MANUFACTURING ESTABLISHMENTS
SUMMARY OF OPERATIONS
BY INDUSTRY CLASS

1976-77

CATALOGUE NO. 8202.0
(Previously Ref. No. 12.23)

AUSTRALIAN BUREAU OF STATISTICS Canberra

INQUIRIES	*If you want to know more about these statistics ring Mr Harry Kleyweg on Canberra 525664 or our State Office, or write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616*
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NOON 6 OCTOBER 1978

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EXPLANATORY NOTES

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 (A.S.I.C.) 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:

(a) The manufacturing activities primary to the industry class to which the establishment is classified.

(b) Any other manufacturing activities (i.e. production of commodities primary to another industry class).

(c) Any selling and distribution activities connected with the commodities manufactured.

(d) 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. Table 1 relates to manufacturing establishments from which the full range of data is collected under the new collection criteria (i.e. all manufacturing establishments owned by multi-establishment enterprises, and single establishment manufacturing enterprises with four or more persons employed). Table 2 shows data for the unlimited scope of establishments for 1974-75, 1975-76 and 1976-77 but data for 1973-74 relate to all establishments regardless of size. Table 3 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 transfers 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). Turnover, plus increase (or less decrease) in the value of stocks, less purchases, transfers in and selected expenses.

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 Publications –

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, Details of Operations by Industry Class : Australia (8203.0) which includes details of the components of the items of employment, wages and salaries, turnover, stocks, purchases, value added and capital expenditure (which have appeared in earlier publications) classified by industry class.

Manufacturing Commodities, Selected Principal Articles Produced (8365.0) which includes preliminary details of 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 (quantity and value) of the principal 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 No. 1 to 8 (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 of Industry Class (8103.0)
Manufacturing Commodities, Principal Materials Used (8210.0)
Wholesale Price Indexes, Price Index 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)

(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, payroll tax, income tax, rates, advertising, interest on borrowed funds, bad debts and other sundry charges which are not taken into account in arriving at value added.

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 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.

R. J. CAMERON
Australian Statistician

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

ASIC code	Industry class	No. of estab. operating at 30 June 77	Persons employed – Average over whole year (b)			Wages and Salaries	Turnover	Stocks		Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			Males	Females	total			At 30 June 76	At 30 June 77			
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Food, Beverages and Tobacco											
	Meat Products											
2111	Meat & Abattoir By – Products	449	41,186	7,009	48,195	432,812	1,852,257	89,787	103,111	1,303,825	761,756	43,402
2112	Fresh & Frozen Poultry	105	3,456	3,373	5,829	42,931	290,643	17,724	16,158	217,614	71,403	9,079
2113	Bacon, Ham & Smallgoods	142	5,489	2,420	7,909	65,473	370,353	21,815	24,368	260,117	112,788	10,436
2114	Casings of Animal Origin	27	382	147	529	3,987	15,402	1,249	1,210	8,215	7,088	224
211	Total Meat Products	723	49,513	12,949	62,462	545,203	2,528,654	130,576	144,847	1,589,892	953,032	63,141
	Milk Products											
2121	Liquid Milk & Cream											
2122	Butter											
2123	Cheese	290	15,669	4,069	19,738	183,404	1,380,096	90,602	93,007	1,045,383	337,119	28,746
2124	Ice Cream & Frozen Confections											
2125	Milk Products Nec											
212	Total Milk Products	290	15,669	4,069	19,738	183,404	1,380,096	90,602	93,007	1,045,383	337,119	28,746
	Fruit & Vegetable Products											
2131	Fruit Products	79	3,082	1,577	4,659	40,268	243,715	86,258	79,044	152,274	84,229	5,156
2132	Vegetable Products	66	4,522	2,752	7,274	69,436	343,261	79,152	83,042	198,837	148,313	5,850
213	Total Fruit & Vegetable Products	145	7,604	4,329	11,933	109,704	586,975	165,410	162,086	351,111	232,542	11,006
214	Margarine & Oils & Fats Nec	39	2,326	511	2,837	30,895	295,704	35,402	42,964	234,778	68,487	4,316
	Flour Mill & Cereal Food Products											
2151	Flour Mill Products	62	2,352	306	2,658	23,739	252,364	8,217	8,926	191,175	61,838	5,758
2152	Starch, Gluten & Starch Sugar	14	689	70	759	8,491	75,158	6,062	6,371	58,935	16,531	2,004
2153	Cereal Foods & Baking Mixes	64	3,178	1,463	4,641	38,471	233,708	46,737	66,187	157,142	96,015	7,813
215	Total Flour Mill & Cereal Food Products	140	6,219	1,839	8,058	70,692	561,170	61,016	81,484	407,252	174,385	15,575
	Bread, Cakes & Biscuits											
2161	Bread	833	12,016	4,991	17,007	127,245	413,228	7,483	8,456	205,177	209,622	11,980
2162	Cakes & Pastries	239	3,746	3,800	7,546	56,019	174,070	6,266	7,707	85,255	90,258	7,253
2163	Biscuits	34	2,908	3,307	6,215	51,014	176,239	10,575	11,861	88,471	89,053	5,469
216	Total Bread, Cakes & Biscuits	1,106	18,670	12,098	30,768	234,278	764,037	24,324	28,024	378,903	388,834	24,702

