



AUSTRALIAN BUREAU OF STATISTICS

CANBERRA

**MANUFACTURING
ESTABLISHMENTS
DETAILS OF OPERATIONS
BY INDUSTRY CLASS
AUSTRALIA**

1982-83

CATALOGUE NO. 8203.0

EMBARGOED UNTIL 11.30 A.M. 14 DECEMBER 1984

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AUSTRALIA
1982-83**

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AUSTRALIAN BUREAU OF STATISTICS

CATALOGUE NO. 8203.0

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EXPLANATORY NOTES

Introduction

This publication presents statistics compiled from the census of manufacturing establishments for 1982-83 and some comparative statistics relating to preceding years.

2. The annual manufacturing census is conducted as a component of the ABS's integrated economic statistics system. This system has been developed so that data from each industry sector conform to the same basic conceptual standards (thereby allowing comparative analysis between and across different industry sectors. The results of this census are therefore comparable with economic data collections undertaken annually for the mining, electricity and gas industries, and periodically for the wholesale trade, retail trade and construction industries.

3. Manufacturing, as specified in Division C of the Australian Standard Industrial Classification (ASIC), broadly relates to the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand.

4. 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.

5. In accordance with the ASIC the basic census unit (referred to as the establishment) in respect of which statistics are collected in integrated economic censuses is in general a unit covering all the operations carried on under the ownership of one enterprise (business) at a single physical location. For manufacturing censuses, a manufacturing establishment is thus predominantly engaged in manufacturing activities, but the data collected for it cover (subject to the exception 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 manufacturing 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 relates to locations where the subsidiary activities exceed a specified value (\$3.8 million for 1982-83) in terms of sales and transfers out of goods and services during the year; these locations are treated for statistical purposes as two or more establishments corresponding to the various kinds of activity carried on.

6. 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 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.

7. The full range of data is collected from all manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed. Tables 1 to 12 relate to statistics for these establishments. Employment and wages and salaries data only are collected from single establishment manufacturing enterprises with fewer than four persons employed, for which statistics are shown in Table 13. These small enterprises contribute only marginally to statistical aggregates other than number of establishments.

8. The classification of census units to industry is based on the 1978 edition of the ASIC.

Definitions

9. 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.

Establishments at 30 June (see paragraph 10). The number of establishments in operation at 30 June relates to manufacturing establishments as such and does not include the numbers of separately located administrative offices and ancillary units.

Employment. 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 excluded.

Turnover (see paragraph 11). 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 from outside the enterprise (such as commission, repair and service revenue, rent, leasing and hiring revenue), plus capital work done for own use, or for rental or lease. Receipts from interest, royalties, dividends, and the sale of fixed tangible assets are excluded.

Stocks-Opening and Closing. 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 (see paragraph 11). Purchases of materials, fuels, power, containers, etc. and goods for resale, 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 and rent, leasing and hiring expenses.

Value added (see paragraph 12). Turnover, plus increase (or less decrease) in the value of stocks, less purchases, transfers in and selected expenses.

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

10. Year to year changes in number of establishments should be interpreted with care as they may reflect merely the movement of marginal small single establishment enterprises between the categories of informants described in paragraph 7 above. The effects of such movements on any of the other statistical aggregates are insignificant.

11. 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 price. 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.

12. While value added is the basic measure of an industry's contribution to total production it cannot 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, 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. Value added as calculated in this publication 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.

Related Publications

13. Information from the 1982-83 census of manufacturing establishments has been published in:

Annual Manufacturing Census Publications—

Census of Manufacturing Establishments, Preliminary Statement, Summary of Operations by Industry Subdivision, Australia, 1982-83 (8201.0) which includes details of employment, wages and salaries, turnover, stocks, purchases, value added and capital expenditure classified by industry subdivision.

Manufacturing Establishments, Summary of Operations by Industry Class, Australia, 1982-83 (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, Australia, 1982-83 (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.

14. The remaining publications for Australia which will contain results of the 1982-83 census of manufacturing establishments are:

Manufacturing Establishments, Selected Items of Data Classified by Industry and Employment Size, Australia, 1982-83 (8204.0) which includes details of employment, wages and salaries, turnover and value added (which have appeared in earlier publications) classified by industry class and employment size.

