugated fibreboard containers	47	4386	1163	5549	53961	272568	29013	31379	172034	103940	2082	10790
2615	Paper products nec	89	2682	1334	4016	35927	194894	29600	32738	120373	77659	2014	8379
261	Total paper & paper products	288	21674	5944	27616	275817	1258048	173319	216424	780670	516463	8889	70481

For footnotes see end of table.

TABLE 1.—MANUFACTURING ESTABLISHMENTS (A) — SUMMARY OF OPERATIONS BY INDUSTRY CLASS — continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leaving expenditure (c)	
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77			\$000	\$000
								No	No				
	Printing & publishing												
2621	Publishing, printing & publishing	503	22875	7923	30798	301622	925602	66716	84610	384256	559240	9465	19317
2622	Commercial & job printing, stationery & binding	1583	23664	11207	34871	294478	868277	117672	127753	399914	478444	18154	22397
2623	Printing trade services nec	229	3337	761	4098	38522	81586	2583	2759	21662	60100	3108	1757
262	Total printing & publishing	2315	49876	19891	69767	674632	1875465	186971	215121	805838	1097764	40728	43472
26	<b>Total paper &amp; paper products, printing</b>	<b>2603</b>	<b>71580</b>	<b>25835</b>	<b>97385</b>	<b>910440</b>	<b>3133513</b>	<b>364310</b>	<b>431546</b>	<b>1586503</b>	<b>1614247</b>	<b>39617</b>	<b>113953</b>
	Chemical, petroleum & coal products												
	Basic chemicals												
2711	Chemical fertilisers	29	3871	390	4261	48075	389645	51331	61731	282958	117087	655	7174
2712	Industrial gases	31											
2713	Plastic materials	54	3675	437	4112	48795	180765	69169	82746	278287	126055	2281	17198
2714	Organic industrial chemicals nec	35	2565	264	2829	35451	315841	45423	58488	234899	94007	648	14563
2715	Inorganic industrial chemicals nec	62											
271	Total basic chemicals	211	16832	2161	18993	226707	1441224	208036	249339	894443	488104	5629	78161
	Other chemical & related products												
2721	Ammunition, explosives & fireworks	25											
2722	Paints, varnishes and lacquers	135	5264	1551	6815	64554	327924	52539	59482	210559	124808	1605	6304
2723	Pharmaceutical & veterinary products	124	5539	4654	10193	96726	428112	108740	124904	222956	221321	4216	16775
2724	Pesticides & agricultural chemicals	37	831	390	1221	12202	118117	22262	29473	70769	54559	659	4062
2725	Soap & other detergent	130	4042	1759	5801	59015	315805	36482	44630	176078	147875	3094	7539
2726	Cosmetics & toilet preparations	57	1703	2871	4574	40415	206028	43302	47295	91150	118871	2834	5650
2727	Inks	28	826	180	1006	9512	59718	7902	9233	39778	21271	120	616
2728	Chemical products nec	113											
272	Total other chemical & related products	649	22654	13366	36050	342621	1713252	225034	370361	959149	805439	14521	49751
273	Petroleum refining	12	4205	251	4456	60835	430751	49127	52362	238678	155368	1360	42214
274	Petroleum & coal products nec	40	811	80	891	9610	37530	7584	8632	40661	18548	201	852
27	<b>Total chemical, petroleum &amp; coal products</b>	<b>912</b>	<b>44522</b>	<b>15907</b>	<b>60429</b>	<b>639775</b>	<b>3662777</b>	<b>587778</b>	<b>680713</b>	<b>2291123</b>	<b>1464589</b>	<b>21803</b>	<b>170980</b>
	Non-metallic mineral products												
	Glass & glass products												
2811	Plate & sheet glass												
2812	Glass bottles & jars												
2813	Glass products nec												
281	Total glass & glass products	32	6766	96	7762	89265	286248	45625	60135	117723	183034	2514	13493
	Clay products												
2821	Clay bricks & clay refractories	150	8626	490	9116	91645	281486	46311	56473	112845	178802	2077	24787
2822	Ceramic construction goods	49	2626	374	3000	28704	79853	13758	16955	33079	49971	406	5451
2823	China & other ceramic goods nec	46	1460	818	2278	19700	43541	6685	7921	14653	30123	294	558
282	Total clay products	245	12712	1682	14194	140049	404880	66754	81345	160577	258896	2776	30796

For footnotes see end of table

TABLE 1—MANUFACTURING ESTABLISHMENTS (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed—average over whole year(s)			Wages and salaries	Turnover	Stocks		Purchases transferred and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
		No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	<b>Cement &amp; concrete products</b>												
2831	Cement	20	3569	244	3813	43475	230430	41532	48972	139708	98162	509	15361
2832	Ready mixed concrete	556	2791	269	3060	32848	390731	4832	5248	305411	85737	3835	7397
2833	Concrete pipes	67											
2834	Concrete products exc. pipes	366	6118	571	6689	64598	271965	23966	29078	144248	132838	2206	11902
2835	Asbestos cement products	17											
283	<b>Total cement &amp; concrete products</b>	<b>1026</b>	<b>18683</b>	<b>1548</b>	<b>20231</b>	<b>208316</b>	<b>1118771</b>	<b>111977</b>	<b>142328</b>	<b>706336</b>	<b>442568</b>	<b>7521</b>	<b>45009</b>
	<b>Other non-metallic mineral products</b>												
2841	Plaster products	57	1755	260	1955	18544	97147	7392	10676	54399	45432	587	3601
2842	Stone products	44	591	80	680	5116	17660	1978	3269	8632	9319	334	138
2843	Non-metallic mineral products nec	91	2189	385	2574	25305	111506	12429	13330	52348	60078	1137	6703
284	<b>Total other non-metallic mineral products</b>	<b>232</b>	<b>4535</b>	<b>674</b>	<b>5209</b>	<b>48965</b>	<b>226311</b>	<b>21799</b>	<b>25695</b>	<b>115380</b>	<b>114829</b>	<b>1958</b>	<b>10442</b>
<b>28</b>	<b>Total non-metallic mineral products</b>	<b>1835</b>	<b>42696</b>	<b>4900</b>	<b>47996</b>	<b>486596</b>	<b>2036215</b>	<b>246186</b>	<b>309806</b>	<b>1100237</b>	<b>999327</b>	<b>14769</b>	<b>99739</b>
	<b>Basic metal products</b>												
	<b>Basic iron &amp; steel</b>												
2911	Iron ore pelleting & metallising	4	1223	71	1294	17859	186546	27295	27222	157864	28609	319	1754
2912	Iron & steel basic products	117	46227	3475	49702	523933	2457391	564461	673042	1663446	902526	36976	160387
2913	Iron & steel castings & forgings	164	10390	653	11043	102342	302374	47124	54733	135698	174276	4377	8178
2914	Steel pipes & tubes	45	6313	609	6923	68715	259567	32866	56390	150710	112181	1417	10774
291	<b>Total basic iron &amp; steel</b>	<b>330</b>	<b>64153</b>	<b>4808</b>	<b>68961</b>	<b>712848</b>	<b>3205878</b>	<b>691745</b>	<b>811178</b>	<b>2107719</b>	<b>1217592</b>	<b>43090</b>	<b>181044</b>
	<b>Non-ferrous metal basic products</b>												
2921	Smelting & refining of copper	3	756	18	774	9690	224482	39424	55157	188028	32186	40	10414
2922*	Smelting & refining of silver, lead & zinc												
2923	Smelting & refining of nickel												
2926	Smelting & refining of non-ferrous metals nec	9	5974	281	6255	71026	729614	121988	150240	561157	196710	660	9214
2923	Alumina												
2924	Smelting of aluminium	9	6343	429	6772	88485	752663	164178	179843	456705	311623	1715	24359
2927	Rolling, drawing & extruding of aluminium	23	3541	448	3989	44238	262410	41325	57567	193253	85399	473	14511
2928	Rolling, drawing & extruding of non-ferrous metals nec	18	3251	219	3470	35147	238268	27303	31333	170763	71336	398	6685
2929	Non-ferrous metal castings	113	1657	289	1946	16590	54027	3175	3652	27396	27110	683	986
2931	Secondary recovery & alloying of non-ferrous metals nec	43	1410	227	1637	15352	153807	73003	23508	119221	35091	498	2104
292-293	<b>Total non-ferrous metal basic products</b>	<b>218</b>	<b>22932</b>	<b>1911</b>	<b>24843</b>	<b>280528</b>	<b>2415271</b>	<b>420395</b>	<b>481300</b>	<b>1716522</b>	<b>759654</b>	<b>4466</b>	<b>68272</b>
<b>29</b>	<b>Total basic metal products</b>	<b>548</b>	<b>87085</b>	<b>6719</b>	<b>93804</b>	<b>993376</b>	<b>5621149</b>	<b>1112140</b>	<b>1292478</b>	<b>3824240</b>	<b>1977247</b>	<b>47556</b>	<b>249317</b>
	<b>Fabricated metal products</b>												
	<b>Fabricated structural metal products</b>												
3111	Fabricated structural steel	748	13706	1235	14941	130619	555001	65587	78852	340703	227564	6731	9547

For footnotes see end of table

TABLE 1.—MANUFACTURING ESTABLISHMENTS (a)—SUMMARY OF OPERATIONS BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed—average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
		No	No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
3117	Architectural aluminium products .....	280	6601	1615	8216	67528	288201	39739	44564	176933	116093	4714	4810
3113	Architectural metal products nec .....	203	1918	356	2274	17581	68846	5321	6372	36762	33134	1108	1736
3114	Boiler & plate work .....	155	5361	538	5899	56382	195896	34165	34930	102193	94468	1760	5596
311	<i>Total fabricated structural metal products</i> .....	<i>1386</i>	<i>27586</i>	<i>3744</i>	<i>31330</i>	<i>271981</i>	<i>1107944</i>	<i>144813</i>	<i>164719</i>	<i>656591</i>	<i>471259</i>	<i>14113</i>	<i>21688</i>
	Sheet metal products												
3121	Metal containers .....	45	4767	2039	6806	66628	347455	59655	59346	228593	118552	2999	6710
3122	Sheet metal furniture .....	72	2553	543	3096	24752	80670	14335	15578	41601	40310	1116	1400
3123	Sheet metal products nec .....	758	13568	3738	17306	142664	496738	69845	82300	254349	254844	8092	13592
312	<i>Total sheet metal products</i> .....	<i>875</i>	<i>20888</i>	<i>6320</i>	<i>27208</i>	<i>234064</i>	<i>924863</i>	<i>143835</i>	<i>157222</i>	<i>524543</i>	<i>413764</i>	<i>12207</i>	<i>21702</i>
	Other fabricated metal products												
3131	Cutlery & hand tools .....	51	1900	612	2512	22592	68293	20202	24575	31225	41441	588	1921
3132	Springs & wire products .....	247	6109	1712	7821	64362	262488	43544	50820	145017	124745	3406	5173
3133	Nuts, bolts, screws & rivets .....	84	3256	762	4018	37416	118328	29911	30773	49648	69543	1396	11702
3134	Metal coating & finishing .....	403	4166	899	5065	42652	110060	5309	6158	38746	72163	2932	3330
3135	Steam, gas & water fittings .....	93	3540	1170	4710	39494	123096	25686	29624	60512	66523	1291	3050
3136	Metal blinds & awnings .....	70	1270	938	2208	17509	71800	9347	12355	39194	35614	738	1851
3137	Fabricated metal products nec .....	693	13910	4121	18031	152768	451444	83513	86141	207301	246770	7053	9080
313	<i>Total other fabricated metal products</i> .....	<i>1641</i>	<i>34151</i>	<i>10214</i>	<i>44365</i>	<i>376793</i>	<i>1205510</i>	<i>217512</i>	<i>240445</i>	<i>571644</i>	<i>656799</i>	<i>17403</i>	<i>36107</i>
31	<b>Total fabricated metal products</b> .....	<b>3902</b>	<b>82625</b>	<b>20278</b>	<b>102903</b>	<b>882818</b>	<b>3238318</b>	<b>506160</b>	<b>562386</b>	<b>1752778</b>	<b>1541766</b>	<b>43923</b>	<b>79497</b>
	Transport equipment												
	Motor vehicles & parts												
3211	Motor vehicles .....	49	44611	4486	49097	477261	2512578	405441	557671	1795413	869395	6068	91998
3212	Truck & bus bodies, trailers, caravans .....	332	8721	1202	9923	83221	337191	48286	61739	213130	137513	4502	7298
3213	Motor vehicle instruments & electrical equipment nec .....	30	2180	2357	4537	35021	115183	23525	27439	62409	56688	623	3186
3214	Motor vehicle parts nec .....	426	17486	6365	23851	198676	668902	114057	141717	325770	370793	6942	13942
321	<i>Total motor vehicles &amp; parts</i> .....	<i>837</i>	<i>72998</i>	<i>14410</i>	<i>87408</i>	<i>794719</i>	<i>3633853</i>	<i>591309</i>	<i>788566</i>	<i>2396721</i>	<i>1434388</i>	<i>18135</i>	<i>11624</i>
	Other transport equipment												
3221	Ship building & repair .....	81	13081	439	13520	134207	239306	16221	16075	69484	169675	1651	3403
3222	Boat building & repair .....	245	2931	393	3324	25583	94307	10860	12935	52522	43860	1774	2854
3223	Locomotives, rolling stock & repair .....	50	24522	422	24974	207582	405980	33227	31986	134878	269861	986	9233
3224	Aircraft building & repair .....	33	11458	986	12444	136481	288366	102189	106788	105457	187507	1923	7678
3225	Transport equipment nec .....	39	1027	534	1561	10546	47436	16915	15769	25717	20573	952	586
322	<i>Total other transport equipment</i> .....	<i>448</i>	<i>53049</i>	<i>2774</i>	<i>55823</i>	<i>514399</i>	<i>1075394</i>	<i>179412</i>	<i>183552</i>	<i>388058</i>	<i>691477</i>	<i>7285</i>	<i>23754</i>
32	<b>Total transport equipment</b> .....	<b>1285</b>	<b>126947</b>	<b>17184</b>	<b>143231</b>	<b>1308578</b>	<b>4709247</b>	<b>770721</b>	<b>972118</b>	<b>2784779</b>	<b>2125865</b>	<b>25420</b>	<b>140178</b>

For footnotes see end of table

TABLE 1.—MANUFACTURING ESTABLISHMENTS (a)—SUMMARY OF OPERATIONS BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed— average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
			Males	Females	Total			At 30 Jun 76	At 30 Jun 77				
		No	No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	Other machinery & equipment												
	Photographic, professional & scientific equipment												
3311	Photographic goods, optical instruments & film processing	120	3095	3071	6166	53377	202714	37454	38532	122464	81327	3166	10906
3312	Measuring apparatus & professional & scientific equipment nec	119	2333	1119	3452	31444	101286	21404	25210	46068	59025	1233	1299
331	Total photographic, professional & scientific equipment	239	5428	4190	9618	84821	303999	58858	63742	168532	140352	4398	12204
	Appliances & electrical equipment												
3321	TV, radios & electronic equipment nec	235	13220	10511	23731	206228	726773	192047	198012	386802	345938	8202	11610
3322	Refrigerators & household appliances	228	17390	7538	24928	206502	794207	169173	188114	472655	340493	6596	17184
3323	Water heating systems	43	1 40	306	1955	17421	70973	11560	12164	42025	29552	619	1368
3324	Electric & telephone cable & wire	29	3749	1344	5093	51235	224710	39349	42976	164874	63462	1721	15144
3325	Batteries	49	2463	495	2958	26456	115035	19684	23988	63513	55826	905	4676
3326	Electrical machinery & equipment nec	597	18587	9805	28392	238903	761539	175346	187980	378343	395829	8895	14886
332	Total appliances & electrical equipment	1181	57058	29999	87057	746834	2693237	607160	653236	1508212	1231101	26939	64368
	Industrial machinery & equipment												
3331	Agricultural machinery & equipment	201	11868	1164	13032	118792	371124	123268	134136	191421	190570	1588	7375
3332	Construction & earthmoving machinery	77	2416	271	2687	24521	100893	28114	29427	59887	42320	1308	3207
3333	Materials handling equipment	185	5469	673	6142	58905	197790	55030	61017	111446	92331	2790	4464
3334	Woodworking & metalworking machinery	84	3051	537	3588	33355	82323	25296	27043	37717	46353	1068	2079
3335	Pumps & compressors	105	4543	595	5138	46892	159623	44524	46116	79745	81469	2166	3110
3336	Commercial space heating & air conditioning equipment	61	3108	422	3530	33655	149319	29222	36079	97641	58530	1736	13 8
3337	Dies, saw blades & machine tool accessories	357	4419	785	5204	47705	123649	21373	23827	46006	80096	2942	3212
3338	Food processing machinery	82	3544	268	3812	35692	115702	19033	18784	60581	53962	1092	2116
3339	Industrial machinery & equipment nec	1110	25053	3339	28392	259189	779843	158467	183534	378350	426560	11734	20154
333	Total industrial machinery & equipment	2262	63471	8054	71525	658906	2080267	504334	559052	1062794	1072190	26443	47075
33	Total other machinery & equipment	3682	125957	42243	168200	1490561	5077503	1170352	1276029	2739838	2443644	57780	123648
	Miscellaneous manufacturing												
	Leather & leather products												
3411	Leather tanning & fur dressing	68	1998	518	2516	20551	94173	11781	14102	60229	36264	457	3078
3412	Leather & substitute products nec	161	1099	1519	2618	18571	65443	11823	12006	34919	30708	1358	324
341	Total leather & leather products	229	3097	2037	5134	39122	159615	23604	26109	95148	66972	1815	3402
	Rubber products												
3421	Rubber tyres, tubes, belts, hose, sheets	29	8307	890	9197	96986	317642	47802	51216	168517	152539	2176	9001
3422	Rubber products nec	118	3866	1614	5480	47185	138468	19017	20763	63612	76603	1754	3369

For footnotes see end of table

TABLE 1—MANUFACTURING ESTABLISHMENTS (a)—SUMMARY OF OPERATIONS BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77

ASIC code	Industry class	No of estab operating at 30 Jun 77	Persons employed— average over whole year(b)			Wages and salaries	Turnover	Stocks		Purchases transfer in and selected expenses	Value added	Rent and leasing expenses	Fixed capital expenditure (c)
								At 30 Jun 76	At 30 Jun 77				
			Males	Females	Total								
		No	No	No	No	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
342	Total rubber products.....	147	12173	2504	14677	144171	456110	66819	71979	232129	229142	3930	12370
	Plastic & related products												
3431	Flexible packing, materials & products...	115	4675	1819	6494	65109	321016	52881	54409	203445	119099	2804	9826
3432	Rigid plastic sheeting.....	9	397	98	495	4592	19606	3908	5316	11446	9568	410	562
3433	Hard surface floor coverings nec.....	7	299	50	349	3256	22523	5387	5511	13215	9432	93	751
3434	Plastic products nec.....	640	13037	9676	22713	192369	770564	98003	112855	425611	359805	14761	27825
343	Total plastic & related products.....	771	18408	11643	30051	265326	1133710	160179	178090	653717	497904	18068	38964
	Other manufacturing												
3441	Ophthalmic articles.....	41	857	845	1702	12477	41478	7976	9469	18926	24045	731	1286
3442	Jewellery & silverware.....	214	1421	832	2253	15602	57489	11205	12410	30876	27818	968	566
3443	Brooms & brushes.....	46	944	840	1784	12718	44719	10293	11527	20649	25303	777	1649
3444	Signs & advertising displays.....	241	2592	767	3359	26917	68650	6729	7673	30037	39556	1552	2787
3445	Sporting equipment.....	135	1539	778	2317	16966	58548	11513	13379	29068	31346	1022	1115
3446	Writing & marking equipment.....	49	639	740	1379	10222	42707	11392	14194	26006	19503	468	1140
3447	Manufacturing nec.....	134	1437	1221	2658	14121	54704	9818	12694	28984	28595	915	333
344	Total other manufacturing.....	860	9429	6023	15452	109023	368294	68926	81345	184546	196167	6418	8875
34	Total miscellaneous manufacturing.....	2007	43107	22207	65314	557642	2117729	319528	357523	1165540	990184	30232	63611
	TOTAL MANUFACTURING.....	26780	876111	299720	1175831	10535839	44814315	6985052	7996785	26591779	19234268	418180	1548016
	Private ownership.....	24622	831345	294393	1125738	10101547	44006656	6850154	7858432	26345429	18669505	416715	1510433
	Government ownership.....	158	44766	5327	50093	434292	807659	134898	138353	246350	564763	1465	3788

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (b) Including working proprietors. (c) Outlay on fixed tangible assets less disposals.

TABLE 2.—MANUFACTURING ESTABLISHMENTS (a)—TYPE OF EMPLOYMENT BY INDUSTRY CLASS  
AUSTRALIA, END OF JUNE 1977  
(Number)

ASIC code	Industry class	Working proprietors			Admin etc employees(b)			Production employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
	Food, beverages & tobacco												
	Meat products												
2111	Meat & abattoir by-products	148	46	194	4624	1458	6082	37061	5581	42642	41833	7085	48918
2112	Fresh & frozen poultry	71	46	117	642	419	1061	1806	3001	4807	2519	3466	5985
2113	Bacon, ham & smallgoods	30	22	72	1259	514	1773	4384	1934	6318	5693	2470	8163
2114	Casings of animal origin	3	..	3	54	10	64	317	141	458	374	151	525
211	Total meat products	272	114	386	6579	2401	8980	43568	10657	54225	50419	13172	63591
	Milk products												
2121	Liquid milk & cream												
2122	Butter												
2123	Cheese												
2124	Ice cream & frozen confections	28	18	46	5153	1938	7091	10053	1948	12001	15234	3904	19138
2125	Milk products nec.												
212	Total milk products	28	18	46	5153	1938	7091	10053	1948	12001	15234	3904	19138
	Fruit & vegetable products												
2131	Fruit products	13	2	15	816	302	1118	2022	960	2982	2851	1264	4115
2132	Vegetable products	7	6	13	1571	581	2152	2913	2160	5073	4491	2747	7238
213	Total fruit & vegetable products	20	8	28	2387	883	3270	4935	3120	8055	7342	4011	11353
214	Margarine & oils & fats nec.	5	2	7	1103	326	1429	1452	238	1690	2560	566	3126
	Flour mill & cereal food products												
2151	Flour mill products	3	1	4	511	233	744	1822	68	1890	2336	302	2638
2152	Starch, gluten & starch sugar	..	..	..	175	69	244	537	6	543	712	75	787
2153	Cereal foods & baking mixes	10	3	13	1088	443	1531	2148	1006	3154	3246	1452	4698
215	Total flour mill & cereal food products	13	4	17	1774	745	2519	4507	1080	5587	6294	1829	8123
	Bread, cakes & biscuits												
2161	Bread	615	426	1041	4341	2899	7240	6883	1811	8694	11839	5136	16975
2162	Cakes & pastries	161	110	271	1109	733	1842	2666	3055	5721	3936	3898	7834
2163	Biscuits	16	9	25	1109	449	1558	1864	2883	4747	2989	3341	6330
216	Total bread, cakes & biscuits	792	545	1337	6559	4081	10640	11413	7749	19162	18764	12375	31139
	Sugar & other food products												
2171	Raw sugar												
2172	Refined sugar												
2181	Confectionery & cocoa products	26	14	40	1370	669	2039	2925	3682	6607	4321	4365	8686
2182	Canned fish & other seafoods	1	1	2	66	27	93	283	372	655	350	400	750
2183	Prepared animal & bird foods	22	10	32	1085	465	1550	2328	253	2581	3435	728	4163
2184	Food products nec.												
2171-2	Raw & refined sugar	39	22	61	4094	1581	5675	10588	2210	12898	14871	3813	18634
218	Total other food products	88	47	135	6615	2742	9357	16224	6517	22741	22927	9306	32233
217	Total sugar												
	Beverages & malt												
2191	Soft drinks, cordials & syrups	126	67	193	2856	855	3711	3726	766	4492	6708	1688	8396
2192	Beer	..	..	..	2673	551	3224	5728	21	5749	8411	572	8973
2193	Malt	..	..	..	128	39	167	410	1	411	538	40	578
2194	Wine & brandy	66	34	100	934	156	1450	2375	968	3343	3375	1518	4893

For footnotes see end of table

TABLE 2—MANUFACTURING ESTABLISHMENTS (a)—TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
AUSTRALIA, END OF JUNE 1977  
(Number)

ASIC code	Industry class	Working proprietors			Admin etc. employees(b)			Production employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
2195	Alcoholic beverages nec	..	..	..	78	30	108	185	32	217	263	62	325
219	Total beverages & malt	192	101	293	6609	1991	8600	12424	1788	14212	19285	1880	21165
221	Tobacco products	..	..	..	809	378	1187	2157	2222	4379	2966	2680	5566
<b>21-22</b>	<b>Total food, beverages &amp; tobacco</b>	<b>1410</b>	<b>839</b>	<b>2249</b>	<b>37648</b>	<b>15485</b>	<b>53133</b>	<b>106733</b>	<b>35319</b>	<b>142052</b>	<b>145791</b>	<b>51643</b>	<b>197434</b>
	Textiles												
	Textiles, yarns & woven fabrics												
2311	Cotton ginning	..	..	..	24	10	34	171	13	184	195	23	218
2312	Scoured & carbonised wool	..	..	..	140	35	175	896	87	983	1036	92	1128
2313	Wool & man-made fibre tops	..	..	..	106	43	149	843	154	997	549	197	746
2314	Man-made fibres and yarns	..	..	..	392	171	566	2011	1192	3103	2403	1266	3669
2315	Man-made fibre broadwoven fabrics	1	2	3	402	251	658	1561	418	2729	1964	1423	3387
2316	Cotton yarns & broadwoven fabrics	2	2	4	785	476	1263	2443	2497	4940	3230	2977	6207
2317	Worsted yarns & broadwoven fabrics	..	..	..	322	246	568	696	1109	1805	1018	1355	2373
2318	Woolen yarns & broadwoven fabrics	1	..	1	285	141	426	1391	1124	2515	1677	1265	2942
2319	Narrow woven & elastic fabrics	3	1	4	174	92	266	374	712	1086	551	805	1356
2321	Textile finishing	14	7	21	337	225	562	1801	566	2367	2152	798	2950
2322	Household textiles (exc. floor coverings)	22	21	43	173	145	318	323	1303	1626	518	1469	1987
231-232	Total textiles, yarns & woven fabrics	43	33	76	3140	1842	4982	12110	9795	21905	15293	11670	26963
	Other textile products												
2331	Textile floor coverings	..	..	..	642	367	1009	1731	1353	3084	2373	1720	4093
2332	Felt & felt products	2	..	2	158	51	209	345	106	451	505	157	662
2333	Canvas & associated products nec	64	34	98	392	276	668	842	664	1506	1298	974	2272
2334	Rope, cordage & twine	2	2	4	104	42	146	424	301	725	530	345	875
2335	Textile products nec	7	5	12	505	354	859	945	997	1942	1457	1356	2813
231	Total other textile products	75	41	116	1801	1090	2891	4287	3421	7708	6163	4552	10715
<b>23</b>	<b>Total textiles</b>	<b>118</b>	<b>74</b>	<b>192</b>	<b>4941</b>	<b>2932</b>	<b>7873</b>	<b>16397</b>	<b>13216</b>	<b>29613</b>	<b>21456</b>	<b>16222</b>	<b>37678</b>
	Clothing & footwear												
	Knitting mills												
2411	Hosiery	8	2	10	451	343	794	813	2052	2865	1272	2397	3669
2412	Cardigans & pullovers	48	35	83	458	383	841	1038	4386	5424	1544	4804	6348
2413	Knitted goods nec	10	8	18	478	392	870	1570	2810	4380	2958	3210	5268
241	Total knitting mills	66	45	111	1387	1118	2505	3421	9248	12669	4874	10411	15285
	Clothing												
2421	Womens & girls blouses & frocks	221	226	447	544	695	1239	549	8479	9028	1314	9400	10714
2422	Womens & girls outerwear nec	151	134	285	429	496	925	647	6002	6649	1227	6632	7859
2423	Mens & boys trousers & shorts, work clothing	43	27	70	785	831	1616	1140	8196	9336	1968	9054	11022
2424	Mens & boys suits & coats, waterproof clothing	36	15	51	472	329	801	1236	3504	4740	1744	3848	5592
2425	Underwear, nightwear, shirts & infants clothing nec	46	35	81	580	672	1252	660	9858	10518	1286	10565	11851
2426	Foundation garments	1	1	2	274	408	682	118	1810	1928	393	2219	2612
2427	Headwear	14	14	28	47	28	75	108	286	394	169	328	497
2428	Clothing nec	86	72	158	343	288	631	509	2439	2948	938	2799	3737

For footnotes see end of table

TABLE 2—MANUFACTURING ESTABLISHMENTS (a) — TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
AUSTRALIA, END OF JUNE 1977  
(Number)

ASIC code	Industry class	Working proprietors			Admin etc. employees <sup>(b)</sup>			Production employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
242	Total clothing	598	524	1122	3474	3747	7221	4967	40574	45541	9019	44845	53864
	Footwear												
2431	Rubber footwear	5	4	9	285	188	473	1061	2176	3237	1351	2368	3719
2432	Footwear nec.	62	38	100	722	491	1213	3235	4912	8147	4019	5441	9460
241	Total footwear	67	42	109	1007	679	1686	4296	7088	11384	5370	7809	13179
24	Total clothing & footwear	731	611	1342	5868	5544	11412	12684	56910	69594	19283	63065	82348
	Wood, wood products & furniture												
	Wood & wood products												
2511	Log sawmilling	532	146	678	1328	612	1940	11315	258	11473	13075	1016	14091
2512	Resawn & dressed timber	37	11	48	1686	598	2284	6918	290	7208	8641	899	9540
2513	Plywood & manufactured boards	1	1	2	877	350	1227	4211	654	4865	5059	1005	6094
2514	Joinery & wooden structural fittings	660	300	960	2319	1172	3491	11974	553	12527	14053	2025	16978
2515	Wooden containers	75	28	103	212	117	329	1203	90	1293	1490	235	1725
2516	Wood, cork, etc., products nec.	124	53	177	507	288	795	2445	517	2962	3076	858	3934
251	Total wood & wood products	1429	519	1968	6929	3137	10066	37966	2362	40328	46424	6038	52362
	Furniture & mattresses												
2521	Furniture exc. sheet metal	645	271	916	2544	1741	4285	16129	2593	18722	19318	4605	23923
2522	Mattresses exc. rubber or wire	22	13	35	394	209	603	1050	779	1829	1466	1001	2467
252	Total furniture & mattresses	667	284	951	2938	1950	4888	17179	3372	20551	20784	5606	26390
25	Total wood, wood products & furniture	2096	823	2919	9867	508	14954	55145	8734	60879	67108	11644	78752
	Paper & paper products, printing												
	Paper & paper products												
2611	Pulp, paper & paperboard	..	..	..	2338	464	2802	8000	558	8558	10338	1022	11360
2612	Paper bags incl. textile bags	9	3	12	469	190	659	981	858	1839	1459	1051	2510
2613	Solid fibreboard containers	8	7	15	888	328	1216	2086	1016	3102	2982	1351	4333
2614	Corrugated fibreboard containers	2	2	4	1211	415	1626	3121	721	3842	4334	1138	5472
2615	Paper products nec.	9	5	14	592	298	890	3078	1015	3093	2679	1318	3997
261	Total paper & paper products	28	17	45	5498	1695	7193	16266	4168	20414	21792	5880	27672
	Printing & publishing												
2621	Publishing, printing & publishing	153	86	239	8702	6590	15292	14569	1587	16156	23424	8263	31687
2622	Commercial & job printing, stationery & binding	577	281	858	5786	3621	9407	17379	7595	24974	23742	11497	35219
2623	Printing trade services nec.	46	28	74	625	434	1059	2687	317	3004	3358	779	4137
262	Total printing & publishing	776	395	1171	15113	10645	25758	34615	9499	44134	50524	20539	71061
26	Total paper & paper products, printing	804	412	1216	20611	12340	32951	50901	13667	64568	72316	26419	98735
	Chemical, petroleum & coal products												
	Basic chemicals												
2711	Chemical fertilisers	5	2	7	1361	336	1697	2609	69	2678	3975	407	4382
2712	Industrial gases	..	..	..	1411	365	1776	2354	73	2427	3766	438	4204
2713	Plastic materials	..	..	..	719	192	911	1823	80	1903	2542	272	2814
2714	Organic industrial chemicals nec.	..	..	..	..	..	..	..	..	..	..	..	..
2715	Inorganic industrial chemicals nec.	..	..	..	..	..	..	..	..	..	..	..	..
271	Total basic chemicals	8	4	12	6601	1936	8537	10433	263	10695	17041	2203	19244

For footnotes see en.1 of table

TABLE 2—MANUFACTURING ESTABLISHMENTS (A) TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
AUSTRALIA, END OF JUNE 1977  
(Numbers)

ANZIC code	Industry class	Working proprietors									Admin etc. employ. (nb)			Production employees			Persons employed				
		Males		Females		Total	Males		Females		Total	Males		Females		Total	Males		Females		Total
	<b>Other chemical &amp; related products</b>																				
2721	Ammunition, explosives & fireworks																				
2722	Paints, varnishes and lacquers																				
2723	Pharmaceutical & veterinary products	15	3	18	2366	1056	3672	2623	471	3094	5204	1530	6734								
2724	Pesticides & agricultural chemicals	5	2	7	184	199	383	454	828	2956	4602	10208									
2725	Soap & other detergents	29	13	42	1911	936	2847	3128	828	3956	4602	1777	5845								
2726	Cosmetics & toilet preparations	2	2	4	944	1331	2275	761	1593	2358	1707	2930	4637								
2727	Inks	1	1	2	353	149	504	472	34	506	184	1012									
2728	Chemical products nec.																				
2729	Total other chemical & related products	69	31	100	10659	6176	16833	12094	7190	19284	27572	11199	66141								
273	Petroleum refining	1		1	1381	241	1634	2905	12	2919	233	4344									
274	Petroleum & coal products nec.				206	79	285	615	24	639	101	944									
27	<b>Total chemist, petroleum &amp; coal products</b>	<b>70</b>	<b>31</b>	<b>101</b>	<b>10867</b>	<b>6434</b>	<b>17467</b>	<b>12709</b>	<b>7211</b>	<b>19923</b>	<b>27806</b>	<b>11300</b>	<b>67085</b>								
	<b>Non-metallic mineral products</b>																				
	<b>Glass &amp; glass products</b>																				
2811	Plate & sheet glass																				
2812	Glass bottles & jars																				
2813	Glass products nec.																				
281	Total glass & glass products	5	3	8	1355	441	1796	5196	520	5716	6536	964	7500								
	<b>Clay products</b>																				
2821	Clay bricks & clay refractories	30	2	32	1269	404	1673	7326	106	7432	8625	512	9137								
2822	Ceramic construction goods	2	2	4	361	92	453	2156	286	2442	2519	380	2899								
2823	China & other ceramic goods nec.	15	9	24	257	131	388	1155	602	1847	1317	832	2189								
282	Total Clay Products	47	13	60	1887	627	2514	10637	1084	11721	12371	1724	14293								
	<b>Cement &amp; concrete products</b>																				
2831	Cement																				
2832	Ready mixed concrete																				
2833	Concrete pipes	36	13	49	1053	264	1317	1769	8	1777	2858	285	3143								
2834	Concrete products exc. pipes																				
2835	Asbestos cement products	140	57	197	1366	478	1844	3733	40	4773	6239	575	6814								
283	Total cement & concrete products	181	74	255	4867	1172	6214	14010	74	14084	19052	1519	20571								
	<b>Other non-metallic mineral products</b>																				
2841	Plaster products	31	18	49	635	179	814	1121	18	1139	1787	215	2002								
2842	Stone products	63	23	86	76	55	131	468	18	486	607	96	703								
2843	Non-metallic mineral products nec.	19	5	24	631	237	868	1573	154	1727	2223	396	2619								
284	Total other non-metallic mineral products	113	46	159	1742	471	1813	3162	190	3352	4617	507	5124								
28	<b>Total non-metallic mineral products</b>	<b>346</b>	<b>136</b>	<b>482</b>	<b>9445</b>	<b>2911</b>	<b>12356</b>	<b>33005</b>	<b>1867</b>	<b>34872</b>	<b>42796</b>	<b>4914</b>	<b>47710</b>								
	<b>Basic metal products</b>																				
	<b>Basic iron &amp; steel</b>																				
2911	Iron ore pelletising & metallising																				
2912	Iron & steel basic products	4	1	5	11350	2265	13615	34243	1147	35390	45597	5413	49010								
2913	Iron & steel castings & forgings	43	8	51	1780	399	2179	8478	254	8732	10301	661	10962								

Foot-figures in end of table

TABLE 2.—MANUFACTURING ESTABLISHMENTS (a)—TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
AUSTRALIA, END OF JUNE 1977  
(Number)