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 June 77	Persons employed – Average over whole year (b)			Wages and salaries	Turnover	Stocks		Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			Males	Females	Total			At 30 June 76	At 30 June 77			
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Sugar & Other Food Products											
2171	Raw Sugar		Not available for publication; included with class 2184 'Food products n.e.c.'									
2172	Refined Sugar											
2181	Confectionery & Cocoa Products	88	4,189	4,441	8,630	65,909	273,647	44,267	48,636	144,432	133,573	7,864
2182	Canned Fish & Other Seafoods	10	311	317	628	6,452	29,783	5,791	5,354	20,856	8,488	1,647
2183	Prepared Animal & Bird Foods	146	3,380	634	4,014	38,515	430,829	76,634	35,468	325,594	114,971	9,617
2184	Food Products Nec	213	14,333	3,791	18,124	197,058	1,228,673	65,855	91,363	828,505	435,678	120,366
2171-2	Raw & Refined Sugar											
218	*Total Other Food Products*	457	*22,213*	*9,183*	*31,396*	*305,934*	*1,962,932*	*142,547*	*180,810*	*1,319,386*	*681,810*	*139,394*
217	*Total Sugar*											
	Beverages & Malt											
2191	Soft Drinks, Cordials & Syrups	260	6,894	1,707	8,601	70,995	432,144	34,265	41,735	279,785	159,821	10,638
2192	Beer	23	8,463	568	9,031	101,507	480,312	25,670	24,293	368,411	214,524	67,722
2193	Malt	21	508	38	546	6,153	78,608	15,512	18,161	61,841	19,414	918
2194	Wine & Brandy	170	3,404	1,550	4,954	38,241	244,337	161,157	187,666	164,560	106,787	13,229
2195	Alcoholic Beverages Nec	7	258	60	318	3,243	15,809	9,500	9,073	8,146	7,236	502
219	*Total Beverages & Malt*	*481*	*19,527*	*3,923*	*23,450*	*220,139*	*1,251,710*	*246,104*	*284,918*	*782,741*	*507,783*	*93,009*
221	*Tobacco Products*	*7*	*2,822*	*2,[illegible]*	*5,321*	*53,967*	*317,885*	*152,061*	*156,723*	*165,492*	*157,057*	*4,584*
21-22	**Total Food, Beverages & Tobacco**	**3,388**	**144,563**	**51,400**	**195,963**	**1,754,216**	**9,649,164**	**1,048,042**	**1,174,865**	**6,274,937**	**3,501,051**	**384,473**
	Textiles											
	Textiles, Yarns & Woven Fabrics											
2311	Cotton Ginning	10	72	11	83	1,074	13,756	7,915	8,403	11,456	2,790	1,471
2312	Scoured & Carbonised Wool	26	1,060	85	1,145	10,253	79,658	6,936	6,697	60,705	18,613	2,715
2313	Wool & Man-Made Fibre Tops	7	610	242	852	7,058	70,220	12,632	14,808	57,312	15,083	769
2314	Man-Made Fibres & Yarns	28	2,718	1,352	4,070	36,481	154,411	33,777	29,215	72,743	57,165	2,116
2315	Man-Made Fibre Broadwoven Fabrics	30	1,928	1,405	3,333	27,232	108,110	22,981	26,636	63,978	48,776	2,126
2316	Cotton Yarns & Broadwoven Fabrics	39	3,337	3,071	6,408	54,026	193,924	37,431	40,295	114,040	81,748	1,862

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 June 77	Persons employed – Average over whole year (b) Males	Females	total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
2317	Worsted Yarn & Broadcloth Fabrics	17	1,193	1,578	2,771	22,043	64,148	18,202	16,136	31,911	30,170	1,157
2318	Woollen Yarn & Broadcloth Fabrics	28	1,817	1,398	3,215	23,610	84,555	16,449	16,233	46,455	37,887	1,094
2319	Narrow Woven & Elastic Fabrics	31	542	816	1,358	10,435	35,439	6,758	8,404	20,240	16,845	914
2321	Textile Finishing	76	2,136	847	2,983	27,046	104,320	10,964	11,157	56,117	48,397	1,726
2322	Household Textiles	73	505	1,399	1,904	12,927	53,703	11,660	11,734	32,372	21,403	386
231-232	Total Textiles, Yarns & Woven Fabrics	365	15,917	12,204	28,121	232,185	941,145	185,705	189,767	566,329	378,877	16,336
	Other Textile Products											
2331	Textile Floor Coverings	42	2,554	1,926	4,480	36,918	227,196	47,270	48,501	155,579	72,846	7,726
2332	Felt & Felt Products	13	520	145	665	6,313	25,457	4,112	4,493	10,853	14,985	380
2333	Canvas & Associated Products Nec	153	1,335	1,014	2,349	17,542	65,778	9,060	9,284	36,453	29,652	1,248
2334	Rope, Cordage & Twine	14	515	337	852	7,543	31,941	7,452	6,580	16,341	14,727	362
2335	Textile Products Nec	81	1,437	1,324	2,761	24,317	101,500	13,936	19,190	54,512	52,242	1,134
233	Total Other Textile Products	303	6,361	4,746	11,107	92,433	451,872	81,830	88,048	273,738	184,352	10,850
23	Total Textiles	668	22,278	16,950	39,228	324,618	1,393,017	267,535	277,815	840,067	563,229	27,186
	Clothing & Footwear:											
	Knitting Mills											
2411	Hosiery	41	1,446	2,526	3,972	30,833	81,125	16,412	17,156	39,267	42,601	135
2412	Cardigans & Pullovers	173	1,534	4,997	6,531	41,146	145,988	26,835	28,111	72,943	74,320	1,710
2413	Knitted Goods Nec	110	2,046	3,322	5,368	43,951	204,221	34,390	37,747	127,696	79,982	2,384
241	Total Knitting Mills	324	5,026	10,845	15,871	121,930	431,334	77,637	83,014	239,805	196,903	4,229
	Clothing											
2421	Womens & Girls Blouses & Frocks	564	1,242	9,361	10,603	66,426	220,927	26,354	30,331	121,164	103,740	1,440
2422	Womens & Girls Outerwear Nec	366	1,161	6,557	7,718	49,585	160,069	18,891	19,381	83,458	77,103	1,516
2423	Mens & Boys Trousers & Shorts; Work Clothing	169	1,976	9,296	11,272	76,473	238,805	44,117	48,687	129,500	113,873	1,778
2424	Mens & Boys Suits & Coats; Waterproof Clothing	100	1,825	4,191	6,016	43,414	103,559	16,675	17,443	40,856	63,472	783

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
2425	Underwear, Nightwear, Shirts & Infants' Clothing Nec	242	1,307	11,316	12,623	83,693	241,950	38,401	38,564	120,191	121,920	1,772
2426	Foundation Garments	26	390	2,254	2,644	18,985	68,708	12,362	13,620	35,669	34,398	52
2427	Headwear	35	173	340	513	2,977	7,660	1,349	1,426	3,385	4,463	[illegible]
2428	Clothing Nec	248	918	2,714	3,632	23,161	71,017	12,210	13,807	34,965	37,651	1,069
242	Total Clothing	1,750	8,993	46,039	55,031	364,712	1,113,696	170,358	183,258	569,088	556,509	8,306
	Footwear											
2431	Rubber Footwear	37	1,346	2,314	3,660	26,594	84,116	13,413	15,062	43,319	42,435	1,075
2432	Footwear Nec	194	4,063	5,426	9,489	68,015	194,087	27,020	27,414	96,623	97,858	1,659
243	Total Footwear	231	5,409	7,740	13,149	94,609	278,203	40,433	42,466	139,942	140,294	2,734
24	Total Clothing & Footwear	1,305	19,427	64,614	84,051	581,251	1,822,232	288,428	308,738	948,835	893,708	15,369
	Wood, Wood Products & Furniture											
	Wood & Wood Products											
2511	Log Sawmilling	861	12,778	945	13,723	99,587	355,276	41,528	48,131	144,130	217,749	13,969
2512	Resawn & Dressed Timber	225	8,611	841	9,458	76,827	364,753	61,837	71,561	229,822	144,655	10,639
2513	Plywood & Manufactured Boards	79	5,336	1,023	6,359	56,012	224,691	35,739	40,126	127,627	101,851	22,837
2514	Joinery & Wooden Structural Fittings	1,151	14,629	1,887	16,516	130,111	496,932	58,612	70,434	291,098	217,657	9,994
2515	Wooden Containers	123	1,484	219	1,703	11,417	38,151	3,883	4,352	22,021	16,600	1,768
2516	Wood, Cork, Etc. Products Nec	269	3,058	853	3,911	29,094	159,332	17,947	20,956	89,222	73,117	4,954
251	Total Wood & Wood Products	2,708	45,802	5,768	51,570	403,048	1,639,135	219,546	255,560	903,920	771,230	64,161
	Furniture & Mattresses											
2521	Furniture Exc. Steel Metal	1,173	19,336	4,507	23,843	180,724	614,345	73,060	82,864	322,422	301,723	16,033
2522	Mattresses Exc. Rubber or Wire	83	1,430	1,018	2,448	18,735	93,951	10,962	13,857	54,397	42,450	1,226
252	Total Furniture & Mattresses	1,256	20,766	5,525	26,291	199,459	708,296	84,022	96,721	376,819	344,173	17,259
25	Total Wood, Wood Products & Furniture	3,964	66,568	11,293	77,861	602,507	2,347,431	303,568	352,281	1,280,739	1,115,404	81,420