Censuses of Manufacturing and Electricity and Gas Establishments, Industry Concentration Statistics, Australia, 1982-83 (8207.0).

Manufacturing Commodities, Principal Articles Produced, Australia, 1982-83 (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.

15. Other publications which may be of interest are:

Publications issued monthly or quarterly—

Production Statistics, Australia (Preliminary) (8301.0) includes details of the production (quantity) of some 31 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 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 700 in all).

Quarterly Indexes of Manufacturing Production, Australia (5219.0)

Price Indexes of Articles Produced by Manufacturing Industry, Australia (6412.0)—issued monthly

Price Index of Materials Used in Manufacturing Industry, Australia (6411.0)—issued monthly

Publications issued annually—

Enterprise Statistics, Details by Industry Class, Australia, 1981-82 (8103.0)

Electricity and Gas Establishments, Details of Operations, Australia, 1982-83 (8208.0)

Constant Price Estimates of Manufacturing Production, Australia, 1981-82 (8211.0)

Other publications—

Manufacturing Commodities, Principal Materials Used, Australia, 1977-78 (8210.0)

16. In addition to the publications listed above, more information at the State level may be available from each State office of the ABS.

17. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0).

The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The *Catalogue* and *Publications Advice* are available from any ABS office.

Symbols and other usages

- nil or rounded to zero
- n.p. not available for publication but included in totals where applicable
- 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.

The figures shown for 1980-81 and 1981-82 have been revised where necessary and as a consequence may not agree with similar data shown in previous publications. Details of industry classes for which revisions have been made can be obtained from the ABS.

MANUFACTURING ESTABLISHMENTS: AUSTRALIA, 1982-83

The annual manufacturing census includes all manufacturing establishments in Australia. For collection purposes, these establishments are classified into two categories.

Category A-All manufacturing establishments of multi-establishment enterprises and those single establishment manufacturing enterprises with four or more persons employed.

Category B-Single establishment manufacturing enterprises with fewer than four persons employed.

For details of the range of data collected from each category refer to paragraph 7 of the explanatory notes. The relative contribution to manufacturing statistics by these establishments is shown below.

CHART 1. NUMBER OF ESTABLISHMENTS AT 30 JUNE 1983

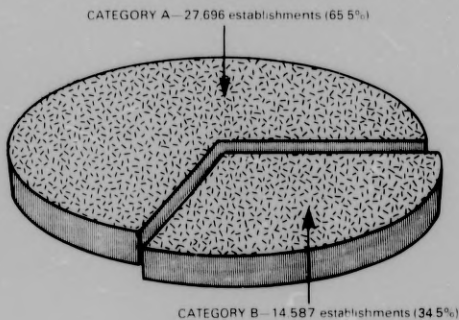
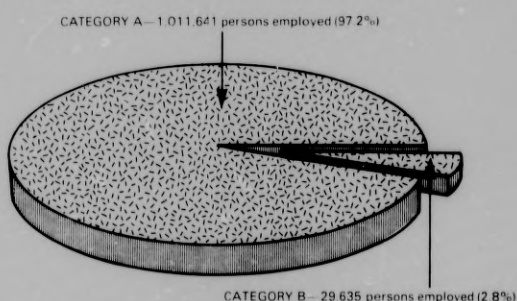


CHART 2. PERSONS EMPLOYED (INCLUDING WORKING PROPRIETORS) AT 30 JUNE 1983



The information in the following charts (numbers 3 to 20) inclusive, relates to Category A establishments only.

Unless otherwise indicated values are expressed at current prices (i.e. they relate to values reported for the relevant census period).