ASIC code	Industry class	Working proprietors			Admin etc employees(b)			Production employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
2914	Steel pipes & tubes .....	5	2	7	1442	395	1837	4850	231	5081	6297	628	6925
291	Total basic iron & steel .....	32	11	63	14982	3120	18102	48339	1642	49981	63373	4773	68146
2921	Non-ferrous metal basic products	..	..	..	114	14	128	655	3	658	769	17	786
2922	Smelting & refining of copper .....	..	..	..	1418	242	1660	4690	29	4719	6108	271	6379
2925	Smelting & refining of silver, lead & zinc .....	..	..	..	..	..	..	..	..	..	..	..	..
2926	Smelting & refining of nickel .....	..	..	..	..	..	..	..	..	..	..	..	..
2926	Smelting & refining of non-ferrous metals nec .....	..	..	..	..	..	..	..	..	..	..	..	..
2923	Alumina .....	..	..	..	1762	401	2163	4711	38	4749	6473	439	6912
2924	Smelting of aluminium .....	..	..	..	..	..	..	..	..	..	..	..	..
2927	Rolling, drawing & extruding of aluminium .....	..	..	..	905	287	1192	2641	163	2804	3546	450	3996
2928	Rolling, drawing & extruding of non-ferrous metals nec .....	..	..	..	621	184	805	2496	31	2527	3117	215	3332
2929	Non-ferrous metal castings .....	35	15	50	262	131	393	1373	139	1512	1670	285	1955
2931	Secondary recovery & allowing of non-ferrous metals nec .....	6	2	8	350	142	492	1071	83	1154	1427	227	1654
292-293	Total non-ferrous metal basic products .....	41	17	58	5412	1401	6813	17637	486	18123	23110	1904	25014
29	Total basic metal products .....	93	28	121	20414	4521	24935	65976	2128	68104	86483	6677	93160
	Fabricated metal products												
	Fabricated structural metal products												
3111	Fabricated structural steel .....	319	119	438	2437	1046	3483	11443	198	11641	14199	1363	15562
3112	Architectural aluminium products .....	81	33	114	2253	780	3033	4337	821	5158	6671	1634	8305
3113	Architectural metal products nec .....	128	48	176	413	266	679	1506	65	1571	2047	379	2426
3114	Boiler & plate work .....	30	13	43	1058	393	1451	4490	162	4652	5578	568	6146
311	Total fabricated structural metal products .....	558	213	771	6161	2485	8646	21776	1246	23022	28495	3944	32439
	Sheet metal products												
3121	Metal containers .....	..	..	..	1138	342	1480	3711	1669	5380	4849	2011	6860
3122	Sheet metal furniture .....	13	6	19	579	273	852	2024	270	2294	2616	549	3165
3123	Sheet metal products nec .....	220	107	327	2705	1346	4051	10933	2314	13247	13858	3767	17625
312	Total sheet metal products .....	233	113	346	7422	1961	6383	16668	4253	20921	21233	6327	27650
	Other fabricated metal products												
3131	Cutlery & hand tools .....	12	3	15	468	239	707	1318	304	1622	1798	546	2344
3132	Springs & wire products .....	62	26	88	1416	568	1984	4649	1184	5833	6127	1778	7905
3133	Nuts, bolts, screws & rivets .....	11	3	14	793	356	1059	2494	417	2911	3208	776	3984
3134	Metal coating & finish .....	117	46	163	641	414	1055	3480	487	3967	4238	947	5185
3135	Steam, gas & water fittings .....	15	1	16	685	366	1051	2873	810	3683	3573	1177	4750
3136	Metal blinds & awnings .....	27	15	42	482	339	821	688	523	1211	1197	877	2074
3137	Fabricated metal products nec .....	268	122	390	3363	1498	4861	10489	2431	12920	14120	4051	18171
313	Total other fabricated metal products .....	512	216	728	7758	3780	11538	25991	6156	32147	34261	10152	44413
31	Total fabricated metal products .....	1303	542	1845	18341	8226	26567	64435	11655	76090	84079	20423	104502

For footnotes see end of table

TABLE 2—MANUFACTURING ESTABLISHMENTS (a)—TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
 AUSTRALIA, END OF JUNE 1977  
 (Number)

ASIC code	Industry class	Working proprietors			Admin etc employees(b)			Production employees			Persons employed			
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total	
	Transport equipment													
	Motor vehicles & parts													
3211	Motor vehicles .....	7	3	10	9157	1280	10437	33714	3025	36739	42878	4308	47186	
3212	Truck & bus bodies, trailers, caravans .....	142	57	199	1216 <sup>1</sup>	512	1728	7328	583	7911	8686	1152	9838	
3213	Motor vehicle instruments & electrical equipment nec .....	2	1	3	709	261	970	1448	1910	3358	2159	2172	4331	
3214	Motor vehicle parts nec .....	132	62	194	3737	1394	5131	13489	4563	18052	17358	6019	23377	
321	Total motor vehicles & parts .....	283	123	406	14819	3447	18266	55979	10081	60600	71081	13651	84732	
	Other transport equipment													
3221	Ship building & repair .....	11	3	14	2730	417	3147	9948	29	9977	12689	449	13138	
3222	Boat building & repair .....	115	47	162	349	224	573	2396	141	2537	2860	412	3272	
3223	Locomotives, rolling stock & repair .....				2424	308	2732	22031	127	22158	24455	435	24890	
3224	Aircraft building & repair .....	4	1	5	3266	570	3836	8361	442	8803	11631	1013	12644	
3225	Transport equipment nec .....	6	6	12	244	149	393	669	309	978	978	919	464	1383
322	Total other transport equipment .....	136	57	193	9013	1668	10681	47405	1048	44453	52554	2773	55327	
32	Total transport equipment .....	419	180	599	23832	5115	28947	99384	11129	110513	123635	16424	140059	
	Other machinery & equipment													
	Photographic, professional & scientific equipment													
3311	Photographic goods, optical instruments & film processing .....	21	10	31	1124	722	1846	1972	2377	4349	3117	3109	6226	
3312	Measuring apparatus & professional & scientific equipment nec .....	27	14	41	790	424	1214	1611	680	2291	2428	1118	3546	
331	Total photographic, professional & scientific equipment .....	48	24	72	1914	1146	3060	3583	3057	6640	5545	4227	9772	
	Appliances & electrical equipment													
3321	TV, radios & electronic equipment nec .....	20	9	29	5011	2313	7324	8086	7841	15927	13117	10163	23280	
3322	Refrigerators & household appliances .....	34	12	46	4114	1695	5809	12309	5161	17470	16457	6868	23325	
3323	Water heating systems .....	15	4	19	397	151	548	1130	145	1275	1542	300	1842	
3324	Electric & telephone cable & wire .....				1216	406	1622	2578	976	3554	3794	1382	5176	
3325	Batteries .....	21	11	32	529	243	772	2052	264	2316	2602	518	3120	
3326	Electrical machinery & equipment nec .....	100	51	151	4901	2289	7280	13522	7461	20983	18613	9801	28414	
332	Total appliances & electrical equipment .....	190	87	277	16258	7097	23355	39677	21848	61525	56125	29032	85157	
	Industrial machinery & equipment													
3331	Agricultural machinery & equipment .....	88	39	127	2204	648	2852	9317	482	9799	11609	1169	12778	
3332	Construction & earthmoving machinery .....	13	5	18	508	207	715	1987	44	2031	2508	256	2764	
3333	Materials handling equipment .....	37	20	57	1274	577	1851	4253	101	4354	5564	698	6262	
3334	Woodworking & metalworking machinery .....	19	12	31	773	320	1093	2177	185	2362	2969	517	3486	
3335	Pumps & compressors .....	18	6	24	1254	489	1743	3270	126	3396	4542	621	5163	
3336	Commercial space heating & air conditioning equipment .....	5	3	8	747	293	1040	2375	135	2510	3127	431	3558	

For footnotes see end of table

TABLE 2.—MANUFACTURING ESTABLISHMENTS (a)—TYPE OF EMPLOYMENT BY INDUSTRY CLASS—continued  
AUSTRALIA, END OF JUNE 1977  
(Number)

ASIC code	Industry class	Working proprietors			Admin etc employee(s)(b)			Production employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total	Males	Females	Total
3337	Dies, saw blades & machine tool accessories .....	104	56	160	740	447	1187	3751	336	4087	4595	839	5434
3338	Food processing machinery .....	12	4	16	758	253	1011	2705	20	2725	3475	277	3752
3339	Industrial machinery & equipment nec .....	285	120	405	5414	2261	7675	19532	1094	20626	25231	3475	28706
333	<i>Total industrial machinery &amp; equipment</i> .....	581	265	846	13672	5495	19167	49367	2523	51890	63620	8283	71903
		<b>819</b>	<b>376</b>	<b>1195</b>	<b>31844</b>	<b>13738</b>	<b>45582</b>	<b>92627</b>	<b>27428</b>	<b>120055</b>	<b>125290</b>	<b>41542</b>	<b>166832</b>
33	<b>Total other machinery &amp; equipment</b>												
	Miscellaneous manufacturing	14	4	18	235	121	356	1735	373	2108	1984	498	2482
	Leather & leather products	64	36	100	272	199	471	750	1282	2032	1086	1517	2603
3411	Leather tanning & fur dressing .....	78	40	118	507	320	827	2485	1655	4140	3070	2015	5085
3412	Leather & substitute products nec .....												
341	<i>Total leather &amp; leather products</i> .....	3	..	3	1497	384	1881	6228	472	6700	7728	856	8584
	Rubber products	8	2	10	1048	374	1422	2858	1236	4094	3914	1612	5526
3421	Rubber tyres, tubes, belts, hose, sheets .....	11	2	13	2545	758	3303	9086	1708	10794	11642	2468	14110
3422	Rubber products nec .....												
342	<i>Total rubber products</i> .....	8	2	10	1590	637	2227	3001	1167	4168	4599	1806	6405
	Plastic & related products	4	2	6	110	65	175	289	36	325	403	103	506
3431	Flexible packing, materials & products .....				106	28	134	188	23	211	294	51	345
3432	Rigid plastic sheeting .....	107	52	159	3435	1772	5207	9456	7750	17206	12998	9574	22572
3433	Hard surface floor coverings nec .....	119	56	175	5241	2502	7743	12934	8976	21910	18294	11534	29828
3434	Plastic products nec .....												
343	<i>Total plastic &amp; related products</i> .....	8	2	10	213	152	365	619	644	1263	840	798	1638
	Other manufacturing	110	61	171	270	266	536	1058	536	1594	1438	863	2301
3441	Ophthalmic articles .....	17	8	25	299	191	490	624	659	1283	940	858	1798
3442	Jewellery & silverware .....	116	62	178	639	445	1084	1832	303	2135	2587	810	3397
3443	Brooms & brushes .....	66	36	102	291	200	491	1227	555	1782	1584	791	2375
3444	Signs & advertising displays .....	15	7	22	208	181	389	440	508	948	663	696	1359
3445	Sporting equipment .....	49	33	82	284	208	492	1211	992	2203	1544	1233	2777
3446	Writing & marking equipment .....	381	209	590	2204	1643	3847	7011	4197	11208	9596	6049	15645
3447	Manufacturing nec .....	589	307	896	10497	5223	15720	31516	16536	48052	42602	22066	64668
344	<i>Total other manufacturing</i> .....	8806	4365	13171	212155	89556	301711	654781	203078	857859	875742	296999	1172741
34	<b>Total miscellaneous manufacturing</b>												
	<b>TOTAL MANUFACTURING</b> .....												

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (b) Administrative office, sales and distribution employees.

TABLE 3.—MANUFACTURING ESTABLISHMENTS (a)—AVERAGE EMPLOYMENT (b) BY INDUSTRY CLASS  
AUSTRALIA 1976-77  
(Number)

ASIC code	Industry class	Persons employed—average over whole year								
		Working proprietors			Employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
Food, beverages & tobacco										
Meat products										
2111	Meat & abattoir by-products	148	46	194	41043	6975	48018	41191	7021	48212
2112	Fresh & frozen poultry	69	46	115	2386	3325	5711	2455	3371	5826
2113	Bacon, ham & smallgoods	48	21	69	5436	2398	7834	5484	2419	7903
2114	Casings of animal origin	3	..	3	379	138	517	382	138	520
211	Total meat products	268	113	381	49244	12836	62080	49512	12949	62461
Milk products										
2121	Liquid milk & cream	..	..	..	..	..	..	..	..	..
2122	Butter	..	..	..	..	..	..	..	..	..
2123	Cheese	28	18	46	15666	4043	19709	15694	4061	19755
2124	Ice cream & frozen confections	..	..	..	..	..	..	..	..	..
2125	Milk products nec	..	..	..	..	..	..	..	..	..
212	Total milk products	28	18	46	15666	4043	19709	15694	4061	19755
Fruit & vegetable products										
2131	Fruit products	13	2	15	3070	1574	4644	3083	1576	4659
2132	Vegetable products	7	5	12	4596	2824	7420	4603	2829	7432
213	Total fruit & vegetable products	20	7	27	7666	4398	12064	7686	4405	12091
214	Margarine & oils & fats nec	5	2	7	2319	558	2877	2324	560	2884
Flour mill & cereal food products										
2151	Flour mill products	3	1	4	2349	305	2654	2352	306	2658
2152	Starch, gluten & starch sugar	..	..	..	689	70	759	689	70	759
2153	Cereal foods & baking mixes	10	3	13	3167	1460	4627	3177	1463	4640
215	Total flour mill & cereal food products	13	4	17	6205	1835	8040	6218	1839	8057
Bread, cakes & biscuits										
2161	Bread	595	409	1004	11205	4550	15755	11800	4959	16759
2162	Cakes & pastries	154	106	260	3589	3695	7284	3743	3801	7544
2163	Biscuits	16	9	25	2893	3299	6192	2909	3308	6217
216	Total bread, cakes & biscuits	765	524	1289	17687	11544	29251	18452	12068	30520
Sugar & other food products										
2171	Raw sugar	..	..	..	..	..	..	..	..	..
2172	Refined sugar	..	..	..	..	..	..	..	..	..
2181	Confectionery & cocoa products	26	14	40	4144	4430	8574	4700	4354	8614
2182	Canned fish & other seafoods	1	1	2	310	316	626	311	317	628
2183	Prepared animal & bird foods	22	10	32	3355	626	3981	3377	636	4013
2184	Food products nec	..	..	..	..	..	..	..	..	..
2171-2	Raw & refined sugar	39	22	61	4300	3756	18056	14339	3778	18117
218	Total other food products	..	..	..	..	..	..	..	..	..
217	Total sugar	88	47	135	22109	9128	31237	22197	9175	31372
Beverages & malt										
2191	Soft drinks, cordials & syrups	125	66	191	6732	1641	8373	6857	1707	8564
2192	Beer	..	..	..	8463	568	9031	8463	568	9031
2193	Malt	..	..	..	508	38	546	508	38	546
2194	Wine & brandy	66	34	100	3344	1517	4861	3410	1551	4961
2195	Alcoholic beverages nec	..	..	..	258	60	318	258	60	318
219	Total beverages & malt	191	100	291	19105	3824	23129	19496	3924	23420
221	Tobacco products	..	..	..	2822	2499	5321	2822	2499	5321
21-22	Total food, beverages & tobacco	1378	815	2193	143023	50665	193688	144401	51480	195881
Textiles										
Textiles, yarns & woven fabrics										
2311	Cotton ginning	..	..	..	72	11	83	72	11	83
2312	Scoured & carbonised wool	..	..	..	1052	95	1177	1082	95	1177
2313	Wool & man-made fibre tops	..	..	..	588	232	820	588	232	820
2314	Man-made fibres & yarns	..	..	..	2718	1352	4070	2718	1352	4070
2315	Man-made fibre broadwoven fabrics	1	2	3	1913	1403	3316	1914	1405	3319
2316	Cotton yarns & broadwoven fabrics	2	2	4	3335	3069	6404	3337	3071	6408
2317	Worsted yarns & broadwoven fabrics	..	..	..	1193	1578	2771	1193	1578	2771
2318	Woolen yarns & broadwoven fabrics	1	..	1	1815	1307	3212	1816	1307	3213
2319	Narrow woven & elastic fabrics	3	1	4	539	815	1354	542	816	1358
2321	Textile finishing	14	7	21	2114	827	2941	2128	834	2962
2322	Household textiles (exc floor coverings)	22	21	43	483	1376	1859	505	1397	1902
231-232	Total textiles, yarns & woven fabrics	43	33	76	15852	12155	28007	15895	12188	28083

For footnotes see end of table

TABLE 1—MANUFACTURING ESTABLISHMENTS (a)—AVERAGE EMPLOYMENT (b) BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(Number)

ASIC code	Industry—class	Persons employed—average over whole year								
		Working proprietors			Employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
	Other textile products									
2331	Textile floor coverings	..	..	..	2548	1925	4473	2548	1925	4473
2332	Felt & felt products	2	..	2	518	145	663	520	145	665
2333	Canvas & associated products nec.	63	34	97	1269	975	2244	1332	1009	2341
2334	Rope, cordage & twine	2	2	4	512	335	847	514	337	851
2335	Textile products nec.	7	5	12	1431	1329	2760	1438	1334	2772
233	Total other textile products	74	41	115	6278	4709	10987	6352	4750	11102
23	Total textiles	117	74	191	22130	16864	38994	22247	16938	39185
	Clothing & footwear									
	Knitting mills									
2411	Hosiery	8	2	10	1313	2542	3855	1321	2544	3865
2412	Cardigans & pullovers	48	35	83	1486	4963	6449	1534	4998	6532
2413	Knitted goods nec.	10	8	18	2035	3114	5349	2045	3322	5367
241	Total knitting mills	66	45	111	4834	10819	15653	4900	10864	15764
	Clothing									
2421	Womens & girls blouses & frocks	217	221	438	1027	9122	10149	1244	9343	10587
2422	Womens & girls outerwear nec.	147	131	278	1019	6523	7542	1166	6654	7820
24.3	Mens & boys trousers & shorts									
	work clothing	43	27	70	1933	9300	11233	1976	9327	11303
2424	Mens & boys suits & coats									
	waterproof clothing	36	15	51	1787	4161	5948	1823	4176	5999
2425	Underwear, nightwear, shirts & infants clothing nec.	46	35	81	1253	11285	12538	1299	11320	12619
2426	Foundation garments	1	1	2	395	2257	2652	396	2258	2654
2427	Headwear	14	14	28	159	326	485	173	340	513
2428	Clothing nec.	85	70	155	823	2635	3458	908	2705	3613
242	Total clothing	589	514	1103	8396	45609	54005	8985	46123	55108
	Footwear									
2431	Rubber footwear	5	4	9	1342	2311	3653	1347	2315	3662
2432	Footwear nec.	62	38	100	4080	5386	9386	4062	5424	9486
243	Total footwear	67	42	109	5342	7697	13039	5409	7739	13148
24	Total clothing & footwear	722	601	1323	18572	64125	82697	19294	64726	84020
	Wood, wood products & furniture									
	Wood & wood products									
2511	Log sawmilling	525	146	671	12273	796	13069	12798	942	13740
2512	Resawn & dressed timber	37	11	48	8584	833	9417	8621	844	9465
2513	Plywood & manufactured boards	1	1	2	5233	1028	6261	5234	1029	6263
2514	Joinery & wooden structural fittings	647	292	939	13987	1604	15591	14634	1896	16530
2515	Wooden containers	74	27	101	1395	192	1587	1469	219	1688
2516	Wood, cork, etc., products nec.	121	51	172	2929	802	3731	3050	853	3903
251	Total wood & wood products	1405	528	1933	44401	5255	49656	45806	5781	51589
	Furniture & mattresses									
2521	Furniture exc. sheet metal	638	269	907	18706	4232	22938	19344	4501	23845
2522	Mattresses exc. rubber or wire	22	13	35	1408	1006	2414	1430	1019	2449
252	Total furniture & mattresses	660	282	942	20114	5238	25352	20774	5520	26294
25	Total wood, wood products & furniture	2065	810	2875	64515	10493	75008	66580	11303	77483
	Paper & paper products, printing									
	Paper & paper products									
2611	Pulp, paper & paperboard	..	..	..	10137	978	11115	10137	978	11115
2612	Paper bags incl. textile bags	9	3	12	1454	1064	2518	1463	1067	2530
2613	Solid fibreboard containers	8	7	15	2998	1395	4393	3006	1402	4408
2614	Corrugated fibreboard containers	2	2	4	4384	1161	5545	4386	1163	5549
2615	Paper products nec.	9	5	14	2673	1329	4002	2682	1334	4016
261	Total paper & paper products	28	17	45	21646	5927	27573	21674	5944	27618
	Printing & publishing									
2621	Publishing, printing & publishing	152	86	238	22723	7837	30560	22875	7923	30798
2622	Commercial & job printing, stationery & binding	574	279	853	23090	10928	34018	23664	11207	34871
2623	Printing trade services nec.	45	27	72	3292	734	4026	3337	761	4098
262	Total printing & publishing	771	392	1163	49105	19499	68604	49876	19891	69767
26	Total paper & paper products, printing	799	409	1208	70781	25426	96177	71580	25835	97385
	Chemical, petroleum & coal products									
	Basic chemicals									
2711	Chemical fertilisers	5	2	7	3866	388	4254	3871	390	4261
2712	Industrial gases				Not available for publication, included with group 271 'Basic chemicals'					
2713	Plastic materials	1	..	1	3674	437	4111	3675	437	4112
2714	Organic industrial chemicals nec.				2565 264 2829 2565 264 2829					
2715	Inorganic industrial chemicals nec.				Not available for publication, included with group 271 'Basic chemicals'					

For footnotes see end of table

TABLE 3.—MANUFACTURING ESTABLISHMENTS (a)—AVERAGE EMPLOYMENT (b) BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(Number)

ASIC code	Industry class	Persons employed—average over whole year								
		Working proprietors			Employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
271	Total basic chemicals.....	8	4	12	16824	2157	18981	16832	2161	18993
2721	Other chemical & related products Ammunition, explosives & fireworks.....	Not available for publication; included with group 272 <sup>1</sup> Other chemical and related products <sup>2</sup>								
2722	Paints, varnishes and lacquers.....	15	3	18	5249	1548	6797	5264	1551	6815
2723	Pharmaceutical & veterinary products.....	5	9	14	5534	4645	10179	5539	4654	10193
2724	Pesticides & agricultural chemicals.....	5	2	7	826	388	1214	831	390	1221
2725	Soap & other detergents.....	29	13	42	4013	1746	5759	4042	1759	5801
2726	Cosmetics & toilet preparations.....	2	2	4	1701	2869	4570	1703	2871	4574
2727	Inks.....	1	1	2	825	179	1004	826	180	1006
2728	Chemical products nec.....	Not available for publication; included with group 272 <sup>1</sup> Other chemical and related products <sup>2</sup>								
272	Total other chemical & related products.....	69	81	150	22585	13363	35948	22654	13396	36050
273	Petroleum refining.....	1	1	2	4204	251	4455	4205	251	4456
274	Petroleum & coal products nec.....	1	1	2	811	99	910	831	99	930
27	Total chemical, petroleum & coal products.....	78	37	115	44444	15870	60314	44522	15907	60429
	Non-metallic mineral products									
	Glass & glass products									
2811	Plate & sheet glass.....									
2812	Glass bottles & jars.....	5	3	8	6761	993	7754	6766	996	7762
2813	Glass products nec.....									
281	Total glass & glass products.....	5	3	8	6761	993	7754	6766	996	7762
	Clay products									
2821	Clay bricks & clay refractories.....	28	2	30	8598	488	9086	8626	490	9116
2822	Ceramic construction goods.....	2	2	4	2624	372	2996	2626	374	3000
2823	China & other ceramic goods nec.....	15	9	24	1445	809	2254	1460	818	2278
282	Total clay products.....	45	13	58	12667	1669	14336	12712	1682	14394
	Cement & concrete products									
2831	Cement.....									
2832	Ready mixed concrete.....	36	13	49	2755	256	3011	2791	269	3060
2833	Concrete pipes.....	Not available for publication; included with group 283 <sup>1</sup> Cement and concrete products <sup>2</sup>								
2834	Concrete products exc. pipes.....	137	56	193	5981	515	6496	6118	571	6689
2835	Asbestos cement products.....	Not available for publication; included with group 283 <sup>1</sup> Cement and concrete products <sup>2</sup>								
283	Total cement & concrete products.....	178	71	251	18503	1475	19980	18683	1548	20231
	Other non-metallic mineral products									
2841	Plaster products.....	31	18	49	1724	182	1906	1755	200	1955
2842	Stone products.....	62	22	84	529	67	596	591	89	680
2843	Non-metallic mineral products nec.....	19	5	24	2170	380	2550	2189	385	2574
284	Total other non-metallic mineral products.....	112	45	157	4423	629	5052	4515	674	5209
28	Total non-metallic mineral products.....	340	134	474	42386	4766	47122	42696	4900	47896
	Basic metal products									
	Basic iron & steel									
2911	Iron & steel pelleting & metallising.....									
2912	Iron & steel basic products.....	4	1	5	46223	3474	49697	46227	3475	49702
2913	Iron & steel castings & forgings.....	43	8	51	10347	645	10992	10390	653	11043
2914	Steel pipes & tubes.....	5	2	7	6308	607	6915	6313	609	6922
291	Total basic iron & steel.....	52	11	63	64101	4797	68898	64253	4088	68961
	Non-ferrous metal basic products									
2921	Smelting & refining of copper.....									
2922	Smelting & refining of silver, lead & zinc.....									
2925	Smelting & refining of nickel.....									
2926	Smelting & refining of non- ferrous metals nec.....									
2923	Alumina.....									
2924	Smelting of aluminium.....									
2927	Rolling, drawing & extruding of aluminium.....									
2928	Rolling, drawing & extruding of non-ferrous metals nec.....									
2929	Non-ferrous metal castings.....	35	15	50	1622	274	1896	1657	289	1946

For footnotes see end of table

TABLE 3—MANUFACTURING ESTABLISHMENTS (a)—AVERAGE EMPLOYMENT (b) BY INDUSTRY CLASS—continued  
AUSTRALIA, 1976-77  
(Number)

ASIC code	Industry class	Persons employed—average over whole year								
		Working proprietors			Employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
2931	Secondary recovery & alloying of non-ferrous metals nec.	6	2	8	1404	225	1629	1410	227	1637
292-293	Total non-ferrous metal <sup>a</sup>									
	basic products	41	17	58	22891	1804	24785	22917	1911	24941
29	Total basic metal products	93	28	121	86992	6691	93683	87045	6719	93804
	Fabricated metal products									
	Fabricated structural metal products									
3111	Fabricated structural steel	313	116	429	13393	1119	14512	13706	1235	14941
3112	Architectural aluminium products	30	33	113	6521	1582	8103	6601	1615	8216
3113	Architectural metal products nec.	127	48	175	1791	308	2099	1918	356	2274
3114	Boiler & plate work	30	13	43	5331	525	5856	5361	538	5899
311	Total fabricated structural metal products	530	210	760	27036	3334	30570	27586	3744	31330
	Sheet metal products									
3121	Metal containers				4767	2039	6806	4767	2039	6806
3122	Sheet metal furniture	15	6	19	2540	517	3077	2553	543	3096
3123	Sheet metal products nec.	219	106	325	13349	3632	16981	13568	3738	17306
312	Total sheet metal products	232	112	344	20656	6208	26864	20888	6320	27208
	Other fabricated metal products									
3131	Cutlery & hand tools	12	3	15	1888	609	2497	1900	612	2512
3132	Springs & wire products	62	26	88	6647	1686	7733	6109	1712	7821
3133	Nuts, bolts, screws & rivets	11	3	14	3245	759	4004	3256	762	4018
3134	Metal coating & finishing	116	45	161	4050	854	4904	4166	899	5065
3135	Steam, gas & water fittings	15	1	16	3525	1169	4694	3340	1170	4710
3136	Metal blinds & awnings	27	15	42	1243	923	2166	1270	938	2208
3137	Fabricated metal products nec.	261	118	379	13649	4003	17652	13910	4121	18031
313	Total other fabricated metal products	504	211	715	33647	10003	43650	34151	10214	44365
31	Total fabricated metal products	1286	533	1819	81339	19745	101084	82625	20278	102903
	Transport equipment									
	Motor vehicles & parts									
3211	Motor vehicles	7	3	10	44604	4483	49087	44611	4486	49097
3212	Truck & bus bodies, trailers, caravans	139	57	196	8382	1145	9727	8721	1202	9923
3213	Motor vehicle instruments & electrical equipment nec.	2	1	3	2178	2356	4534	2180	2357	4537
3214	Motor vehicle parts nec.	131	62	193	17355	6303	23658	17486	6365	23851
321	Total motor vehicles & parts	279	123	402	72719	14287	87006	72998	14410	87408
	Other transport equipment									
3221	Ship building & repair	11	3	14	13070	436	13506	13081	439	13520
3222	Boat building & repair	114	46	160	2817	347	3164	2931	393	3324
3223	Locomotives, rolling stock & repair	11	3	14	24552	422	23974	24552	422	24974
3224	Aircraft building & repair	4	1	5	11454	985	12439	11458	986	12444
3225	Transport equipment nec.	6	6	12	1021	528	1549	1027	534	1561
322	Total other transport equipment	135	36	191	52914	2718	55642	51040	2754	53794
32	Total transport equipment	414	179	593	126633	17005	142638	126047	17184	143231
	Other machinery & equipment									
	Photographic, professional & scientific equipment									
3311	Photographic goods, optical instruments & film processing	21	10	31	3074	3061	6135	3095	3071	6166
3312	Measuring apparatus & professional & scientific equipment nec.	27	14	41	2306	1105	3411	2333	1119	3452
331	Total photographic, professional & scientific equipment	48	24	72	5380	4166	9546	5428	4190	9618
	Appliances & electrical equipment									
3321	TV, radios & electronic equipment nec.	20	9	29	13200	10502	23702	13220	10511	23731
3322	Refrigerators & household appliances	34	12	46	17356	7526	24882	17390	7538	24928
3323	Water heating systems	15	4	19	1634	302	1936	1649	306	1955
3324	Electric & telephone cable & wire				3749	1344	5093	3749	1344	5093
3325	Batteries	21	11	32	2442	484	2926	2463	495	2958
3326	Electrical machinery & equipment nec.	97	51	148	18490	9754	28244	18587	9805	28392

For footnotes see end of table

TABLE 3.—MANUFACTURING ESTABLISHMENTS (a)—AVERAGE EMPLOYMENT (b) BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(Number)

ASIC code	Industry class	Persons employed—average over whole year								
		Working proprietors			Employees			Persons employed		
		Males	Females	Total	Males	Females	Total	Males	Females	Total
332	Total appliances & electrical equipment	187	87	274	56871	29912	86783	57058	29999	87057
3331	Industrial machinery & equipment									
	Agricultural machinery & equipment	87	38	125	11781	1126	12907	11868	1164	13032
3332	Construction & earthmoving machinery	13	5	18	2403	266	2669	2416	271	2687
3333	Materials handling equipment	37	20	57	5432	653	6085	5469	673	6142
3334	Woodworking & metalworking machinery	19	12	31	3032	525	3557	3051	537	3588
3335	Pumps & compressors	18	6	24	4525	589	5114	4543	595	5138
3336	Commercial space heating & air conditioning equipment	5	3	8	3103	419	3522	3108	422	3530
3337	Dies, saw blades & machine tool accessories	104	56	160	4315	729	5044	4419	795	5204
3338	Food processing machinery	12	4	16	3532	264	3796	3544	268	3812
3339	Industrial machinery & equipment nec	282	118	400	24771	3221	27992	25053	3339	28392
334	Total industrial machinery & equipment	577	262	839	62894	7792	70686	63471	8054	71525
33	Total other machinery & equipment	812	373	1185	125145	41870	167015	125987	42243	168230
	Miscellaneous manufacturing									
	Leather & leather products									
3411	Leather tanning & fur dressing	14	4	18	1984	514	2498	1998	518	2516
3412	Leather & substitute products nec	64	36	100	1035	1483	2518	1099	1519	2618
341	Total leather & leather products	78	40	118	1019	1997	5016	3097	2037	5134
	Rubber products									
3421	Rubber tyres, tubes, belts, hose, sheets	3		3	8304	890	9194	8307	890	9197
3422	Rubber products nec	8	2	10	3858	1612	5470	3866	1614	5480
342	Total rubber products	11	2	13	12162	2502	14664	12173	2504	14677
	Plastic & related products									
3431	Flexible packing, materials & products	8	2	10	4667	1817	6484	4675	1819	6494
3432	Rigid plastic sheeting	4	2	6	393	96	489	397	98	495
3433	Hard surface floor coverings nec				299	50	349	299	50	349
3434	Plastic products nec	107	52	159	12930	9624	22554	13037	9676	22713
343	Total plastic & related products	119	56	175	18289	11587	29876	18408	11643	30051
	Other manufacturing									
3441	Ophthalmic articles	8	2	10	849	843	1692	857	845	1702
3442	Jewellery & silverware	110	61	171	1311	771	2082	1421	832	2253
3443	Brooms & brushes	17	8	25	927	832	1759	944	840	1784
3444	Signs & advertising displays	116	62	178	2476	705	3181	2592	767	3359
3445	Sporting equipment	66	36	102	1473	742	2215	1539	778	2317
3446	Writing & marking equipment	14	7	21	625	733	1358	639	740	1379
3447	Manufacturing nec	49	32	81	1388	1189	2577	1437	1221	2658
344	Total other manufacture	180	208	388	9049	5815	14864	9429	6021	15450
34	Total miscellaneous manufacturing	588	306	894	42519	21901	64420	43107	22207	65314
	TOTAL MANUFACTURING	8692	4299	12991	867419	295421	1162840	876111	299720	1175831

(a) All manufacturing establishments owned by multi-establishment enterprises and single-establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes); (b) Average employment over whole year.