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 June 77	Persons employed – Average over whole year (b)			Wages and salaries	Turnover	Stocks		Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			Males	Females	Total			At 30 June 76	At 30 June 77			
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Paper & Paper Products, Printing											
	Paper & Paper Products											
2611	Pulp, Paper & Paperboard	19	10,095	978	11,073	125,501	512,177	70,921	97,683	317,757	221,182	46,182
2612	Paper Bags Incl. Textile Bags	57	1,463	1,069	2,532	21,312	109,814	18,146	19,937	68,486	43,120	1,319
2613	Solid Fibreboard Containers	77	3,008	1,400	4,408	39,016	168,596	29,657	34,685	102,026	71,599	4,905
2614	Corrugated Fibreboard Containers	48	4,517	1,185	5,702	55,457	280,444	29,805	32,330	177,197	105,775	10,786
2615	Paper Products Nec	89	2,677	1,334	4,011	35,927	194,896	29,600	32,739	120,376	77,656	8,378
261	*Total Paper & Paper Products*	290	21,760	5,966	27,726	277,213	1,265,927	178,129	217,374	785,842	519,332	70,570
	Printing & Publishing											
2621	Publishing, Printing & Publishing	505	22,893	7,930	30,823	301,799	925,604	66,731	84,614	384,332	559,166	19,340
2622	Commercial & Job Printing, Stationery & Bookbinding	1,584	23,586	11,192	34,778	293,171	865,792	117,123	127,352	398,426	477,497	22,285
2623	Printing Trade Services Nec	229	3,338	762	4,100	38,523	81,592	2,582	2,759	21,680	60,086	1,757
262	*Total Printing & Publishing*	2,318	49,817	19,884	69,701	633,493	1,872,986	186,435	214,624	804,437	1,096,749	43,382
26	**Total Paper & Paper Products, Printing**	2,608	71,577	25,850	97,427	910,706	3,138,914	364,555	431,998	1,590,279	1,616,080	113,952
	Chemical, Petroleum & Coal Products											
	Basic Chemicals											
2711	Chemical Fertilisers	29	3,868	390	4,258	48,056	389,645	51,331	61,732	282,955	117,089	7,176
2712	Industrial Gases	31	Not available for publication; included with group 271 'Basic chemicals'.									
2713	Plastics Materials & Synthetic Resins & Rubber	54	3,675	437	4,112	48,794	390,764	69,185	82,772	218,286	126,065	17,181
2714	Organic Industrial Chemicals Nec	34	2,565	264	2,829	35,451	315,842	45,425	58,489	234,900	94,005	14,562
2715	Inorganic Industrial Chemicals Nec	64	Not available for publication; included with group 271 'Basic chemicals'.									
271	*Total Basic Chemicals*	212	16,829	2,160	18,989	226,673	1,441,227	209,055	249,384	993,447	488,112	78,150
	Other Chemical & Related Products											
2721	Ammunition, Explosives & Fireworks	25	Not available for publication; included with group 272 'Other chemical and related products'.									

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
		No.	No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
2722	Paints	135	5,266	1,551	6,817	64,528	277,923	52,500	59,393	218,095	116,723	6,304
2723	Pharmaceutical & Veterinary Products	134	9,511	4,664	14,175	96,781	428,119	158,742	124,996	222,973	221,305	16,775
2724	Pesticides & Agricultural Chemicals	28	840	405	1,245	12,391	119,918	23,230	31,022	71,560	56,149	4,113
2725	Soap & Other Detergents	139	4,052	1,759	5,811	59,158	315,542	35,502	43,647	175,160	148,526	7,528
2726	Cosmetics & Toilet Preparations	58	1,715	2,876	4,591	40,522	206,883	44,204	48,286	91,990	118,945	5,652
2727	Inks	28	826	179	1,005	9,511	59,717	7,991	9,231	39,378	21,269	978
2728	Chemical Products Nec	113	Not available for publication; included with group 272 'Other chemical and related products'.									
272	Total Other Chemical & Related Products	650	22,673	13,424	36,097	343,082	1,716,000	323,275	372,127	968,013	796,767	50,232
273	Petroleum Refining	12	4,205	251	4,456	60,846	450,750	49,126	52,362	298,479	155,508	43,214
274	Petroleum & Coal Products Nec	40	831	99	930	9,597	57,550	7,581	8,632	40,065	18,539	609
27	Total Chemical, Petroleum & Coal Products	914	44,538	15,934	60,472	646,188	3,466,627	589,097	642,606	300,869	1,458,927	171,205
	Non-Metallic Mineral Products											
	Glass & Glass Products											
2811	Plate & Sheet Glass	33	6,766	996	7,762	89,267	286,246	45,624	60,133	117,725	183,033	13,495
2812	Glass Bottles & Jars											
2819	Glass Products Nec											
281	Total Glass & Glass Products	33	6,766	996	7,762	89,267	286,246	45,624	60,133	117,725	183,033	13,495
	Clay Products											
2821	Clay Bricks & Clay Refractories	149	8,629	492	9,121	99,628	281,488	46,310	56,516	112,722	178,973	24,391
2822	Ceramic Construction Goods	49	2,625	374	2,999	28,704	99,854	13,757	16,954	53,080	49,971	5,452
2823	China & Other Ceramic Goods Nec	46	1,460	818	2,278	19,699	43,541	6,684	7,921	14,655	30,122	557
282	Total Clay Products	244	12,714	1,684	14,398	148,031	404,883	66,751	81,391	160,457	259,066	30,310
	Cement & Concrete Products											
2831	Cement	22	3,569	244	3,813	48,475	290,428	41,581	48,974	199,708	98,163	15,563
2832	Ready Mixed Concrete	553	2,787	268	3,055	32,765	389,202	6,805	5,214	305,954	85,657	7,592
2833	Concrete Pipes	67	Not available for publication; included with group 283 'Cement and concrete products'.									