MANUFACTURING ESTABLISHMENTS: AUSTRALIA 1978-79 TO 1982-83
 (Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 3. TURNOVER AND VALUE ADDED AT CURRENT AND CONSTANT (AVERAGE 1979-80) PRICES

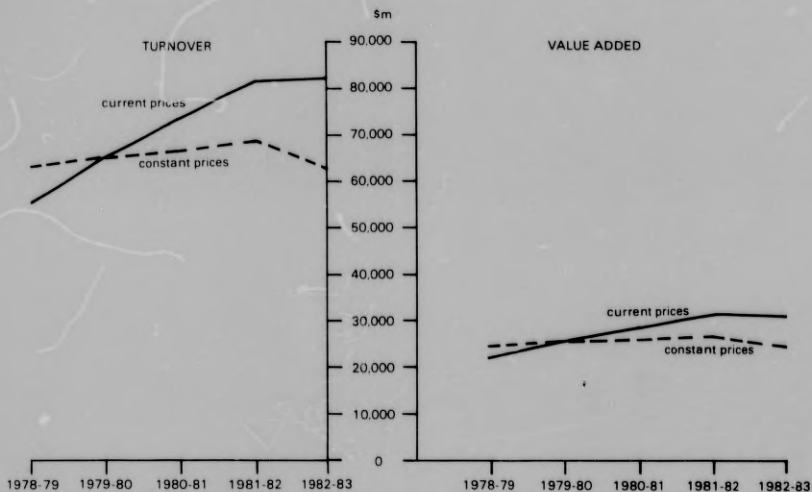
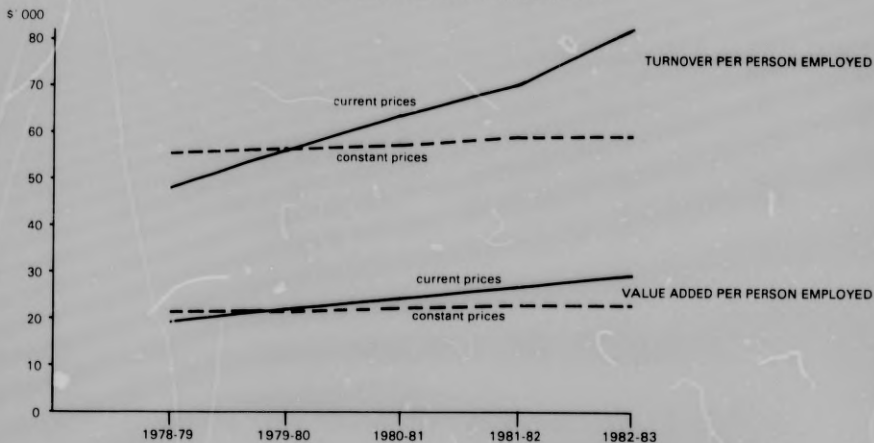


CHART 4. TURNOVER AND VALUE ADDED PER PERSON EMPLOYED (AVERAGE OVER WHOLE YEAR) AT CURRENT AND CONSTANT (AVERAGE 1979-80) PRICES
 (Note: Persons employed includes working proprietors)



MANUFACTURING ESTABLISHMENTS: AUSTRALIA 1978-79 TO 1982-83
 (Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 5. PERSONS EMPLOYED (AVERAGE OVER WHOLE YEAR) AND WAGES AND SALARIES PAID

(Note: Persons employed includes working proprietors, but wages and salaries paid excludes drawings by working proprietors.
 For average wages and salaries paid per employee, see Chart 6)



CHART 6. AVERAGE WAGES AND SALARIES PAID PER EMPLOYEE

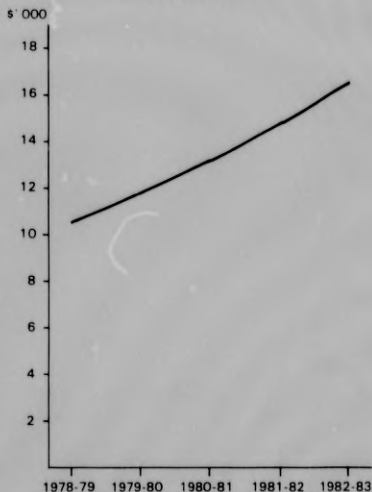
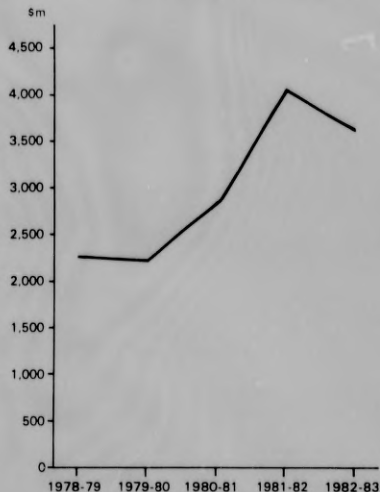