TABLE 4.—MANUFACTURING ESTABLISHMENTS (a)—WAGES AND SALARIES PAID (b) IN EACH INDUSTRY CLASS  
AUSTRALIA 1976-77

		(\$'000)		
ASIC code	Industry class	Paid to administrative, office, sales and distribution employees	Paid to production and all other workers	Paid to all employees
	<b>Food, beverages &amp; tobacco</b>			
	<b>Meat products</b>			
2111	Meat & abattoir by-products	6524	368039	43273
2112	Fresh & frozen poultry	10136	32790	42926
2113	Bacon, ham & smallgoods	17517	47976	65493
2114	Casings of animal origin	634	3423	4057
211	<b>Total meat products</b>	91521	452228	543749
	<b>Milk products</b>			
2121	Liquid milk & cream			
2122	Butter			
2123	Cheese			
2124	Ice cream & frozen confections	7110	113377	183866
2125	Milk products nec			
212	<b>Total milk products</b>	70470	113377	183866
	<b>Fruit &amp; vegetable products</b>			
2131	Fruit products	11314	28956	40270
2132	Vegetable products	21967	49010	70977
213	<b>Total fruit &amp; vegetable products</b>	33281	77966	111247
214	Margarine & oils & fats nec	17424	17627	35051
	<b>Flour mill &amp; cereal food products</b>			
2151	Flour mill products	7677	16052	23730
2152	Starch, gluten & starch sugar	3478	3012	6490
2153	Cereal foods & baking mixes	12715	23757	36472
215	<b>Total flour mill &amp; cereal food products</b>	23870	46821	70692
	<b>Bread, cakes &amp; biscuits</b>			
2161	Bread	56949	69252	126201
2162	Cakes & pastries	15422	40592	56014
2163	Biscuits	13610	37433	51044
216	<b>Total bread, cakes &amp; biscuits</b>	85982	147277	233259
	<b>Sugar &amp; other food products</b>			
2171	Raw sugar			
2172	Refined sugar			
2181	Confectionery & cocoa products	19653	43906	63558
2182	Canned fish & other seafoods	989	3465	4454
2183	Prepared animal & bird foods	16145	22408	38553
2184	Food products nec			
2171-2	Raw & refined sugar	74155	122979	197134
218	<b>Total other food products</b>	110942	164757	265699
	<b>Beverages &amp; malt</b>			
2191	Soft drinks, cordials & syrups	35208	35454	70661
2192	Beer	40013	61493	101506
2193	Malt	1813	4340	6153
2194	Wine & brandy	14664	23634	38298
2195	Alcoholic beverages nec	1161	2081	3243
219	<b>Total beverages &amp; malt</b>	92859	127962	219867
221	Tobacco products	14163	18063	31967
21-22	<b>Total food, beverages &amp; tobacco</b>	840811	1218860	1787371
	<b>Textiles</b>			
	<b>Textiles, yarns &amp; woven fabrics</b>			
2311	Cotton spinning	411	659	1074
2312	Scoured & carbonised wool	2013	8546	10559
2313	Wool & man-made fibre tops	1612	5139	6752
2314	Man-made fibres & yarns	7077	29404	36480
2315	Man-made fibre broadwoven fabrics	7514	19719	27233
2316	Cotton yarns & broadwoven fabrics	11756	42767	54524
2317	Worsted yarns & broadwoven fabrics	6197	13845	20042
2318	Woolen yarns & broadwoven fabrics	3990	19671	23661
2319	Narrow woven & elastic fabrics	2783	7632	10415
2321	Textile finishing	3679	20960	26639
2322	Household textiles (exc. floor coverings)	3734	9684	12918
231-232	<b>Total textiles, yarns &amp; woven fabrics</b>	52270	179475	211745
	<b>Other textile products</b>			
2331	Textile floor coverings	14139	25781	36920
2332	Felt & felt products	2498	3815	6313

For footnotes see end of table

TABLE 4—MANUFACTURING ESTABLISHMENTS (a) — WAGES AND SALARIES PAID (b)  
IN EACH INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Paid to administrative, office, sales and distribution employees	Paid to production and all other workers	Paid to all employees
2331	Canvas & associated products nec	6441	10889	17340
2334	Rope, cordage & twine	1370	6174	7543
2335	Textile products nec	9200	15278	24478
231	Total other textile products	30648	61946	92594
<b>23</b>	<b>Total textiles</b>	<b>82918</b>	<b>241421</b>	<b>324339</b>
	<b>Clothing &amp; footwear</b>			
	Knitting mills			
2411	Hosiery	9466	32093	31559
2412	Cardigans & pullovers	8549	38595	47144
2413	Knitted goods nec	9876	34111	43987
241	Total knitting mills	27891	94799	122690
	Clothing			
2421	Women's & girls blouses & frocks	11196	55002	66198
2422	Women's & girls outerwear nec	7943	41814	49756
2423	Men's & boys trousers & shorts, work clothing	14633	61533	76166
2424	Men's & boys suits & coats, waterproof clothing	8454	34816	43271
2425	Underwear, nightwear shirts, & infants' lining nec	12114	70822	82936
2426	Foundation garments	6110	12613	18723
2427	Headwear	633	2344	2977
2428	Clothing nec	5673	17488	23161
242	Total clothing	67636	296491	364127
	Footwear			
2431	Rubber footwear	5057	21538	26595
2432	Footwear nec	11237	56775	68011
241	Total footwear	16293	78313	94606
<b>24</b>	<b>Total clothing &amp; footwear</b>	<b>111840</b>	<b>469605</b>	<b>581445</b>
	<b>Wood, wood products &amp; furniture</b>			
	Wood & wood products			
2511	Log sawmilling	17006	82555	99561
2512	Resawn & dressed timber	22489	54524	77013
2513	Plywood & manufactured boards	13637	42494	56132
2514	Joinery & wooden structural fittings	31883	98286	130169
2515	Wooden containers	2857	8489	11346
2516	Wood, cork, etc., products nec	7794	31269	39063
251	Total wood & wood products	85666	307618	403287
	Furniture & mattresses			
2521	Furniture exc. sheet metal	39097	141803	180899
2522	Mattresses exc. rubber or wire	6195	12521	18716
252	Total furniture & mattresses	45292	154324	199623
<b>25</b>	<b>Total wood, wood products &amp; furniture</b>	<b>140957</b>	<b>461942</b>	<b>602899</b>
	<b>Paper &amp; paper products, printing</b>			
	Paper & paper products			
2611	Pulp, paper & paperboard	36111	89388	125499
2612	Paper bags incl. textile bags	6729	14583	21312
2613	Nonal fibreboard containers	13480	25638	39118
2614	Corrugated fibreboard containers	16972	36989	53961
2615	Paper products nec	10090	25836	35927
261	Total paper & paper products	87182	192434	275877
	Printing & publishing			
2621	Publishing, printing & publishing	137632	163990	301622
2622	Commercial & job printing, stationery & binding	89334	205124	294478
2623	Printing trade services nec	10730	28252	38982
262	Total printing & publishing	237296	397366	634662
<b>26</b>	<b>Total paper &amp; paper products, printing</b>	<b>326640</b>	<b>589800</b>	<b>916440</b>
	<b>Chemical, petroleum &amp; coal products</b>			
	Basic chemicals			
2711	Chemical fertilisers	19957	28118	48075
2712	Industrial gases			
	Not available for publication; included with group 271 Basic chemicals			
2713	Plastic materials	21683	37112	48795
2714	Organic industrial chemicals nec	12952	22501	35453

For footnotes see end of table

TABLE 4—MANUFACTURING ESTABLISHMENTS (a) — WAGES AND SALARIES PAID (b)  
IN EACH INDUSTRY CLASS—continued  
AUSTRALIA, 1976-77  
(\$'000)

ANZIC code	Industry class	Paid to administrative, office, sales and distribution employees	Paid to production and all other workers	Paid to all employees
2715	Inorganic industrial chemicals nec.....	Not available for publication; included with group 271		
271	<i>Total basic chemicals</i> .....	108156	118151	226 707
2721	Other chemical & related products	Not available for publication; included with group 272		
2722	Paints, varnishes and lacquers.....	56090	28524	64554
2723	Pharmaceutical & veterinary products.....	52480	44256	96 726
2724	Pesticides & agricultural chemicals.....	6962	5240	12 202
2725	Soap & other detergents.....	33472	25543	59015
2726	Cosmetics & toilet preparations.....	23340	17075	40415
2727	Inks.....	5486	4066	9552
2728	Chemical products nec.....	Not available for publication; included with group 272		
272	<i>Total other chemical &amp; related products</i> .....	181421	161202	342 623
273	Petroleum refining.....	22291	18544	60835
274	Petroleum & coal products nec.....	2255	6152	8407
27	<b>Total chemical, petroleum &amp; coal products</b> .....	<b>315315</b>	<b>324450</b>	<b>639 775</b>
	Non-metallic mineral products			
	Glass & glass products			
2811	Plate & sheet glass.....	72767	61338	89265
2812	Glass bottles & jars.....			
2813	Glass products nec.....			
281	<i>Total glass &amp; glass products</i> .....	22767	66338	89265
	Clay products			
2821	Clay bricks & clay refractories.....	18009	73756	91665
2822	Ceramic construction goods.....	2242	23463	28 704
2823	China & other ceramic goods nec.....	4443	15257	19 700
282	<i>Total clay products</i> .....	24394	112453	146 849
	Cement & concrete products			
2831	Cement.....	13408	30067	43475
2832	Ready mixed concrete.....	14441	18404	32 848
2833	Concrete pipes.....	Not available for publication; included with group 283		
283	<i>Total cement &amp; concrete products</i> .....	27849	48471	64 598
2834	Concrete products excl. pipes.....	16160	45932	44 963
2835	Asbestos cement products.....	Not available for publication; included with group 283		
283	<i>Total cement &amp; concrete products</i> .....	68671	136441	208 316
	Other non-metallic mineral products			
2841	Plaster products.....	8810	9734	18 544
2842	Siliceous products.....	1206	3910	5 116
2843	Non-metallic mineral products nec.....	9643	13660	25 303
284	<i>Total other non-metallic mineral products</i> .....	19662	29404	49 063
28	<b>Total non-metallic mineral products</b> .....	<b>139635</b>	<b>346960</b>	<b>486 596</b>
	Basic metal products			
	Basic iron & steel			
2911	Iron ore pelleting & metallising.....	7215	10644	17 859
2912	Iron & steel basic products.....	163118	56 795	229 913
2913	Iron & steel castings & forgings.....	23171	59128	102 343
2914	Steel pipes & tubes.....	31492	47323	68 713
291	<i>Total basic iron &amp; steel</i> .....	21396	49770	71 248
	Non-ferrous metal basic products			
2921	Smelting & refining of copper.....	11	8015	9690
2922	Smelting & refining of silver, lead & zinc.....	Not available for publication; included with group 292		
2923	Smelting & refining of nickel.....	23274	47752	71 026
2924	Smelting & refining of non-ferrous metals nec.....	Not available for publication; included with group 292		
2925	Alumina.....	Not available for publication; included with group 292		
2926	Smelting of alumina.....	32402	56083	88 485
2927	Rolling, drawing & extruding of aluminium.....	12529	31769	44 298
2928	Rolling, drawing & extruding of non-ferrous metals nec.....	9614	25552	35 147
2929	Non-ferrous metal castings.....	3702	12888	16 590

For footnotes see end of table

TABLE 4—MANUFACTURING ESTABLISHMENTS (a)—WAGES AND SALARIES PAID (b)  
IN EACH INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Paid to administrative, office, sales and distribution employees	Paid to production and all other workers	Paid to all employees
2931	Secondary recovery & alloying of non-ferrous metals nec.....	5236	10117	15352
292-293	Total non-ferrous metal basic products.....	88434	192094	280528
<b>29</b>	<b>Total basic metal products.....</b>	<b>303495</b>	<b>689881</b>	<b>993376</b>
	Fabricated metal products			
	Fabricated structural metal products			
3111	Fabricated structural steel.....	32573	98046	130619
3112	Architectural aluminium products.....	27219	40309	67528
3113	Architectural metal products nec.....	5611	11840	17451
3114	Boiler & plate work.....	15016	41366	56382
311	Total fabricated structural metal products.....	80419	191561	271981
	Sheet metal products			
3121	Metal containers.....	19924	46704	66628
3122	Sheet metal furniture.....	8117	16635	24752
3123	Sheet metal products nec.....	41330	101334	142664
312	Total sheet metal products.....	69371	164673	234044
	Other fabricated metal products			
3131	Cutlery & hand tools.....	7778	14814	22592
3132	Springs & wire products.....	20214	44147	64362
3133	Nuts, bolts, screws & rivets.....	11918	25498	37416
3134	Metal coating & finishing.....	10075	32576	42652
3135	Steam, gas & water fittings.....	10623	28873	39494
3136	Metal blinds & awnings.....	8839	8670	17509
3137	Fabricated metal products nec.....	50155	102613	152768
313	Total other fabricated metal products.....	119600	257193	376793
<b>31</b>	<b>Total fabricated metal products.....</b>	<b>269391</b>	<b>613427</b>	<b>882818</b>
	Transport equipment			
	Motor vehicles & parts			
3211	Motor vehicles.....	141086	336176	477261
3212	Truck & bus bodies, trailers, caravans.....	18924	64297	83221
3213	Motor vehicle instruments & electrical equipment nec.....	9748	25273	35021
3214	Motor vehicle parts nec.....	50395	148280	198676
321	Total motor vehicles & parts.....	220153	574026	794179
	Other transport equipment			
3221	Ship building & repair.....	36903	97304	134207
3222	Boat building & repair.....	4969	20614	25583
3223	Locomotives, rolling stock & repair.....	29240	177112	207582
3224	Aircraft building & repair.....	46902	83318	136481
3225	Transport equipment nec.....	3956	6590	10546
322	Total other transport equipment.....	121970	392428	514199
<b>32</b>	<b>Total transport equipment.....</b>	<b>342124</b>	<b>966454</b>	<b>1308578</b>
	Other machinery & equipment			
	Photographic, professional & scientific equipment			
3311	Photographic goods, optical instruments & film processing.....	18395	34982	53377
3312	Measuring apparatus & professional & scientific equipment nec.....	12045	19199	31444
331	Total photographic, professional & scientific equipment.....	30440	54181	84821
	Appliances & electrical equipment			
3321	TV, radios & electronic equipment nec.....	77920	128308	206228
3322	Refrigerators & household appliances.....	59858	146644	206502
3323	Water heating systems.....	5857	11564	17421
3324	Electric & telephone cable & wire.....	19524	31711	51235
3325	Batteries.....	8432	18024	26456
3326	Electrical machinery & equipment nec.....	76459	162535	238993
332	Total appliances & electrical equipment.....	248050	498785	746834
	Industrial machinery & equipment			
3331	Agricultural machinery & equipment.....	32151	86641	118792
3332	Construction & earthmoving machinery.....	7096	17425	24521
3333	Materials handling equipment.....	19901	39004	58905

For footnotes see end of table

TABLE 4.—MANUFACTURING ESTABLISHMENTS (a)—WAGES AND SALARIES PAID (b)  
IN EACH INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Paid to administrative, office, sales and distribution employees	Paid to production and all other workers	Paid to all employees
3334	Woodworking & metalworking machinery .....	11520	22035	33555
3335	Pumps & compressors .....	17975	28916	46892
3336	Commercial space heating & air conditioning equipment .....	11080	22575	33655
3337	Dies, saw blades & machine tool accessories .....	11751	35955	47705
3338	Food processing machinery .....	10576	25116	35692
3339	Industrial machinery & equipment nec .....	78278	180911	259189
333	<i>Total industrial machinery &amp; equipment</i> .....	<i>200327</i>	<i>458578</i>	<i>658906</i>
33	<b>Total other machinery &amp; equipment</b> .....	<b>478817</b>	<b>1011744</b>	<b>1490561</b>
	Miscellaneous manufacturing			
	Leather & leather products			
3411	Leather tanning & fur dressing .....	3691	16860	20551
3412	Leather & substitute products nec .....	4150	14422	18571
341	<i>Total leather &amp; leather products</i> .....	<i>7841</i>	<i>31282</i>	<i>39122</i>
	Rubber products			
3421	Rubber tyres, tubes, belts, hose, sheets .....	23048	73938	96986
3422	Rubber products nec .....	12928	34258	47185
342	<i>Total rubber products</i> .....	<i>35976</i>	<i>108196</i>	<i>144171</i>
	Plastic & related products			
3431	Flexible packing, materials & products .....	25845	39263	65109
3432	Rigid plastic sheeting .....	1803	2789	4592
3433	Hard surface floor coverings nec .....	1338	1918	3256
3434	Plastic products nec .....	55866	136502	192369
343	<i>Total plastic &amp; related products</i> .....	<i>84853</i>	<i>180473</i>	<i>265326</i>
	Other manufacturing			
3441	Ophthalmic articles .....	3192	9285	12477
3442	Jewellery & silverware .....	4523	11078	15602
3443	Brooms & brushes .....	4537	8181	12718
3444	Signs & advertising displays .....	10486	16431	26917
3445	Sporting equipment .....	4707	12260	16966
3446	Writing & marking equipment .....	4164	6058	10222
3447	Manufacturing nec .....	4431	9689	14121
344	<i>Total other manufacturing</i> .....	<i>36041</i>	<i>72982</i>	<i>109023</i>
34	<b>Total miscellaneous manufacturing</b> .....	<b>164710</b>	<b>392932</b>	<b>557642</b>
	<b>TOTAL MANUFACTURING</b> .....	<b>3210364</b>	<b>7325475</b>	<b>10535839</b>

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (b) Excludes amounts drawn by working proprietors.

TABLE 5.—MANUFACTURING ESTABLISHMENTS (a)—COMPONENTS OF TURNOVER BY INDUSTRY CLASS  
AUSTRALIA 1976-77

ASIC code	Industry class	(\$'000)					
		Sales and transfers out of (b)			All other operating revenue (c)	Capital work done for own use (d)	Total turnover
		Goods manu- factured by this establish- ment	Goods not factured by this establish- ment	Total			
<b>Food, beverages &amp; tobacco</b>							
<b>Meat products</b>							
2111	Meat & abattoir by-products	1614921	24924	1639845	211762	2090	1853696
2112	Fresh & frozen poultry	280626	9471	290097	495	47	290639
2113	Bacon, ham & smallgoods	357455	12472	369927	453	179	370559
2114	Casings of animal origin	13784	1199	14983	420	-	15403
211	<i>Total meat products</i>	2266786	48066	2314852	213129	2316	2530298
<b>Milk products</b>							
2121	Liquid milk & cream						
2122	Butter						
2123	Cheese						
2124	Ice cream & frozen confections	1284398	70331	1354729	24478	871	1380078
2125	Milk products nec.						
212	<i>Total milk products</i>	1284398	70331	1354729	24478	871	1380078
<b>Fruit &amp; vegetable products</b>							
2131	Fruit products	233558	5584	239142	4034	535	243711
2132	Vegetable products	333653	8264	341916	962	383	343261
213	<i>Total fruit &amp; vegetable products</i>	567211	13848	581059	4996	917	586972
214	Margarine & oils & fats nec.	282730	9836	292566	3466	350	296382
<b>Flour mill &amp; cereal food products</b>							
2151	Flour mill products	240247	10759	251006	1284	13	252302
2152	Starch, gluten & starch sugar	69832	4481	74313	301	544	75159
2153	Cereal foods & baking mixes	224365	7661	232026	1246	433	233705
215	<i>Total flour mill &amp; cereal food products</i>	534443	22902	557345	2831	990	561166
<b>Bread, cakes &amp; biscuits</b>							
2161	Bread	394749	13923	408671	361	65	409097
2162	Cakes & pastries	170692	3157	173849	119	42	174009
2163	Biscuits	167987	7918	175905	124	209	176238
216	<i>Total bread, cakes &amp; biscuits</i>	733428	24998	758425	603	316	759344
<b>Sugar &amp; other food products</b>							
2171	Raw sugar						
2172	Refined sugar						
2181	Confectionery & cocoa products	268134	4908	273042	545	57	273643
2182	Canned fish & other seafoods	29118	1360	30478	250	-	30728
2183	Prepared animal & bird foods	406150	22875	429026	1588	63	43076
2184	Food products nec.						
2171-2	Raw & refined sugar	1141929	21892	1163822	48140	20137	1232100
218	<i>Total other food products</i>	1845332	51035	1896367	50523	20256	1967147
217	<i>Total sugar</i>						
<b>Beverages &amp; malt</b>							
2191	Soft drinks, cordials & syrups	388149	42762	430911	1437	110	432458
2192	Beer	476742	2684	479426	493	393	480312
2193	Malt	77923	476	78399	203	5	78607
2194	Wine & brandy	229434	11948	241382	3619	287	245289
2195	Alcoholic beverages nec.	15205	274	15478	273	57	15809
219	<i>Total beverages &amp; malt</i>	1187453	58143	1245596	6026	852	1252474
221	Tobacco products	314665	682	315346	1751	787	317885
21-22	<b>Total food, beverages &amp; tobacco</b>	<b>9016446</b>	<b>299841</b>	<b>9316287</b>	<b>307804</b>	<b>27656</b>	<b>9661747</b>
<b>Textiles</b>							
<b>Textiles, yarns &amp; woven fabrics</b>							
2311	Cotton ginning	12051	42	12093	1635	28	13757
2312	Scoured & carbonised wool	71576	1100	72675	12204	30	84909
2313	Wool & man-made fibre tops	63006	1613	64619	194	54	64868
2314	Man-made fibres & yarns	128322	375	128697	5511	202	134410
2315	Man-made fibres, broadwoven fabrics	104151	803	104954	3156	-	108110
2316	Cotton yarns & broadwoven fabrics	183440	7060	190500	2222	200	192923
2317	Worsted yarns & broadwoven fabrics	60507	1092	61598	2463	85	64146
2318	Woolen yarns & broadwoven fabrics	82234	1399	83633	871	51	84555
2319	Narrow woven & elastic fabrics	32962	1447	34408	998	32	35438
2321	Textile finishing	58773	1828	60601	43699	21	104321
2322	Household textiles (exc. floor coverings)	43846	4577	48423	5185	-	53608
231-232	<i>Total textiles, yarns &amp; woven fabrics</i>	840867	21334	862201	78139	705	941045

Foot footnotes see end of table

TABLE 5.—MANUFACTURING ESTABLISHMENTS (a)—COMPONENTS OF TURNOVER BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Sales and transfers out of (b)			All other operating revenue (c)	Capital work done for own use (d)	Total turnover
		Goods manufactured by this establishment	Goods not manufactured by this establishment	Total			
	Other textile products						
2331	Textile floor coverings.....	218333	5682	224015	2950	232	227197
2332	Felt & felt products.....	23509	1774	25283	159	16	25458
2333	Canvas & associated products nec.....	54291	7278	61569	4052	19	65639
2334	Rope, cordage & twine.....	29557	2350	31907	35	..	31942
2335	Textile products nec.....	90926	8474	99400	1712	225	101338
233	Total other textile products.....	416616	25558	442174	8908	491	451574
<b>23</b>	<b>Total textiles.....</b>	<b>1257484</b>	<b>46892</b>	<b>1304376</b>	<b>87047</b>	<b>1195</b>	<b>1392619</b>
	Clothing & footwear						
	Knitting mills						
2411	Hosiery.....	79197	1603	80801	323	..	81124
2412	Cardigans & pullovers.....	136534	3325	139859	6132	2	145993
2413	Knitted goods nec.....	184689	7614	192302	11917	..	204220
241	Total knitting mills.....	400420	12542	412962	18372	2	41336
	Clothing						
2421	Womens & girls blouses & frocks.....	170245	6447	176692	44034	1	220727
2422	Womens & girls outerwear nec.....	128066	1416	129482	34576	7	164065
7423	Mens & boys trousers & shorts; work clothing.....	188386	10014	198399	40313	90	238803
2424	Mens & boys suits & coats; waterproof clothing.....	81596	5808	87405	13497	2	100904
2425	Underwear, nightwear, shirts & infants clothing nec.....	198705	7160	205865	36698	..	242563
2426	Foundation garments.....	62210	3026	65237	3472	..	65709
2427	Headwear.....	6415	773	7188	473	..	7660
2428	Clothing nec.....	53999	8194	62193	8841	1	71035
242	Total clothing.....	889622	42838	932460	181905	102	1114466
	Footwear						
2431	Rubber footwear.....	79682	403	80086	4022	8	84115
2432	Footwear nec.....	180660	8592	189252	4836	..	194088
243	Total footwear.....	260342	8996	269338	8857	8	278203
<b>24</b>	<b>Total clothing &amp; footwear.....</b>	<b>1550384</b>	<b>64376</b>	<b>1614760</b>	<b>209134</b>	<b>112</b>	<b>1824005</b>
	Wood, wood products & furniture						
	Wood & wood products						
2511	Log sawmilling.....	336384	13142	349527	6926	555	357008
2512	Resawn & dressed timber.....	314654	45961	360615	3617	504	364736
2513	Plywood & manufactured boards.....	215951	8257	224208	163	320	224690
2514	Joinery & wooden structural fittings.....	454690	30678	485368	7799	3844	497011
2515	Wooden containers.....	32435	3100	35535	1009	1375	37919
2516	Wood, cork, etc., products nec.....	149427	8046	157473	1617	166	159256
251	Total wood & wood products.....	1503542	109185	1612726	21130	6764	1640620
	Furniture & mattresses						
2521	Furniture exc. sheet metal.....	578445	13774	592220	22016	695	614930
2522	Mattresses exc. rubber or wire.....	87564	5442	93006	936	..	93942
252	Total furniture & mattresses.....	666009	19217	685226	22952	695	708872
<b>25</b>	<b>Total wood, wood products &amp; furniture.....</b>	<b>2169551</b>	<b>128401</b>	<b>2297952</b>	<b>44082</b>	<b>7459</b>	<b>2349492</b>
	Paper & paper products, printing						
	Paper & paper products						
2611	Pulp, paper & paperboard.....	490873	3696	494569	16697	913	512179
2612	Paper bags incl. textile bags.....	98163	11412	109575	201	39	109815
2613	Solid fibreboard.....	160504	6794	167299	1038	255	168592
2614	Corrugated fibreboard containers.....	263389	8710	272099	409	60	272568
2615	Paper products nec.....	184581	8439	193020	1808	66	194894
261	Total paper & paper products.....	1197510	39051	1236562	20153	1334	1258048
	Printing & publishing						
2621	Publishing, printing & publishing.....	338928	19455	358382	566811	409	925602
2622	Commercial & job printing, stationery & binding.....	792959	32232	825191	42970	116	868277
2623	Printing trade services nec.....	63666	828	64494	17082	..	81586
262	Total printing & publishing.....	1195551	52514	1248067	626871	525	1875463
<b>26</b>	<b>Total paper &amp; paper products, printing.....</b>	<b>2393063</b>	<b>91566</b>	<b>2484628</b>	<b>647026</b>	<b>1859</b>	<b>3133513</b>

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TABLE 5.—MANUFACTURING ESTABLISHMENTS (a)—COMPONENTS OF TURNOVER BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Sales and transfers out of (b)			All other operating revenue (c)	Capital work done for own use (d)	Total turnover
		Goods manu- factured by this establi- shment	Goods not manu- factured by this establi- shment	Total			
<b>Chemical, petroleum &amp; coal products</b>							
<b>Basic chemicals</b>							
2711	Chemical fertilisers.....	3470.36	18149	365186	24036	423	389645
2712	Industrial gases.....	Not available for publication; included with group 271					'Basic chemicals'
2713	Plastic materials.....	3742.69	15109	389378	1313	74	390765
2714	Organic industrial chemicals nec.....	31362.4	1117	314740	756	345	315841
2715	Inorganic industrial chemicals nec.....	Not available for publication; included with group 271					'Basic chemicals'
271	<i>Total basic chemicals</i> .....	134908.4	60027	1409111	29935	2178	1441224
<b>Other chemical &amp; related products</b>							
2721	Ammonium, explosives & fireworks.....	Not available for publication; included with group 272					'Other chemical and related products'
2722	Paints, varnishes and lacquers.....	29902.1	28195	327217	653	55	327924
2723	Pharmaceutical & veterinary products.....	40768.5	16215	423900	3908	304	428112
2724	Pesticides & agricultural chemicals.....	11028.3	7239	117522	366	229	118117
2725	Soap & other detergents.....	28632.3	28658	314981	317	507	315805
2726	Cosmetics & toilet preparations.....	19899.8	6088	205086	871	72	206028
2727	Inks.....	5154.2	8115	59656	62	..	59718
2728	Chemical products nec.....	Not available for publication; included with group 272					'Other chemical and related products'
272	<i>Total other chemical &amp; related products</i> .....	156601.6	118567	1684584	26559	2112	1713252
273	<i>Petroleum refining</i> .....	22789.7	27	227924	221689	1137	450751
274	<i>Petroleum &amp; coal products nec</i> .....	541.40	3692	57232	318	..	57550
27	<b>Total chemical, petroleum &amp; coal products</b> .....	<b>319713.7</b>	<b>181714</b>	<b>3378851</b>	<b>278499</b>	<b>5427</b>	<b>3662777</b>
<b>Non-metallic mineral products</b>							
<b>Glass &amp; glass products</b>							
2811	Plate & sheet glass.....						
2812	Glass bottles & jars.....						
2813	Glass products nec.....	27980.5	4853	284658	1073	517	286248
281	<i>Total glass &amp; glass products</i> .....	<i>27980.5</i>	<i>4853</i>	<i>284658</i>	<i>1073</i>	<i>517</i>	<i>286248</i>
<b>Clay products</b>							
2821	Clay bricks & clay refractories.....	27430.6	4231	278538	2234	714	281486
2822	Ceramic construction goods.....	7354.1	6190	79731	99	23	79853
2823	China & other ceramic goods nec.....	3938.4	2750	42133	1361	47	43541
282	<i>Total clay products</i> .....	<i>38723.0</i>	<i>13171</i>	<i>400402</i>	<i>3694</i>	<i>784</i>	<i>404880</i>
<b>Cement &amp; concrete products</b>							
2831	Cement.....	22488.5	4704	229590	259	581	230430
2832	Ready mixed concrete.....	38543.9	2048	387487	3149	95	390731
2833	Concrete pipes.....	Not available for publication; included with group 283					'Cement and concrete products'
2834	Concrete products exc. pipes.....	25464.7	14159	268806	2935	224	271965
2835	Asbestos cement products.....	Not available for publication; included with group 283					'Cement and concrete products'
283	<i>Total cement &amp; concrete products</i> .....	<i>107885.1</i>	<i>29019</i>	<i>1107870</i>	<i>9643</i>	<i>1261</i>	<i>1118773</i>
<b>Other non-metallic mineral products</b>							
2841	Plaster products.....	8722.6	15554	95780	1323	44	97147
2842	Stone products.....	1709.1	315	17407	253	..	17660
2843	Non-metallic mineral products nec.....	9966.1	8850	108511	2766	229	111506
284	<i>Total other non-metallic mineral products</i> .....	<i>19679.9</i>	<i>24719</i>	<i>221698</i>	<i>4342</i>	<i>274</i>	<i>226313</i>
28	<b>Total non-metallic mineral products</b> .....	<b>194286.5</b>	<b>71762</b>	<b>2014627</b>	<b>18751</b>	<b>2836</b>	<b>2036215</b>
<b>Basic metal products</b>							
<b>Basic iron &amp; steel</b>							
2911	Iron ore pelletising & metallising.....	18626.7	6	186274	4	268	186546
2912	Iron & steel basic products.....	23382.44	58458	2396702	40356	20333	2457391
2913	Iron & steel castings & forgings.....	25808.1	7365	295446	5498	1430	302374
2914	Steel pipes & tubes.....	24426.3	5251	249514	8809	1244	259667
291	<i>Total basic iron &amp; steel</i> .....	<i>305685.5</i>	<i>71081</i>	<i>3127936</i>	<i>54667</i>	<i>23275</i>	<i>3205878</i>
<b>Non-ferrous metal basic products</b>							
2921	Smelting & refining of copper.....	21949.8	..	219498	4949	34	224482
2922	Smelting & refining of silver, lead & zinc.....						
2925	Smelting & refining of nickel.....						
2926	Smelting & refining of non-ferrous metals nec.....	72129.6	468	721764	5936	1913	729614

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TABLE 5.—MANUFACTURING ESTABLISHMENTS (a)—COMPONENTS OF TURNOVER BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Sales and transfers out of (b)			All other operating revenue (c)	Capital work done for own use (d)	Total turnover
		Goods manufactured by this establishment	Goods not manufactured by this establishment	Total			
2923	Alumina .....						
2924	Smelting of aluminium .....						
2927	Rolling, drawing & extruding of aluminium .....	594146	..	594146	157740	776	752663
2928	Rolling, drawing & extruding of non-ferrous metals nec. ....	259452	2262	261714	172	524	262410
2929	Non-ferrous metal castings .....	215033	2989	218023	17856	2390	238268
2931	Secondary recovery & alloying of non-ferrous metals nec. ....	50156	3280	53436	530	62	54027
292-291	Total non-ferrous metal basic products .....	139596	10914	150510	3045	251	153807
29	Total basic metal products .....	2199178	19913	2219091	190229	5951	2415271
	<b>Total basic metal products .....</b>	<b>5256034</b>	<b>90994</b>	<b>5347027</b>	<b>244895</b>	<b>29226</b>	<b>5621149</b>
	Fabricated metal products						
	Fabricated structural metal products						
3111	Fabricated structural steel .....	512642	16439	529081	24851	1070	555001
3112	Architectural aluminium products .....	267893	16167	284060	4129	12	288201
3113	Architectural metal products nec. ....	61508	3683	65192	3623	32	68846
3114	Boiler & plate work .....	180234	3470	183704	11743	448	195896
311	Total fabricated structural metal products .....	1022278	39759	1062037	44346	1562	1107944
	Sheet metal products						
3121	Metal containers .....	332083	14183	346266	1077	113	347455
3122	Sheet metal furniture .....	76401	3984	80385	188	96	80670
3123	Sheet metal products nec. ....	452548	28594	481142	15094	502	496738
312	Total sheet metal products .....	861031	46761	907793	16259	711	924863
	Other fabricated metal products						
3131	Cutlery & hand tools .....	57821	9236	67057	1129	108	68293
3132	Springs & wire products .....	236229	20311	256540	5338	560	262488
3133	Nuts, bolts, screws & rivets .....	110134	7383	117518	713	98	118328
3134	Metal coating & finishing .....	11771	1460	13231	96791	38	110060
3135	Steam, gas & water fittings .....	117622	4532	122154	841	101	122796
3136	Metal ponds & awnings .....	62786	6599	69384	2307	109	71800
3137	Fabricated metal products nec. ....	37636	19728	39564	55504	576	451444
313	Total other fabricated metal products .....	971998	69249	1041247	162673	1590	1205510
31	<b>Total fabricated metal products .....</b>	<b>2855307</b>	<b>185769</b>	<b>3041076</b>	<b>223378</b>	<b>3863</b>	<b>3238318</b>
	Transport equipment						
	Motor vehicles & parts						
3211	Motor vehicles .....	2218810	88894	2307704	188696	16177	2512578
3212	Truck & bus bodies, trailers, caravans .....	297953	15460	313413	23611	166	337191
3213	Motor vehicle instruments & electrical equipment nec. ....	107216	5797	113012	1596	574	115183
3214	Motor vehicle parts nec. ....	587489	22201	609691	58431	780	669892
321	Total motor vehicles & parts .....	3211468	132352	3343820	272335	17698	3618851
	Other transport equipment						
3221	Ship building & repair .....	62082	1318	63400	175808	98	239306
3222	Boat building & repair .....	76371	4772	81143	122999	865	94307
3223	Locomotives, rolling stock & repair .....	144640	3271	147911	242984	15084	405980
3224	Aircraft building & repair .....	69279	5559	74838	211718	1810	288366
3225	Transport equipment nec. ....	38388	8681	47069	326	41	47436
322	Total other transport equipment .....	309750	23602	333352	643135	17898	1075194
32	<b>Total transport equipment .....</b>	<b>3602227</b>	<b>185984</b>	<b>3788211</b>	<b>915470</b>	<b>35596</b>	<b>4709247</b>
	Other machinery & equipment						
	Photographic, professional & scientific equipment						
3311	Photographic goods, optical instruments & film processing .....	81193	22014	103206	96418	3089	202714
3312	Measuring apparatus & professional & scientific equipment nec. ....	76962	14309	91271	10005	9	101286
331	Total photographic, professional & scientific equipment .....	158155	36323	194478	106423	3098	303999
	Appliances & electrical equipment						
3321	TV, radio & electronic equipment nec. ....	643011	18857	661868	44124	20782	726773

For footnotes see end of table

TABLE 5.—MANUFACTURING ESTABLISHMENTS (a)—COMPONENTS OF TURNOVER BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Sales and transfers out of (b)			All other operating revenue (c)	Capital work done for own use (d)	Total turnover
		Goods manufactured by this establishment	Goods not manufactured by this establishment	Total			
3322	Refrigerators & household appliances .....	736843	26277	763121	30230	855	794207
3323	Water heating systems .....	60953	4324	65277	5528	167	70973
3324	Electric & telephone cable & wire .....	217178	5144	222322	1719	669	224710
3325	Batteries .....	106371	5792	112163	2639	233	115035
3326	Electrical machinery & equipment nec .....	647685	46766	694452	66514	574	761539
332	Total appliances & electrical equipment .....	2412041	107161	2519202	150755	23280	2693237
3331	Industrial machinery & equipment .....	346076	12011	358088	11308	1729	371124
3332	Agricultural machinery & equipment .....	87636	7770	95407	4769	718	100893
3333	Construction & earthmoving machinery .....	170163	11221	181384	15463	943	197790
3334	Materials handling equipment .....						
	Woodworking & metalworking machinery .....	70391	4163	74554	6561	1209	82323
3335	Pumps & compressors .....	121740	14508	136248	22792	583	159623
3336	Commercial space heating & air conditioning equipment .....	124614	10340	134954	14244	121	149319
3337	Dies, saw blades & machine tool accessories .....	106265	8287	114552	8932	165	123649
3338	Food processing machinery .....	94394	12412	106806	8729	167	115702
3339	Industrial machinery & equipment nec .....	592764	39716	632481	139743	7619	779843
333	Total industrial machinery & equipment .....	1714044	120429	1834473	242541	13253	2080267
33	Total other machinery & equipment .....	4284240	263912	4548152	489719	39631	5037870
	Miscellaneous manufacturing						
3411	Leather & leather products						
	Leather tanning & fur dressing .....	89262	817	90079	4067	27	94173
3412	Leather & substitute products nec .....	55465	8778	64243	1197	3	65443
341	Total leather & leather products .....	144727	9595	154322	5264	30	159615
	Rubber products						
3421	Rubber tyres, tubes, belts, hoses, sheets .....	310449	4618	315067	1351	1224	317642
3422	Rubber products nec .....	127619	8766	136385	1892	192	138468
342	Total rubber products .....	438067	13384	451451	3243	1416	456110
	Plastic & related products						
3431	Flexible packing, materials & products .....	302069	15866	317935	3001	79	321016
3432	Rigid plastic sheeting .....	18850	756	19606	..	..	19606
3433	Hard surface floor coverings nec .....	19378	3143	22521	..	2	22523
3434	Plastic products nec .....	722015	40632	762646	6701	1217	770564
343	Total plastic & related products .....	1062312	60397	1122709	9702	1299	1133710
	Other manufacturing						
3441	Ophthalmic articles .....	28652	10112	38763	2676	39	41478
3442	Jewellery & silverware .....	51543	3681	55224	2254	11	57489
3443	Brushes & brushes .....	38547	5691	44238	437	43	44719
3444	Signs & advertising displays .....	58152	1634	59787	3086	578	60450
3445	Sporting equipment .....	51453	6662	58115	403	28	58548
3446	Writing & marking equipment .....	33405	9207	42612	86	9	42707
3447	Manufacturing nec .....	42809	5538	48346	6317	41	54704
344	Total other manufacturing .....	304561	42524	347085	15261	5948	368294
34	Total miscellaneous manufacturing .....	1949668	125899	2075567	33469	8693	2117729
	TOTAL MANUFACTURING .....	39474405	1677079	41151485	3499274	163556	44814315

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (b) Transfers out to other establishments of the same enterprise. (c) Excludes rents, leasing revenue, interest, dividends and receipts from sales of fixed assets. Includes imputed commission for work done or sales carried out on behalf of other establishments of the same enterprise. (d) Or for rental or lease.