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	Stocks At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
2834	Concrete Products Excl. Pipes	366	6,150	576	6,726	64,601	272,558	23,999	28,402	144,359	132,803	11,892
2835	Asbestos Cement Products	17	Not available for publication; included with group 283 'Cement and concrete products'									
283	Total Cement & Concrete Products	1,025	18,693	1,552	20,245	208,105	1,117,836	111,979	141,619	705,099	442,467	44,947
	Other Non-Metallic Mineral Products											
2841	Flatter Products	60	1,752	197	1,949	18,546	97,150	7,395	10,078	54,399	45,434	3,601
2842	Stone Products	85	592	91	683	4,200	17,802	2,083	2,365	8,692	9,395	138
2843	Non-Metallic Mineral Products Nec	91	2,186	385	2,571	26,498	111,504	12,430	13,353	52,350	60,075	6,523
284	Total Other Non-Metallic Mineral Products	236	4,530	673	5,203	49,054	226,456	21,907	25,796	115,441	114,902	10,262
28	Total Non-Metallic Mineral Products	1,638	42,793	4,905	47,698	486,857	2,035,822	246,259	308,939	1,098,631	999,869	99,014
	Basic Metal Products											
	Basic Iron & Steel											
2911	Iron Ore Pelletizing & Metallizing	4	1,223	71	1,294	17,859	186,546	27,295	27,222	157,865	28,609	2,195
2912	Iron & Steel Basic Products	118	46,227	3,475	49,702	523,945	2,457,369	564,462	673,043	1,662,351	905,649	160,044
2913	Iron & Steel Castings & Forgings	166	10,390	654	11,044	102,359	302,385	47,327	54,722	135,701	174,219	7,727
2914	Steel Pipes & Tubes	45	6,316	610	6,926	68,715	259,568	52,865	56,189	150,711	132,181	10,776
291	Total Basic Iron & Steel	333	64,154	4,810	68,964	712,878	3,205,868	691,749	811,176	2,106,578	1,218,717	180,740
	Non-Ferrous Metal Basic Products											
2921	Smelting & Refining of Copper	3	754	18	772	9,690	224,481	39,424	35,157	188,028	32,187	10,414
2922*	Smelting & Refining of Silver, Lead & Zinc	9	5,974	281	6,255	71,027	729,613	121,988	150,242	558,508	199,358	10,680
2923	Aluminia	9	6,343	429	6,772	88,485	752,663	164,177	179,843	456,705	311,622	24,358
2924	Smelting of Aluminium											
2925	Smelting & Refining of Nickel		Not available for publication; included with class 2922 'Smelting and refining of silver, lead and zinc'.									

For footnotes see end of table.

* Includes ASIC classes 2923 and 2924.

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 June 77	Persons employed – Average over whole year (b)			Wages and salaries	Turnover	Stocks		Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			Males	Females	Total			At 30 June 76	At 30 June 77			
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
2926	Smelting & Refining of Non-Ferrous Metals Nec		Not available for publication; included with class 2922 'Smelting and refining of silver, lead and zinc'.									
2927	Rolling, Drawing & Extruding of Aluminium	23	3,641	448	3,989	44,237	262,411	41,326	57,568	193,137	86,517	14,512
2928	Rolling, Drawing & Extruding of Non-Ferrous Metals Nec	18	3,251	219	3,470	35,148	238,269	27,305	31,331	170,764	71,536	6,686
2929	Non-Ferrous Metal Castings	112	1,657	289	1,946	16,596	54,030	3,376	3,651	27,397	27,108	987
2931	Secondary Recovery & Alloying of Non-Ferrous Metals Nec	43	1,410	227	1,637	15,353	153,807	23,000	23,533	119,220	35,120	2,103
292-293	Total Non-Ferrous Metal Basic Products	217	22,930	1,911	24,841	280,536	2,415,274	420,394	481,325	1,713,759	762,448	69,740
29	Total Basic Metal Products	559	87,084	6,721	93,805	993,414	5,621,142	1,112,143	1,297,501	3,820,337	1,961,165	250,100
	Fabricated Metal Products											
	Fabricated Structural Metal Products											
3111	Fabricated Structural Steel	755	13,730	1,237	14,967	130,394	554,788	65,571	78,830	340,438	227,607	9,530
3112	Architectural Aluminium Products	283	6,601	1,616	8,217	67,513	288,202	39,730	44,593	177,000	116,064	5,258
3113	Architectural Metal Products Nec	256	1,918	357	2,275	17,485	68,910	5,323	6,384	36,794	33,179	1,744
3114	Boiler & Plate Work	155	5,364	550	5,914	56,384	195,709	34,168	34,650	102,332	93,859	5,584
311	Total Fabricated Structural Metal Products	1,397	27,613	3,760	31,373	271,776	1,107,609	144,792	164,457	656,564	470,709	22,116
	Sheet Metal Products											
3121	Metal Containers	45	4,767	2,039	6,806	66,627	347,453	59,248	59,346	226,593	118,958	6,643
3122	Sheet Metal Furniture	70	2,553	543	3,096	26,750	80,668	14,333	16,575	41,601	40,307	1,400
3123	Sheet Metal Products Nec	768	13,555	3,736	17,291	142,452	495,150	69,774	82,244	254,440	253,179	13,592
312	Total Sheet Metal Products	883	20,875	6,318	27,193	233,829	923,271	143,355	157,165	524,634	412,446	21,635