CHART 7. FIXED CAPITAL EXPENDITURE LESS DISPOSALS



**MANUFACTURING ESTABLISHMENTS :
CONTRIBUTION OF INDUSTRY SUBDIVISIONS TO MANUFACTURING SECTOR TOTALS
AUSTRALIA 1978-79 AND 1982-83**

(Note: Excludes single establishment enterprises employing fewer than four persons)

ASIC Code	Industry Sub-Division	ASIC Code	Industry Sub-Division
21	Food, beverages and tobacco	28	Non metallic mineral products
23	Textiles	29	Basic metal products
24	Clothing and footwear	31	Fabricated metal products
25	Wood, wood products and furniture	32	Transport equipment
26	Paper, paper products, printing and publishing	33	Other machinery and equipment
27	Chemical, petroleum and coal products	34	Miscellaneous manufacturing

CHART 8. PERSONS EMPLOYED (AVERAGE OVER WHOLE YEAR INCLUDING WORKING PROPRIETORS)

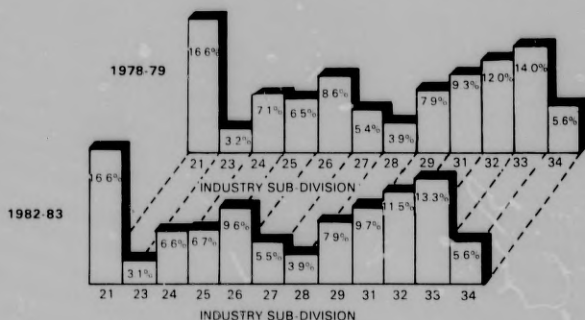
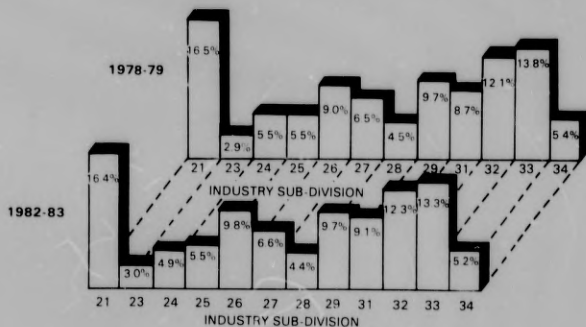


CHART 9. WAGES AND SALARIES PAID (EXCLUDING DRAWINGS BY WORKING PROPRIETORS)



**MANUFACTURING ESTABLISHMENTS :
CONTRIBUTION OF INDUSTRY SUBDIVISIONS TO MANUFACTURING SECTOR TOTALS
AUSTRALIA 1978-79 AND 1982-83**

(Note: Excludes single establishment enterprises employing fewer than four persons)

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27	Chemical, petroleum and coal products	34	Miscellaneous manufacturing

CHART 10. TURNOVER

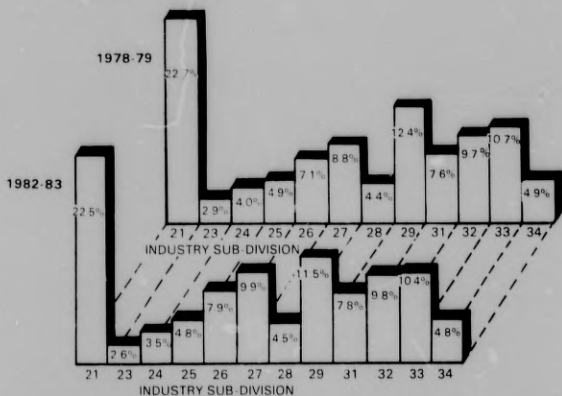
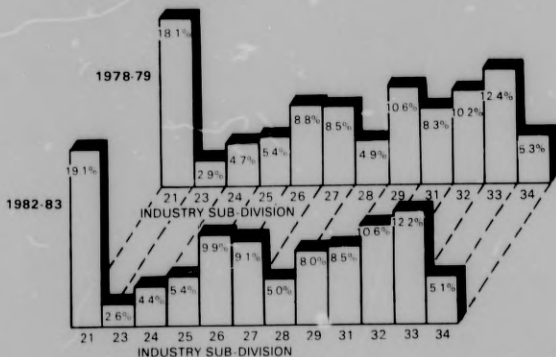