TABLE 6.—MANUFACTURING ESTABLISHMENTS (a)—STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Materials/fuels etc.		Work in progress		Finished goods		Total stocks	
		at	at	at	at	at	at	at	at
		30 June 1976	30 June 1977	30 June 1976	30 June 1977	30 June 1976	30 June 1977	30 June 1976	30 June 1977
	<b>Food, beverages &amp; tobacco</b>								
	<b>Meat products</b>								
2111	Meat & abattoir by-products	19513	24644	2740	3371	67550	75092	89803	103107
2112	Fresh & frozen poultry	2516	3046	2875	3151	12329	9958	17720	16154
2113	Bacon, ham & smallgoods	10743	11538	1991	2576	9069	10243	21803	24357
2114	Casings of animal origin	114	160	66	71	1066	977	1246	1208
211	<b>Total meat products</b>	<b>12886</b>	<b>19188</b>	<b>7672</b>	<b>9169</b>	<b>90014</b>	<b>96269</b>	<b>130572</b>	<b>144827</b>
	<b>Milk products</b>								
2121	Liquid milk & cream								
2122	Butter								
2123	Cheese	45123	49295	691	771	44791	42938	90606	93003
2124	Ice cream & frozen confections								
2125	Milk products nec.								
212	<b>Total milk products</b>	<b>45123</b>	<b>49295</b>	<b>691</b>	<b>771</b>	<b>44791</b>	<b>42938</b>	<b>90606</b>	<b>93003</b>
	<b>Fruit &amp; vegetable products</b>								
2131	Fruit products	16269	17530	1370	1463	68623	60052	86262	79044
2132	Vegetable products	26271	26796	7311	10112	45511	46132	79153	83040
213	<b>Total fruit &amp; vegetable products</b>	<b>42539</b>	<b>44326</b>	<b>8681</b>	<b>11575</b>	<b>114195</b>	<b>106184</b>	<b>165415</b>	<b>162084</b>
214	Margarine & oils (fat) nec.	17821	24208	3358	5208	14224	13547	35403	42963
	<b>Flour mill &amp; cereal food products</b>								
2151	Flour mill products	4566	5316	44	39	3607	3575	8217	8929
215*	Starch, gluten & starch sugar	2455	2725	162	90	3445	3556	6062	6371
2153	Cereal foods & baking mixes	35440	51123	861	1092	10438	13970	46739	66185
215	<b>Total flour mill &amp; cereal food products</b>	<b>42461</b>	<b>59163</b>	<b>1067</b>	<b>1221</b>	<b>17489</b>	<b>21101</b>	<b>61017</b>	<b>81484</b>
	<b>Bread, cakes &amp; biscuits</b>								
2161	Bread	6701	7470	5	5	182	219	6889	7694
2162	Cakes & pastries	4420	5359	152	108	1692	2243	6263	7710
2163	Biscuits	6086	6838	405	401	4081	4620	10571	11859
216	<b>Total bread, cakes &amp; biscuits</b>	<b>17207</b>	<b>19668</b>	<b>361</b>	<b>514</b>	<b>5955</b>	<b>7082</b>	<b>23723</b>	<b>27263</b>
	<b>Sugar &amp; other food products</b>								
2171	Raw sugar								
2172	Refined sugar								
2181	Confectionery & cocoa products	25424	29045	4563	4848	14278	14731	44265	48624
2182	Canned fish & other seafoods	1677	2043	16	19	4099	3293	5792	5355
2183	Prepared animal & bird foods	19113	24846	101	238	7404	10367	26618	35451
2184	Food products nec.								
2171-2	Raw & refined sugar	46230	65294	3195	4388	16882	22260	66307	91901
218	<b>Total other food products</b>	<b>92444</b>	<b>121277</b>	<b>7874</b>	<b>9451</b>	<b>42663</b>	<b>50651</b>	<b>142982</b>	<b>181111</b>
217	<b>Total sugar</b>								
	<b>Beverages &amp; malt</b>								
2191	Soft drinks, cordials & syrups	19661	22843	175	170	14456	18740	34291	41753
2192	Beer	12380	13241	4564	6700	8727	8351	25671	28293
2193	Malt	9460	11365	504	1226	5548	5572	15513	18163
2194	Wine & brandy	17007	19385	22026	24905	122133	143386	161165	187676
2195	Alcoholic beverages nec.	3905	4128	5	8	5590	4938	9500	9073
219	<b>Total beverages &amp; malt</b>	<b>62414</b>	<b>70962</b>	<b>27273</b>	<b>31009</b>	<b>156453</b>	<b>180986</b>	<b>246140</b>	<b>284958</b>
221	<b>Tobacco products</b>	<b>134433</b>	<b>119819</b>	<b>4609</b>	<b>5076</b>	<b>12998</b>	<b>11829</b>	<b>152060</b>	<b>156724</b>
21-22	<b>Total food, beverages &amp; tobacco</b>	<b>487350</b>	<b>568057</b>	<b>61787</b>	<b>75995</b>	<b>498782</b>	<b>530587</b>	<b>1047918</b>	<b>1174638</b>
	<b>Textiles</b>								
	<b>Textiles, yarns &amp; woven fabrics</b>								
2311	Cotton ginning	129	194			7786	8210	7914	8404
2317	Scoured & carbonised wool	4581	4927	78	61	2435	2146	7094	7134
2313	Wool & man-made fibre tops	5564	6343	539	591	6369	7437	12473	14371
2314	Man-made fibres & yarns	11950	12721	4628	4114	15200	12440	33778	29275
2315	Man-made fibre broadwoven fabrics	8061	10063	8739	8977	6181	7585	22981	26625
2316	Cotton yarns & broadwoven fabrics	13611	13566	9296	10634	14524	16094	37411	40295
2317	Worsted yarns & broadwoven fabrics	5091	4227	6304	5718	6807	6190	18202	16135
2318	Woolen yarns & broadwoven fabrics	7757	7766	5935	5722	2757	2745	16449	16234
2319	Narrow woven & elastic fabrics	3110	4262	1709	2024	1939	2118	6758	8403
2321	Textile finishing	4591	5531	2308	2644	4063	2978	10963	11152
2322	Household textiles (exc. floor coverings)	6170	6457	1579	1357	3909	3920	11659	11734
231-232	<b>Total textiles, yarns &amp; woven fabrics</b>	<b>72616</b>	<b>76058</b>	<b>41116</b>	<b>41840</b>	<b>71971</b>	<b>71864</b>	<b>185703</b>	<b>189761</b>

For footnote see end of table

TABLE 6. MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING  
BY INDUSTRY CLASS - continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Materials/fuels etc.		Work in progress		Finished goods		Total stocks	
		at	at	at	at	at	at	at	at
		10 June 1976	30 June 1977	10 June 1976	10 June 1977	10 June 1976	30 June 1977	10 June 1976	10 June 1977
	<b>Other textile products</b>								
2331	Textile floor coverings	23639	22217	4582	4571	19051	21714	47772	48501
2332	Felt & felt products	2201	2177	757	705	1154	1614	4112	4495
2333	Canvas & associated products nec	7096	7140	546	512	1418	1640	9060	9293
2334	Rope, cordage & twine	2107	1906	1168	1304	4179	3370	7454	6580
2335	Textile products nec	7658	11144	1431	1351	4836	6656	13924	19151
233	<b>Total other textile products</b>	<b>42790</b>	<b>44584</b>	<b>8485</b>	<b>8443</b>	<b>30616</b>	<b>34091</b>	<b>87821</b>	<b>88021</b>
<b>23</b>	<b>Total textiles</b>	<b>115316</b>	<b>120642</b>	<b>49601</b>	<b>50283</b>	<b>102608</b>	<b>106856</b>	<b>267524</b>	<b>277781</b>
	<b>Clothing &amp; footwear</b>								
	<b>Knitting mills</b>								
2411	Hosiery	5440	6281	3384	2802	7586	8070	16410	17153
2412	Cardigans & pullovers	13144	13325	4152	4109	9627	10675	26923	28109
2413	Knitted goods nec	15478	17553	8078	8052	10833	12109	34389	37715
241	<b>Total knitting mills</b>	<b>34062</b>	<b>37159</b>	<b>15614</b>	<b>14963</b>	<b>28045</b>	<b>30855</b>	<b>77721</b>	<b>82978</b>
	<b>Clothing</b>								
2421	Womens & girls blouses & frocks	12205	13573	3410	4177	10725	12575	26340	30326
2422	Womens & girls underwear nec	9364	10273	3137	3022	6665	6813	19166	20108
2423	Mens & boys trousers & shorts; work clothing	14144	15280	5307	5197	24661	28207	44113	48683
2424	Mens & boys suits & coats; waterproof clothing	7524	8146	3046	2606	6102	6941	16673	17693
2425	Underwear, nightwear, shirts & infants clothing nec	18185	18361	5427	5222	14830	15040	38442	38623
2426	Foundation garments	5291	5540	1013	1471	6059	6611	12363	13621
2427	Headwear	640	666	204	187	505	572	1349	1426
2428	Clothing nec	5135	5825	1237	1427	5833	6557	12205	13809
242	<b>Total clothing</b>	<b>72488</b>	<b>77665</b>	<b>22780</b>	<b>23109</b>	<b>75382</b>	<b>83116</b>	<b>170650</b>	<b>184289</b>
	<b>Footwear</b>								
2431	Rubber footwear	5090	5839	2090	2184	6235	7028	13415	15051
2432	Footwear nec	10815	11627	4048	4076	12155	11717	27018	27419
243	<b>Total footwear</b>	<b>15905</b>	<b>17466</b>	<b>6138</b>	<b>6260</b>	<b>18391</b>	<b>18745</b>	<b>40433</b>	<b>42470</b>
<b>24</b>	<b>Total clothing &amp; footwear</b>	<b>122485</b>	<b>132290</b>	<b>44532</b>	<b>44532</b>	<b>121817</b>	<b>132915</b>	<b>288004</b>	<b>309737</b>
	<b>Wood, wood products &amp; furniture</b>								
	<b>Wood &amp; wood products</b>								
2511	Log sawmilling	12416	14339	6451	6561	22661	27217	41528	48117
2512	Resawn & dressed timber	29245	34494	6478	6188	26114	30595	61837	71577
2513	Plywood & manufactured boards	15723	17024	5188	5163	14873	17896	35784	40082
2514	Joinery & wooden structural fittings	30768	36898	12321	15803	15537	17790	58625	70491
2515	Wooden containers	7691	2718	373	473	791	1140	3855	4331
2516	Wood, cork, etc. products nec	1523	9191	1602	2084	7786	9647	17910	20922
251	<b>Total wood &amp; wood products</b>	<b>99366</b>	<b>114662</b>	<b>32412</b>	<b>36573</b>	<b>87761</b>	<b>104284</b>	<b>219519</b>	<b>255520</b>
	<b>Furniture &amp; mattresses</b>								
2521	Furniture exc. sheet metal	39730	44204	19232	21620	14195	17135	73157	82949
2522	Mattresses exc. rubber or wire	7013	9799	1176	1334	2751	3226	10963	13860
252	<b>Total furniture &amp; mattresses</b>	<b>46743</b>	<b>54003</b>	<b>20408</b>	<b>22954</b>	<b>16946</b>	<b>20361</b>	<b>84120</b>	<b>96809</b>
<b>25</b>	<b>Total wood, wood products &amp; furniture</b>	<b>146129</b>	<b>168166</b>	<b>52823</b>	<b>59527</b>	<b>104707</b>	<b>124636</b>	<b>303689</b>	<b>382329</b>
	<b>Paper &amp; paper products, printing</b>								
	<b>Paper &amp; paper products</b>								
2611	Pulp, paper & paperboard	41746	53196	2087	2184	27087	42304	70920	97684
2612	Paper bags incl. textile bags	9189	9840	1899	1787	7039	8310	18147	19937
2613	Solid fibreboard containers	15595	17852	6304	6801	7761	10033	29659	34086
2614	Corrugated fibreboard containers	19143	21010	2702	3035	7169	7334	29013	31379
2615	Paper products nec	17200	19321	2907	3021	9494	10395	29600	32738
261	<b>Total paper &amp; paper products</b>	<b>102872</b>	<b>121219</b>	<b>15899</b>	<b>16830</b>	<b>58568</b>	<b>78175</b>	<b>173119</b>	<b>216424</b>
	<b>Printing &amp; publishing</b>								
2621	Publishing, printing & publishing	52739	71031	3709	4531	10268	9048	66716	84610
2622	Commercial & job printing; stationery & binding	61878	66988	29153	29918	26642	30847	117672	127753
2623	Printing trade services nec	1880	1989	628	718	75	52	2583	2759
262	<b>Total printing &amp; publishing</b>	<b>116497</b>	<b>140008</b>	<b>34489</b>	<b>35768</b>	<b>36985</b>	<b>39947</b>	<b>186971</b>	<b>215121</b>
<b>26</b>	<b>Total paper &amp; paper products, printing</b>	<b>219369</b>	<b>261227</b>	<b>49388</b>	<b>51997</b>	<b>95553</b>	<b>118322</b>	<b>364310</b>	<b>431546</b>
	<b>Chemical, petroleum &amp; coal products</b>								
	<b>Basic chemicals</b>								
2711	Chemical fertilisers	26049	21923	248	395	25033	39413	51331	61731

For footnote see end of table

TABLE 6.—MANUFACTURING ESTABLISHMENTS (a)—STOCKS BY STAGE OF PROCESSING  
BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77

(\$'000)

ASIC code	Industry class	Materials fuels etc.		Work in progress		Finished goods		Total stocks	
		at	at	at	at	at	at	at	at
		10 June 1976	10 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977
2712	Industrial gases	Not available for publication; included with group 271 'Basic chemicals'							
2713	Plastic materials	Not available for publication; included with group 271 'Basic chemicals'							
2714	Organic industrial chemicals nec.	27454	29792	3306	5939	38410	47015	69169	82746
2715	Inorganic industrial chemicals nec.	19944	29871	3310	4208	23169	24409	45423	58488
271	<i>Total basic chemicals</i>	94188	103442	9479	13460	105169	132456	209016	249359
2721	Other chemical & related products	Not available for publication; included with group 272 'Other chemical and related products'							
2722	Ammunition, explosives & fireworks	Not available for publication; included with group 272 'Other chemical and related products'							
2723	Paints, varnishes and lacquers	23098	26187	2818	3362	26623	29932	52539	59482
2724	Pharmaceutical & veterinary products	52629	57862	16475	19271	39636	47770	108740	124904
2725	Pesticides & agricultural chemicals	11615	15410	1460	1477	9187	12586	22262	29473
2726	Soap & other detergents	17518	21009	1390	1807	17574	21813	36482	44630
2727	Cosmetics & toilet preparations	26023	28782	1211	1467	16067	17046	43302	47295
2728	Inks	4583	5777	81	76	3238	3380	7902	9233
2728	Chemical products nec.	Not available for publication; included with group 272 'Other chemical and related products'							
272	<i>Total other chemical &amp; related products</i>	157169	178600	34859	36861	129806	154900	322034	370161
273	Petroleum refining	30911	32852	6275	6045	11940	13465	49127	52162
274	Petroleum & coal products nec.	3912	4065	454	587	3216	3979	7581	8632
27	<i>Total chemical, petroleum &amp; coal products</i>	286579	318959	51067	56952	250131	304801	587778	680713
	Non-metallic mineral products								
	Glass & glass products								
2811	Plate & sheet glass								
2812	Glass bottles & jars								
2813	Glass products nec.	17839	20542	3684	3820	24102	35773	45625	60135
281	<i>Total glass &amp; glass products</i>	17839	20542	3684	3820	24102	35773	45625	60135
	Clay products								
2821	Clay bricks & clay refractories	22426	23777	3177	3527	20709	29169	46311	56473
2822	Ceramic construction goods	4493	5094	1650	1433	7615	10428	13758	16955
2823	China & other ceramic goods nec.	2134	2221	744	1015	3808	4085	6685	7921
282	<i>Total clay products</i>	29052	31092	5571	5974	32131	44282	66754	81148
	Cement & concrete products								
2831	Cement	30878	34207	6914	10184	3740	4581	41532	48972
2832	Ready mixed concrete	4206	4611	527	528	99	110	4832	5248
2833	Concrete pipes	Not available for publication; included with group 283 'Cement and concrete products'							
2834	Concrete products exc. pipes	7782	10522	4540	4664	11645	13893	23966	29078
2835	Asbestos cement products	Not available for publication; included with group 283 'Cement and concrete products'							
283	<i>Total cement &amp; concrete products</i>	64226	82221	14344	18695	31407	41413	111977	142328
	Other non-metallic mineral products								
2841	Plaster products	3846	5159	125	122	3422	4795	7392	10076
2842	Stone products	1230	1646	479	211	270*	413	1978	2269
2843	Non-metallic mineral products nec.	6834	7801	694	666	4901	4882	12429	13350
284	<i>Total other non-metallic mineral products</i>	11910	14606	1297	999	8592	10090	21799	25695
28	<i>Total non-metallic mineral products</i>	123027	148461	24897	29487	98233	131558	246156	309506
	Basic metal products								
	Basic iron & steel								
2911	Iron ore pelleting & metallising	14644	13666	178	179	12474	13378	27295	27222
2912	Iron & steel basic products	383156	457577	67309	80844	113996	134621	564461	673042
2913	Iron & steel castings & forgings	24249	24746	11899	17302	10976	12676	47124	54723
2914	Ni-steel pipes & tubes	27009	26699	12161	14539	13695	14952	52866	56190
291	<i>Total basic iron &amp; steel</i>	449058	522687	91547	112864	151140	175627	691745	811178
	Non-ferrous metal basic products								
2921	Smelting & refining of copper	9658	8590	6497	6188	23269	20378	39424	35157
2922	Smelting & refining of silver, lead & zinc								
2923	Smelting & refining of nickel								
2926	Smelting & refining of non-ferrous metal nec.	38131	41521	17375	23128	66482	85591	121988	150240
2923	Alumina								
2924	Smelting of aluminium	82075	89740	50483	55880	31619	34223	164178	179843

For footnote see end of table

TABLE 6—MANUFACTURING ESTABLISHMENTS (a)—STOCKS BY STAGE OF PROCESSING  
BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Materials/fuels etc.		Work in progress		Finished goods		Total stocks	
		at	at	at	at	at	at	at	at
		10 June 1976	30 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977
2927	Rolling, drawing & extruding of aluminium	10199	15845	19970	26504	11157	15218	41325	57567
2928	Rolling, drawing & extruding of non-ferrous metals nec	7930	7760	10401	11853	8972	11720	27303	31333
2929	Non-ferrous metal castings	1559	1763	665	671	950	1219	3175	3652
2931	Secondary recovery & alloying of non-ferrous metals nec	13469	14592	2787	3240	6747	5676	23003	23508
292-293	Total non-ferrous metal basic products	163020	179812	108179	127461	140197	174256	420195	481300
29	Total basic metal products	612078	702499	199725	240327	300337	349653	1112140	1292478
	Fabricated metal products								
	Fabricated structural metal products								
3111	Fabricated structural steel	38764	42701	16361	23259	10463	12893	65587	78852
3112	Architectural aluminium products	22896	28233	8714	6657	8129	9674	30719	44564
3113	Architectural metal products nec	3733	4579	656	722	932	1071	5321	6372
3114	Boiler & plate work	21084	20170	11427	12908	1654	1852	34165	34930
311	Total fabricated structural metal products	86477	95681	37158	41546	2178	25490	148813	164719
	Sheet metal products								
3121	Metal containers	27981	29469	10891	11701	20784	18176	59655	59346
3122	Sheet metal furniture	6403	6711	2504	2332	5428	6533	14335	15576
3123	Sheet metal products nec	36641	41138	15003	17083	18201	24059	69845	82300
312	Total sheet metal products	71025	77319	28198	31115	44413	48768	143815	152222
	Other fabricated metal products								
3131	Cutlery & hand tools	8092	8783	5052	6819	7058	8972	20202	24575
3132	Springs & wire products	23068	24785	5317	5469	15160	20565	43544	50820
3133	Nuts, bolts, screws & rivets	15115	14944	4896	5164	9000	10665	29911	30373
3134	Metal coating & finishing	4051	4751	419	498	839	809	5309	6158
3135	Steam, gas & water fittings	6405	7748	10074	11230	9207	10646	25086	29624
3136	Metal blinds & awnings	5033	7157	1790	1914	2523	3083	4347	12355
3137	Fabricated metal products nec	30433	32287	30609	29070	22472	24784	83513	86141
313	Total other fabricated metal products	92197	100636	88157	60165	67359	79624	217512	240445
31	Total fabricated metal products	249699	273678	123712	134827	132749	163881	506160	562386
	Transport equipment								
	Motor vehicles & parts								
3211	Motor vehicles	272976	334577	39316	45719	93150	157374	405441	537671
3212	Truck & bus bodies, trailers, caravans	24716	30273	11172	14960	12399	16506	48286	61739
3213	Motor vehicle instruments & electrical equipment nec	10249	11710	6633	7933	6643	7797	23525	27439
3214	Motor vehicle parts nec	55861	66729	26731	33576	31465	41413	114057	141717
321	Total motor vehicles & parts	363801	463290	81852	102188	141656	223089	597109	788566
	Other transport equipment								
3221	Ship building & repair	11570	11449	4182	4130	469	495	16221	16075
3222	Boat building & repair	5106	5748	3286	3915	2468	3272	10860	12935
3223	Locomotives, rolling stock & repair	17318	16866	12643	12267	3267	2853	33227	31986
3224	Aircraft building & repair	91913	95974	6777	7694	3499	3120	102180	106788
3225	Transport equipment nec	7982	6507	1823	1883	7109	7379	16915	15769
322	Total other transport equipment	131889	136545	28711	29888	16811	12119	179412	183552
32	Total transport equipment	497690	599835	112563	132077	160468	240208	770721	972118
	Other machinery & equipment								
	Photographic, professional & scientific equipment								
3311	Photographic goods, optical instruments & film processing	16778	17758	3894	3596	16781	17177	37454	38532
3312	Measuring apparatus & professional & scientific equipment nec	11557	12958	4423	5293	5424	6959	21404	25210
331	Total photographic, professional & scientific equipment	28335	30716	8317	8890	22205	24136	58858	63742
	Appliances & electrical equipment								
3321	TV, radios & electronic equipment nec	83181	78912	65158	66752	43707	52349	192047	198012
3322	Refrigerators & household appliances	76253	83184	34975	36238	57944	68692	169173	188114
3323	Water heating systems	6812	7027	1830	1913	2918	3225	11560	12164
3324	Electric & telephone cable & wire	10093	11715	11741	14380	17516	16381	39349	42976

For footnotes see end of table

TABLE 6—MANUFACTURING ESTABLISHMENTS (a)—STOCKS BY STAGE OF PROCESSING  
BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(£'000)

ASIC code	Industry class	Materials fuels etc.		Work in progress		Finished goods		Total stocks	
		at	at	at	at	at	at	at	at
		10 June 1976	10 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977	10 June 1976	10 June 1977
3325	Batteries .....	6772	7890	4021	4840	8888	11259	19684	23988
3326	Electrical machinery & equipment nec .....	73691	76429	26798	28657	44857	52894	175346	187980
112	<b>Total appliances &amp; electrical equipment .....</b>	<b>256803</b>	<b>265156</b>	<b>174526</b>	<b>182780</b>	<b>175831</b>	<b>205299</b>	<b>607160</b>	<b>632216</b>
	<b>Industrial machinery &amp; equipment</b>								
3331	Agricultural machinery & equipment	63288	60308	35498	38721	24482	35106	123268	134136
3332	Construction & earthmoving machinery .....	13726	13376	8128	7402	6260	8649	28114	29427
3333	Materials handling equipment	30728	32970	11004	13094	13298	14953	55030	61017
3334	Woodworking & metalworking machinery .....	7870	8402	8989	9535	8438	9105	25226	27043
3335	Pumps & compressors .....	9831	11444	14300	13200	20393	21472	44524	46116
3336	Commercial space heating & air conditioning equipment .....	12274	14355	8145	9507	8809	12217	29228	36079
3337	Dies, saw blades & machine tool accessories .....	5399	6040	7809	8118	8165	9669	21375	23827
3338	Food processing machinery .....	6784	7308	8205	6805	4045	3761	19033	17874
3339	Industrial machinery & equipment nec .....	60911	67936	51183	59719	46374	55879	158467	183534
111	<b>Total industrial machinery &amp; equipment .....</b>	<b>210810</b>	<b>222140</b>	<b>151262</b>	<b>166100</b>	<b>140263</b>	<b>170811</b>	<b>504114</b>	<b>559052</b>
33	<b>Total other machinery &amp; equipment</b>	<b>495948</b>	<b>518013</b>	<b>336105</b>	<b>387770</b>	<b>338298</b>	<b>400247</b>	<b>1170382</b>	<b>1276029</b>
	<b>Miscellaneous manufacturing</b>								
	Leather & leather products								
3411	Leather tanning & fur dressing	3128	4004	5097	5304	3556	4794	11781	14102
3412	Leather & substitute products nec	5761	5765	880	682	1182	5360	11823	12006
141	<b>Total leather &amp; leather products .....</b>	<b>8889</b>	<b>9769</b>	<b>5977</b>	<b>5986</b>	<b>4738</b>	<b>10154</b>	<b>23604</b>	<b>26108</b>
	<b>Rubber products</b>								
3421	Rubber tyres, tubes, belts, hose, sheets .....	18947	19672	10594	10568	18260	20976	47802	51216
3422	Rubber products nec .....	7501	7998	3203	3753	8313	9012	19017	20763
142	<b>Total rubber products .....</b>	<b>26449</b>	<b>27670</b>	<b>13797</b>	<b>14321</b>	<b>26573</b>	<b>29988</b>	<b>66819</b>	<b>71979</b>
	<b>Plastic &amp; related products</b>								
3431	Flexible packing, materials & products .....	26797	23730	5956	7133	20127	23546	52881	54409
3432	Rigid plastic sheeting .....	2253	2978	381	501	1274	1836	3308	5316
3433	Hard surface floor coverings nec	2684	2744	109	198	2394	2569	5387	5511
3434	Plastic products nec .....	41787	47534	15121	15179	41096	49152	98003	112855
141	<b>Total plastic &amp; related products .....</b>	<b>74521</b>	<b>77975</b>	<b>21367</b>	<b>23012</b>	<b>63091</b>	<b>77104</b>	<b>160179</b>	<b>175090</b>
	<b>Other manufacturing</b>								
3441	Ophthalmic articles .....	3470	3869	780	899	3726	4701	7976	9469
3442	Jewellery & silverware .....	5693	6485	1212	1208	4300	4716	11205	12410
3443	Brooms & brushes .....	4525	5091	1115	1323	4653	5113	10293	11527
3444	Signs & advertising displays .....	4021	4962	1705	1762	1003	948	6729	7673
3445	Sporting equipment .....	4208	4500	1890	2054	5415	6825	11513	13379
3446	Writing & marking equipment .....	5440	5800	1518	1656	4414	6758	11392	14194
3447	Manufacturing nec .....	5245	6309	950	2092	3623	4293	9818	12694
141	<b>Total other manufacturing .....</b>	<b>42603</b>	<b>47017</b>	<b>9170</b>	<b>10994</b>	<b>27154</b>	<b>31134</b>	<b>68926</b>	<b>81345</b>
34	<b>Total miscellaneous manufacturing</b>	<b>141461</b>	<b>152431</b>	<b>50810</b>	<b>54313</b>	<b>127887</b>	<b>150779</b>	<b>319528</b>	<b>387823</b>
	<b>TOTAL MANUFACTURING .....</b>	<b>3497101</b>	<b>3964256</b>	<b>1156709</b>	<b>1288087</b>	<b>2331240</b>	<b>2744443</b>	<b>6985052</b>	<b>7996785</b>

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes).

TABLE 7.—MANUFACTURING ESTABLISHMENTS (a)—  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS  
AUSTRALIA 1976-77  
(£'000)

ASIC code	Industry class	Purchases and transfers in (b)			Charges for com- mission and sub- contract work (c)	Repair and main- tenance expenses	Freight etc., motor vehicle running expenses, taxes (com- mission payments) (d)	Total pur- chases transfers in and selected expenses
		Materials electricity fuel etc.	Goods for resale	Total pur- chases and trans- fers in				
<b>Food, beverages &amp; tobacco</b>								
<b>Meat products</b>								
2111	Meat & abattoir by products	977325	22625	999950	34333	36886	43528	1104598
2112	Fresh & frozen poultry	194481	8226	202708	1953	4155	8839	217675
2113	Bacon, ham & smallgoods	234972	11832	246804	1380	4229	7848	360261
2114	Casings of animal origin	6680	1042	7722	125	140	276	8265
211	<b>Total meat products</b>	<b>1413458</b>	<b>41726</b>	<b>1455184</b>	<b>37692</b>	<b>33411</b>	<b>60311</b>	<b>1590799</b>
<b>Milk products</b>								
2121	Liquid milk & cream							
2122	Butter							
2123	Cheese	927046	58437	985483	3788	16978	40126	1046375
2124	Ice cream & frozen confections							
2125	Milk products nec.							
212	<b>Total milk products</b>	<b>927046</b>	<b>58437</b>	<b>985483</b>	<b>3788</b>	<b>16978</b>	<b>40126</b>	<b>1046375</b>
<b>Fruit &amp; vegetable products</b>								
2131	Fruit products	135409	4501	139909	1080	2810	8422	152231
2132	Vegetable products	167386	6951	174338	2163	5963	15925	198589
213	<b>Total fruit &amp; vegetable products</b>	<b>302795</b>	<b>11452</b>	<b>314247</b>	<b>3243</b>	<b>8773</b>	<b>24346</b>	<b>350820</b>
214	Margarine & oils & fats nec.	209467	7873	217341	1718	2803	13898	234761
<b>Flour mill &amp; cereal food products</b>								
2151	Flour mill products	170974	9650	180624	6	3004	7572	191205
2152	Starch, gluten & starch sugar	49200	4662	53862	50	1739	3284	58934
2153	Cereal foods & baking mixes	134022	6691	140623	639	3108	12273	156642
215	<b>Total flour mill &amp; cereal food products</b>	<b>354196</b>	<b>20913</b>	<b>375109</b>	<b>694</b>	<b>7850</b>	<b>23129</b>	<b>406782</b>
<b>Bread, cakes &amp; biscuits</b>								
2161	Bread	168360	10908	179267	615	7446	15471	202798
2162	Cakes & pastries	75223	2395	77620	314	2149	5192	85275
2163	Biscuits	75037	6599	81636	41	2475	4321	88472
216	<b>Total bread, cakes &amp; biscuits</b>	<b>318622</b>	<b>19902</b>	<b>338524</b>	<b>969</b>	<b>12070</b>	<b>24984</b>	<b>376345</b>
<b>Sugar &amp; other food products</b>								
2171	Raw sugar							
2172	Refined sugar							
2181	Confectionery & cocoa products	129650	3526	133177	338	2944	7973	144432
2182	Canned fish & other seafoods	18350	1009	19359		416	882	30857
2183	Prepared animal & bird foods	287741	17812	305553	192	5250	14464	325459
2184	Food products nec.							
2171-3	Raw & refined sugar	778347	16230	794567	1388	15474	19851	831279
217	<b>Total other food products</b>	<b>1214288</b>	<b>18567</b>	<b>1232856</b>	<b>1917</b>	<b>24084</b>	<b>41171</b>	<b>1322027</b>
<b>Beverages &amp; malt</b>								
2191	Soft drinks, cordials & syrups	222590	33345	255935	1249	5635	17189	300008
2192	Beer	245352	2270	247622	190	7748	12851	268411
2193	Malt	98828	377	99205		834	1802	11841
2194	Wine & brandy	142926	9944	152870	2331	3591	5878	164674
2195	Alcoholic beverages nec.	7317	295	7612		281	254	8147
219	<b>Total beverages &amp; malt</b>	<b>677014</b>	<b>46230</b>	<b>723244</b>	<b>3770</b>	<b>18097</b>	<b>37975</b>	<b>781081</b>
217	<b>Total food, beverages &amp; tobacco</b>	<b>5569683</b>	<b>247574</b>	<b>5817257</b>	<b>53791</b>	<b>127244</b>	<b>278182</b>	<b>6276672</b>
<b>Textiles</b>								
<b>Textiles, yarns &amp; woven fabrics</b>								
2311	Cotton ginning	10503	38	10541		364	560	11453
2312	Scoured & carbonised wool	61738	1138	62876	80	1246	1058	65260
2313	Wool & man-made fibre tops	49580	1521	51101	338	876	542	52757
2314	Man-made fibres & yarns	62775	275	63050	4938	2947	1808	72743
2315	Man-made fibre broadwoven fabrics	53057	304	53362	6110	1353	1753	62978
2316	Cotton yarns & broadwoven fabrics	102223	4060	106283	2056	2304	3395	114037
2317	Worsted yarns & broadwoven fabrics	27668	723	28391	2033	642	845	31911

For footnote, see end of table

TABLE 7—MANUFACTURING ESTABLISHMENTS (a)  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS (continued)  
AUSTRALIA 1976-77

ASIC code	Industry class	Purchases and transfers in (b)			Charges for com- mission and sub- contract work (c)	Repair and main- tenance expenses	Freight etc., motor vehicle running expenses, sales com- mission payments (d)	Total pur- chases in and selected expenses
		Materials electricity fuels etc.	Goods for resale	Total pur- chases and trans- fers in				
2318	Woolen yarns & broadwoven fabrics	42749	361	43110	947	126	1133	46455
2319	Narrow woven & elastic fabrics	17130	1249	18379	811	361	687	20238
2321	Textile finishing	50205	1821	52027	927	2109	1055	56117
2322	Household textiles (exc. floor coverings)	26531	2961	29493	798	310	1723	32334
231-232	Total textiles, yarns & woven fabrics	504158	46643	550801	19139	13776	14560	562276
	Other textile products							
2331	Textile floor coverings	139003	4608	143611	2391	2412	7171	155584
2332	Felt & felt products	8228	1410	9638	4	424	787	10853
2333	Canvas & associated products nec.	28161	3280	31441	971	331	1561	36304
2334	Rope, cordage & twine	13283	2003	15286	24	610	384	16305
2335	Textile products nec.	44006	4982	48988	1206	1293	3928	54416
231	Total other textile products	232682	18283	250965	4597	3070	12830	273462
23	Total textiles	736840	52926	789766	23736	18846	27390	839738
	Clothing & footwear							
	Knitting mills							
2411	Hosiery	32382	1580	33962	1057	1316	3908	39342
2412	Cardigans & pullovers	58422	2810	61232	3678	1307	4774	73991
2413	Knitted goods nec.	96936	3843	100779	30294	3006	4519	127618
241	Total knitting mills	187760	8233	195993	27629	4629	12201	239832
	Clothing							
2421	Womens & girls blouses & frocks	75931	5127	81058	32300	1040	6748	121145
2422	Womens & girls outerwear nec.	56597	958	57556	23597	770	4724	85646
2423	Men's & boys trousers & shorts; work clothing	85630	6758	92388	24488	1576	11050	129502
2424	Men's & boys suits & coats; waterproof clothing	33860	3194	37054	887	636	2173	40750
2425	Underwear, nightwear, shirts & infants clothing nec.	96367	5256	101623	10846	1507	6210	120187
2426	Foundation garments	28312	2049	30361	3503	378	1426	35668
2427	Headwear	2309	479	2788	90	63	343	3284
2428	Clothing nec.	34631	6102	40733	1690	399	3141	34963
242	Total clothing	403638	29924	433562	96402	6369	44814	571146
	Footwear							
2431	Rubber footwear	34146	241	34388	3969	765	4197	43319
2432	Footwear nec.	73992	6142	80135	6757	3076	3473	96441
241	Total footwear	110140	6384	116524	10726	2841	9670	139761
24	Total clothing & footwear	701538	41540	743078	134157	13839	56686	950759
	Wood & wood products & furniture							
	Wood & wood products							
2511	Log sawmilling	68214	10872	79086	31709	11940	21225	143960
2512	Resawn & dressed timber	169253	36206	205459	6475	6178	11704	239816
2513	Plywood & manufactured boards	101643	7173	108816	1060	5523	12208	137606
2514	Joinery & wooden structural fittings	235956	24556	260512	13030	3706	11400	290448
2515	Wooden containers	17476	2281	19757	338	889	1200	21884
2516	Wood, cork, etc., products nec.	63141	3926	67067	9885	3205	5037	89194
251	Total wood & wood products	633682	80814	714497	64497	13141	62732	902906
	Furniture & mattresses							
2521	Furniture exc. sheet metal	273306	11575	284881	12124	5028	20346	322579
2522	Mattresses exc. rubber or wire	46842	3934	50776	196	729	2684	34557
252	Total furniture & mattresses	320147	15509	335656	12322	5757	23222	376066
25	Total wood, wood products & furniture	975830	102323	1078153	76819	38898	86003	1279873
	Paper & paper products, printing							
	Paper and paper products							
2611	Pulp, paper & paperboard	260763	3319	262923	111	20268	14456	317757
2612	Paper bags incl. textile bags	76180	9109	85290	153	1375	1567	84844
2613	Solid fibreboard containers	89454	3637	93091	1386	2068	3677	102022
2614	Corrugated fibreboard containers	154023	7672	161698	230	4305	5611	172034
2615	Paper products nec.	98590	6571	105161	309	3039	11864	120373

For footnotes see end of table

TABLE 7—MANUFACTURING ESTABLISHMENTS (a)—  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES, BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Purchases and transfers in (b)			Char- ges for com- mision and sub contract work (c)	Repair and main- tenance expenses	Freight expenses etc., motor vehicle running expenses, sales com- mission payments (d)	Total pur- chases and transfers in and selected expenses
		Materials electricity fuels etc.	Goods for resale	Total pur- chases and trans- fers in				
261	Total paper & paper products	658953	31209	690162	2378	31154	56975	780670
2621	Printing and publishing	724665	11993	236658	87992	7768	51839	384256
26.2	Commercial & job printing, stationery & binding	314243	24532	338775	31139	11034	18966	399914
2623	Printing trade services nec	16228	752	16981	1202	1338	2241	21662
262	Total printing & publishing	555136	32727	592411	120334	20040	73046	805793
26	Total paper & paper products, printing Chemical, petroleum & coal products	1214089	68486	1282575	122712	51194	130021	1586503
	Basic chemicals							
2711	Chemical fertilisers	274994	14529	249523	1544	18330	13561	282958
2712	Industrial gases	Not available for publication; included with group 271						Basic chemicals*
2713	Plastic materials	237413	14233	251646	10	10620	16012	278287
2714	Organic industrial chemicals nec	218416	965	219381		8969	6548	234899
2715	Inorganic industrial chemicals nec	Not available for publication; included with group 271						Basic chemicals*
271	Total basic chemicals	831793	48514	880307	2468	52055	58612	993443
	Other chemical & related products							
2721	Ammunition, explosives & fireworks							Not available for publication; included with group 272
								Other chemical and related products*
2722	Paints, varnishes, and lacquers	168057	22984	191041	518	2571	15930	210059
2723	Pharmaceutical & veterinary products	185256	9339	194595	3904	4280	20176	222956
2724	Pesticides & agricultural chemicals	56515	6763	63378	2266	1221	4003	70769
2725	Soap & other detergents	138282	17253	155536	2025	2626	15892	176078
2726	Cosmetics & toilet preparations	74069	3845	77914	2018	1351	9867	91150
2727	Inks	32842	5807	38649		514	614	39778
2728	Chemical products nec							Not available for publication; included with group 272
								Other chemical and related products*
272	Total other chemical & related products	769803	82564	852367	11795	16009	78967	959139
273	Petroleum refining	269548	57	269605	3787	23439	1647	298478
274	Petroleum & coal products nec	32963	2378	35341	189	1263	1271	40063
27	Total chemical, petroleum & coal products	1904107	133513	2037620	18239	92766	142497	2291123
	Non-metallic mineral products							
	Glass & glass products							
2811	Plate & sheet glass							
2812	Glass bottles & jars							
2813	Glass products nec	96684	5012	101696	1276	6024	8726	117723
281	Total glass & glass products	96684	5012	101696	1276	6024	8726	117723
	Clay products							
2821	Clay bricks & clay refractories	77307	3240	80547	2227	16792	13280	112845
2822	Ceramic construction goods	20037	5163	25200	695	4208	2976	33079
2823	China & other ceramic goods nec	8785	2950	11636	78	773	2166	14653
282	Total clay products	106130	11253	117383	2999	21773	18422	160577
	Cement & concrete products							
2831	Cement	98420	4407	102826	15	10168	26698	139708
2832	Ready mixed concrete	244913	1554	246467	1088	7792	50063	305411
2833	Concrete pipes							Not available for publication; included with group 283
								Cement and concrete products*
2834	Concrete products ex- pipes	89315	12002	101317	22173	7062	13696	144248
2835	Asbestos cement pr- ducts							Not available for publication; included with group 283
								Cement and concrete products*
283	Total cement & concrete products	527646	26596	554241	24181	30413	97522	706556
	Other non-metallic mineral products							
2841	Plaster products	36376	12515	48891	1344	2233	1931	54399
2842	Stone products	6962	275	7238	541	261	593	8632
2843	Non-metallic mineral products nec	36532	6154	42686	1657	2895	5110	52348
284	Total other non-metallic mineral products	79871	18944	98815	3542	5189	7634	115180
28	Total non-metallic mineral products	810331	61805	872136	32198	63598	132304	1100237

For footnotes see end of table.