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases, transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Other Fabricated Metal Products											
3131	Cutlery & Hand Tools	50	1,902	614	2,516	22,637	68,291	20,205	24,576	31,223	41,445	1,922
3132	Springs & Wire Products	246	6,105	1,710	7,815	64,338	262,274	43,593	50,604	145,969	123,333	5,370
3133	Nuts, Bolts, Screws & Rivets	85	3,276	765	4,041	31,544	139,368	29,912	30,779	50,212	69,933	11,775
3134	Metal Coating and Finishing	401	4,169	895	5,064	42,644	110,067	5,315	6,162	38,776	72,136	3,327
3135	Steam, Gas & Water Fittings	93	3,541	1,170	4,711	39,436	123,095	25,687	29,623	60,610	66,531	3,648
3136	Metal Blinds & Awnings	70	1,272	939	2,211	17,610	71,800	9,347	12,357	39,194	35,614	1,852
3137	Fabricated Metal Products Nec	695	13,900	4,124	18,024	152,602	451,524	83,651	86,275	207,333	246,818	9,056
313	*Total Other Fabricated Metal Products*	1,640	34,165	10,217	44,382	376,769	1,206,325	217,710	240,376	573,208	655,783	36,150
31	**Total Fabricated Metal Products**	5,920	82,653	20,295	102,948	881,314	3,237,206	505,857	561,998	1,754,406	1,538,049	79,901
	Transport Equipment											
	Motor Vehicles & Parts											
3211	Motor Vehicles	49	44,594	4,484	49,078	477,262	2,519,628	408,145	563,391	1,799,357	875,517	92,846
3212	Truck & Bus Bodies, Trailers, Caravans	333	8,731	1,202	9,933	87,489	337,377	48,323	61,771	213,324	137,109	7,302
3213	Motor Vehicle Instruments & Electrical Equipment Nec	30	2,180	2,357	4,537	35,024	115,186	23,525	27,443	62,411	56,109	3,187
3214	Motor Vehicle Parts Nec	426	17,440	6,346	23,786	197,922	665,319	110,465	140,231	323,455	271,139	13,619
321	*Total Motor Vehicles & Parts*	838	72,945	14,389	87,334	797,697	3,637,300	590,458	792,834	2,398,447	1,441,229	116,954
	Other Transport Equipment											
3221	Ship Building & Repair	81	13,081	439	13,520	134,206	239,309	16,273	16,074	69,484	169,614	3,503
3222	Boat Building & Repair	249	2,927	393	3,320	25,585	94,118	10,862	12,946	52,524	43,681	2,839
3223	Locomotives, Rolling Stock & Repair	50	24,553	422	24,975	207,582	405,980	33,227	31,986	134,904	269,835	9,235
3224	Aircraft Building & Repair	33	11,458	986	12,444	136,481	288,366	102,188	106,786	105,459	187,595	7,680
3225	Transport Equipment Nec	39	1,028	533	1,561	10,545	47,437	16,919	15,770	26,718	20,572	587
322	*Total Other Transport Equipment*	452	53,047	2,773	55,820	514,399	1,075,211	179,418	183,562	388,089	691,267	23,844
32	**Total Transport Equipment**	1,290	125,992	17,162	143,154	1,307,096	4,712,511	769,876	976,396	2,786,536	2,131,496	140,798

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Other Machinery & Equipment											
	Photographic, Professional & Scientific Equipment											
3311	Photographic Goods, Optical Instruments & Film Processing	121	3,123	3,071	6,194	53,534	204,706	37,964	39,218	123,428	82,529	10,909
3312	Measuring Apparatus & Professional & Scientific Equipment Nec	119	2,331	1,118	3,449	31,444	101,279	21,406	25,211	46,067	59,020	1,297
331	Total Photographic Professional & Scientific Equipment	240	5,454	4,189	9,643	84,978	305,985	59,370	64,429	169,494	141,548	12,206
	Appliances & Electrical Equipment											
3321	TV, Radio & Electronic Equipment Nec	240	13,234	10,514	23,748	206,516	727,107	192,054	198,023	386,994	346,082	11,617
3322	Refrigerators & Household Appliances	229	17,394	7,561	24,955	206,946	795,003	169,217	188,906	471,052	341,042	17,318
3323	Water Heating Systems	43	1,650	306	1,956	17,470	70,967	11,366	12,167	43,035	29,742	1,338
3324	Electric & Telephone Cable & Wire	30	3,742	1,343	5,085	51,122	224,711	39,349	41,977	164,810	63,529	15,142
3325	Batteries	49	2,463	495	2,958	26,405	115,036	19,683	23,970	63,614	55,809	4,677
3326	Electrical Machinery & Equipment Nec	598	18,621	9,786	28,407	239,021	760,410	175,374	188,009	378,390	394,652	14,251
332	Total Appliances & Electrical Equipment	1,189	57,104	30,005	87,109	747,430	2,693,233	607,043	653,451	1,508,785	1,230,856	64,343
	Industrial Machinery & Equipment											
3331	Agricultural Machinery & Equipment	201	11,863	1,165	13,028	118,827	371,236	123,282	134,208	191,487	190,678	7,413
3332	Construction & Earthmoving Machinery	77	2,420	272	2,692	24,523	106,763	28,113	29,430	59,946	42,132	3,209
3333	Materials Handling Equipment	182	5,456	671	6,127	58,780	196,860	54,926	60,882	110,791	92,023	4,428

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (c)
			No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
3334	Woodworking & Metalworking Machinery	86	3,068	539	3,607	33,635	82,624	25,301	27,046	37,798	46,672	2,080
3335	Pumps & Compressors	104	4,537	595	5,132	46,591	159,183	44,484	46,067	79,646	81,120	3,108
3336	Commercial Space Heating & Air Conditioning Equipment	60	3,105	421	3,526	33,581	149,099	29,050	35,907	97,547	58,408	1,357
3337	Saws, Saw Blades & Machine Tool Accessories	357	4,450	785	5,235	47,685	123,600	21,373	23,830	45,983	80,074	3,208
3338	Food Processing Machinery	82	3,544	268	3,812	35,692	115,701	19,037	17,874	60,582	53,955	2,112
3339	Industrial Machinery & Equipment Nec	1,117	25,122	3,348	28,470	259,831	783,241	159,465	184,744	379,838	428,695	20,194
333	Total Industrial Machinery & Equipment	2,366	63,565	8,064	71,629	659,145	2,082,306	505,032	559,988	1,063,608	1,073,657	47,109
33	Total Other Machinery & Equipment	3,695	126,123	42,258	168,381	1,491,653	5,081,524	1,171,444	1,277,869	2,741,887	2,446,061	123,658
	Miscellaneous Manufacturing											
	Leather & Leather Products											
3411	Leather Tanning & Fur Dressing	68	1,998	517	2,515	20,553	94,176	11,783	14,042	60,239	36,196	3,080
3412	Leather & Substitute Products Nec	160	1,101	1,520	2,621	18,575	65,444	11,823	12,007	34,918	30,110	325
341	Total Leather & Leather Products	228	3,099	2,037	5,136	39,128	159,620	23,606	26,049	95,157	66,906	3,405
	Rubber Products											
3421	Rubber Tyres, Tubes, Belts, Hose, Sheets	29	8,307	890	9,197	96,986	317,642	47,801	51,213	168,517	152,538	9,000
3422	Rubber Products Nec	117	3,859	1,613	5,472	47,092	138,083	18,930	20,675	63,412	76,418	3,376
342	Total Rubber Products	146	12,166	2,503	14,669	144,078	455,725	66,731	71,888	231,929	228,956	12,376