CHART 11. VALUE ADDED



MANUFACTURING ESTABLISHMENTS: CONTRIBUTION OF STATES AND TERRITORIES TO AUSTRALIAN TOTALS FOR MANUFACTURING SECTOR 1982-83
 (Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 12. PERSONS EMPLOYED (AVERAGE OVER WHOLE YEAR INCLUDING WORKING PROPRIETORS)

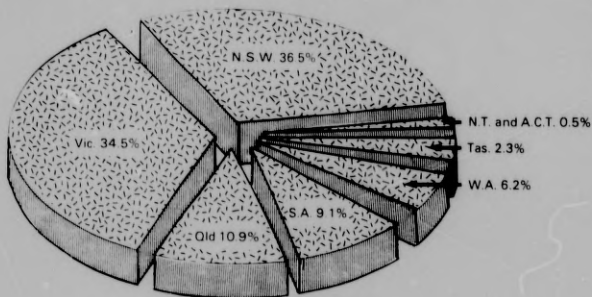
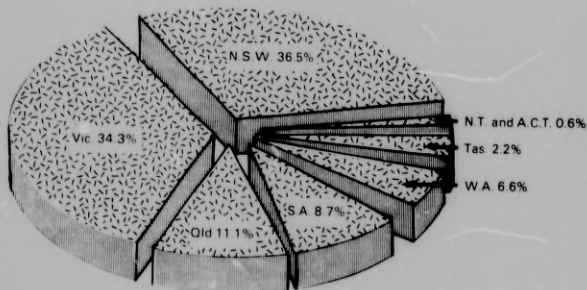
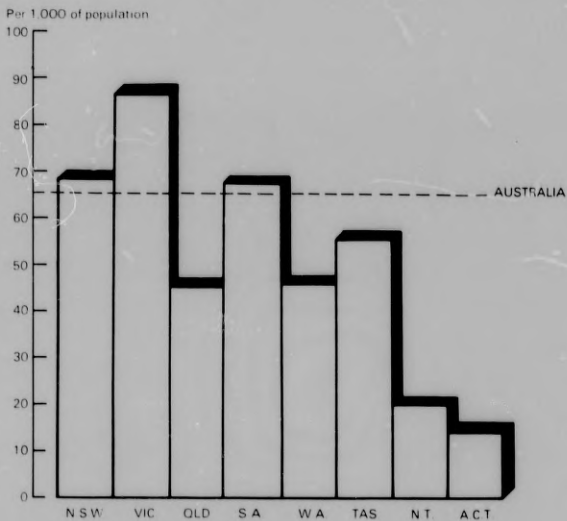


CHART 13. VALUE ADDED



MANUFACTURING ESTABLISHMENTS: AUSTRALIA, AT 30 JUNE 1983
(Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 14. PERSONS EMPLOYED(a) IN MANUFACTURING ESTABLISHMENTS PER 1,000 OF POPULATION, AUSTRALIA, STATE AND TERRITORIES



MANUFACTURING ESTABLISHMENTS: AUSTRALIA, 1982-83
 (Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 15. TYPE OF EMPLOYMENT (AT 30 JUNE)
 (See Table 2)

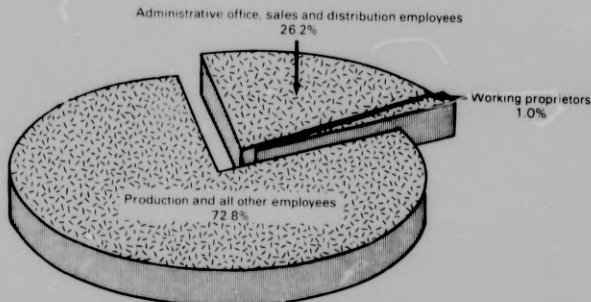


CHART 16. WAGES AND SALARIES PAID (EXCLUDING DRAWINGS BY WORKING PROPRIETORS)
 (See Table 4)