TABLE 7—MANUFACTURING ESTABLISHMENTS (a)  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Purchases and transfers in (b)			Charges for com- mission and sub- contract work (c)	Repair and main- tenance expenses	Freight expenses etc., motor vehicle running expenses, sales com- mission payments (d)	Total pur- chases transfers in and selected expenses
		Materials electricity fuels etc	Goods for re-sale	Total pur- chases and trans- fers in				
<b>Basic metal products</b>								
<b>Basic iron &amp; steel</b>								
2911	Iron-ore pelletising & metallising	140892	2	140894	8189	5287	3495	157864
2912	Iron & steel basic products	1483904	52256	1536160	4874	24028	98384	1663446
2913	Iron & steel castings & forgings	1 0901	5726	116627	5642	7874	5555	135698
2914	Steel pipes & tubes	130535	4906	135441	2890	3097	9282	150710
291	<b>Total basic iron &amp; steel</b>	<b>1866232</b>	<b>62890</b>	<b>1929122</b>	<b>21595</b>	<b>40286</b>	<b>116717</b>	<b>2107719</b>
<b>Non-ferrous metal basic products</b>								
2921	Smelting & refining of copper	162752		162752	15900	862	8514	188028
2922	Smelting & refining of silver, lead & zinc							
2925	Smelting & refining of miscellaneous metals nec	544443	474	544917	945	5532	9764	561157
2923	Alumina	414696	277	414968		31563	10174	456705
2924	Smelting of aluminium							
2927	Rolling, drawing & extruding of aluminium	176699	1904	178604	4663	3675	6311	193253
2928	Rolling, drawing & extruding of non-ferrous metals nec	161892	2320	164212	1396	2226	2929	170763
2929	Non-ferrous metal castings	21751	3089	24840	817	1062	776	27396
2931	Secondary recovery & alloying of non-ferrous metal nec	105061	9690	114752	63	1846	2300	119221
292,293	<b>Total non-ferrous metal basic products</b>	<b>1587294</b>	<b>12749</b>	<b>1605044</b>	<b>21781</b>	<b>46768</b>	<b>40507</b>	<b>1716522</b>
29	<b>Total basic metal products</b>	<b>3453526</b>	<b>80639</b>	<b>3534166</b>	<b>45378</b>	<b>87054</b>	<b>157643</b>	<b>3824240</b>
<b>Fabricated metal products</b>								
<b>Fabricated structural metal products</b>								
3111	Fabricated structural steel	278600	13344	292031	32170	5296	11208	340703
3112	Architectural aluminium products	144234	12305	156589	11741	2019	6585	176933
3113	Architectural metal products nec	29662	2880	32562	1820	660	1720	36762
3114	Bouler & plate work	89677	2653	92330	3479	3200	3185	102193
311	<b>Total fabricated structural metal products</b>	<b>542329</b>	<b>31182</b>	<b>573511</b>	<b>49211</b>	<b>11174</b>	<b>22697</b>	<b>656591</b>
<b>Sheet metal products</b>								
3121	Metal containers	210416	8328	218744	23	5362	4464	228593
3122	Sheet metal furniture	33976	3436	37412	885	884	2421	41601
3123	Sheet metal products nec	203904	21351	225255	11453	5326	12316	254349
312	<b>Total sheet metal products</b>	<b>448296</b>	<b>33115</b>	<b>481412</b>	<b>12360</b>	<b>11571</b>	<b>19201</b>	<b>524543</b>
<b>Other fabricated metal products</b>								
3131	Cutlery & hand tools	24707	2370	27077	811	1211	2125	31225
3132	Springs & wire products	114048	17409	131457	5136	3069	5356	145017
3133	Nuts, bolts, screws & rivets	38448	5789	44237	1658	1922	1831	49648
3134	Metal coating & finishing	27987	2291	30279	2339	3094	3035	38746
3135	Steam, gas & water fittings	51744	3817	55562	1260	1605	2085	60512
3136	Metal blinds & awnings	30026	4428	34454	2172	463	2105	39194
3137	Fabricated metal products nec	167011	15594	182605	8573	4554	11569	207301
313	<b>Total other fabricated metal products</b>	<b>451970</b>	<b>51700</b>	<b>505670</b>	<b>21949</b>	<b>15919</b>	<b>28106</b>	<b>571644</b>
31	<b>Total fabricated metal products</b>	<b>1444596</b>	<b>115996</b>	<b>1560593</b>	<b>83520</b>	<b>38664</b>	<b>70004</b>	<b>1752778</b>
<b>Transport equipment</b>								
<b>Motor vehicles &amp; parts</b>								
3211	Motor vehicles	1735004	14364	1749368	1176	13661	31208	1795413
3212	Truck & bus bodies, trailers, caravans	192812	11627	204439	3621	2322	2748	213130
3213	Motor vehicle instruments & electrical equipment nec	52700	4171	56931	1842	1644	1993	62409
3214	Motor vehicle parts nec	283719	17370	301089	6106	9892	8684	325770
321	<b>Total motor vehicles &amp; parts</b>	<b>2264295</b>	<b>47511</b>	<b>2311826</b>	<b>12744</b>	<b>27519</b>	<b>44612</b>	<b>2396721</b>

For footnotes see end of table

TABLE 7.—MANUFACTURING ESTABLISHMENTS (a)—  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Purchases and transfers in (b)			Charges for com- mission and sub contract work (c)	Repair and main- tenance expenses	Freight etc., motor vehicle running expenses, sales com- mission payments (d)	Total pur- chases transfers in and selected expenses
		Materials electricity fuels etc.	Goods for resale	Total pur- chases and trans- fers in				
	Other transport equipment							
3221	Ship building & repair	52923	1543	54465	10397	3877	69484	
3222	Boat building & repair	43423	3816	47239	2976	750	52522	
3223	Locomotives, rolling stock & repair	117639	2409	120048	10942	3019	134878	
3224	Aircraft building & repair	91962	4764	96725	6898	1255	105457	
3225	Transport equipment nec.	17012	5967	22979	577	190	25717	
322	Total other transport equipment	322958	18498	341457	31789	9090	380858	
32	Total transport equipment	2587254	66030	2653284	44533	36609	2784779	
	Other machinery & equipment							
	Photographic, professional & scientific equipment							
3311	Photographic goods, optical instruments & film processing	65643	26618	92261	1067	1316	122464	
3312	Measuring apparatus & professional & scientific equipment nec.	32928	10342	43272	665	494	46068	
331	Total photographic, professional & scientific equipment	98571	36961	135533	1733	1810	168532	
	Appliances & electrical equipment							
3321	TV, radios & electronic equipment nec.	346118	14025	360142	10339	5141	386802	
3322	Refrigerators & household appliances	412236	16956	429192	11050	8875	472655	
3323	Water heating systems	34771	3598	38369	1099	667	42025	
3324	Electric & telephone cable & wire	146051	5268	151319	1663	4533	166474	
3325	Batteries	46344	5148	51492	845	1745	63513	
3326	Electrical machinery & equipment nec.	310624	33785	344409	7092	6976	378343	
332	Total appliances & electrical equipment	1296144	78779	1374923	32087	27938	1508212	
	Industrial machinery & equipment							
3331	Agricultural machinery & equipment	169887	7244	177132	4404	4364	191421	
3332	Construction & earthmoving machinery	49470	6679	56149	1436	1000	59887	
3333	Materials handling equipment	87764	7629	95392	10083	1893	111446	
3334	Woodworking & metalworking machinery	30329	3248	33578	1058	1087	37717	
3335	Pumps & compressors	63575	8566	72141	2375	2032	31977	
3336	Commercial space heating & air conditioning equipment	79550	8146	87696	3032	848	97641	
3337	Dies, saw blades & machine tool accessories	30510	6518	37028	4833	1452	46006	
3338	Food processing machinery	46354	9015	55369	2533	742	60581	
3339	Industrial machinery & equipment nec.	311271	29801	341073	17980	7363	378350	
333	Total industrial machinery & equipment	868711	86847	955558	47732	20781	1062794	
33	Total other machinery & equipment	2263427	202586	2466014	81852	50528	2739538	
	Miscellaneous manufacturing							
	Leather & leather products							
3411	Leather tanning & fur dressing	54232	802	55034	403	1652	60229	
3412	Leather & substitute products nec.	22660	6885	29565	2484	348	34919	
341	Total leather & leather products	76912	7687	84599	2887	2000	95148	
	Rubber products							
3421	Rubber tyres, tubes, belts, hose, sheets	156614	829	157443	19	5913	168517	
3422	Rubber products nec.	49437	6414	55851	960	2482	63612	
342	Total rubber products	206051	7243	213294	979	8395	232129	
	Plastic & related products							
3431	Flexible packing, materials & products	171897	11537	183435	1337	4396	203445	
3432	Rigid plastic sheeting	9790	726	10516	20	509	11446	
3433	Hard surface floor coverings nec.	8934	2567	11501	42	494	13215	
3434	Plastic products nec.	353382	30172	383554	5024	13200	425611	
343	Total plastic & related products	544003	45003	589006	6423	18599	653717	
	Other manufacturing							
3441	Ophthalmic articles	10295	7168	17462	167	703	18926	

For footnotes see end of table.

TABLE 7.—MANUFACTURING ESTABLISHMENTS (a)—  
PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Purchases and transfers in (b)			Charges for com- mission and sub- contract work (c)	Repair and main- tenance expenses	Freight expenses etc., vehicle running expenses, sales com- mission payments (d)	Total pur- chases in and selected expenses
		Materials electricity fuels etc.	Goods for pur- chases and trans- fers in	Total				
3442	Jewellery & silverware .....	24609	2618	27227	2048	302	1298	30876
3443	Brooms & brushes .....	11384	7147	18531	144	368	1605	20649
3444	Signs & advertising displays .....	22424	1270	23694	3312	650	2381	30037
3445	Sporting equipment .....	20576	5228	25804	764	524	1976	29068
3446	Writing & marking equipment .....	15342	7287	22629	675	322	2380	26006
3447	Manufacturing nec .....	20943	4361	25304	709	1126	1845	28984
344	Total other manufacturing .....	125574	35078	160652	7819	3995	12080	184546
34	Total miscellaneous manufacturing .....	952540	95011	1047551	18109	32989	66892	1165540
	TOTAL MANUFACTURING .....	22613760	1251429	23865189	734743	652230	1339617	26591779

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (b) Transfers in from other establishments of the same enterprise. (c) Includes imputed commission charges for work done by other establishments of the same enterprise. (d) Includes imputed charges for sales carried out by other establishments of the same enterprise.

TABLE 8.—MANUFACTURING ESTABLISHMENTS (a)—  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (b)—  
AUSTRALIA 1976-77

ASIC code	Industry class	Elec- tricity		Black coal		Brown coal		Brown coal briquettes		Coke incl coke breeze	
		\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne
	Food, beverages & tobacco										
	Meat products										
2111	Meat & abattoir by-products	18614	67681	1291	14118	229	7065	101	6	..	..
2112	Fresh & frozen poultry	2593	..	..	..	..	..	..	..	..	..
2113	Bacon, ham & smallgoods	2598	460	7	450	7	441	6	..	..	..
2114	Casings of animal origin	54	..	..	..	..	..	..	..	..	..
211	Total meat products	23859	68141	1297	14568	236	7506	107	6	..	..
	Milk products										
2121	Liquid milk & cream	..	..	..	..	..	..	..	..	..	..
2122	Butter	..	..	..	..	..	..	..	..	..	..
2123	Cheese	..	..	..	..	..	..	..	..	..	..
2124	Ice cream & frozen confections	11016	40692	875	..	..	104152	1278	..	..	..
2125	Milk products nec	..	..	..	..	..	..	..	..	..	..
212	Total milk products	11016	40692	875	..	..	104152	1278	..	..	..
	Fruit & vegetable products										
2131	Fruit products	1328	295	5	..	..	..	..	..	..	..
2132	Vegetable products	2271	3464	74	..	..	14540	149	..	..	..
213	Total fruit & vegetable products	3599	3759	80	..	..	14540	149	..	..	..
214	Margarine & oils & fats nec	1791	5175	166	..	..	5496	65	..	..	..
	Flour mill & cereal food products										
2151	Flour mill products	2662	..	..	..	..	..	..	..	..	..
2152	Starch, gluten & starch sugar	1447	10914	321	..	..	..	..	..	..	..
2153	Cereal foods & baking mixes	1913	2441	49	..	..	..	..	..	2	..
215	Total flour mill & cereal food products	6022	13355	269	..	..	..	..	..	2	..
	Bread, cakes & biscuits										
2161	Bread	3186	72	..	..	..	60	1	52	2	..
2162	Cakes & pastries	1325	20	..	..	..	..	..	..	..	..
2163	Biscuits	1058	1411	34	..	..	..	..	..	..	..
216	Total bread, cakes & biscuits	5570	1501	35	..	..	60	1	52	2	..
	Sugar & other food products										
2171	Raw sugar	..	..	..	..	..	..	..	..	..	..
2172	Refined sugar	..	..	..	..	..	..	..	..	..	..
2181	Confectionery & cocoa products	2100	6011	158	..	..	4448	64	..	..	..
2182	Canned fish & other seafoods	277	..	..	..	..	..	..	..	..	..
2183	Prepared animal & bird foods	2411	60	1	..	..	707	15	..	..	..
2184	Food products nec	..	..	..	..	..	..	..	..	..	..
2171-2	Raw & refined sugar	3805	89942	1957	..	..	6585	81	7	1	..
218	Total other food products	8593	96013	2117	..	..	11740	160	7	1	..
217	Total sugar	..	..	..	..	..	..	..	..	..	..
	Beverages & malt										
2191	Soft drinks, cordials & syrups	1842	66	1	..	..	..	..	..	5	..
2192	Beer	4884	30853	780	..	..	..	..	..	53	4
2193	Malt	1323	..	..	..	..	..	..	..	476	48
2194	Wine & brandy	1139	..	..	..	..	147	4	..	..	..
2195	Alcoholic beverages nec	98	..	..	..	..	..	..	..	..	..
219	Total beverages & malt	9284	10919	781	..	..	147	4	534	52	..
221	Tobacco products	1293	3766	176	..	..	..	..	..	..	..
21-22	Total food, beverages & tobacco	71028	267323	5796	14568	236	143641	1764	601	55	..
	Textiles										
	Textiles, yarns & woven fabrics										
2311	Cotton ginning	254	..	..	..	..	..	..	..	..	..
2312	Scoured & carbonised wool	608	..	..	422	7	7365	113	..	..	..
2313	Wool & man-made fibre tops	472	..	..	..	..	3635	53	..	..	..
2314	Man-made fibres & yarns	2407	..	..	..	..	..	..	..	..	..
2315	Man-made fibre broadwoven fabrics	986	5249	63	..	..	13137	192	..	..	..
2316	Cotton yarns & broadwoven fabrics	2475	9765	127	..	..	17809	183	..	..	..
2317	Worsted yarns & broadwoven fabrics	591	2118	60	..	..	..	..	..	..	..
2318	Woolen yarns & broadwoven fabrics	658	2100	42	..	..	3139	54	..	..	..
2319	Narrow woven & elastic fabrics	331	..	..	..	..	..	..	..	..	..
2321	Textile finishing	994	4326	127	..	..	..	..	..	..	..
2322	Household textiles (exc. floor coverings)	238	3033	43	..	..	..	..	..	..	..
231-232	Total textiles, yarns & woven fabrics	10014	26591	467	422	7	45083	595	..	..	..

For footnotes see end of table

TABLE 8. MANUFACTURING ESTABLISHMENTS (a)  
 USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (b) - continued  
 AUSTRALIA 1976-77

Light oils, etc.	Petroleum fuel (non-gaseous)			Town gas	Other fuels	Total value of electricity fuel etc	Industry class	ASIC code		
	Industrial diesel fuel	Furnace oil and other fuel oil								
'000 litre	'000 Tonne	'000 Tonne	'000	'000	'000	'000				
Food, beverages & tobacco										
Meat products										
5617	668	11001	982	143508	8818	1117	749	32570	Meat & abattoir by-products	2111
1309	177	1965	192	5451	411	19	145	3538	Fresh & frozen poultry	2112
739	88	908	66	8399	612	336	185	3906	Bacon, ham & smallgoods	2113
43	5	451	36	302	23	9	3	129	Casings of animal origin	2114
7707	948	14325	1277	157820	9865	1481	1083	40143	Total meat products	211
Milk products										
2492	265	10612	880	74513	5194	856	1661	22024	Liquid milk & cream	2121
									Butter	2122
									Cheese	2123
									Ice cream & frozen confections	2124
									Milk products nec	2125
2492	265	10612	880	74513	5194	856	1661	22024	Total milk products	212
Fruit & vegetable products										
571	75	1343	108	23910	1528	20	56	3120	Fruit products	2131
272	32	367	37	22982	1370	211	95	4239	Vegetable products	2132
843	108	1710	145	46892	2898	230	152	7359	Total fruit & vegetable products	213
882	79	4628	406	15535	951	310	486	4755	Margarine & oils & fats nec	214
Flour mill & cereal food products										
28	5	419	35	92	7	3	4	2715	Flour mill products	2151
18	2	326	33	6550	514	364	166	2747	Starch, gluten & starch sugar	2152
349	33	1425	123	2533	187	355	66	2726	Cereal foods & baking mixes	2153
395	40	2170	191	9175	707	722	246	8189	Total flour mill & cereal food products	215
Bread, cakes & biscuits										
109.3	11.44	17082	1403	19562	1562	850	177	8326	Bread	2161
2066	228	3542	281	1977	151	532	169	2686	Cakes & pastries	2162
175	21	190	14	878	69	1201	2	2400	Biscuits	2163
13164	1393	20814	1698	22477	1782	2583	347	14142	Total bread, cakes & biscuits	216
Not available for publication, included with class 2184										
'Food products nec'										
25	3	1259	116	5298	358	361	8	3169	Raw sugar	2171
97	10	159	11	636	46	20	75	439	Refined sugar	2172
1074	140	2931	241	13338	1103	137	104	4153	Confectionery & cocoa products	2181
5395	478	8424	523	76469	4513	1609	165	13133	Canned fish & other seafoods	2182
									Prepared animal & bird foods	2183
									Food products nec	2184
6591	630	12773	890	95741	6021	2128	352	20893	Raw & refined sugar	2171-2
									Total other food products	218
									Total sugar	217
Beverage & malt										
1126	140	1789	153	5173	361	80	191	2768	Soft drinks, cordials & syrups	2191
1125	118	46	4	44221	2118	458	51	8415	Beer	2192
		343	25	6932	441	927		2763	Malt	2193
796	85	625	51	5652	448	52	177	1956	Wine & brandy	2194
7	1	109	11	7808	422	92	160	783	Alcoholic beverages nec	2195
3054	344	2912	244	69785	3790	1668	578	16685	Total beverages & malt	219
		45	4	1521	102	279		1851	Tobacco products	221
35127	3797	69989	5734	493399	31310	10198	4895	134813	Total food, beverages & tobacco	21-22
Textiles										
Textiles, yarns & woven fabrics										
273	27	192	18			5	17	321	Cotton ginning	2311
		39	3	7490	411	293	116	1551	Scoured & carbonised wool	2312
		30	3	3067	178		99	804	Wool & man-made fibre tops	2313
154	21	1549	139	5258	374	241	1	3183	Man-made fibres & yarns	2314
281	36	102	11	2608	165	172	78	1709	Man-made fibre broadwoven fabrics	2315
183	29	307	24	11983	614	62	57	1571	Cotton yarns & broadwoven fabrics	2316
13	1	736	65	4362	244	7	968	Worsted yarns & broadwoven fabrics	2317	
1152	119	73	6	3905	265	87	91	1313	Woolen yarns & broadwoven fabrics	2318
21	3	429	37	46	4	44	29	448	Narrow woven & elastic fabrics	2319
553	58	1180	114	14656	856	701	109	2960	Textile finishing	2321
3	3	389	38	550	39	9		367	Household textiles (exc. floor coverings)	2322
2914	285	5026	458	53925	3150	1620	597	17196	Total textiles, yarns & woven fabrics	231-232

For footnotes see end of table

TABLE 8. MANUFACTURING ESTABLISHMENTS (a) —  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (b) — continued  
AUSTRALIA 1976-77

ASIC code	Industry class	Elec- tricity		Black coal		Brown coal		Brown coal brquettes		Coke incl. coke breeze	
		\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne
	Other textile products										
2331	Textile floor coverings	1009	4576	122	..	..	..	6679	81	..	..
2332	Felt & felt products	270	..	..	..	..	..	14	..	..	..
2333	Canvas & associated products nec.	195	..	..	..	..	..	..	..	..	..
2334	Rope, cordage & twine	273	..	..	..	..	..	370	7	..	..
2335	Textile products nec.	655	..	..	..	..	..	126	3	..	..
233	Total other textile products	2401	4576	122	..	..	..	7189	90	..	..
23	Total textiles	12416	31167	590	422	7	52274	686	..	..	..
	Clothing & footwear										
	Knitting mills										
2411	Hosiery	728	..	..	..	..	..	..	..	..	..
2412	Cardigans & pullovers	707	..	..	..	..	..	..	..	..	..
2413	Knitted goods nec.	858	..	..	..	..	..	..	..	..	..
241	Total knitting mills	2293	..	..	..	..	..	..	..	..	..
	Clothing										
2421	Women's & girls blouses & frocks	790	..	1	..	..	..	..	..	..	..
2422	Women's & girls outerwear nec.	531	..	..	..	..	..	..	..	..	..
2423	Mens & boys trousers & shorts; work clothing	628	..	..	..	..	..	..	..	..	..
2424	Mens & boys suits & coats; waterproof clothing	380	..	..	..	..	..	..	..	..	..
2425	Underwear, nightwear, shirts & infants clothing nec.	729	..	..	..	..	..	..	..	..	..
2426	Foundation garments	178	..	..	..	..	..	..	..	..	..
2427	Headwear	55	..	..	..	..	..	..	..	..	..
2428	Clothing nec.	292	..	..	..	..	..	..	..	..	..
242	Total clothing	3582	..	1	..	..	..	..	..	..	..
	Footwear										
2431	Rubber footwear	406	..	..	..	..	..	..	..	..	..
2432	Footwear nec.	980	..	..	..	..	..	8	..	..	..
243	Total footwear	1386	..	..	..	..	..	8	..	..	..
24	Total clothing & footwear	7261	..	1	..	..	..	8	..	..	..
	Wood, wood products & furniture										
	Wood & wood products										
2511	Log sawmilling	4116	615	15	..	..	..	..	..	..	..
2512	Resawn & dressed timber	2816	650	13	..	..	..	..	..	320	9
2513	Plywood & manufactured boards	4526	19412	382	28560	86	2282	27	..	..	..
2514	Joinery & wooden structural fittings	1830	..	..	..	..	..	..	..	431	7
2515	Wooden containers	224	..	..	..	..	..	..	..	..	..
2516	Wood, cork, etc., products nec.	1657	..	..	..	..	..	9	..	6	..
251	Total wood & wood products	15169	20677	411	28560	86	2291	27	757	16	..
	Furniture & mattresses										
2521	Furniture exc. sheet metal	3016	..	..	..	..	..	..	..	..	..
2522	Mattresses exc. rubber or wire	292	..	..	..	..	..	..	..	..	..
252	Total furniture & mattresses	3309	..	..	..	..	..	..	..	..	..
25	Total wood, wood products & furniture	18477	20677	411	28560	86	2291	27	757	16	..
	Paper & paper products, printing										
	Paper & paper products										
2611	Pulp, paper & paperboard	13685	305100	6597	288132	1252	13511	144	..	..	..
2612	Paper bags incl. textile bags	449	..	..	..	..	..	..	..	..	..
2613	Solid fibreboard containers	838	..	..	..	..	..	..	..	..	..
2614	Corrugated fibreboard containers	1211	1561	45	1700	9	110	2	..	..	..
2615	Paper products nec.	1762	..	..	..	..	..	..	..	..	..
261	Total paper & paper products	17945	306661	6642	289832	1261	13621	146	..	..	..
	Printing & publishing										
2621	Publishing, printing & publishing	3820	..	..	..	..	..	..	..	..	..
2622	Commercial & job printing, stationery & binding	5393	100	1	10544	42	4	..	20	1	..
2623	Printing trade services nec.	625	..	..	..	..	..	..	..	..	..
262	Total printing & publishing	9837	100	1	10544	42	4	..	20	1	..
26	Total paper & paper products, printing	27782	306761	6643	300376	1303	13625	146	20	1	..

For footnotes see end of table

TABLE 8. MANUFACTURING ESTABLISHMENTS (a) -  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (b) - continued  
AUSTRALIA 1976-77

Light oils, etc.	Petroleum fuel (non-gaseous)			Town gas	Other fuels	Total value of electricity fuel etc.	Industry class	ASIC code		
	Industrial diesel fuel	Furnace oil and other fuel								
'000 litre	'000	Tonne	'000	Tonne	'000	'000	'000	'000		
344	34	1036	100	2416	160	449	16	1970	Other textile products	
		258	25	338	25	46	23	389	Textile floor coverings	2331
57	7	33	3	26	2	3	4	214	Felt & felt products	2332
128	15			797	57	3		355	Canvas & associated products nec	2333
330	48	164	16	1759	127	25	51	925	Rope, cordage & twine	2334
859	101	1491	144	5336	371	525	95	3852	Textile products nec	2335
									Total other textile products	2336
3773	308	6517	602	89261	3511	2148	693	21048	Total textiles	23
									Clothing & footwear	
									Knitting mills	
196	28	284	27	1269	90	38	6	916	Hosiery	2411
79	10	615	57	767	48	36	84	943	Cardigans & pullovers	2412
107	13	261	24	2270	140	91	86	1511	Knitted goods nec	2413
183	50	1160	109	4306	278	165	175	3070	Total knitting mills	241
									Clothing	
58	8	142	14	157	12	9	28	862	Womens & girls blouses & frocks	2421
87	11	54	5	305	26	29	3	604	Womens & girls outerwear nec	2422
257	30	904	82	1133	72	16	8	836	Mens & boys trousers & shorts; work clothing	2423
77	10	644	57	567	41	49	3	540	Mens & boys suits & coats; waterproof clothing	2424
350	39	168	15	250	19	14	4	820	Underwear, nightwear, shirts & infants clothing nec	2425
25	3			1		9		190	Foundation garments	2426
69	8	158	17	112	8	3	4	94	Headwear	2427
103	14	39	3	8	1	11	3	325	Clothing nec	2428
1028	123	2109	191	2533	178	140	52	4271	Total clothing	2429
									Footwear	
136	19	357	28	142	10	10	6	479	Rubber footwear	2431
182	21	19	2	104	8	33	18	1062	Footwear nec	2432
118	40	176	30	216	18	43	23	1540	Total footwear	243
1729	213	3645	332	7085	475	348	251	8882	Total clothing & footwear	24
									Wood, wood products & furniture	
									Wood & wood products	
10338	1380	5798	432	2670	202	1	137	6283	Log sawmilling	2511
3096	419	7995	224	5267	350		225	4057	Resawn & dressed timber	2512
511	62	4740	360	29478	1866	186	613	8108	Plywood & manufactured boards	2513
1395	170	319	30	296	21	23	19	2100	Joinery & wooden structural fittings	2514
676	87	96	9			4	5	329	Wooden containers	2515
1532	176	914	87	343	32	24	62	2039	Wood, cork etc. products nec	2516
17549	2394	19662	1143	18054	2471	238	1061	22915	Total wood & wood products	251
									Furniture & mattresses	
550	68	276	26	931	61	171	104	3447	Furniture exc. sheet metal	2521
118	15	22	2	26	2	8		320	Mattresses exc. rubber or wire	2522
668	81	298	28	957	64	179	105	3767	Total furniture & mattresses	252
18217	2377	20160	1171	39011	2535	417	1165	26682	Total wood, wood products & furniture	25
									Paper & paper products, printing	
									Paper & paper products	
1088	132	4049	364	136428	6687	2070	42	30968	Pulp, paper & paperboard	2611
215	26	81	3	119	11	36	5	529	Paper bags incl. textile bags	2612
269	27	142	14	1070	84	84	44	1091	Solid fibre-board containers	2613
44	5	2804	151	4195	374	177	178	2052	Corrugated fibre-board containers	2614
246	30	1591	147	6600	344	477	3	2763	Paper products nec	2615
1862	221	8629	679	19842	7193	2841	272	37403	Total paper & paper products	261
									Printing & publishing	
772	89	125	9	712	45	132	10	4096	Publishing, printing & publishing	2621
1094	129	843	74	1227	93	354	59	6144	Commercial & job printing, stationery & binding	2622
31	4	23	2			25	1	656	Printing trade services nec	2623
1897	222	991	86	1939	118	301	69	10896	Total printing & publishing	262
3758	443	9620	765	150351	7533	3344	341	48299	Total paper & paper products, printing	26

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TABLE 1.—MANUFACTURING ESTABLISHMENTS (4)—  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (B)—*continued*  
AUSTRALIA 1976-77

ASIC code	Industry class	Elec- tricity		Black coal		Brown coal		Coke incl. coke breeze	
		\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne
Chemical, petroleum & coal products									
Basic chemicals									
2711	Chemical fertilisers	5197							
2712	Industrial gases	Not available for publication; included with group 271 'Basic chemicals'							
2713	Plastic materials	5816							
2714	Organic industrial chemicals nec	4399	28263	686			13174	146	
2715	Inorganic industrial chemicals nec	Not available for publication; included with group 271 'Basic chemicals'							
271	Total basic chemicals	9541	17568	1119			26806	109	35604 2687
Other chemical & related products									
2721	Ammunition, explosives & fireworks	Not available for publication; included with group 272 'Other chemical and related products'							
2722	Paints, varnishes and lacquers	1240							
2723	Pharmaceutical & veterinary products	2360	614	23			229	3	
2724	Pesticides & agricultural chemicals	361	167	4					
2725	Soap & other detergents	1276	13846	351					
2726	Cosmetics & toilet preparations	504							
2727	Inks	223							
2728	Chemical products nec	Not available for publication; included with group 272 'Other chemical and related products'							
272	Total other chemical & related products	7529	14627	377			27983	276	50 2
273	Petroleum refining	8920							
274	Petroleum & coal products nec	446							
27	Total chemical, petroleum & coal products	46437	52195	1497			54791	586	35654 2689
Non-metallic mineral products									
Glass & glass products									
2811	Plate & sheet glass								
2812	Glass bottles & jars								
2813	Glass products nec	4595	3216	71					88 4
281	Total glass & glass products	4595	3216	71					88 4
Clay products									
2821	Clay bricks & clay refractories	8864	64906	1441	7099	80	4501	55	378 14
2822	Ceramic construction goods	1850	9331	187					
2823	China & other ceramic goods nec	675	892	52					
282	Total clay products	11389	74249	1680	7099	80	4501	55	378 14
Cement & concrete products									
2831	Cement	10292	764060	10727			53539	530	32 1
2832	Ready-mix-d concrete	1145							
2833	Concrete pipes	Not available for publication; included with group 283 'Cement and concrete products'							
2834	Concrete products exc. pipes	1207	17						1465 37
2835	Asbestos cement products	Not available for publication; included with group 283 'Cement and concrete products'							
283	Total cement & concrete products	15224	774166	11006			61711	668	2046 46
Other non-metallic mineral products									
2841	Plaster products	954					374	7	
2842	Stone products	114							5
2843	Non-metallic mineral products nec	2106	87446	1241					6186 487
284	Total other non-metallic mineral products	3175	87446	1241			374	7	6191 487
28	Total non-metallic mineral products	34383	939077	13997	7099	80	66588	730	8703 554
Basic metal products									
Basic iron & steel									
2911	Iron ore pelletising & metallising	23517							
2912	Iron & steel basic products	72636	10958	288					600910 29321
2913	Iron & steel castings & forgings	6300					289	7	34209 2744
2914	Steel pipes & tubes	2146							2501 184
291	Total basic iron & steel	104599	10958	288			289	7	637620 32250
Non-ferrous metal basic products									
2921	Smelting & refining of copper	1253	84048	2990					10047 553
2922	Smelting & refining of silver, lead & zinc								
2925	Smelting & refining of nickel	11228	5550	1654					127571 12088
2926	Smelting & refining of non-ferrous metals nec								

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TABLE 8.—MANUFACTURING ESTABLISHMENTS (a) —  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (b) — continued  
AUSTRALIA 1976-77

ASIC code	Industry class	Elec- tricity		Black coal		Brown coal		Brown coal briquettes		Coke incl. coke breeze		
		\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	\$'000	Tonne	
2923	Alumina .....	43165	974031	13882	..	..	..	..	..	..	..	
2924	Smelting of aluminium .....	..	..	..	..	..	..	..	..	..	..	
2927	Rolling, drawing & extruding of aluminium .....	3775	..	..	..	..	..	..	..	..	..	
2928	Rolling, drawing & extruding of non-ferrous metals nec .....	3477	..	..	..	..	..	..	..	..	..	
2929	Non-ferrous metal castings .....	624	737	24	..	..	4	..	354	27	..	
2931	Secondary recovery & alloying of non-ferrous metals nec .....	967	9949	138	..	..	..	..	10478	580	..	
292-293	Total non-ferrous metal basic products .....	64489	1124275	18687	..	..	4	..	148400	13248	..	
29	<b>Total basic metal products .....</b>	<b>169089</b>	<b>1135233</b>	<b>18976</b>	..	..	<b>293</b>	<b>7</b>	<b>786020</b>	<b>48498</b>	..	
	Fabricated metal products											
	Fabricated structural steel											
3111	Fabricated structural steel .....	2460	9	..	..	..	4	..	227	16	..	
3112	Architectural aluminium products .....	970	..	..	..	..	..	..	..	..	..	
3113	Architectural metal products nec .....	239	1	..	..	..	..	..	115	7	..	
3114	Boiler & plate work .....	1327	..	..	..	..	..	..	..	..	..	
311	Total fabricated structural metal products .....	4996	10	..	..	..	4	..	342	22	..	
	Sheet metal products											
3121	Metal containers .....	2365	..	..	..	..	..	..	..	..	..	
3122	Sheet metal furniture .....	491	..	..	..	..	9	..	..	..	..	
3123	Sheet metal products nec .....	3046	..	..	..	..	30	1	1249	51	..	
312	Total sheet metal products .....	5902	..	..	..	..	39	1	1249	51	..	
	Other fabricated metal products											
3131	Cutlery & hand tools .....	566	..	..	..	..	..	..	403	21	..	
3132	Springs & wire products .....	1797	218	7	..	..	..	..	343	15	..	
3133	Nuts, bolts, screws & rivets .....	1092	..	..	..	..	..	..	..	..	..	
3134	Metal coating & finishing .....	2685	..	..	..	..	..	..	..	..	..	
3135	Steam, gas & water fittings .....	1000	..	..	..	..	..	..	773	40	..	
3136	Metal blinds & awnings .....	256	..	..	..	..	6	..	..	..	..	
3137	Metal blinds & awnings nec .....	3025	5720	81	..	..	5743	86	90	10	..	
313	Total other fabricated metal products .....	10423	5938	87	..	..	5749	86	1613	86	..	
31	<b>Total fabricated metal products .....</b>	<b>21319</b>	<b>5948</b>	<b>87</b>	..	..	<b>5792</b>	<b>87</b>	<b>3204</b>	<b>150</b>	..	
	Transport equipment											
	Motor vehicles & parts											
3211	Motor vehicles .....	10944	..	..	5926	42	5851	83	18255	1750	..	
3212	Truck & bus bodies, trailers, caravans .....	4010	..	..	..	..	10	..	17	..	..	
3213	Motor vehicle instruments & electrical equipment nec .....	731	..	..	..	..	..	..	139	3	..	
3214	Motor vehicle parts nec .....	5214	735	17	..	..	..	..	545	44	..	
321	Total motor vehicles & parts .....	17899	735	17	5926	42	5861	83	18956	1797	..	
	Other transport equipment											
3221	Ship building & repair .....	2147	13	..	..	..	43	1	42	3	..	
3222	Boat building & repair .....	342	..	..	..	..	..	..	..	..	..	
3223	Locomotives, rolling stock & repair .....	2346	2085	63	..	..	2765	26	2159	165	..	
3224	Aircraft building & repair .....	1986	232	7	..	..	..	..	265	8	..	
3225	Transport equipment nec .....	230	..	..	..	..	..	..	..	..	..	
322	Total other transport equipment .....	7050	2160	70	..	..	2808	27	2466	176	..	
32	<b>Total transport equipment .....</b>	<b>24950</b>	<b>3065</b>	<b>87</b>	<b>5926</b>	<b>42</b>	<b>8669</b>	<b>110</b>	<b>21422</b>	<b>1973</b>	..	
	Other machinery & equipment											
	Photographic, professional & scientific equipment											
3311	Photographic goods, optical instruments & film processing .....	1066	..	..	..	..	..	..	..	..	..	
3312	Measuring apparatus & professional & scientific equipment nec .....	401	..	..	..	..	..	..	4	..	..	
331	Total photographic, professional & scientific equipment .....	1467	..	..	..	..	..	..	4	..	..	
	Appliances & electrical equipment											
3321	TV, radios & electronic equipment nec .....	3097	..	..	..	..	..	..	..	..	..	