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 June 77	Persons employed – Average over whole year (b) Males	Females	Total	Wages and salaries	Turnover	Stocks At 30 June 76	At 30 June 77	Purchases transfers in and selected expenses	Value added	Fixed capital expend. (inc (c)
		No.	No.	No.	No.	$'000	$'000	$'000	$'000	$'000	$'000	$'000
	Plastic & Related Products											
3431	Flexible Plastic Sheeting & Products	115	4,678	1,826	6,504	65,090	321,017	57,880	54,405	202,636	119,906	9,825
3432	Rigid Plastic Sheeting	9	397	98	495	4,591	19,607	3,907	5,317	11,447	9,568	562
3433	Hard Surface Floor Coverings Nec	7	299	50	349	3,256	22,523	6,387	5,611	13,216	9,432	751
3434	Plastic Products Nec	640	13,007	9,649	22,656	191,991	771,388	97,928	111,716	426,405	359,769	27,329
343	*Total Plastic & Related Products*	771	18,381	11,623	30,004	264,928	1,134,536	160,102	177,049	653,704	498,676	38,467
	Other Manufacturing											
3441	Ophthalmic Articles	41	857	845	1,702	12,476	41,479	7,979	9,468	18,916	24,045	1,287
3442	Jewellery & Silverware	214	1,427	831	2,258	15,590	57,487	11,301	12,613	30,866	27,830	564
3443	Brooms & Brushes	46	944	840	1,784	12,718	44,719	10,394	11,535	21,318	24,634	1,649
3444	Signs & Advertising Displays	243	2,592	767	3,359	26,917	68,658	6,732	7,676	30,037	39,666	2,855
3445	Sporting Equipment	136	1,545	779	2,324	16,989	58,651	11,516	13,386	29,190	31,418	1,123
3446	Writing & Marking Equipment	49	641	741	1,382	11,303	42,708	11,383	14,328	26,001	19,646	1,139
3447	Manufacturing Nec	135	1,434	1,219	2,653	13,944	54,842	9,865	13,346	29,055	29,270	383
344	*Total Other Manufacturing*	864	9,440	6,022	15,462	108,937	368,545	68,972	82,142	185,309	196,404	9,000
34	**Total Miscellaneous Manufacturing**	1,009	43,086	22,185	65,271	557,071	2,118,426	319,409	358,037	1,166,099	990,942	63,248
	TOTAL MANUFACTURING	36,849	876,592	299,567	1,176,159	10,531,450	44,822,514	6,986,154	8,003,930	26,607,831	19,237,468	1,550,604

(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 – SUMMARY OF OPERATIONS

State or Territory	Year	No. of estab. operating at end of year	Persons employed – Average over whole year (a)			Wages and salaries	Turnover	Stocks		Purchases transfers in and selected expenses	Value added	Fixed capital expenditure (b)
			Males	Females	Total			Opening	Closing			
			No.	No.	No.	$m	$m	$m	$m	$m	$m	$m
New South Wales	1973-74	13,809	371,364	144,857	516,221	2,841.9	11,932.5	1,675.0	2,061.5	7,134.6	5,184.5	433.8
	1974-75(c)	10,134	348,638	129,544	478,182	3,365.4	13,237.8	2,052.5	2,529.2	7,815.1	5,899.5	518.2
	1975-76(c)	10,329	333,322	120,405	453,727	3,670.3	14,555.1	2,532.2	2,679.7	8,331.2	6,371.4	416.3
	1976-77(c)	10,007	324,957	113,610	438,567	4,024.4	16,427.8	2,669.8	3,056.4	9,596.5	7,217.9	499.5
Victoria	1973-74	12,070	320,921	148,917	469,838	2,524.1	10,669.3	1,552.5	1,915.2	6,486.2	4,545.8	418.1
	1974-75(c)	8,924	302,234	130,617	432,851	2,961.3	11 729.7	1,919.4	2,344.2	7,031.5	5,122.9	454.8
	1975-76(c)	8,873	291,736	125,371	417,107	3,286.6	13,220.3	2,364.0	2,472.4	7,563.9	5,764.9	462.1
	1976-77(c)	8,746	289.006	120,459	409,465	3,655.8	15,046.6	2,451.5	2,744.4	8,704.9	6,634.7	495.0
Queensland	1973-74	4,290	93,777	24,783	118,560	596.4	3,260.9	337.3	396.9	2,100.3	1,220.2	118.6
	1974-75(c)	3,008	90,202	22,220	112,422	733.7	4,033.7	394.7	502.8	2,541.7	1,600.2	185.3
	1975-76(c)	3,122	92,289	21,936	114,225	874.1	4,564.2	504.1	591.0	2,851.1	1,800.1	216.0
	1976-77(c)	3,010	91,230	21,729	112,959	979.1	5,264.0	580.0	692.1	3,380.4	1,995.7	225.4
South Australia	1973-74	2,984	98,721	29,449	128,170	665.3	2,662.3	404.2	502.5	1,650.8	1,109.7	112.2
	1974-75(c)	2,131	94,275	26,966	121,241	796.8	3,003.0	494.9	634.5	1,807.2	1,335.3	137.5
	1975-76(c)	2,287	90,272	25,833	116,105	871.6	3,460.6	638.2	675.6	2,012.3	1,485.7	140.5
	1976-77(c)	2,251	90,110	25,489	115,599	982.3	3,776.5	683.3	794.8	2,287.5	1,600.5	153.9
Western Australia	1973-74	2,818	54,402	13,482	67,884	346.9	1,741.0	190.5	223.6	1,115.7	658.4	87.0
	1974-75(c)	1,974	53,207	12,645	65,852	434.3	2,032.4	217.8	297.0	1,331.8	779.8	102.8
	1975-76(c)	2,054	53,696	12,257	65,953	508.9	2,432.7	298.2	353.8	1,543.7	944.5	157.8
	1976-77(c)	2,034	54,319	12,407	66,726	594.5	2,884.3	351.8	430.1	1,809.1	1,153.6	133.9
Tasmania	1973-74	935	25,203	6,324	31,527	161.4	818.0	117.5	134.5	494.8	340.3	24.8
	1974-75(c)	628	23,699	5,153	28,852	194.9	905.7	134.9	190.1	558.6	402.3	53.1
	1975-75(c)	667	22,827	4,926	27,753	211.3	1,029.6	200.9	204.8	577.4	456.0	43.9
	1976-77(c)	628	23,056	4,737	27,793	246.5	1,196.7	203.8	222.2	693.8	531.3	34.5
Northern Territory	1973-74	102	2,114	336	2,450	18.0	87.0	16.6	26.0	45.8	50.6	18.1
	1974-75(c)	68	1,788	289	2,077	19.5	94.9	17.6	34.1	70.2	41.2	(d)–10.3
	1975-76(c)	69	1,721	315	2,036	20.6	127.1	34.3	35.9	82.9	45.8	7.0
	1976-77(c)	68	1,361	254	1,615	17.7	123.7	35.4	42.5	84.1	46.7	4.2
Australian Capital Territory	1973-74	135	2,836	893	3,729	22.4	75.6	5.5	8.2	38.7	39.7	2.9
	1974-75(c)	104	2,773	899	3,672	27.0	94.6	8.9	10.3	46.7	49.2	4.3
	1975-76(c)	106	2,660	874	3,534	29.1	95.7	9.3	10.2	43.9	52.7	8.0
	1976-77(c)	105	2,553	882	3,435	31.2	102.8	10.7	11.4	46.5	57.1	4.1
Australia	1973-74	37,143	969,338	369,041	1,338,379	7,176.4	31,246.7	4,299.1	5,268.5	19,067.0	13,149.1	1,215.5
	1974-75(c)	26,971	916,816	328,333	1,245,149	8,532.9	35,131.8	5,240.7	6,542.2	21,202.8	15,230.4	1,445.7
	1975-76(c)	27,507	888,523	311,917	1,200,440	9,472.4	39,485.3	6,581.1	7,023.3	23,006.5	16,921.0	1,451.7
	1976-77(c)	26,849	876,592	299,567	1,176,159	10,531.5	44,822.5	6,986.2	8,003.9	26,602.8	19,237.5	1,550.6

(a) Includes working proprietors. (b) Outlay on fixed tangible assets less disposals. (c) All manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed (see paragraph 6 and 7 of Explanatory Notes). (d) Figure affected by sales of fixed tangible assets under lease back arrangements.