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TABLE B - MANUFACTURING ESTABLISHMENTS (A) -  
 USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (B) - continued  
 AUSTRALIA 1976-77

		Petroleum fuel (non-gaseous)			Iron gas	Other fuels	Total value of electricity fuel etc	Industry class	ANZC code
Light oils etc	Industrial diesel fuel	Furnace oil and other fuel							
\$'000	Tonne	\$'000	Tonne	\$'000	\$'000	\$'000	\$'000		
300									
2680	365	14631	985	941239	66411	11015	7204	143027	Alumina 2923
	108	14	3047	292	33420	1247	573	546	Smelting of aluminium 2924
	4715	432	1360	133	27365	1424	175	981	Rolling, drawing & extruding of aluminium 2927
	405	52	1872	179	4378	331	216	71	Rolling, drawing & extruding of non-ferrous metals nec 2928
	1689	129	4324	290	11972	757	256	116	Non-ferrous metal castings 2929
	12897	1231	36174	4834	147889	95202	11584	9684	Secondary recovery & alloying of non-ferrous metals nec 2931
<b>21694</b>	<b>2040</b>	<b>121049</b>	<b>9086</b>	<b>145178</b>	<b>135961</b>	<b>17267</b>	<b>21672</b>	<b>419596</b>	Total non-ferrous metal basic products 292-294 29
									Total basic metal products
									Forged metal products
									Fabricated structural metal products
									Smelting of aluminium 3111
									Architectural aluminium products 3112
									Architectural metal products nec 3113
									Bolts & plate work 3114
									Total fabricated structural metal products 311
									Sheet metal products
									Metal containers 3121
									Sheet metal furniture 3122
									Sheet metal products nec 3123
									Total sheet metal products 312
									Other fabricated metal products
									Cutlery & hand tools 3131
									Springs & wire products 3132
									Nuts, bolts, screws & rivets 3133
									Metal coating & finishing 3134
									Steam gas & water fittings 3135
									Metal blinds & awnings 3136
									Fabricated metal products nec 3137
									Total other fabricated metal products 313
									Total fabricated metal products 31
									Transport equipment
									Motor vehicles & parts
									Motor vehicles 3211
									Trucks & bus bodies, trailers, caravans 3212
									Motor vehicle instruments & electrical equipment nec 3213
									Motor vehicle parts nec 3214
									Total motor vehicles & parts 321
									Other transport equipment
									Shipbuilding & repair 3221
									Bus building & repair 3222
									Locomotives, rolling stock & repair 3223
									Aircraft building & repair 3224
									Transport equipment nec 3225
									Total other transport equipment 322
									Total transport equipment 32
									Other machinery & equipment
									Photographic, professional & scientific equipment
									Photographic goods, optical instruments & film processing 3311
									Measuring apparatus & professional & scientific equipment nec 3312
									Total photographic, professional & scientific equipment 331
									Appliances & electrical equipment
									TV, radio & electronic equipment nec 3321

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TABLE 3. MANUFACTURING ESTABLISHMENTS (1)  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (1) - continued  
AUSTRALIA 1976-77

ANZC code	Industry class	Electricity		Black coal		Brown coal		Biomass/ bioproducts		Other fuel	
		Units	Tonne	Units	Tonne	Units	Tonne	Units	Tonne	Units	Tonne
3322	Refrigerators & household appliances	5612	10 397	177						4171	129
3323	Water heating systems	222									
3324	Electric & telephone cable & wire	1851									
3325	Batteries	1393	4532	65							
3326	Electrical machinery & equipment nec	4328								168	7
332	Total appliances & electrical equipment	13801	11929	242						4339	136
3331	Industrial machinery & equipment										
3331	Agricultural machinery & equipment	2427	524	10			492	9		4176	388
3332	Construction & earthmoving machinery	337					88	2		129	11
3333	Materials handling equipment	915									
3334	Woodworking & metalworking machinery	551					4				
3335	Pumps & compressors	894					16			379	26
3336	Commercial space heating & air conditioning equipment	502								1014	101
3337	Dies, saw blades & machine tool accessories	1030									
3338	Food processing machinery	500	12							1029	100
3339	Industrial machinery & equipment nec	3591	384	9			10			1965	151
333	Total industrial machinery & equipment	11946	920	19			610	11		8691	727
33	Total other machinery & equipment	29216	12849	362			610	11		10038	912
	Miscellaneous manufacturing										
3411	Leather tanning & fur dressing	748	2914	65			1810	21			
3412	Leather & substitute products nec	562									
341	Total leather & leather products	1089	2914	65			1810	21			
	Rubber products										
3421	Rubber tyres, tubes, belts, hose sheets	4023	8375	317							
3422	Rubber products nec	1739	1240	29							
342	Total rubber products	6631	9583	366							
	Plastic & related products										
3431	Flexible packing materials & products	2586					823	13			
3432	Rigid plastic sheeting	186									
3433	Hard surface floor coverings nec	313									
3434	Plastic products nec	9627					1489	23			
343	Total plastic & related products	12711					2312	36			
	Other manufacturing										
3441	Ophthalmic articles	250									
3442	Jewellery & silverware	225									
3443	Brooms & brushes	237					8				
3444	Signs & advertising displays	382									
3445	Sporting equipment	339	1258	39							
3446	Writing & marking equipment	199									
3447	Manufacturing nec	274	78487	1543							
344	Total other manufacturing	1807	79745	1782			8				
34	Total miscellaneous manufacturing	32281	92241	3116			4130	67			
	TOTAL MANUFACTURING	48460	2866536	5062	356951	1755	352712	4212	866419	51858	

(1) All manufacturing establishments owned by multi-establishment enterprises and single establishments of manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (2) Electricity usage of electricity and fuels, produced and used in the same establishment in

TABLE 8. MANUFACTURING ESTABLISHMENTS (A) —  
USAGE OF ELECTRICITY AND FUELS BY INDUSTRY CLASS (C) — continued  
AUSTRALIA 1976-77

Light oils, etc.	Petroleum Fuel (non gaseous)			Coal		Other fuels		Total value of elec- tricity used in m	Industry class	A/E code
	Endothal diesel fuel	Paraffinic diesel fuel	Paraffinic other fuel used	ton	ton	ton	ton			
1000 litre	£'000	Tonne	£'000	Tonne	£'000	£'000	£'000	£'000		
1613	206	1280	97	8024	577	1186	229	7614	Refrigerators & household appliances	3323
23	3					261	55	341	Water heating systems	3323
211	20	1425	117	5333	229	400	19	2636	Electric & telephone cable & wire	3324
76	9	184	16	308	22	441	73	1918	Batteries	3325
780	104	2976	749	4751	566	608	291	5902	Electrical machinery & equipment, nec	3326
1296	410	6874	758	20161	1484	1079	544	22476	Food appliances & electrical equipment	3327
1432	171	5462	360	4216	317	265	220	4170	Industrial machinery & equipment	
175	18	251	21	240	21	79	25	363	Agricultural machinery & equipment	3331
931	120	104	11	426	31	21	74	1168	Construction & earthmoving machinery	3332
131	15	291	22	619	50	49	25	692	Materials handling equipment	3333
309	34	209	20	477	35	149	59	1217	Manufacturing & metalworking machinery	3334
323	34	161	15	151	9	33	65	800	Pumps & compressors	3335
207	38	614	60	323	24	78	35	1265	Commercial space heating & air conditioning equipment	3336
623	71	1684	91	53	4	52	29	847	Cranes, saw blades & machine tool accessories	3337
1629	200	3057	380	1989	162	334	307	6033	Food processing machinery	3338
5800	508	11519	880	8350	653	1099	865	16934	Textile manufacturing & equipment, nec	3339
9307	1150	18723	1460	29586	2198	4014	1629	4129	Food industrial machinery & equipment	334
									Total other machinery & equipment	335
									Miscellaneous manufacturing	
178	19	761	76	4283	274	79	8	1393	Leather tanning & finishing	3411
63	9	82	8	11	1	7	3	309	Leather & substitute products, nec	3412
241	25	841	84	4291	273	86	11	1342	Food leather & leather products	341
133	17	182	17	19990	1067	1207	4	7471	Rubber products	
691	68	1678	147	2644	216	476	28	2683	Rubber tyres, tubes, belts, hose, sheets	3421
824	86	1310	164	22614	1273	1683	31	10334	Rubber products, nec	3422
339	41	401	56	10768	727	28	21	3709	Food rubber products	342
				1300	134	61		381	Plastic & related products	
147	16	913	79	143	12	8	30	419	Flexible packing, material & products	3431
1088	112	2053	203	6048	460	576	83	10084	Rigid plastic sheeting	3432
1574	168	3371	315	18461	1333	911	134	16614	Hard surface floor covering, nec	3433
									Plastic products, nec	3434
									Food plastic & related products	343
									Other manufacturing	
121	13			46	3	2		268	Optical articles	3441
20	2	30	3	27	3	30	7	371	Jewellery & silverware	3442
66	8	52	4	9	1	25	3	278	Brooms & brushes	3443
116	15	159	14	151	12	18	3	463	Signs & advertising displays	3444
9	1	7		479	36	16	4	435	Typing equipment	3445
46	4	127	15	306	28	19		366	Wrapping & marking equipment	3446
41	6	104	9	1336	76	16	5	2130	Manufacturing, nec	3447
479	50	109	43	2310	139	145	24	4112	Food other manufacturing	347
3058	333	6534	612	47339	3039	2844	190	31487	Total miscellaneous manufacturing	34
166126	17748	413191	30944	4156113	251827	83919	60185	103788	TOTAL MANUFACTURING	

(A) All manufacturing establishments owned by multi-establishment enterprises and single establishments owned by single enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes). (C) Excludes usage of electricity and fuels produced and used in the user establishment.

TABLE 9.—MANUFACTURING ESTABLISHMENTS (a)—  
FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET, TRANSACTION AND INDUSTRY CLASS  
AUSTRALIA 1976-77

(5'000)

ASIC code	Industry class	Outlay on Land and second-hand fixed tangible assets			Disposals of fixed tangible assets	Fixed capital expenditure (outlay on fixed tangible assets less disposals)		
		Land buildings and other structures	Plant machinery and equipment	Total outlay on new fixed tangible assets		Land buildings and other structures	Plant machinery and equipment	Total
	Food, beverages & tobacco							
	Meat products							
2111	Meat & abattoir by-products	14663	30494	45157	4234	5999	13038	30353
2112	Fresh & frozen poultry	2207	6176	8383	1275	584	3291	5783
2113	Bacon, ham & smallgoods	4069	5935	10004	777	340	4538	5903
2114	Casings of animal origin	64	75	139	86	1	136	88
211	Total meat products	21003	42680	63682	6372	6924	21003	42128
	Milk products							
2121	Liquid milk & cream							
2122	Butter							
2123	Cheese							
2124	Ice cream & frozen confections	5329	21879	27208	6139	4317	8371	20660
2125	Milk products nec.							
212	Total milk products	5329	21879	27208	6139	4317	8371	20660
	Fruit & vegetable products							
2131	Fruit products	887	4233	5120	807	771	1141	4015
2132	Vegetable products	412	5518	5930	2151	1934	1489	4659
213	Total fruit & vegetable products	1298	9752	11050	2958	2705	2629	8674
214	Margarine & oils & fats nec.	178	4404	4582	202	429	243	4112
	Flour mill & cereal food products							
2151	Flour mill products	1038	3500	4537	1493	375	2263	3393
2152	Starch, gluten & starch sugar	21	1490	1511	3289	2796	438	1562
2153	Cereal foods & baking mixes	973	6534	7507	548	403	1156	6496
215	Total flour mill & cereal food products	2031	11524	13556	5329	3574	3856	11454
	Bread, cakes & biscuits							
2161	Bread	1240	9166	10406	4577	3026	2190	9767
2162	Cakes & pastries	1198	4859	6057	1809	622	2100	5234
2163	Biscuits	1103	4752	5855	162	549	1119	4349
216	Total bread, cakes & biscuits	3541	18777	22318	6549	4198	5319	19350
	Sugar & other food products							
2171	Raw sugar							
2172	Refined sugar							
2181	Confectionery & cocoa products	710	6537	7246	1435	1409	1402	5871
2182	Canned fish & other seafoods	363	1203	1565	169	86	382	1265
2183	Prepared animal & bird foods	1934	7500	9434	390	662	1885	7278
2184	Food products nec.							
217-2	Raw & refined sugar	16314	104323	120637	3332	3278	17543	103148
218	Total other food products	19320	119562	138882	5325	5435	21211	117562
217	Total sugar							
	Beverages & malt							
2191	Soft drinks, cordials & syrups	1107	7596	8703	3723	1791	2129	8506
2192	Beer	21997	47050	69047	347	1672	21115	46607
2193	Malt	266	732	932	15	25	207	710
2194	Wine & brandy	3055	10140	13194	1295	1228	3350	9912
2195	Alcoholic beverages nec.	96	390	485	24	7	111	391
219	Total beverages & malt	26453	65908	92362	5404	4727	26912	66127
221	Tobacco products	1098	5277	6375	476	2266	1406	3179
21-22	Total food, beverages & tobacco	80253	299762	380015	38755	34573	90950	293246
	Textiles							
	Textiles, yarns & woven fabrics							
2311	Cotton ginning	280	1210	1490		19	280	1191
2312	Scoured & carbonised wool	33	1555	1588	276	257	104	1503
2313	Wool & man-made fibre tops	153	595	749	27	7	153	616
2314	Man-made fibres & yarns	25	2528	2553	171	2213	292	1824
2315	Man-made fibre broadwoven fabrics	131	2423	2554	229	656	94	2220
2316	Cotton yarns & broadwoven fabrics	391	1619	2010	275	422	321	1542
2317	Worsted yarns & broadwoven fabrics	71	1711	1783	91	718	205	1360
2318	Woolen yarns & broadwoven fabrics	6	1453	1458	41	406	278	1371
2319	Narrow woven & elastic fabrics	104	775	879	65	28	112	804
2321	Textile finishing	26	1817	1843	32	152	26	1698

For footnotes see end of table

TABLE 9—MANUFACTURING ESTABLISHMENTS (a)  
FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET, TRANSACTION AND INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(S'000)

ASIC code	Industry class	Outlay on Land and second-hand			Disposals of fixed assets	Fixed capital expenditure (outlay on fixed tangible assets less disposals)			
		new fixed tangible assets	total fixed tangible assets	total fixed tangible assets		Land buildings and other structures	Plant machinery and equipment	Total	
2322	Household textiles (exc. floor coverings)	35	326	361	90	82	35	335	370
231-232	Total textiles, yarns & woven fabrics	1255	16012	17267	2902	4960	745	14464	15209
	Other textile products								
2331	Textile floor coverings	586	6368	6954	1842	1072	64	7661	7725
2337	Felt & felt products	..	467	467	9	96	..	380	380
2333	Canvas & associated products nec	121	458	579	1354	648	809	477	1286
2334	Rope, cordage & twine	139	508	508	27	172	..	362	362
2335	Textile products nec	846	1475	1615	138	614	-340	1478	1138
233	Total other textile products	2101	25288	27389	6273	7562	1278	24822	26100
23	Total textiles								
	Clothing & footwear								
	Knitting mil's								
2411	Hosiery	12	798	811	51	723	-361	500	139
2412	Cardigans & pullovers	5	1510	1515	421	227	51	1658	1709
2413	Knitted goods nec	74	2390	2464	294	420	91	2246	2337
241	Total knitting mil's	91	4698	4789	766	1370	-219	4404	4185
	Clothing								
2421	Womens & girls blouses & frocks	184	1001	1185	444	213	339	1076	1415
2422	Womens & girls outerwear nec	6	1560	1566	220	272	30	1484	1514
2423	Mens & boys trousers & shorts; work clothing	59	1589	1648	483	306	458	1361	1825
2424	Mens & boys suits & coats; waterproof clothing	7	558	565	386	167	195	589	784
2425	Underwear, nightwear, shirts & infants clothing nec	99	1787	1886	304	420	8	1762	1770
2426	Foundation garments	43	513	556	122	730	-571	520	..
2427	Headwear	..	7	7	12	19	..	..	..
2428	Clothing nec	291	614	904	969	801	412	660	1073
242	Total clothing	689	7640	8319	2940	2930	871	7458	8329
	Footwear								
2431	Rubber footwear	..	1100	1100	48	72	..	1076	1076
2432	Footwear nec	27	1721	1748	218	310	72	1584	1656
243	Total footwear	27	2821	2847	266	382	72	2660	2732
24	Total clothing & footwear	806	15149	15955	3972	4682	724	14522	15245
	Wood, wood products & furniture								
	Wood & wood products								
2511	Log sawmilling	2189	11169	13358	2672	2055	2778	11198	13976
2512	Resawn & dressed timber	2292	9034	11327	676	1365	1996	8642	10638
2513	Plywood & manufactured boards	1852	19746	21599	1676	438	3094	19743	22837
2514	Joinery & wooden structural fittings	1732	7149	8881	2398	1155	3148	6977	10125
2515	Wooden containers	78	1921	1999	78	311	111	1655	1766
2516	Wood, cork, etc. products nec	1858	3184	5042	498	589	2034	2917	4951
251	Total wood & wood products	10002	52204	62206	8000	5912	13162	51151	64293
	Furniture & mattresses								
2521	Furniture exc. sheet metal	5520	8837	14357	3199	1519	7261	8776	16037
2522	Mattresses exc. rubber or wire	117	1263	1379	29	185	117	1106	1223
252	Total furniture & mattresses	5636	10100	15736	3227	1704	7477	9882	17259
25	Total wood, wood products & furniture	15638	62304	77942	11227	7616	20539	61013	81553
	Paper & paper products, printing								
	Paper & paper products								
2611	Pulp, paper & paperboard	1827	44227	46054	774	1647	2000	43181	45181
2612	Paper bags incl. textile bags	39	1556	1595	137	384	-28	1346	1318
2613	Solid fibreboard containers	533	4526	5059	476	631	855	4048	4904
2614	Corrugated fibreboard containers	484	10313	10797	2144	2241	1718	8982	10700
2615	Paper products nec	1870	7720	9590	78	1289	1533	6846	8379
261	Total paper & paper products	4753	68342	73094	3579	6193	6078	64403	70481
	Printing & publishing								
2621	Publishing, printing & publishing	1259	15550	16808	4796	2287	2511	16806	19317
2622	Commercial & job printing, stationery & binding	1448	23381	24829	4937	7369	935	21462	22397

† For footnotes see end of table.

TABLE 9—MANUFACTURING ESTABLISHMENTS (a)—  
FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET, TRANSACTION AND INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Outlay on Land and			Disposals of	Fixed capital expenditure			
		new fixed tangible assets				second-hand fixed tangible assets	(outlay on fixed tangible assets less disposals)		
		Land and other structures	Plant machinery and equipment	Total on new fixed tangible assets			Land and other structures	Plant machinery and equipment	Total
2623	Printing trade services nec	247	1717	1964	1047	1254	502	1256	1757
262	Total printing & publishing	2951	40648	43601	10781	10910	1947	19525	43472
26	<b>Total paper &amp; paper products, printing</b>	<b>7706</b>	<b>108989</b>	<b>116695</b>	<b>14360</b>	<b>17103</b>	<b>10025</b>	<b>103928</b>	<b>113953</b>
	Chemical, petroleum & coal products								
	Basic chemicals								
2711	Chemical fertilisers	364	6273	6636	871	334	1181	5992	7174
2712	Industrial gases	Not available for publication; included with group 271 'Basic chemicals'							
2713	Plastic materials	641	16707	17348	11	160	592	16607	17198
2714	Organic industrial chemicals nec	753	14101	14853	340	631	719	13844	14563
2715	Inorganic industrial chemicals nec	Not available for publication; included with group 271 'Basic chemicals'							
271	Total basic chemicals	5014	74865	79878	2652	4368	5126	73036	78163
	Other chemical & related products								
2721	Ammunition, explosives & fireworks	Not available for publication; included with group 272							
	'Other chemical and related products'								
2722	Paints, varnishes and lacquers	970	6080	7051	505	1251	1244	5060	6304
2723	Pharmaceutical & veterinary products	7202	11806	19008	243	2476	7128	9647	16775
2724	Pesticides & agricultural chemicals	1218	2865	4083	223	244	1355	3707	4062
2725	Soap & other detergents	2533	6861	9393	355	2210	2077	5462	7555
2726	Cosmetics & toilet preparations	2876	3368	6245	87	681	2856	2795	5650
2727	Inks	1110	1110	1110	118	612	29	908	616
2728	Chemical products nec	Not available for publication; included with group 272							
	'Other chemical and related products'								
272	Total other chemical & related products	7291	17912	55201	2869	8321	16817	13914	49751
273	Petroleum refining	2159	19305	41465	1221	472	2112	40102	42214
274	Petroleum & coal products nec	116	777	893	16	57	123	710	852
27	<b>Total chemical, petroleum &amp; coal products</b>	<b>24580</b>	<b>152859</b>	<b>177439</b>	<b>6758</b>	<b>13217</b>	<b>24178</b>	<b>146801</b>	<b>170980</b>
	Non-metallic mineral products								
	Glass & glass products								
2811	Plate & sheet glass								
2812	Glass bottles & jars								
2813	Glass products nec	592	13444	14035	647	1189	240	13253	13493
281	Total glass & glass products	592	13444	14035	647	1189	240	13253	13493
	Clay products								
2821	Clay bricks & clay refractories	3297	22828	26126	622	1960	2600	22187	24787
2822	Ceramic construction goods	491	5018	5510	120	179	559	4891	5451
2823	China & other ceramic goods nec	293	975	1268	64	774	303	861	558
282	Total clay products	4081	28822	32903	807	2914	2857	27919	30796
	Cement & concrete products								
2831	Cement	2443	13167	15611	462	511	2820	12741	15561
2832	Ready mixed concrete	405	7591	7996	1506	2105	26	7377	7397
2833	Concrete pipes	Not available for publication; included with group 283							
	'Cement and concrete products'								
2834	Concrete products exc. pipes	2990	9248	12239	1885	2221	3220	8482	11902
2835	Asbestos cement products	Not available for publication; included with group 283							
	'Cement and concrete products'								
283	Total cement & concrete products	6718	19619	46357	4125	5473	6970	18040	45009
	Other non-metallic mineral products								
2841	Plaster products	414	3137	3551	269	220	606	2994	3601
2842	Stone products	39	253	292	47	201	105	243	138
2843	Non-metallic mineral products nec	745	6645	7391	242	930	754	5949	6703
284	Total other non-metallic mineral products	1199	10035	11233	559	1351	1256	9186	10442
28	<b>Total non-metallic mineral products</b>	<b>12609</b>	<b>91919</b>	<b>104529</b>	<b>6138</b>	<b>10928</b>	<b>11322</b>	<b>88417</b>	<b>99739</b>
	Basic metal products								
	Basic iron & steel								
2911	Iron ore pelleting & metallising	286	1478	1764		10	286	1469	1754
2912	Iron & steel basic products	40199	125337	165536	2044	7192	40131	120256	160387
2913	Iron & steel castings & forgings	1251	7045	8247	1404	1573	1238	6690	8128
2914	Steel pipes & tubes	849	9763	10611	721	558	1403	9372	10774
291	Total basic iron & steel	42385	143623	186208	4169	9131	43057	137987	181044

For footnote see end of table.

TABLE 9. MANUFACTURING ESTABLISHMENTS (a) —  
FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET, TRANSACTION AND INDUSTRY CLASS — continued  
AUSTRALIA 1976-77

(\$'000)

ASIC code	Industry class	Outlay on Land and second-hand			Disposals of fixed tangible assets	Fixed capital expenditure (outlay on fixed tangible assets less disposals)			
		new fixed tangible assets	Land buildings and other structures	Plant machinery and equipment		Land buildings and other structures	Plant machinery and equipment	Total	
<b>Non-ferrous metal basic products</b>									
2921	Smelting & refining of copper	3769	7093	10862	3	451	3772	6643	10414
2922	Smelting & refining of silver, lead & zinc								
2925	Smelting & refining of nickel								
2926	Smelting & refining of non-ferrous metals nec	1274	8629	9904	52	741	964	8249	9214
2923	Alumina								
2924	Smelting of aluminium	5535	14970	20506	4484	632	9297	15062	24359
2927	Rolling, drawing & extruding of aluminium	1534	14348	15882	50	1421	1250	13261	14511
2928	Rolling, drawing & extruding of non-ferrous metal nec	973	5842	6815	61	191	998	5688	6685
2929	Non-ferrous metal castings	147	850	997	158	169	147	839	986
2931	Secondary recovery & alloying of non-ferrous metals nec	204	1823	2027	234	156	381	1723	2104
292-294	Total non-ferrous metal basic products	13417	51557	66991	5041	1762	16810	51461	68272
<b>29</b>	<b>Total basic metal products</b>	<b>56022</b>	<b>197180</b>	<b>253201</b>	<b>9210</b>	<b>13095</b>	<b>59867</b>	<b>189449</b>	<b>249317</b>
<b>Fabricated metal products</b>									
<b>Fabricated structural metal products</b>									
3111	Fabricated structural steel	3354	6997	10351	2878	3683	2833	6713	9547
3112	Architectural aluminium products	2125	3516	5641	479	1309	1782	3028	4810
3113	Architectural metal products nec	258	1193	1451	393	108	340	1395	1736
3114	Boiler & plate work	696	5067	5763	967	1134	259	5337	5596
311	Total fabricated structural metal products	6433	16773	23206	4717	6235	5214	16474	21688
<b>Sheet metal products</b>									
3121	Metal containers	245	5433	5678	1308	275	433	6277	6710
3122	Sheet metal furniture	24	1277	1300	208	108	144	1256	1400
3123	Sheet metal products nec	1741	9831	11572	3608	1588	3274	10318	13592
312	Total sheet metal products	2009	16341	18550	5123	1971	1850	17851	21702
<b>Other fabricated metal products</b>									
3131	Cutlery & hand tools	580	1468	2048	291	417	580	1342	1921
3132	Springs & wire products	179	5368	5547	880	1253	318	4856	5173
3133	Nuts, bolts, screws & rivets	295	3784	4080	8017	395	7681	4022	11707
3134	Metal coating & finishing	407	2675	3082	746	499	702	2628	3330
3135	Steam, gas & water fittings	208	7681	7889	696	536	28	3079	3050
3136	Metal blinds & awnings	250	1773	2023	115	287	259	1592	1851
3137	Fabricated metal products nec	1442	7125	8567	2212	1700	2468	6612	9080
313	Total other fabricated metal products	1160	24876	28216	12957	5086	11978	24179	36107
<b>31</b>	<b>Total fabricated metal products</b>	<b>11902</b>	<b>58189</b>	<b>69992</b>	<b>22798</b>	<b>13292</b>	<b>21043</b>	<b>58455</b>	<b>79497</b>
<b>Transport equipment</b>									
<b>Motor vehicles and parts</b>									
3211	Motor vehicles	3143	81388	84531	15451	7984	9075	82922	91998
3212	Truck & bus bodies, trailers, caravans	1161	3858	5019	3089	810	1374	3925	7209
3213	Motor vehicle instruments & electrical equipment nec	715	2701	3416	107	337	771	2415	3186
3214	Motor vehicle parts nec	534	13754	14288	1531	1877	644	13298	13942
321	Total motor vehicles & parts	5553	101702	107255	20178	11009	11864	102560	116424
<b>Other transport equipment</b>									
3221	Ship building & repair	940	2369	3308	410	315	855	2549	3403
3222	Boat building & repair	952	1722	2674	576	396	1109	1745	2854
3223	Locomotives, rolling stock & repair	2619	6773	9392	154	313	2733	6500	9233
3224	Aircraft building & repair	3546	4041	7587	590	499	3853	3875	7678
3225	Transport equipment nec		604	604	10	28	7	879	886
322	Total other transport equipment	8057	15369	23566	1740	1552	8156	15198	23554

For footnote see end of table

TABLE 9—MANUFACTURING ESTABLISHMENTS (a)—  
FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET, TRANSACTION AND INDUSTRY CLASS—continued  
AUSTRALIA 1976-77  
(\$'000)

ASIC code	Industry class	Outlay on Land and second-hand fixed tangible assets			Disposals of fixed tangible assets	Fixed capital expenditure (outlay on fixed tangible assets less disposals)		Total	
		new fixed tangible assets	Plant machinery and equipment	Land buildings and other structures		Land buildings and other structures	Plant machinery and equipment		
32	<b>Total transport equipment</b>	13609	117211	130821	21918	12561	22420	117758	140178
	Other machinery & equipment								
	Photographic, professional & scientific equipment								
3311	Photographic goods, optical instruments & film processing	331	10750	11081	343	519	623	10283	10906
3312	Measuring apparatus & professional & scientific equipment nec	114	1659	1772	56	530	-16	1315	1299
331	<b>Total photographic, professional &amp; scientific equipment</b>	445	12408	12853	400	1048	607	11597	12204
	Appliances & electrical equipment								
3321	TV, radios & electronic equipment nec	434	13595	14029	514	2933	126	11484	11610
3322	Refrigerators & household appliances	1371	18056	19427	2490	4733	-38	17222	17184
3323	Water heating systems	125	1159	1284	324	140	201	1167	1368
3324	Electric & telephone cable & wire	36	10987	11023	4956	835	4635	10509	15144
3325	Batteries	536	4131	4667	218	209	634	4042	4676
3326	Electrical machinery & equipment nec	1121	12738	13859	2421	1894	2476	11910	14386
332	<b>Total appliances &amp; electrical equipment</b>	3622	60666	64288	10823	10743	8013	56135	64368
	Industrial machinery & equipment								
3331	Agricultural machinery & equipment	1558	7855	9414	567	2605	647	6728	7375
3332	Construction & earthmoving machinery	265	2115	2380	1257	429	1114	2094	3207
3333	Materials handling equipment	684	3997	4681	826	1043	936	3528	4464
3334	Woodworking & metalworking machinery	110	2106	2217	447	585	-33	2112	2079
3335	Pumps & compressors	58	2946	3004	451	344	409	2701	3110
3336	Commercial space heating & air conditioning equipment	48	1464	1513	417	571	354	1004	1358
3337	Dies, saw blades & machine tool accessories	160	3211	3372	349	509	156	3056	3212
3338	Food processing machinery	886	1617	2503	215	602	634	1482	2116
3339	Industrial machinery & equipment nec	3709	17362	21071	3637	4554	4073	16081	20154
333	<b>Total industrial machinery &amp; equipment</b>	7479	42673	50553	8163	11234	8289	38786	47075
33	<b>Total other machinery &amp; equipment</b>	11546	115748	127294	19388	23034	16929	106719	123648
	Miscellaneous manufacturing								
	Leather & leather products								
3411	Leather tanning & fur dressing	705	2078	2783	558	263	972	2106	3078
3412	Leather & substitute products nec	4	413	417	53	146	4	320	324
341	<b>Total leather &amp; leather products</b>	709	2491	3200	611	409	975	2427	3402
	Rubber products								
3421	Rubber tyres, tubes, belts, hose, sheets	1335	14102	15436	259	6694	-4141	13143	9001
3422	Rubber products nec	505	2478	2983	736	351	567	2802	3369
342	<b>Total rubber products</b>	1840	16579	18419	995	7044	-3574	15944	12370
	Plastic & related products								
3431	Flexible packing, materials & products	995	9039	10034	1835	2043	2345	7480	9826
3432	Rigid plastic sheeting	..	506	506	76	20	..	562	562
3433	Hard surface floor coverings nec	297	465	762	1	12	298	453	751
3434	Plastic products nec	7192	25132	32324	2994	7493	4828	22997	27825
343	<b>Total plastic &amp; related products</b>	8485	35141	43626	4905	9567	7471	31493	38964
	Other manufacturing								
3441	Ophthalmic articles	359	929	1288	80	82	423	863	1286
3442	Jewellery & silverware	124	613	737	146	317	203	363	566
3443	Brooms & brushes	774	1060	1835	64	249	646	1003	1649
3444	Signs & advertising displays	538	2565	3103	264	580	525	2263	2787
3445	Sporting equipment	323	796	1119	157	162	385	730	1115
3446	Writing & marking equipment	120	517	638	733	231	108	1032	1140
3447	Manufacturing nec	79	942	1021	126	814	547	880	333
344	<b>Total other manufacturing</b>	2318	7422	9741	1570	2416	1741	7134	8875
34	<b>Total miscellaneous manufacturing</b>	13351	61634	74985	8081	19455	6613	56997	63611
	<b>TOTAL MANUFACTURING</b>	250025	1306233	1556258	168877	177118	285890	1262127	1548016

(a) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraphs 6 and 7 of Explanatory Notes).