TABLE 3. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY GROUP, AUSTRALIA, 1976-77

ASIC code	*Industry group*	*No. of estab. operating at 30 June 77*	*Persons employed – End of June 1977 (b)*			*Wages and salaries*
			Males	*Females*	*Total*	
			No.	No.	No.	$'000
	Food, Beverages and Tobacco					
211	Meat Products	93	139	44	183	445
212	Milk Products	27	37	22	59	116
213	Fruit & Vegetable Products	12	20	7	27	64
214	Margarine & Oils & Fats Nec.	4	Not available for publication; included with sub-division 21-22 'Food,beverages and tobacco'			
215	Flour Mill & Cereal Food Products	17	22	18	40	96
216	Bread, Cakes & Biscuits	274	398	250	648	1,524
217	Sugar	107	155	65	220	602
218	Other Food Products	144	231	86	317	818
219	Beverages & Malt	1	Not available for publication; included with sub-division 21-22 'Food, beverages and tobacco'			
221	Tobacco Products					
21-22	**Total Food, Beverages & Tobacco**	**679**	**1,011**	**494**	**1,505**	**3,695**
	Textiles					
231-232	Textiles, Yarns & Woven Fabrics	64	76	56	132	435
233	Other Textile Products	133	171	108	279	684
23	**Total Textiles**	**197**	**247**	**164**	**411**	**1,120**
	Clothing & Footwear					
241	Knitting Mills	54	51	64	115	346
242	Clothing	397	302	492	794	2,118
243	Footwear	60	83	43	126	272
24	**Total Clothing & Footwear**	**511**	**436**	**599**	**1,035**	**2,736**
	Wood, Wood Products & Furniture					
251	Wood & Wood Products	1,491	2,577	434	3,011	7,411
252	Furniture & Mattresses	1,018	1,475	433	1,908	3,595
25	**Total Wood, Wood Products & Furniture**	**2,509**	**4,052**	**867**	**4,919**	**11,005**
	Paper & Paper Products, Printing					
261	Paper & Paper Products	31	34	31	65	158
262	Printing & Publishing	1,076	1,418	763	2,181	6,914
26	**Total Paper & Paper Products, Printing**	**1,107**	**1,452**	**794**	**2,246**	**7,070**
	Chemical, Petroleum & Coal Products					
271	Basic Chemicals	30	Not available for publication; included with sub-division 27 'Chemical, petroleum and coal products'			
272	Other Chemical & Related Products	191	259	114	373	1,368
273	Petroleum Refining	..	..	..	..	..
274	Petroleum & Coal Products Nec	2	Not available for publication; included with sub-division 27 'Chemical, petroleum and coal products'			
27	**Total Chemical, Petroleum & Coal Products**	**223**	**315**	**126**	**441**	**1,671**
	Non-Metallic Mineral Products					
281	Glass & Glass Products	28	41	12	53	154
282	Clay Products	77	93	52	145	252
283	Cement & Concrete Products	210	378	68	446	1,712
284	Other Non-Metallic Mineral Products	109	188	35	223	729
28	**Total Non-Metallic Mineral Products**	**424**	**700**	**167**	**867**	**2,845**

For footnotes see end of table.

TABLE 3. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH LESS THAN FOUR PERSONS EMPLOYED (a) SUMMARY OF OPERATIONS BY INDUSTRY GROUP, AUSTRALIA, 1976-77 – *continued*

ASIC code	*Industry group*	*No. of estab. operating at 30 June 77*	*Persons employed – End of June 1977 (b)*			*Wages and salaries*
			Males	*Females*	*Total*	
			No.	No.	No.	$'000
	Basic Metal Products					
291	Basic Iron & Steel	46	74	13	87	231
292-293	Non-Ferrous Metal Basic Products	49	91	15	106	532
29	**Total Basic Metal Products**	**95**	**165**	**28**	**193**	**763**
	Fabricated Metal Products					
311	Fabricated Structural Metal Products	602	1,083	204	1,287	4,202
312	Sheet Metal Products	271	462	106	568	1,810
313	Other Fabricated Metal Products	966	1,500	383	1,883	5,144
31	**Total Fabricated Metal Products**	**1,839**	**3,045**	**693**	**3,738**	**11,155**
	Transport Equipment					
321	Motor Vehicles & Parts	293	513	103	616	1,682
322	Other Transport Equipment	257	431	86	517	1,606
32	**Total Transport Equipment**	**550**	**944**	**189**	**1,133**	**3,286**
	Other Machinery & Equipment					
331	Photographic Professional & Scientific Equipment	130	182	73	255	791
332	Appliances & Electrical Equipment	372	546	202	748	2,249
333	Industrial Machinery & Equipment	964	1,534	378	1,912	6,652
33	**Total Other Machinery & Equipment**	**1,466**	**2,262**	**653**	**2,915**	**9,690**
	Miscellanous Manufacturing					
341	Leather & Leather Products	181	218	117	335	533
342	Rubber Products	16	32	4	36	205
343	Plastic & Related Products	264	410	153	563	1,855
344	Other Manufacturing	978	1,335	495	1,830	3,565
34	**Total Miscellanous Manufacturing**	**1,439**	**1,995**	**769**	**2,764**	**6,157**
	TOTAL MANUFACTURING 1976-77	**11,039**	**16,624**	**5,543**	**22,167**	**61,192**
	1975-76	**10,307**	**15,361**	**5,185**	**20,546**	**52,497**

(a) See paragraphs 6 and 7 of Explanatory Notes. (b) Including working proprietors.

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

INDUSTRY CLASS	ASIC CODE
Agricultural machinery and equipment	3331
Aircraft building and repair	3224
Alcoholic beverages n.e.c.	2195
Alumina	2923
Ammunition, explosives and fireworks	2721
Architectural aluminium products	3112
Architectural metal products n.e.c.	3113
Asbestos cement products	2835
Bacon, ham and smallgoods	2113
Batteries	3325
Beer	2192
Biscuits	2163
Blinds and awnings (except textile, bamboo or cane)	3136
Boat building and repair	3222
Boiler and plate work	3114
Bread	2161
Brooms and brushes	3443
Butter	2122
Cakes and pastries	2162
Canned and preserved fruit products	2131
Canned and preserved vegetable products	2132
Canvas products and associated textile products n.e.c.	2333
Cardigans and pullovers	2412
Casings of animal origin	2114
Cement	2831
Ceramic construction goods (except vitreous china or porcelain)	2822
Cereal foods, prepared flour and baking mixes	2153
Cheese	2123
Chemical fertilisers	2711
Chemical products n.e.c.	2728
China and other ceramic goods n.e.c.	2823
Clay bricks and clay refractories	2821
Clothing n.e.c. and clothing trade services	2428
Commercial and industrial space heating and air conditioning equipment	3336
Commercial and job printing (including stationery and bookbinding)	2622
Concrete pipes	2833
Concrete products (except pipes)	2834
Confectionery, chocolate and cocoa products	2181
Construction and earthmoving machinery and equipment	3332
Corrugated fibreboard containers	2614
Cosmetics and toilet preparations	2726
Cotton ginning	2311
Cotton, silk and flax yarns and broadwoven fabrics	2316
Cutlery, industrial knives and hand tools (except power operated)	3131
Dies, saw blades and machine tool accessories	3337

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

INDUSTRY CLASS	ASIC CODE
Electric and telephone cable, wire and strip	3324
Electrical machinery, equipment and supplies n.e.c.	3326
Fabricated metal products n.e.c.	3137
Fabricated structural steel	3111
Felt and felt products	2332
Flexible packaging and packaging materials (except paper), adhesive tapes and abrasive coated papers	3431
Flour mill products	2151
Food processing machinery	3338
Food products n.e.c.	2184
Footwear n.e.c.	2432
Foundation garments	2426
Fresh and frozen poultry	2112
Fresh, preserved and canned meat (including tallow, meals and fertilisers of animal origin)	2111
Furniture (except sheet metal)	2521
Glass bottles and jars	2812
Glass products n.e.c.	2813
Hard surface floor coverings n.e.c.	3433
Headwear	2427
Hosiery	2411
Household textiles (except floor coverings)	2322
Ice cream and other frozen confections	2124
Industrial gases	2712
Industrial machinery and equipment n.e.c.	3339
Inks	2727
Inorganic industrial chemicals n.e.c.	2715
Iron ore pelletising and metallising	2911
Iron and steel basic products	2912
Iron and steel castings and forgings	2913
Jewellery and silverware	3442
Joinery and wooden structural fittings	2514
Knitted goods n.e.c.	2413
Leather and leather substitute products n.e.c.	3412
Leather tanning and finishing, fur dressing and dyeing	3411
Liquid milk and cream	2121
Log sawmilling	2511

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

INDUSTRY CLASS	ASIC CODE
Malt	2193
Man-made fibre broadwoven fabrics	2315
Man-made fibres and yarns	2314
Manufacturing n.e.c.	3447
Margarine and oils and fats n.e.c.	2140
Materials handling equipment	3333
Mattresses (except rubber or wire)	2522
Measuring apparatus and professional and scientific equipment and supplies n.e.c.	3312
Mens and boys suits and coats; waterproof clothing	2424
Mens and boys trousers and shorts; work clothing	2423
Metal cans, canisters and containers	3121
Metal coating and finishing	3134
Milk products n.e.c.	2125
Motor vehicle instruments, heaters and electrical equipment (except batteries)	3213
Motor vehicle parts and accessories n.e.c.	3214
Motor vehicles	3211
Narrow woven fabrics (including broadwoven elastic or elastomeric fabrics)	2319
Non-ferrous metal castings	2929
Non-metallic mineral products n.e.c.	2843
Nuts, bolts, screws and rivets	3133
Ophthalmic articles	3441
Organic industrial chemicals n.e.c.	2714
Paints, varnishes, and lacquers	2722
Paper bags (including textile bags)	2612
Paper products n.e.c.	2615
Pest control and agricultural chemical products n.e.c.	2724
Petroleum and coal products n.e.c.	2740
Petroleum refining	2730
Pharmaceutical and veterinary products	2723
Photographic equipment and supplies, optical instruments and film processing	3311
Plaster products	2841
Plastic products n.e.c.	3434
Plastics materials, synthetic resins and synthetic rubber	2713
Plate and sheet glass	2811
Plywood, veneers and manufactured boards of wood	2513
Prepared animal and bird foods	2183
Preserved and canned fish and other seafoods	2182
Printing trade services n.e.c.	2623
Publishing (including printing and publishing)	2621
Pulp, paper and paperboard	2611
Pumps, pumping equipment and air and gas compressors	3335

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

INDUSTRY CLASS	ASIC CODE
Railway locomotives and rolling stock manufacture and repair	3223
Raw sugar	2171
Ready mixed concrete	2832
Refined sugar	2172
Refrigerators and household appliances	3322
Resawn and dressed timber	2512
Rigid plastic sheeting	3432
Rolling, drawing and extruding of aluminium	2927
Rolling, drawing and extruding of non-ferrous metals n.e.c.	2928
Rope, cordage and twine	2334
Rubber footwear	2431
Rubber products n.e.c.	3422
Rubber tyres, tubes, belting, hose and sheeting	3421
Scoured and carbonised wool	2312
Secondary recovery and alloying of non-ferrous metals n.e.c.	2931
Sheet metal furniture and storage equipment	3122
Sheet metal products n.e.c.	3123
Ship building and repair	3221
Signs and advertising displays	3444
Smelting of aluminium	2924
Smelting and refining of copper	2921
Smelting and refining of nickel	2925
Smelting and refining of non-ferrous metals n.e.c.	2926
Smelting and refining of silver, lead and zinc	2922
Soap and other detergents	2725
Soft drinks, cordials and syrups	2191
Solid fibreboard containers	2613
Sporting equipment	3445
Springs and wire products	3132
Starch, gluten and starch sugars	2152
Steam, gas and water fittings (non-ferrous metal)	3135
Steel pipes and tubes	2914
Stone products	2842
Television sets, radios, communication and other electronic equipment	3321
Textile finishing	2321
Textile floor coverings	2331
Textile products n.e.c.	2335
Tobacco products	2210
Transport equipment n.e.c.	3225
Truck and bus bodies, trailers and caravans	3212
Underwear, nightwear, mens and boys shirts and infants and babies clothing n.e.c.	2425

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

INDUSTRY CLASS	ASIC CODE
Water heating systems	3323
Wine and brandy	2194
Womens and girls blouses and frocks	2421
Womens and girls outerwear n.e.c.	2422
Wood, cork, bamboo and cane products n.e.c.	2516
Wooden containers	2515
Woodworking and metal-working machinery and equipment	3334
Wool and man-made fibre tops	2313
Woollen yarns and broadwoven fabrics	2318
Worsted yarns and broadwoven fabrics	2317
Writing and marking equipment	3446

END