TABLE 10.—MANUFACTURING ESTABLISHMENTS—NUMBER OF ESTABLISHMENTS  
AUSTRALIA 1972-73 TO 1976-77

ASIC code	Industry group Description	Number of establishments operating at 30 June				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	867	860	741	735	724
212	Milk products	374	341	306	299	289
213	Fruit and vegetable products	188	182	158	151	145
214	Margarine and oils and fats nec	45	44	42	42	39
215	Flour mill and cereal food products	180	173	143	147	140
216	Bread, cakes and biscuits	1461	1418	1128	1159	1100
217	Sugar					
218	Other food products	569	572	455	469	455
219	Beverages and malt	654	648	507	524	483
221	Tobacco products	11	11	9	9	7
21-22	<i>Total food, beverages and tobacco</i>	<i>4149</i>	<i>4249</i>	<i>3489</i>	<i>3535</i>	<i>3382</i>
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	450	459	383	384	365
233	Other textile products	421	438	299	316	302
23	<i>Total textiles</i>	<i>871</i>	<i>897</i>	<i>682</i>	<i>700</i>	<i>667</i>
	<b>Clothing and footwear</b>					
241	Knitting mills	417	419	345	325	323
242	Clothing	2394	2443	1960	1874	1748
243	Footwear	336	318	250	246	230
24	<i>Total clothing and footwear</i>	<i>3147</i>	<i>3180</i>	<i>2555</i>	<i>2445</i>	<i>2301</i>
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	3969	4029	2713	2785	2699
252	Furniture and mattresses	1937	2009	1182	1255	1257
25	<i>Total wood, wood products and furniture</i>	<i>5906</i>	<i>6038</i>	<i>3895</i>	<i>4040</i>	<i>3956</i>
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	336	337	306	300	288
262	Printing and publishing	3319	3346	2294	2350	2315
26	<i>Total paper and paper products, printing</i>	<i>3655</i>	<i>3683</i>	<i>2600</i>	<i>2650</i>	<i>2603</i>
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	235	237	211	213	211
272	Other chemical and related products	889	881	623	652	649
273	Petroleum refining	16	14	12	11	12
274	Petroleum and coal products nec	44	37	33	37	40
27	<i>Total chemical, petroleum and coal products</i>	<i>1184</i>	<i>1169</i>	<i>879</i>	<i>913</i>	<i>912</i>
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	57	54	36	32	32
282	Clay products	348	345	261	255	245
283	Cement and concrete products	1077	1139	955	1021	1026
284	Other non-metallic mineral products	372	373	236	249	232
28	<i>Total non-metallic mineral products</i>	<i>1854</i>	<i>1911</i>	<i>1488</i>	<i>1557</i>	<i>1535</i>
	<b>Basic metal products</b>					
291	Basic iron and steel	344	360	318	326	330
292-293	Non-ferrous metal basic products	291	281	228	224	218
29	<i>Total basic metal products</i>	<i>635</i>	<i>641</i>	<i>546</i>	<i>550</i>	<i>548</i>
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	1693	1790	1344	1368	1386
312	Sheet metal products	1102	1147	859	873	875
313	Other fabricated metal products	2511	2496	1713	1696	1641
31	<i>Total fabricated metal products</i>	<i>5306</i>	<i>5433</i>	<i>3916</i>	<i>3937</i>	<i>3902</i>
	<b>Transport equipment</b>					
321	Motor vehicles and parts	916	976	790	837	837
322	Other transport equipment	612	632	437	464	448
32	<i>Total transport equipment</i>	<i>1528</i>	<i>1608</i>	<i>1227</i>	<i>1301</i>	<i>1285</i>
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	307	319	211	224	239
332	Appliances and electrical equipment	1530	1580	1205	1263	1181
333	Industrial machinery and equipment	2993	3103	2277	2318	2262
33	<i>Total other machinery and equipment</i>	<i>4830</i>	<i>5002</i>	<i>3693</i>	<i>3805</i>	<i>3682</i>
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	438	437	251	252	229
342	Rubber products	149	152	130	136	147
343	Plastic and related products	909	991	760	788	771
344	Other manufacturing	1676	1752	862	898	860
34	<i>Total miscellaneous manufacturing</i>	<i>3172</i>	<i>3332</i>	<i>2003</i>	<i>2074</i>	<i>2007</i>
	<b>TOTAL MANUFACTURING</b>	<b>36437</b>	<b>37143</b>	<b>26973</b>	<b>27507</b>	<b>26780</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 11.—MANUFACTURING ESTABLISHMENTS—MALE EMPLOYMENT—AVERAGE OVER WHOLE YEAR (a)  
AUSTRALIA 1972-73 TO 1976-77

ASIC code	Industry group Description	Male—average over whole year (a)				
		1972-73	1973-74	1974-75(b)	1975-76(b)	1976-77(b)
	<b>Food, beverages and tobacco</b>					
211	Meat products	50641	46,593	44079	47620	49512
212	Milk products	16977	17387	16,147	15896	15694
213	Fruit and vegetable products	8738	9171	8888	8136	7686
214	Margarine and oils and fats nec	2137	2477	2382	2268	2324
215	Flour mill and cereal food products	6772	6551	6311	6136	6218
216	Bread, cakes and biscuits	21952	21191	19714	18994	18452
217	Sugar					
218	Other food products	20564	21140	21081	22422	22197
219	Beverages and malt	18997	20128	20139	20090	19496
221	Tobacco products	2835	2944	3131	3143	2822
21-22	Total food, beverages and tobacco	149613	147582	142672	144705	144401
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	22747	22475	17633	17741	15895
233	Other textile products	7177	7626	6789	6860	6352
23	Total textiles	29924	30101	24422	24601	22247
	<b>Clothing and footwear</b>					
241	Knitting mills	5966	5780	4905	4955	4980
242	Clothing	11184	11159	9717	9760	8985
243	Footwear	7422	7278	5942	5728	5409
24	Total clothing and footwear	24572	24217	20564	20383	19294
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	4,636	50761	46417	46422	45806
252	Furniture and mattresses	21919	22381	20358	20618	20774
25	Total wood, wood products and furniture	7155	73142	66775	67040	66580
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	22662	23641	22958	21270	21674
262	Printing and publishing	54288	54606	52320	50745	49876
26	Total paper and paper products, printing	76950	78247	75278	72015	71550
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	17650	18249	17527	16475	16832
272	Other chemical and related products	25104	25462	23709	22749	22654
273	Petroleum refining	4033	3964	4410	4120	4205
274	Petroleum and coal products nec	1099	984	798	822	831
27	Total chemical, petroleum and coal products	47886	48659	46444	44166	44522
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	7440	7584	6936	6879	6766
282	Clay products	14377	15062	13682	13069	12712
283	Cement and concrete products	19949	21332	20066	18679	18683
284	Other non-metallic mineral products	5732	5596	5014	4661	4535
28	Total non-metallic mineral products	47498	49574	45698	41288	42696
	<b>Basic metal products</b>					
291	Basic iron and steel	67113	67592	67086	64773	64153
292-293	Non-ferrous metal basic products	2300	2328	2326	2233	2292
29	Total basic metal products	89113	90850	90712	87096	87085
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	30571	31056	29046	27094	27586
312	Sheet metal products	22849	24084	21520	21309	20888
313	Other fabricated metal products	39696	39198	37308	35147	34151
31	Total fabricated metal products	93116	94338	87874	83550	82625
	<b>Transport equipment</b>					
321	Motor vehicles and parts	76841	81742	73923	70459	72998
322	Other transport equipment	59325	56418	55354	54868	53049
32	Total transport equipment	136166	138160	129277	125327	126047
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	5427	5693	5526	5417	5428
332	Appliances and electrical equipment	64773	68098	65117	61530	57058
333	Industrial machinery and equipment	66661	70343	71965	65988	63471
33	Total other machinery and equipment	136861	144134	142608	132915	125957
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	4039	3807	3210	3183	3097
342	Rubber products	12882	13259	13678	13558	12123
343	Plastic and related products	19280	20382	18614	17981	18408
344	Other manufacturing	11953	12886	10070	9695	9429
34	Total miscellaneous manufacturing	48156	50314	44522	43417	43107
	<b>TOTAL MANUFACTURING</b>	<b>951610</b>	<b>969338</b>	<b>916896</b>	<b>888523</b>	<b>876111</b>

(a) Including working proprietors.

(b) See paragraph 7 of Explanatory Notes.

TABLE 12.—MANUFACTURING ESTABLISHMENTS—FEMALE EMPLOYMENT—AVERAGE OVER WHOLE YEAR (a)  
AUSTRALIA 1972-73 TO 1976-77

ASIC code	Industry group Description	Female—average over whole year (a)				
		1972-73	1973-74	1974-75(b)	1975-76(b)	1976-77(b)
	<b>Food, beverages and tobacco</b>					
211	Meat products	12348	12339	11438	11897	12949
212	Milk products	4305	4837	4295	4074	4061
213	Fruit and vegetable products	5877	6027	5634	4996	4405
214	Margarine and oils and fats nec	563	613	610	595	560
215	Flour mill and cereal food products	1911	1957	1855	1854	1839
216	Bread, cakes and biscuits	13070	13751	13026	12396	12068
217	Sugar					
218	Other food products	8798	9777	9964	9193	9175
219	Beverages and malt	3892	4398	4415	4245	3924
221	Tobacco products	2731	2837	2967	2944	2499
21-22	Total food, beverages and tobacco	51495	56536	54194	52194	51480
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	18246	18529	13345	14055	12188
233	Other textile products	5662	5989	5464	5320	4750
23	Total textiles	23908	24518	18809	19375	16938
	<b>Clothing and footwear</b>					
241	Knitting mills	13177	13086	10724	11082	10864
242	Clothing	63124	62274	50643	49223	46123
243	Footwear	10748	10391	8324	8335	7739
24	Total clothing and footwear	87049	85751	69711	68640	64726
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	5871	6393	5859	5812	5783
252	Furniture and mattresses	5208	6142	5475	5616	5520
25	Total wood, wood products and furniture	11079	12535	11334	11428	11303
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	7716	7799	6944	6052	5944
262	Printing and publishing	20829	21988	20848	19822	19891
26	Total paper and paper products, printing	28545	29787	27792	25874	25835
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	2339	2395	2290	2142	2161
272	Other chemical and related products	14926	15703	14871	13646	13396
273	Petroleum refining	224	226	246	238	251
274	Petroleum and coal products nec	112	124	98	101	99
27	Total chemical, petroleum and coal products	17601	18448	17505	16122	15907
	<b>Non-metallic minerals products</b>					
281	Glass and glass products	1234	1278	1077	1015	996
282	Clay products	1911	2138	1895	1875	1682
283	Cement and concrete products	1583	1660	1544	1520	1548
284	Other non-metallic mineral products	799	786	757	669	674
28	Total non-metallic mineral products	5527	5862	5273	5079	4900
	<b>Basic metal products</b>					
291	Basic iron and steel	4060	5257	5535	4932	4808
292-293	Non-ferrous metal basic products	1928	2040	2020	1887	1911
29	Total basic metal products	5988	7297	7555	6819	6719
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	3822	4019	3651	3714	3744
312	Sheet metal products	6857	8053	7243	6666	6320
313	Other fabricated metal products	11924	12621	11384	10891	10214
31	Total fabricated metal products	22603	24693	22278	21271	20278
	<b>Transport equipment</b>					
321	Motor vehicles and parts	13724	17828	15412	14058	14410
322	Other transport equipment	2928	2892	2739	2858	2774
32	Total transport equipment	16652	20720	18151	16916	17184
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	3482	3774	3960	4031	4190
332	Appliances and electrical equipment	15574	41367	38293	33009	29999
333	Industrial machinery and equipment	8792	9699	9321	8193	8054
33	Total other machinery and equipment	47848	54837	51574	45233	42243
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	3321	3315	2735	2532	2037
342	Rubber products	3067	3346	2806	2590	2504
343	Plastic and related products	12385	13923	12259	11483	11643
344	Other manufacturing	6477	7453	6405	6356	6023
34	Total miscellaneous manufacturing	25190	28017	24205	22961	22207
	<b>TOTAL MANUFACTURING</b>	<b>345485</b>	<b>369041</b>	<b>328341</b>	<b>311917</b>	<b>299720</b>

(a) Including working proprietors.

(b) See paragraph 7 of Explanatory Notes.

TABLE 13.—MANUFACTURING ESTABLISHMENTS—TOTAL EMPLOYMENT—AVERAGE OVER WHOLE YEAR (a)  
AUSTRALIA 1972-73 TO 1976-77

ASIC code	Industry group Description	Total employment—average over whole year (a)				
		1972-73	1973-74	1974-75(b)	1975-76(b)	1976-77(b)
	<b>Food, beverages and tobacco</b>					
211	Meat products	62989	58032	55517	59517	62461
212	Milk products	21282	22224	20442	19970	19755
213	Fruit and vegetable products	14615	15198	14512	13132	12091
214	Margarine and oils and fats nec	2700	3090	2992	2863	2884
215	Flour mill and cereal food products	8683	8508	8166	7990	8057
216	Bread, cakes and biscuits	35022	34942	32740	31390	30520
217	Sugar					
218	Other food products	29362	30917	31845	31615	31372
219	Beverages and malt	22889	24526	24554	24335	23420
221	Tobacco products	5566	5781	6098	6087	5321
21-22	Total food, beverages and tobacco	203108	204118	190866	190989	195881
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	40993	41004	30978	31796	28083
233	Other textile products	12839	13615	12253	12180	11102
23	Total textiles	53832	54619	43231	43976	39185
	<b>Clothing and footwear</b>					
241	Knitting mills	19143	18866	15629	16037	15764
242	Clothing	74308	73433	60480	58923	55108
243	Footwear	18170	17669	14266	14063	13148
24	Total clothing and footwear	111621	109968	90295	89023	84020
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	55707	57154	52276	52234	51889
252	Furniture and mattresses	27127	28523	25833	26234	26294
25	Total wood, wood products and furniture	82834	85677	78109	78468	77883
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	30378	31440	29902	27322	27618
262	Printing and publishing	75117	76594	73168	70567	69767
26	Total paper and paper products, printing	105495	108034	103070	97889	97385
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	19989	20644	19817	18617	18993
272	Other chemical and related products	40030	41165	38580	36395	36050
273	Petroleum refining	4257	4190	4656	4358	4456
274	Petroleum and coal products nec	1211	1108	896	923	930
27	Total chemical, petroleum and coal products	65487	67107	61949	60291	60429
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	8674	8862	8013	7894	7762
282	Clay products	16288	17200	15577	14944	14394
283	Cement and concrete products	21532	23012	21610	20190	20231
284	Other non-metallic mineral products	6531	6382	5771	5330	5209
28	Total non-metallic mineral products	53025	55436	50972	48367	47596
	<b>Basic metal products</b>					
291	Basic iron and steel	71173	72849	72621	69705	68961
292-293	Non-ferrous metal basic products	23928	25298	25646	24210	24843
29	Total basic metal products	95101	98147	98267	93915	93804
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	34393	35075	32697	30808	31330
312	Sheet metal products	29706	32137	28763	27975	27208
313	Other fabricated metal products	51620	51819	48692	46038	44365
31	Total fabricated metal products	115719	119031	110152	104821	102901
	<b>Transport equipment</b>					
321	Motor vehicles and parts	90565	99570	89335	84517	87408
322	Other transport equipment	62253	59310	58093	57726	55823
32	Total transport equipment	152818	158880	147428	142243	143231
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	8909	9464	9426	9448	9618
332	Appliances and electrical equipment	100347	109465	103410	94839	87057
333	Industrial machinery and equipment	75453	80042	81286	74181	71525
33	Total other machinery and equipment	184709	198971	194122	178168	168200
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	7360	7122	5945	5715	5134
342	Rubber products	15889	16607	15484	15148	14677
343	Plastic and related products	31665	34305	30875	29464	30081
344	Other manufacturing	18432	20139	16475	16051	15452
34	Total miscellaneous manufacturing	71466	78171	68777	66178	65174
	<b>TOTAL MANUFACTURING</b>	<b>1297095</b>	<b>1338379</b>	<b>1245237</b>	<b>1200440</b>	<b>1175831</b>

(a) Including working proprietors.

(b) See paragraph 7 of Explanatory Notes.

TABLE 14—MANUFACTURING ESTABLISHMENTS—WAGES AND SALARIES  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Wages and salaries				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	278.3	299.3	358.7	455.7	545.7
212	Milk products	98.8	121.6	142.7	163.6	183.8
213	Fruit and vegetable products	60.6	76.2	100.0	102.7	111.2
214	Margarine and oils and fats nec	15.6	20.7	25.1	27.8	33.1
215	Flour mill and cereal food products	39.7	45.2	55.1	61.6	70.7
216	Bread, cakes and biscuits	128.5	152.9	183.5	210.6	233.3
217	Sugar					
218	Other food products	132.1	169.5	221.6	272.6	305.7
219	Beverages and malt	107.8	140.1	180.4	207.1	219.9
221	Tobacco products	28.8	33.6	47.8	54.9	54.0
21-22	<b>Total food, beverages and tobacco</b>	<b>890.2</b>	<b>1060.1</b>	<b>1314.9</b>	<b>1556.7</b>	<b>1757.4</b>
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	158.7	194.5	190.3	233.7	231.7
233	Other textile products	51.1	65.2	74.4	88.5	92.6
23	<b>Total textiles</b>	<b>209.8</b>	<b>259.6</b>	<b>264.6</b>	<b>322.2</b>	<b>324.3</b>
	<b>Clothing and footwear</b>					
241	Knitting mills	69.6	81.8	87.4	109.1	122.7
242	Clothing	222.0	267.8	288.8	347.5	364.1
243	Footwear	63.3	74.5	78.9	90.6	94.6
24	<b>Total clothing and footwear</b>	<b>354.9</b>	<b>424.2</b>	<b>455.2</b>	<b>547.3</b>	<b>581.4</b>
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	311.9	264.3	310.8	358.1	403.3
252	Furniture and mattresses	103.5	128.5	151.3	177.0	199.6
25	<b>Total wood, wood products and furniture</b>	<b>415.4</b>	<b>392.8</b>	<b>462.1</b>	<b>535.1</b>	<b>602.9</b>
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	150.0	191.5	230.9	240.5	275.8
262	Printing and publishing	340.7	410.9	505.1	566.4	634.6
26	<b>Total paper and paper products, printing</b>	<b>490.7</b>	<b>602.4</b>	<b>735.9</b>	<b>806.9</b>	<b>910.4</b>
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	120.9	151.4	183.2	197.1	226.7
272	Other chemical and related products	192.4	228.8	271.5	310.4	342.6
273	Petroleum refining	31.3	34.7	50.3	53.1	60.8
274	Petroleum and coal products nec	7.1	7.4	7.4	8.4	9.6
27	<b>Total chemical, petroleum and coal products</b>	<b>351.7</b>	<b>422.2</b>	<b>512.4</b>	<b>569.1</b>	<b>639.8</b>
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	48.5	59.8	68.1	80.5	89.3
282	Clay products	37.4	96.1	114.1	129.2	140.0
283	Cement and concrete products	116.6	146.4	170.3	184.0	208.3
284	Other non-metallic mineral products	30.3	37.0	41.1	44.0	49.0
28	<b>Total non-metallic mineral products</b>	<b>272.8</b>	<b>339.1</b>	<b>393.6</b>	<b>437.7</b>	<b>486.6</b>
	<b>Basic metal products</b>					
291	Basic iron and steel	375.3	471.3	602.1	615.4	712.8
292-293	Non-ferrous metal basic products	139.8	179.1	226.8	240.6	280.5
29	<b>Total basic metal products</b>	<b>515.2</b>	<b>650.3</b>	<b>828.9</b>	<b>856.0</b>	<b>993.4</b>
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	158.7	187.2	216.7	237.5	272.0
312	Sheet metal products	131.1	167.8	187.5	208.9	234.0
313	Other fabricated metal products	221.5	266.0	323.0	346.2	376.8
31	<b>Total fabricated metal products</b>	<b>511.3</b>	<b>621.1</b>	<b>727.2</b>	<b>792.5</b>	<b>882.8</b>
	<b>Transport equipment</b>					
321	Motor vehicles and parts	446.0	587.5	639.8	677.9	794.2
322	Other transport equipment	298.6	345.7	428.7	476.5	514.4
32	<b>Total transport equipment</b>	<b>744.6</b>	<b>933.2</b>	<b>1068.4</b>	<b>1154.4</b>	<b>1308.6</b>
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	40.3	51.8	64.9	76.2	84.8
332	Appliances and electrical equipment	442.2	557.2	673.7	715.8	746.8
333	Industrial machinery and equipment	367.0	460.4	581.9	601.9	658.9
33	<b>Total other machinery and equipment</b>	<b>849.5</b>	<b>1069.4</b>	<b>1320.3</b>	<b>1393.8</b>	<b>1490.6</b>
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	37.1	30.6	33.4	38.3	39.1
342	Rubber products	80.0	103.2	118.5	130.2	144.2
343	Plastic and related products	141.7	183.8	208.6	231.7	265.3
344	Other manufacturing	65.1	84.2	89.2	109.5	109.0
34	<b>Total miscellaneous manufacturing</b>	<b>313.9</b>	<b>401.7</b>	<b>449.7</b>	<b>509.7</b>	<b>557.6</b>
	<b>TOTAL MANUFACTURING</b>	<b>5820.0</b>	<b>7176.4</b>	<b>8533.5</b>	<b>9472.4</b>	<b>10535.8</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 15.—MANUFACTURING ESTABLISHMENTS—TURNOVER  
AUSTRALIA 1972-73 TO 1976-77  
(A million)

ASIC code	Industry group Description	Turnover				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	1913.0	2040.3	1795.7	2122.5	2530.3
212	Milk products	985.1	1093.3	1236.9	1316.7	1380.1
213	Fruit and vegetable products	389.5	436.4	453.8	517.7	587.0
214	Margarine and oils and fats nec.	145.0	199.6	248.6	270.6	296.4
215	Flour mill and cereal food products	330.3	371.1	444.4	512.2	561.2
216	Bread, cakes and biscuits	435.3	499.2	585.1	676.6	759.3
217	Sugar					
218	Other food products	982.3	1130.2	1696.0	1734.0	1967.1
219	Beverages and malt	695.8	812.6	961.6	1116.2	1252.5
221	Tobacco products	261.1	237.8	266.4	290.5	317.9
21-22	Total food, beverages and tobacco	6177.4	6820.1	7683.5	8557.0	9651.7
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	675.6	811.6	697.6	639.7	941.0
233	Other textile products	270.4	349.9	340.8	428.6	451.6
23	Total textiles	946.0	1161.5	1038.4	1278.3	1392.6
	<b>Clothing and footwear</b>					
241	Knitting mills	292.0	329.9	314.7	389.4	431.3
242	Clothing	712.5	867.3	900.5	1038.4	1114.5
243	Footwear	212.0	244.6	243.3	273.4	278.2
24	Total clothing and footwear	1216.5	1441.8	1458.5	1701.2	1824.0
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	890.5	1121.2	1207.3	1457.3	1640.6
252	Furniture and mattresses	378.5	480.0	528.9	617.5	708.9
25	Total wood, wood products and furniture	1269.0	1601.1	1736.3	2074.8	2349.5
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	747.6	890.2	999.0	1153.0	1258.0
262	Printing and publishing	1059.0	1253.2	1444.0	1618.7	1875.5
26	Total paper and paper products, printing	1806.7	2143.4	2443.0	2771.6	3133.5
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	754.5	949.9	1068.6	1216.6	1441.2
272	Other chemical and related products	966.6	1128.5	1293.9	1499.7	1713.3
273	Petroleum refining	255.3	276.9	288.7	357.1	450.8
274	Petroleum and coal products nec.	40.4	41.2	46.6	50.9	57.6
27	Total chemical, petroleum and coal products	2016.8	2396.4	2697.8	3124.3	3662.8
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	154.4	170.5	194.8	235.7	286.3
282	Clay products	238.6	293.4	315.6	369.2	404.9
283	Cement and concrete products	620.6	730.8	832.8	983.3	1118.8
284	Other non-metallic mineral products	136.3	154.3	162.1	190.2	226.3
28	Total non-metallic mineral products	1149.9	1358.0	1505.4	1778.4	2036.2
	<b>Basic metal products</b>					
291	Basic iron and steel	1866.1	2218.7	2673.7	2745.8	3265.9
292-293	Non-ferrous metal basic products	1198.3	1647.3	1835.3	1925.1	2415.3
29	Total basic metal products	3064.4	3866.1	4509.0	4670.9	5681.2
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	617.7	739.4	842.3	945.3	1107.9
312	Sheet metal products	499.8	634.3	699.0	828.4	924.9
313	Other fabricated metal products	757.7	895.5	1006.4	1096.4	1205.5
31	Total fabricated metal products	1875.2	2369.3	2547.6	2870.1	3238.3
	<b>Transport equipment</b>					
321	Motor vehicles and parts	2085.8	2349.1	2739.1	3080.2	3633.9
322	Other transport equipment	593.3	706.9	859.9	1018.1	1075.4
32	Total transport equipment	2679.1	3055.9	3599.0	4098.3	4709.2
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	138.0	171.7	218.7	257.6	304.0
332	Appliances and electrical equipment	1647.5	1971.1	2281.8	2568.9	2693.2
333	Industrial machinery and equipment	1217.4	1463.7	1773.3	1898.8	2080.3
33	Total other machinery and equipment	3002.9	3606.4	4273.9	4725.2	5077.5
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	108.7	118.1	112.2	133.3	159.6
342	Rubber products	293.9	346.7	374.6	418.8	456.1
343	Plastic and related products	626.1	776.8	861.4	963.0	1133.7
344	Other manufacturing	219.9	284.6	288.1	339.6	368.3
34	Total miscellaneous manufacturing	1248.6	1526.3	1636.3	1853.2	2117.7
	<b>TOTAL MANUFACTURING</b>	<b>26352.4</b>	<b>31746.7</b>	<b>35133.7</b>	<b>39485.3</b>	<b>44814.3</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 16.—MANUFACTURING ESTABLISHMENTS—OPENING STOCKS  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Opening Stocks				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	115.4	144.7	121.4	117.8	130.6
212	Milk products	46.9	48.3	59.0	47.4	90.6
213	Fruit and vegetable products	116.1	104.0	112.6	139.6	165.4
214	Margarine and oils and fats nec	18.4	21.5	40.2	42.1	35.4
215	Flour, mill and cereal food products	31.7	36.4	62.0	67.7	61.0
216	Bread, cakes and biscuits	12.8	14.2	18.0	22.0	23.7
217	Sugar					
218	Other food products	81.5	86.8	109.9	135.3	143.0
219	Beverages and malt	138.2	153.0	172.6	231.6	246.1
221	Tobacco products	114.0	111.8	118.1	139.4	152.1
21-22	Total food, beverages and tobacco	675.1	736.6	813.9	1053.0	1047.9
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	130.8	154.6	196.1	166.9	185.7
233	Other textile products	52.0	52.2	77.8	72.8	81.8
23	Total textiles	182.8	206.8	274.0	239.7	267.5
	<b>Clothing and footwear</b>					
241	Knitting mills	51.1	54.0	65.7	57.8	77.7
242	Clothing	109.2	119.5	155.3	149.2	170.7
243	Footwear	31.5	31.9	39.0	35.9	40.4
24	Total clothing and footwear	191.9	205.3	260.0	242.9	288.8
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	114.4	119.2	151.0	188.3	219.5
252	Furniture and mattresses	43.6	47.2	66.5	71.7	84.1
25	Total wood, wood products and furniture	158.0	166.4	217.5	260.0	303.7
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	113.6	110.9	133.6	197.7	177.3
262	Printing and publishing	110.4	117.1	153.3	197.3	187.0
26	Total paper and paper products, printing	224.0	228.0	286.8	394.9	364.3
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	117.7	111.4	136.5	247.1	209.0
272	Other chemical and related products	197.2	201.0	239.6	317.6	322.0
273	Petroleum refining	28.6	29.5	24.4	35.1	49.1
274	Petroleum and coal products nec	5.6	5.2	6.6	5.8	7.6
27	Total chemical, petroleum and coal products	349.1	347.1	407.1	605.5	587.8
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	34.8	33.0	36.5	44.1	45.6
282	Clay products	34.0	33.2	37.3	59.5	66.8
283	Cement and concrete products	58.6	63.4	71.5	90.8	112.0
284	Other non-metallic mineral products	14.4	14.3	16.6	21.8	31.8
28	Total non-metallic mineral products	142.3	144.9	161.9	216.2	246.2
	<b>Basic metal products</b>					
291	Basic iron and steel	316.8	338.8	391.7	557.3	691.7
292-293	Non-ferrous metal basic products	218.4	224.7	249.9	350.4	420.4
29	Total basic metal products	535.2	563.4	642.6	907.6	1112.1
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	96.9	94.6	117.6	132.7	144.8
312	Sheet metal products	90.1	92.4	108.6	132.4	143.8
313	Other fabricated metal products	138.9	142.6	174.6	205.8	217.5
31	Total fabricated metal products	425.9	429.5	400.8	470.9	506.2
	<b>Transport equipment</b>					
321	Motor vehicles and parts	379.8	340.1	463.4	612.1	591.3
322	Other transport equipment	115.6	115.4	128.6	162.6	179.4
32	Total transport equipment	495.4	455.5	592.0	774.8	770.7
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	31.0	33.8	42.9	55.2	58.9
332	Appliances and electrical equipment	371.8	367.4	476.3	610.0	607.2
333	Industrial machinery and equipment	312.0	310.6	402.8	497.4	504.3
33	Total other machinery and equipment	714.8	711.9	921.9	1162.6	1170.4
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	19.5	19.6	31.2	22.1	33.6
342	Rubber products	41.9	41.8	53.1	62.3	66.8
343	Plastic and related products	91.4	97.9	134.6	157.3	161.2
344	Other manufacturing	40.1	43.5	57.6	63.4	68.9
34	Total miscellaneous manufacturing	192.9	204.8	267.4	305.1	335.3
	<b>TOTAL MANUFACTURING</b>	<b>4187.2</b>	<b>4299.1</b>	<b>5241.0</b>	<b>6581.1</b>	<b>6985.1</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 17.—MANUFACTURING ESTABLISHMENTS—CLOSING STOCKS  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ANIC code	Industry group Description	Closing Stocks				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	143.6	134.8	115.8	135.2	144.8
212	Milk products	63.3	60.0	49.4	88.7	93.0
213	Fruit and vegetable products	112.2	117.9	100.2	162.3	162.1
214	Margarine and oils and fats nec	21.9	37.5	42.1	35.2	43.0
215	Flour mill and cereal food products	38.2	62.6	67.0	62.9	81.5
216	Bread, cakes and biscuits	14.0	19.1	21.8	23.6	27.3
217	Sugar					
218	Other food products	85.2	108.6	136.8	141.5	181.3
219	Beverages and malt	151.9	173.8	223.6	246.6	285.0
221	Tobacco products	111.0	118.5	139.4	160.7	156.7
21-22	Total food, beverages and tobacco	741.1	822.8	996.2	1076.6	1174.6
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	151.2	197.1	167.9	185.7	189.8
233	Other textile products	51.7	76.8	72.4	81.1	88.0
23	Total textiles	202.9	273.9	240.3	266.9	277.8
	<b>Clothing and footwear</b>					
241	Knitting mills	56.3	64.8	58.8	73.7	83.0
242	Clothing	117.8	155.6	151.7	168.1	184.3
243	Footwear	31.9	37.7	36.8	39.9	47.5
24	Total clothing and footwear	206.0	258.1	247.4	281.7	314.7
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	119.7	152.1	182.6	215.1	255.5
252	Furniture and mattresses	49.8	67.2	70.6	82.2	96.8
25	Total wood, wood products and furniture	169.5	219.2	253.2	297.3	352.3
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	110.3	132.5	194.7	178.8	216.4
262	Printing and publishing	114.0	149.5	197.0	187.9	215.1
26	Total paper and paper products, printing	224.3	282.0	391.7	366.7	431.5
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	110.6	139.1	232.7	212.0	249.4
272	Other chemical and related products	205.3	243.8	315.0	324.6	370.4
273	Petroleum refining	29.0	24.3	34.7	47.8	52.4
274	Petroleum and coal products nec	6.6	7.2	6.2	6.0	8.6
27	Total chemical, petroleum and coal products	351.6	414.3	588.6	590.4	680.7
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	33.8	36.4	44.6	46.1	60.1
282	Clay products	33.6	38.3	39.0	66.3	81.3
283	Cement and concrete products	11.5	74.4	89.4	114.0	142.3
284	Other non-metallic mineral products	15.4	16.5	21.8	22.9	25.7
28	Total non-metallic mineral products	142.2	165.9	214.8	249.3	319.5
	<b>Basic metal products</b>					
291	Basic iron and steel	337.8	401.0	553.5	690.3	811.2
292-293	Non-ferrous metal basic products	220.5	254.3	339.1	414.7	481.3
29	Total basic metal products	558.3	655.3	892.6	1105.0	1292.5
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	95.8	124.8	134.1	146.8	164.7
312	Sheet metal products	90.3	117.7	123.7	149.8	157.2
313	Other fabricated metal products	147.1	173.8	211.3	223.7	240.4
31	Total fabricated metal products	333.1	416.3	469.1	520.3	562.4
	<b>Transport equipment</b>					
321	Motor vehicles and parts	344.4	458.4	610.8	589.4	788.6
322	Other transport equipment	114.9	124.1	153.5	178.7	183.6
32	Total transport equipment	459.3	582.5	764.3	768.2	972.1
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	33.3	41.1	55.5	62.2	63.7
332	Appliances and electrical equipment	368.7	479.1	602.2	618.2	653.2
333	Industrial machinery and equipment	311.4	386.1	508.3	521.5	539.1
33	Total other machinery and equipment	713.4	906.3	1167.0	1202.0	1256.0
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	20.3	21.9	22.2	23.7	26.1
342	Rubber products	42.3	53.5	73.9	69.4	72.0
343	Plastic and related products	99.3	135.5	157.9	158.6	178.1
344	Other manufacturing	42.4	56.9	63.5	67.2	81.3
34	Total miscellaneous manufacturing	204.2	267.8	317.5	319.0	357.5
	<b>TOTAL MANUFACTURING</b>	<b>4306.3</b>	<b>5268.5</b>	<b>6542.7</b>	<b>7023.3</b>	<b>7996.8</b>

(a) See paragraph 7 of the Explanatory Notes.

TABLE 18.—MANUFACTURING ESTABLISHMENTS—PURCHASES, TRANSFERS IN AND SELECTED EXPENSES  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Purchases, transfers in and selected expenses				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	<b>Food, beverages and tobacco</b>					
211	Meat products	1435.1	1528.7	1214.4	1335.6	1590.8
212	Milk products	783.4	861.9	473.6	1004.0	1046.4
213	Fruit and vegetable products	238.8	271.1	311.0	330.4	350.3
214	by marine and oils and fats nec	107.7	165.0	197.8	201.2	234.8
215	Flour mill and cereal food products	243.5	291.5	327.5	362.3	406.8
216	Bread, cakes and biscuits	234.2	259.6	287.8	329.3	376.5
217	Sugar					
218	Other food products	674.4	777.1	1138.5	1111.6	1322.0
219	Beverages and malt	419.5	502.0	613.0	689.7	783.1
221	Tobacco products	131.6	123.6	152.3	172.4	165.5
21-22	Total food, beverages and tobacco	4260.2	4780.3	3220.0	3536.3	6276.7
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	423.3	531.9	393.3	503.3	566.3
233	Other textile products	166.0	225.6	202.3	259.8	273.5
23	Total textiles	589.3	747.5	595.6	763.1	839.7
	<b>Clothing and footwear</b>					
241	Knitting mills	177.0	204.8	173.4	226.5	239.9
242	Clothing	578.3	479.2	457.6	536.3	571.1
243	Footwear	111.5	134.5	148.1	135.7	139.8
24	Total clothing and footwear	666.7	818.5	749.1	898.4	950.8
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	482.3	622.2	643.7	775.7	902.9
252	Furniture and mattresses	214.5	279.1	282.9	334.4	377.0
25	Total wood, wood products and furniture	696.8	901.3	926.7	1110.0	1280.0
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	443.1	540.3	634.7	659.6	780.7
262	Printing and publishing	448.3	546.6	623.8	666.4	805.8
26	Total paper and paper products, printing	891.6	1086.9	1258.6	1326.0	1586.5
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	454.8	598.9	765.7	762.5	993.4
272	Other chemical and related products	509.0	621.0	749.4	817.4	959.1
273	Petroleum refining	144.5	138.8	168.9	236.9	298.5
274	Petroleum and coal products nec	25.5	28.7	50.3	34.7	40.1
27	Total chemical, petroleum and coal products	1133.8	1387.4	1734.4	1853.5	2291.1
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	57.7	73.5	79.8	91.0	117.7
282	Clay products	92.0	117.3	131.1	148.9	160.6
283	Cement and concrete products	368.5	443.4	489.0	602.7	706.6
284	Other non-metallic mineral products	69.0	81.8	86.9	98.5	115.4
28	Total non-metallic mineral products	587.2	716.1	786.9	941.1	1100.2
	<b>Basic metal products</b>					
291	Basic iron and steel	1160.4	1435.0	1752.2	1822.9	2107.7
292-293	Non-ferrous metal basic products	857.3	1196.2	1368.8	1387.1	1716.5
29	Total basic metal products	2022.8	2631.3	3121.0	3209.9	3824.2
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	361.0	451.0	483.0	538.4	656.6
312	Sheet metal products	272.0	336.5	388.4	470.8	524.5
313	Other fabricated metal products	383.5	461.3	501.6	523.2	571.6
31	Total fabricated metal products	1016.4	1268.7	1373.0	1532.5	1752.8
	<b>Transport equipment</b>					
321	Motor vehicles and parts	1435.2	1581.5	1845.5	1918.2	2396.7
322	Other transport equipment	240.1	264.3	314.6	378.5	388.1
32	Total transport equipment	1583.3	1845.6	2160.1	2296.6	2784.8
	<b>Other machinery and equipment</b>					
331	Photographic, professional and scientific equipment	67.3	91.4	121.9	144.9	168.5
332	Appliances and electrical equipment	914.5	1156.1	1314.9	1414.3	1508.2
333	Industrial machinery and equipment	630.6	779.4	947.3	961.8	1062.8
33	Total other machinery and equipment	1612.4	2026.9	2384.2	2521.2	2739.5
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	63.9	67.9	59.0	71.9	95.1
342	Rubber products	155.1	190.2	205.4	215.6	231.1
343	Plastic and related products	354.6	451.9	488.6	540.2	651.7
344	Other manufacturing	109.5	146.3	149.3	165.9	184.5
34	Total miscellaneous manufacturing	683.1	856.3	901.3	903.7	1163.5
	<b>TOTAL MANUFACTURING</b>	<b>15745.6</b>	<b>19067.0</b>	<b>21203.8</b>	<b>23006.5</b>	<b>26591.8</b>

(a) see paragraph 7 of Explanatory Notes.

TABLE 19.—MANUFACTURING ESTABLISHMENTS—VALUE ADDED  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Value added				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	Food, beverages and tobacco					
211	Meat products	506.0	491.6	575.6	804.2	953.8
212	Milk products	216.3	231.0	293.7	304.0	336.1
213	Fruit and vegetable products	146.8	175.3	186.4	190.0	232.8
214	Margarine and oils and fats nec	40.6	50.6	52.7	62.4	79.2
215	Flour, mill and cereal food products	91.3	105.8	121.9	145.2	174.9
216	Bread, cakes and biscuits	212.3	244.5	301.1	348.9	386.3
217	Sugar					
218	Other food products	311.6	374.9	584.4	628.6	683.5
219	Beverages and malt	289.9	331.5	399.6	451.4	508.2
221	Tobacco products	126.5	129.9	135.4	139.4	157.1
21-22	Total food, beverages and tobacco	1943.5	2126.0	2650.8	3074.1	3501.8
	Textiles					
231-232	Textiles, yarns and woven fabrics	272.7	332.2	276.1	365.2	378.8
233	Other textile products	104.1	148.9	133.1	177.2	184.3
23	Total textiles	376.8	481.1	409.2	542.3	563.1
	Clothing and footwear					
241	Knitting mills	120.1	136.0	134.4	179.0	196.7
242	Clothing	342.8	424.2	439.3	521.0	557.0
243	Footwear	100.9	116.0	123.0	141.6	140.5
24	Total clothing and footwear	563.9	676.1	696.3	841.7	894.2
	Wood, wood products and furniture					
251	Wood and wood products	413.6	532.0	595.2	688.4	711.7
252	Furniture and mattresses	170.1	220.8	250.0	292.7	346.7
25	Total wood, wood products and furniture	583.8	752.8	845.2	982.0	1118.1
	Paper and paper products, printing					
261	Paper and paper product	301.3	371.5	415.5	448.5	516.5
262	Printing and publishing	614.1	739.0	863.9	943.0	1097.8
26	Total paper and paper products, printing	915.4	1110.5	1279.4	1391.4	1614.2
	Chemical, petroleum and coal products					
271	Basic chemicals	297.7	378.6	399.0	423.1	488.1
272	Other chemical and related products	465.7	550.3	619.9	689.4	802.4
273	Petroleum refining	111.2	132.9	130.0	132.9	155.5
274	Petroleum and coal products nec	15.9	14.4	15.9	16.4	18.5
27	Total chemical, petroleum and coal products	885.5	1076.2	1164.8	1261.7	1464.5
	Non-metallic mineral products					
281	Glass and glass products	95.7	109.3	123.1	146.7	183.0
282	Clay products	144.7	181.2	203.2	227.1	258.9
283	Cement and concrete products	255.0	298.3	361.7	403.8	442.6
284	Other non-metallic mineral products	67.3	75.1	80.4	92.8	114.8
28	Total non-metallic mineral products	562.6	663.9	768.4	870.4	999.4
	Basic metal products					
291	Basic iron and steel	661.8	845.9	1082.3	1056.0	1217.6
292-293	Non-ferrous metal basic products	343.1	484.9	555.6	602.3	759.7
29	Total basic metal products	1004.8	1330.7	1637.9	1658.3	1977.2
	Fabricated metal products					
311	Fabricated structural metal products	255.6	318.5	375.7	420.9	471.3
312	Sheet metal products	227.9	303.2	325.6	375.0	413.7
313	Other fabricated metal products	382.5	465.6	541.6	591.1	656.8
31	Total fabricated metal products	866.0	1087.3	1242.9	1387.0	1541.8
	Transport equipment					
321	Motor vehicles and parts	705.3	886.0	1041.1	1139.4	1434.4
322	Other transport equipment	352.5	451.3	570.2	655.7	691.5
32	Total transport equipment	1057.7	1337.3	1611.3	1795.1	2125.9
	Other machinery equipment					
331	Photographic, professional and scientific equipment	73.0	87.5	109.4	119.7	140.4
332	Appliances and electrical equipment	729.8	926.7	1092.8	1162.6	1231.1
333	Industrial machinery and equipment	586.3	759.7	932.6	961.7	1072.2
33	Total other machinery and equipment	1389.1	1773.9	2134.8	2243.5	2443.6
	Miscellaneous manufacturing					
341	Leather and leather products	45.5	52.5	54.2	63.4	67.0
342	Rubber products	139.1	166.2	190.0	210.3	229.1
343	Plastic and related products	279.5	362.6	396.1	423.9	498.0
344	Other manufacturing	112.7	151.7	149.7	175.9	196.2
34	Total miscellaneous manufacturing	576.8	723.1	790.1	873.5	990.2
	<b>TOTAL MANUFACTURING</b>	<b>10725.9</b>	<b>13149.1</b>	<b>15231.6</b>	<b>16921.0</b>	<b>19234.3</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 20.—MANUFACTURING ESTABLISHMENTS—RENT AND LEASING EXPENSES  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Rent and Leasing Expenses				
		1972-73	1973-74	1974-75(a)	1975-76(a)	1976-77(a)
	Food, beverages and tobacco					
211	Meat products	8.4	9.4	11.9	14.7	16.5
217	Milk products	4.6	6.0	6.9	8.7	9.4
213	Fruit and vegetable products	4.7	4.8	5.7	7.0	8.3
214	Margarine and oils and fats nec.	0.6	0.6	1.4	1.3	1.0
215	Flour mill and cereal food products	0.9	0.8	1.0	1.4	1.8
216	Bread, cakes and biscuits	4.4	8.1	6.2	7.6	9.8
217	Sugar					
218	Other food products	3.9	4.3	7.4	8.9	9.5
219	Beverages and malt	4.8	5.9	8.5	8.4	9.4
221	Tobacco products	0.1	0.2	0.7	0.6	0.9
21..2	Total food, beverages and tobacco	32.3	40.2	49.7	58.6	66.6
	Textiles					
231-232	Textiles, yarns and woven fabrics	4.2	5.7	5.1	6.1	7.0
233	Other textile products	2.8	4.1	4.0	4.8	6.3
23	Total textiles	6.9	9.8	9.6	10.8	13.3
	Clothing and footwear					
241	Knitting mills	3.2	3.4	3.7	4.0	5.1
242	Clothing	9.9	12.3	12.6	13.2	14.7
243	Footwear	3.1	3.3	3.3	3.6	3.9
24	Total clothing and footwear	16.2	19.0	19.6	20.9	23.7
	Wood, wood products and furniture					
251	Wood and wood products	8.9	12.0	13.7	17.2	19.8
252	Furniture and mattresses	6.6	7.8	9.0	11.2	13.7
25	Total wood, wood products and furniture	14.9	19.7	22.7	28.5	33.5
	Paper and paper products, printing					
261	Paper and paper products	3.8	4.6	6.6	8.2	8.9
262	Printing and publishing	15.9	18.7	21.6	26.3	30.7
26	Total paper and paper products, printing	19.6	23.4	28.4	34.5	39.6
	Chemical, petroleum and coal products					
271	Basic chemicals	2.7	3.7	4.0	4.6	5.6
272	Other chemical and related products	8.2	9.4	10.1	13.5	14.5
273	Petroleum refining	0.7	0.9	1.1	1.3	1.4
274	Petroleum and coal products nec.	0.2	0.2	0.2	0.3	0.3
27	Total chemical, petroleum and coal products	11.9	14.7	15.4	19.6	21.8
	Non-metallic mineral products					
281	Glass and glass products	1.8	1.8	2.0	2.2	2.5
282	Clay products	1.3	1.5	2.1	2.3	2.8
283	Cement and concrete products	4.2	6.1	6.6	7.1	7.5
284	Other non-metallic mineral products	1.0	1.5	1.5	1.5	2.0
28	Total non-metallic mineral products	8.3	10.9	12.2	13.1	14.8
	Basic metal products					
291	Basic iron and steel	22.5	25.8	39.8	38.2	43.1
292-293	Non-ferrous metal basic products	3.1	3.4	6.5	4.4	4.5
29	Total basic metal products	25.6	29.2	46.3	42.6	47.6
	Fabricated metal products					
311	Fabricated structural metal products	7.3	7.8	11.0	12.2	14.3
312	Sheet metal products	5.6	7.7	8.1	10.9	12.2
313	Other fabricated metal products	9.2	11.0	12.6	14.6	17.4
31	Total fabricated metal products	22.1	26.5	31.7	37.7	43.9
	Transport equipment					
321	Motor vehicles and parts	8.6	8.8	10.1	13.6	18.1
322	Other transport equipment	5.0	5.8	6.9	7.5	7.3
32	Total transport equipment	13.5	14.6	17.0	21.1	25.4
	Other machinery equipment					
331	Photographic, professional and scientific equipment	1.7	2.3	2.8	3.4	4.4
332	Appliances and electrical equipment	13.6	16.1	19.8	23.0	26.9
333	Industrial machinery and equipment	14.4	16.9	20.5	23.2	26.4
33	Total other machinery and equipment	29.8	35.4	43.1	49.5	57.8
	Miscellaneous manufacturing					
341	Leather and leather products	1.3	1.4	1.4	1.7	1.8
342	Rubber products	2.3	3.0	3.2	3.9	3.9
343	Plastic and related products	9.1	11.4	13.2	17.2	18.1
344	Other manufacturing	3.7	4.7	4.9	5.5	6.4
34	Total miscellaneous manufacturing	16.3	20.3	22.8	28.1	30.2
	<b>TOTAL MANUFACTURING</b>	<b>217.4</b>	<b>262.8</b>	<b>318.5</b>	<b>365.2</b>	<b>418.2</b>

(a) See paragraph 7 of Explanatory Notes.

TABLE 21.—MANUFACTURING ESTABLISHMENTS—FIXED CAPITAL EXPENDITURE (a)  
AUSTRALIA 1972-73 TO 1976-77  
(\$ million)

ASIC code	Industry group Description	Fixed capital expenditure (a)				
		1972-73	1973-74	1974-75(b)	1975-76(b)	1976-77(b)
	<b>Food, beverages and tobacco</b>					
211	Meat products	55.1	60.3	55.3	54.2	63.1
212	Milk products	24.1	30.8	32.5	26.0	29.0
213	Fruit and vegetable products	8.2	16.8	16.3	6.4	11.3
214	Margarine and oils and fats nec.	3.8	4.2	4.9	6.7	4.4
215	Flour mill and cereal food products	7.4	9.0	14.9	9.5	15.3
216	Bread, cakes and biscuits	14.2	13.2	14.0	16.6	24.7
217	Sugar					
218	Other food products	38.8	39.9	73.8	119.4	138.8
219	Beverages and malt	58.7	67.5	64.6	61.8	93.0
221	Tobacco products	12.9	7.1	5.5	4.7	4.6
21-22	Total food, beverages and tobacco	223.1	249.0	281.8	105.4	184.2
	<b>Textiles</b>					
231-232	Textiles, yarns and woven fabrics	15.7	32.4	24.6	19.7	15.2
233	Other textile products	9.3	12.9	11.1	7.9	10.9
23	Total textiles	25.1	45.3	35.7	27.6	26.1
	<b>Clothing and footwear</b>					
241	Knitting mills	6.1	6.3	5.0	5.9	4.2
242	Clothing	9.9	11.9	7.0	7.1	8.3
243	Footwear	3.2	1.9	2.2	2.5	2.7
24	Total clothing and footwear	19.2	20.2	14.2	15.5	15.2
	<b>Wood, wood products and furniture</b>					
251	Wood and wood products	43.5	46.0	64.7	73.8	64.3
252	Furniture and mattresses	10.3	11.8	10.5	10.5	17.3
25	Total wood, wood products and furniture	53.7	57.8	75.2	84.3	81.6
	<b>Paper and paper products, printing</b>					
261	Paper and paper products	60.7	37.9	55.8	43.5	70.5
262	Printing and publishing	29.8	35.6	41.6	40.3	43.5
26	Total paper and paper products, printing	90.5	73.4	97.4	83.8	114.0
	<b>Chemical, petroleum and coal products</b>					
271	Basic chemicals	72.5	53.0	69.2	84.1	78.2
272	Other chemical and related products	32.2	34.8	42.0	46.3	49.8
273	Petroleum refining	20.5	17.1	24.0	18.0	42.2
274	Petroleum and coal products nec.	2.3	0.8	1.2	0.6	0.9
27	Total chemical, petroleum and coal products	127.5	105.6	136.4	148.9	171.0
	<b>Non-metallic mineral products</b>					
281	Glass and glass products	8.2	26.0	19.8	32.7	13.5
282	Clay products	30.3	27.2	38.5	25.6	30.8
283	Cement and concrete products	23.0	32.2	44.0	63.1	45.0
284	Other non-metallic mineral products	11.6	10.5	6.3	7.1	10.4
28	Total non-metallic mineral products	73.1	95.9	108.6	128.5	99.7
	<b>Basic metal products</b>					
291	Basic iron and steel	217.9	128.4	178.5	156.0	181.0
292-293	Non-ferrous metal basic products	111.9	82.9	105.3	128.0	68.3
29	Total basic metal products	329.7	211.3	283.8	284.0	249.3
	<b>Fabricated metal products</b>					
311	Fabricated structural metal products	9.7	13.9	17.8	21.6	21.7
312	Sheet metal products	22.5	12.4	35.5	22.5	21.7
313	Other fabricated metal products	23.7	29.3	28.5	34.9	36.1
31	Total fabricated metal products	56.0	55.5	81.8	78.9	79.5
	<b>Transport equipment</b>					
321	Motor vehicles and parts	59.7	73.6	77.8	87.1	116.4
322	Other transport equipment	50.4	51.6	56.3	23.0	23.8
32	Total transport equipment	110.1	125.2	134.1	110.1	140.2
	<b>Other machinery equipment</b>					
331	Photographic, professional and scientific equipment	6.9	9.4	8.7	10.2	12.2
332	Appliances and electrical equipment	54.1	62.2	66.2	60.4	64.4
333	Industrial machinery and equipment	32.5	38.9	54.1	51.8	47.1
33	Total other machinery and equipment	93.6	110.4	129.0	122.4	123.6
	<b>Miscellaneous manufacturing</b>					
341	Leather and leather products	2.0	3.1	3.7	2.4	3.4
342	Rubber products	5.1	10.5	10.8	13.9	12.4
343	Plastic and related products	28.3	37.7	41.3	32.2	39.0
344	Other manufacturing	7.4	14.5	12.0	13.7	8.9
34	Total miscellaneous manufacturing	42.9	65.8	67.8	62.2	63.6
	<b>TOTAL MANUFACTURING</b>	<b>1244.4</b>	<b>1215.5</b>	<b>1445.9</b>	<b>1451.7</b>	<b>1548.0</b>

(a) Outlay on fixed tangible assets less disposals.

(b) See paragraph 7 of Explanatory Notes.

TABLE 22.—SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS, AUSTRALIA 1976-77

ASIC Code	Industry class	No. of establishments operating at 30 June '77	Persons employed—end of June 1977(b)			Wages and salaries \$000
			Males	Females	Total	
		No.	No.	No.	No.	\$000
	Food, beverages & tobacco					
	Meat products					
2111	Meat & abattoir by-products	43	71	12	83	284
2112	Fresh & frozen poultry	28	35	21	56	57
2113	Bacon, ham & smallgoods	19	27	10	37	67
2114	Casings of animal origin	3	6	1	7	37
211	Total meat products	93	139	44	183	443
	Milk products					
2121	Liquid milk & cream					
2122	Butter					
2123	Cheese					
2124	Ice cream & frozen confections					
2125	Milk products nec					
212	Total milk products	28	39	22	61	116
	Fruit & vegetable products					
2131	Fruit products	10	19	7	26	81
2132	Vegetable products	4	5	1	6	6
213	Total fruit & vegetable products	14	24	8	32	86
214	Margarine & oils & fats nec	4				
			Not available for publication, included with sub-division 21-22 'Total food, beverages and tobacco'			
	Flour mill & cereal food products					
2151	Flour mill products	3	5	2	7	6
2152	Starch, gluten & starch sugar					
2153	Cereal foods & baking mixes	14	17	16	33	91
215	Total flour mill & cereal food products	17	22	18	40	96
	Bread, cakes & biscuits					
2161	Bread	213	312	205	517	1281
2162	Cakes & pastries	56	79	39	118	223
2163	Biscuits	6	7	7	14	20
216	Total bread, cakes & biscuits	275	398	251	649	1524
	Sugar					
2171	Raw sugar					
2172	Refined sugar					
217	Total sugar					
	Other food products					
2181	Confectionery & cocoa products	27	29	35	64	183
2182	Canned fish & other seafoods	1				
2183	Prepared animal & bird foods	17	31	5	36	115
2184	Food products nec	65	98	29	127	316
218	Total other food products	110	158	69	227	614
	Beverages & malt					
2191	Soft drinks, cordials & syrups	74	124	41	165	411
2192	Beer	1	Not available for publication; included with group 219 'Total beverages and malt'			
2193	Malt					
2194	Wine & brandy	68	103	44	147	380
2195	Alcoholic beverages nec	3	Not available for publication; included with group 219 'Total beverages and malt'			
219	Total beverages & malt	146	234	86	320	830
221	Tobacco products	1	Not available for publication; included with sub-division 21-22 'Total food, beverages and tobacco'			
21-22	Total food, beverages & tobacco	688	1023	500	1523	3741
	Textiles					
	Textiles, yarns & woven fabrics					
2311	Cotton spinning					
2312	Scoured & carbonised wool	4	9	2	11	62
2313	Wool & man-made fibre tops					
2314	Man-made fibres & yarns					
2315	Man-made fibre broadwoven fabrics	3				
2316	Cotton yarns & broadwoven fabrics	2	7	2	9	61
2317	Worsted yarns & broadwoven fabrics					
2318	Woolen yarns & broadwoven fabrics					
2319	Narrow woven & elastic fabrics					
2321	Textile finishing	29	37	21	58	150
2322	Household textiles (e.g. floor coverings)	22	18	24	42	97

For footnotes see end of table

TABLE 22.—SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS AUSTRALIA 1976-77—continued

ASIC Code	Industry class	No. of establishments operating at 10 June '77	Persons employed end of June 1977(b)			Wages and salaries
			Males	Females	Total	
		No.	No.	No.	No.	\$000
231-232	Total textiles, yarns & woven fabrics .....	65	78	56	134	453
	Other textile products .....					
2331	Textile floor coverings .....	4	5	4	9	27
2332	Felt & felt products .....	..	..	..	..	..
2333	Canvas & associated products nec .....	102	143	72	215	525
2334	Rope, cordage & twine .....	4	8	4	12	9
2335	Textile products nec .....	27	22	28	50	142
233	Total other textile products .....	137	178	108	286	703
23	Total textiles .....	202	256	164	420	1156
	Clothing & footwear .....					
	Knitting mills .....					
2411	Hosiery .....	7	7	8	15	41
2412	Cardigans & pullovers .....	29	27	36	63	163
2413	Knitted goods nec .....	18	17	20	37	142
241	Total knitting mills .....	54	51	64	115	346
	Clothing .....					
2421	Women's & girls blouses & frocks .....	133	92	184	276	723
2422	Women's & girls outerwear nec .....	62	45	79	124	384
2423	Mens & boys trousers & shorts; work clothing .....	13	11	15	26	62
2424	Mens & boys suits & coats; waterproof clothing .....	15	15	16	31	84
2425	Underwear, nightwear, shirts & infants clothing nec .....	23	13	29	42	127
2426	Foundation garments .....	4	3	6	9	11
2427	Headwear .....	12	4	14	18	33
2428	Clothing nec .....	137	119	155	274	716
242	Total clothing .....	399	302	498	800	2141
	Footwear .....					
2431	Rubber footwear .....	3	6	1	7	13
2432	Footwear nec .....	58	78	42	120	258
243	Total footwear .....	61	84	43	127	271
24	Total clothing & footwear .....	514	437	605	1042	2758
	Wood, wood products & furniture .....					
	Wood & wood products .....					
2511	Log sawmilling .....	374	746	44	790	1540
2512	Resawn & dressed timber .....	23	39	7	46	149
2513	Plywood & manufactured boards .....	7	11	4	15	62
2514	Joinery & wooden structural fittings .....	776	1314	226	1540	4125
2515	Wooden containers .....	57	111	14	125	403
2516	Wood, cork, etc., products nec .....	257	359	139	498	1137
251	Total wood & wood products .....	1494	2580	434	3014	7415
	Furniture & mattresses .....					
2521	Furniture exc. sheet metal .....	1002	1454	422	1876	3533
2522	Mattresses exc. rubber or wire .....	16	21	11	32	62
252	Total furniture & mattresses .....	1018	1475	433	1908	3595
25	Total wood, wood products & furniture .....	2512	4055	867	4922	11009
	Paper & paper products, printing .....					
	Paper & paper products .....					
2611	Pulp, paper & paperboards .....	1				
2612	Paper bags incl. textile bags .....	1	4	4	8	30
2613	Solid fibreboard containers .....	2				
2614	Corrugated fibreboard containers .....	3	4	2	6	5
2615	Paper products nec .....	25	28	26	54	122
261	Total paper & paper products .....	32	36	32	68	158
	Printing & publishing .....					
2621	Publishing, printing & publishing .....	195	235	176	411	1806
2622	Commercial & job printing, stationery & binding .....	790	1051	520	1571	4172
2623	Printing trade services nec .....	95	134	69	203	942
262	Total printing & publishing .....	1080	1420	765	2185	6921
26	Total paper & paper products, printing .....	1112	1456	797	2253	7079

For footnotes see end of table

TABLE 22. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS AUSTRALIA 1976-77 *continued*

ASIC Code	Industry class	No. of establishments operating at 30 June '77	Persons employed end of June 1977(b)			Wages and salaries \$000
			Males	Females	Total	
		No.	No.	No.	No.	\$000
<b>Chemical, petroleum &amp; coal products</b>						
<b>Basic chemicals</b>						
2711	Chemical fertilisers	3	Not available for publication; included with group 271 'Total basic chemicals'			
2712	Industrial gases	..	..	..	..	..
2713	Plastic materials	3	7	2	9	73
2714	Organic industrial chemicals nec	11	17	5	22	64
2715	Inorganic industrial chemicals nec	13	Not available for publication; included with group 271 'Total basic chemicals'			
271	<b>Total basic chemicals</b>	30	51	11	62	272
<b>Other chemical &amp; related products</b>						
2721	Ammunition, explosives & fireworks	1	Not available for publication; included with group 272 'Total chemical & related products'			
2722	Paints, varnishes and lacquers	32	49	13	62	298
2723	Pharmaceutical & veterinary products	18	21	14	35	126
2724	Pesticides & agricultural chemicals	4	Not available for publication; included with group 272 'Total other chemical & related products'			
2725	Soap & other detergents	56	75	30	105	320
2726	Cosmetics & toilet preparations	18	19	14	33	113
2727	Inks	3	..	..	..	..
2728	Chemical products nec	60	91	41	132	499
272	<b>Total other chemical &amp; related products</b>	192	261	115	376	1392
273	Petroleum refining	..	..	..	..	..
274	Petroleum & coal products nec	3	8	1	9	77
27	<b>Total chemical, petroleum &amp; coal products</b>	225	320	127	447	1741
<b>Non-metallic mineral products</b>						
<b>Glass &amp; glass products</b>						
2811	Plate & sheet glass	..	..	..	..	..
2812	Glass bottles & jars	..	..	..	..	..
2813	Glass products nec	29	43	13	56	163
281	<b>Total glass &amp; glass products</b>	29	43	13	56	163
<b>Clay products</b>						
2821	Clay bricks & clay refractories	7	..	..	..	..
2822	Ceramic construction goods	5	23	4	27	126
2823	China & other ceramic goods nec	65	70	48	118	125
282	<b>Total clay products</b>	77	93	52	145	251
<b>Cement &amp; concrete products</b>						
2831	Cement	1	Not available for publication; included with group 283 'Total cement & concrete products'			
2832	Ready mixed concrete	66	134	24	158	799
2833	Concrete pipes	2	Not available for publication; included with group 283 'Total cement & concrete products'			
2834	Concrete products etc. pipes	142	240	43	283	911
2835	Asbestos cement products	3	Not available for publication; included with group 283 'Total cement & concrete products'			
283	<b>Total cement &amp; concrete products</b>	214	386	68	454	1755
<b>Other non-metallic mineral products</b>						
2841	Plaster products	20	36	6	42	222
2842	Stone products	67	118	23	141	367
2843	Non-metallic mineral products nec	24	37	8	45	141
284	<b>Total other non-metallic mineral products</b>	111	191	37	228	730
28	<b>Total non-metallic mineral products</b>	431	713	170	883	2899
<b>Basic metal products</b>						
<b>Basic iron &amp; steel</b>						
2911	Iron ore pelletising & metallising	1	Not available for publication; included with group 291 'Total basic iron & steel'			
2912	Iron & steel basic products	13	Not available for publication; included with group 291 'Total basic iron & steel'			
2913	Iron & steel castings & forgings	28	46	5	51	140
2914	Steel pipes & tubes	4	Not available for publication; included with group 291 'Total basic iron & steel'			
291	<b>Total basic iron &amp; steel</b>	46	74	11	87	232
<b>Non-ferrous metal basic products</b>						
2921	Smelting & refining of copper	..	..	..	..	..

For footnotes see end of table

TABLE 22—SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS, AUSTRALIA 1976-77—continued

ASIC Code	Industry class	No. of establishments operating at 30 June '77	Persons employed—end of June 1977(b)			Wages and salaries \$000
			Males	Females	Total	
		No.	No.	No.	No.	
2922	Smelting & refining of silver, lead & zinc .....	..	..	..	..	..
2923	Alumina .....	..	..	..	..	..
2924	Smelting & refining of aluminium .....	..	..	..	..	..
2925	Smelting & refining of nickel .....	..	..	..	..	..
2926	Smelting & refining of non-ferrous metals nec .....	..	..	..	..	..
2927	Rolling, drawing & extruding of aluminium .....	..	..	..	..	..
2928	Rolling, drawing & extruding of non-ferrous metals nec .....	2	74	14	88	469
2929	Non-ferrous metal castings .....	38				
2931	Secondary recovery & alloying of non-ferrous metals nec .....	8	15	1	16	63
292-291	Total non-ferrous metal basic products .....	48	89	15	104	511
<b>29</b>	<b>Total basic metal products .....</b>	<b>94</b>	<b>163</b>	<b>28</b>	<b>191</b>	<b>763</b>
	<b>Fabricated metal products</b>					
	<b>Fabricated structural metal products</b>					
3111	Fabricated structural steel .....	251	452	83	535	1821
3112	Architectural aluminium products .....	93	173	36	209	709
3113	Architectural metal products nec .....	220	385	71	456	1338
3114	Boiler & plate work .....	41	76	15	91	336
<i>311</i>	Total fabricated structural metal products .....	605	1086	205	1291	4204
	<b>Sheet metal products</b>					
3121	Metal containers .....	1				
3122	Sheet metal furniture .....	21	38	12	50	183
3123	Sheet metal products nec .....	250	426	94	520	1641
<i>312</i>	Total sheet metal products .....	272	464	106	570	1825
	<b>Other fabricated metal products</b>					
3131	Cutlery & hand tools .....	43	65	19	84	236
3132	Springs & wire products .....	46	69	24	93	310
3133	Nuts, bolts, screws & rivets .....	24	37	9	46	194
3134	Metal coating & finishing .....	226	340	100	440	1450
3135	Steam, gas & water fittings .....	20	32	6	38	160
3136	Metal blinds & awnings .....	20	24	15	39	64
3137	Fabricated metal products nec .....	591	939	213	1152	2769
<i>313</i>	Total other fabricated metal products .....	970	1506	386	1892	5181
<b>31</b>	<b>Total fabricated metal products .....</b>	<b>1847</b>	<b>3056</b>	<b>697</b>	<b>3753</b>	<b>11212</b>
	<b>Transport equipment</b>					
	<b>Motor vehicles &amp; parts</b>					
3211	Motor vehicles .....	4	5	1	6	19
3212	Trucks & bus bodies, trailers, caravans .....	119	219	41	260	749
3213	Motor vehicle instruments & electrical equipment nec .....	7	12	2	14	36
3214	Motor vehicle parts nec .....	164	279	60	339	906
<i>321</i>	Total motor vehicles & parts .....	294	515	104	619	1710
	<b>Other transport equipment</b>					
3221	Ship building & repair .....	7	14	2	16	89
3222	Boat building & repair .....	223	372	76	448	1403
3223	Locomotives, rolling stock & repair .....	..	..	..	..	..
3224	Aircraft building & repair .....	5	11	1	12	60
3225	Transport equipment nec .....	24	39	7	46	76
<i>322</i>	Total other transport equipment .....	259	436	86	522	1628
<b>32</b>	<b>Total transport equipment .....</b>	<b>553</b>	<b>951</b>	<b>190</b>	<b>1141</b>	<b>3338</b>
	<b>Other machinery &amp; equipment</b>					
	<b>Photographic, professional, &amp; scientific equipment</b>					
3311	Photographic goods, optical instruments & film processing .....	64	88	39	127	374
3312	Measuring apparatus & professional & scientific equipment nec .....	68	97	36	133	439
<i>331</i>	Total photographic, professional & scientific equipment .....	132	185	75	260	813
	<b>Appliances &amp; electrical equipment</b>					
3321	TV, radios & electronic equipment nec .....	92	148	57	205	626
3322	Refrigerators & household appliances .....	53	86	22	108	347

For footnotes see end of table

TABLE 22. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY CLASS, AUSTRALIA 1976-77—continued

ASIC Code	Industry class	No. of establishments operating at 30 June '77	Persons employed—end of June 1977(b)			Wages and salaries
			Males	Females	Total	
		No.	No.	No.	No.	\$'000
3323	Water heating systems	8				
3324	Electric & telephone cable & wire	3	17	4	21	75
3325	Batteries	38	63	12	75	129
3326	Electrical machinery & equipment nec	177	242	108	350	1118
112	Total appliances & electrical equipment	177	556	204	759	2295
	Industrial machinery & equipment					
3331	Agricultural machinery & equipment	68	112	30	142	359
3332	Construction & earthmoving machinery	16	22	5	27	87
3333	Materials handling equipment	21	41	6	47	215
3334	Woodworking & metalworking machinery	31	56	9	65	314
3335	Pumps & compressors	31	47	15	62	231
3336	Commercial space heating & air conditioning equipment	9	14	6	20	78
3337	Dies, saw blades & machine tool accessories	201	321	83	404	1295
3338	Food processing machinery	20	35	8	43	218
3339	Industrial machinery & equipment nec	573	899	217	1116	3894
111	Total industrial machinery & equipment	970	1547	379	1926	6690
33	Total other machinery & equipment	1479	2288	657	2945	9799
	Miscellaneous manufacturing					
	Leather & leather products					
3411	Leather tanning & fur dressing	19	33	8	41	84
3412	Leather & substitute products nec	162	185	109	294	448
141	Total leather & leather products	181	218	117	335	532
	Rubber products					
3421	Rubber tyres, tubes, belts, hose, sheets	6	14	3	17	123
3422	Rubber products nec	10	18	1	19	82
142	Total rubber products	16	32	4	36	205
	Plastic & related products					
3431	Flexible packing, materials & products	15	24	12	36	202
3432	Rigid plastic sheeting	5	9	2	11	63
3433	Hard surface floor coverings nec	1				
3434	Plastic products nec	243	377	139	516	1589
143	Total plastic & related products	264	410	153	561	1854
	Other manufacturing					
3441	Ophthalmic articles	12	19	5	24	65
3442	Jewellery & silverware	289	371	155	526	875
3443	Brooms & brushes	20	28	14	42	127
3444	Signs & advertising displays	402	562	186	748	1386
3445	Sporting equipment	117	182	46	228	530
3446	Wining & marking equipment	21	28	13	41	76
3447	Manufacturing nec	120	149	77	226	527
144	Total other manufacturing	981	1319	496	1815	3587
34	Total miscellaneous manufacturing	1442	1999	770	2769	6178
	TOTAL MANUFACTURING	11099	16717	5572	22289	61672

(a) See paragraph 6 ind 7 of Explanatory notes. (b) Including working proprietors.

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**AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION**

<i>Industry class</i>	<i>ANIC code</i>		
Agricultural machinery and equipment	3331	Flexible packaging and packaging materials (except paper), adhesive tapes and abrasives coated papers	3431
Aircraft building and repair	3224	Flour mill products	2151
Alcoholic beverages nec	2195	Food processing machinery	3338
Alumina	2923	Food products nec	2184
Ammunition, explosives and fireworks	2721	Footwear nec	2432
Architectural aluminium products	3112	Fresh and frozen poultry	2426
Architectural metal products nec	3113	Foundation garments	2112
Asbestos cement products	2835	Fresh, preserved and canned meat (including tallow, meals and fertilisers of animal origin)	2111
Bacon, ham and smallgoods	2113	Furniture (except sheet metal)	2521
Batteries	3325	Glass bottles and jars	2812
Beer	2192	Glass products nec	2813
Biscuits	2163	Hard surface floor coverings nec	3433
Blinds and awnings (except textile, bamboo or cane)	3136	Headwear	2427
Boat building and repair	3222	Hosiery	2411
Boiler and plate work	3114	Household textiles (except floor coverings)	2322
Bread	2161	Ice cream and other frozen confections	2124
Brooms and brushes	3443	Industrial gases	2712
Butter	2122	Industrial machinery and equipment nec	3339
Cakes and pastries	2162	Inks	2727
Canned and preserved fruit products	2131	Inorganic industrial chemicals nec	2715
Canned and preserved vegetable products	2132	Iron ore pelleting and metalising	2911
Canvas products and associated textile products nec	2333	Iron and steel basic products	2912
Cardigans and pullovers	2412	Iron and steel castings and forgings	2913
Casings of animal origin	2114	Jewellery and silverware	3442
Cement	2831	Joinery and wooden structural fittings	2514
Ceramic construction goods (except vitreous china or porcelain)	2822	Knitted goods nec	2413
Cereal foods, prepared flour and baking mixes	2153	Leather and leather substitute products nec	3412
Cheese	2123	Leather tanning and finishing, fur dressing and dyeing	3411
Chemical fertilisers	2711	Liquid milk and cream	2121
Chemical products nec	2728	Log sawmilling	2511
China and other ceramic goods nec	2823	Malt	2193
Clay bricks and clay refractories	2821	Man-made fibre broadwoven fabrics	2315
Clothing nec and clothing trade services	2428	Man-made fibres and yarns	2314
Commercial space heating and air conditioning equipment	3336	Manufacturing nec	3447
Commercial and job printing (including stationery and bookbinding)	2622	Margarine and oils and fats nec	2140
Concrete pipes	2833	Materials handling equipment	3333
Concrete products (except pipes)	2834	Mattresses (except rubber or wire)	2522
Confectionery, chocolate and cocoa products	2181	Measuring apparatus and professional and scientific equipment and supplies nec	3312
Construction and earthmoving machinery and equipment	3332	Men's and boys' suits and coats; waterproof clothing	2424
Corrugated fibreboard containers	2614	Men's and boys' trousers and shorts; work clothing	2423
Cosmetics and toilet preparations	2726	Metal cans, canisters and containers	3121
Cotton ginning	2311	Metal coating and finishing	3134
Cotton, silk and flax yarns and broadwoven fabrics	2316	Milk products nec	2125
Cutlery, industrial knives and hand tools (except power operated)	3131	Motor vehicle instruments, heaters and electrical equipment (except batteries)	3213
Dies, saw blades and machine tool accessories	3337	Motor vehicle parts and accessories nec	3214
Electric and telephone cable, wire and strip	3324	Motor vehicles	3211
Electrical machinery, equipment and supplies nec	3326	Narrow woven fabrics (including broadwoven elastic or elastomeric fabrics)	2319
Fabricated metal products nec	3137		
Fabricated structural steel	3111		
Felt and felt products	2332		

Non-ferrous metal castings	2929	Scoured and carbonised wool	2312
Non-metallic mineral products nec	2843	Secondary recovery and alloying of non-ferrous metals nec	2934
Nuts, bolts, screws and rivets	3133	Sheet metal furniture and storage equipment	3122
Ophthalmic articles	3441	Sheet metal products nec	3123
Organic industrial chemicals nec	2714	Shipbuilding and repair	3221
Paints, varnishes and lacquers	2722	Signs and advertising displays	3444
Paper bags (including textile bags)	2612	Smelting of aluminium	2924
Paper products nec	2615	Smelting and refining of copper	2921
Pest control and agricultural chemical products nec	2724	Smelting and refining of nickel	2925
Petroleum and coal products nec	2740	Smelting and refining of non-ferrous metals nec	2926
Petroleum refining	2730	Smelting and refining of silver, lead and zinc	2922
Pharmaceutical and veterinary products	2723	Soap and other detergents	2725
Photographic equipment and supplies, optical instruments and film processing	3311	Soft drinks, cordials and syrups	2191
Plaster products	2841	Solid fibreboard containers	2613
Plastic products nec	3434	Sporting equipment	3445
Plastics materials and synthetic resins and rubber	2713	Springs and wire products	3132
Plate and sheet glass	2811	Starch, gluten and starch sugars	2152
Plywood, veneers and manufactured boards of woods	2513	Steam, gas and water fittings (non-ferrous metal)	3135
Prepared animal and bird foods	2183	Steel pipes and tubes	2914
Preserved and canned fish and other seafoods	2182	Stone products	2842
Printing trade services nec	2623	Television sets, radios, communication and other electronic equipment	3321
Publishing (including printing and publishing)	2621	Textile finishing	2321
Pulp, paper and paperboard	2611	Textile floor coverings	2331
Pumps, pumping equipment and air and gas compressors	3335	Textile products nec	2335
Railway locomotives and rolling stock manufacture and repair	3223	Tobacco products	2210
Raw sugar	2171	Transport equipment nec	3225
Ready mixed concrete	2832	Truck and bus bodies, trailers and caravans	3212
Refined sugar	2172	Underwear, nightwear, men's and boys' shirts and infants' and babies' clothing nec	2435
Refrigerators and household appliances	3322	Water heating systems	3323
Resawn and dressed timber	2512	Wine and brandy	2194
Rigid plastic sheeting	3432	Women's and girls' blouses and frocks	2421
Rolling, drawing and extruding of aluminium	2927	Women's and girls' outerwear nec	2422
Rolling, drawing and extruding of non-ferrous metals nec	2928	Wood, cork, bamboo and cane products nec	2516
Rope, cordage and twine	2334	Wooden containers	2515
Rubber footwear	2431	Woodworking and metal-working machinery and equipment	3334
Rubber products nec	3422	Wool and man-made fibre tops	2313
Rubber tyres, tubes, belting, hose and sheeting	3421	Woolen yarns and broad woven fabrics	2318
		Worsted yarns and broad woven fabrics	2317
		Writing and marking equipment	3446