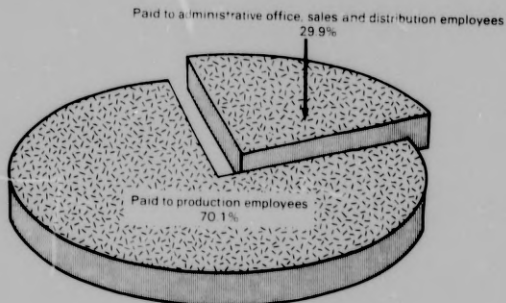
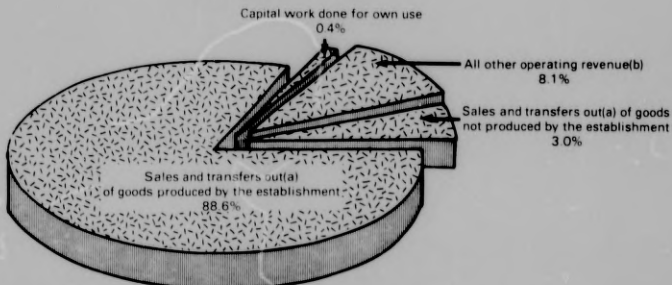


CHART 17. COMPONENTS OF TURNOVER
 (See Table 5)



(a) Transfers out to other establishments of the same enterprise

(b) Includes bounties and subsidies on production, imputed commission for work done or sales carried out on behalf of other establishments of the same enterprise. Excludes interest, royalties, dividends and receipts from sales of fixed assets

MANUFACTURING ESTABLISHMENTS: AUSTRALIA, 1982-83
 (Note: Excludes single establishment enterprises employing fewer than four persons)

CHART 18. CLOSING STOCKS BY STAGE OF PROCESSING
 (See Table 6)

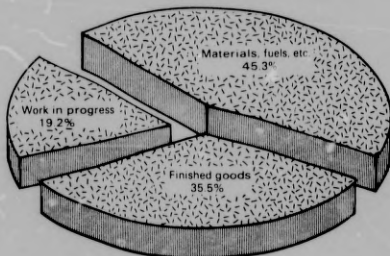
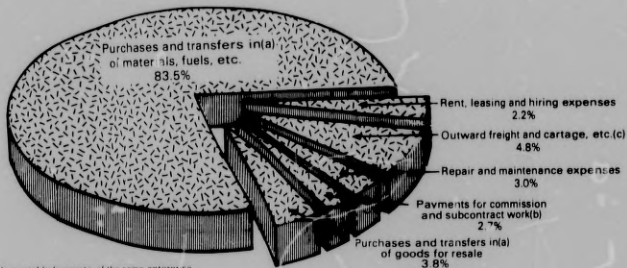


CHART 19. PURCHASES, TRANSFERS IN AND SELECTED EXPENSES
 (See Table 7)



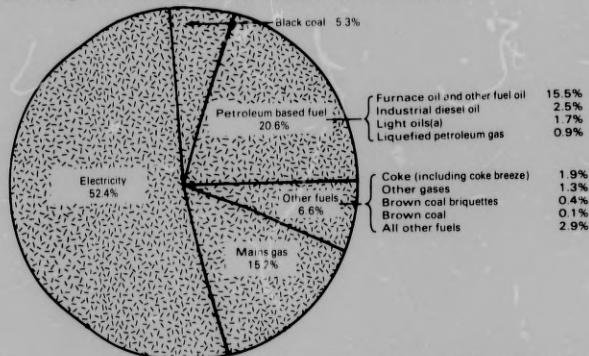
(a) Transfers in from other establishments of the same enterprise

(b) Includes imputed commission charges for work done by other establishments of the same enterprise

(c) Includes motor vehicle running expenses, sales commission payments and imputed charges for sales carried out by other establishments of the same enterprise

CHART 20. USAGE OF ELECTRICITY AND FUELS
 (See Table 9)

(Note: Excludes the usage of electricity and fuels produced and used in the same establishment)



(a) Light oils for heating and burning (kerosene, heating oil, motor spirit, automotive distillate, etc.) excludes fuels used in motor vehicles

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES AND SALARIES	TURNOVER	STOCKS		PURCHASES TRANSFERS IN AND SELECTED EXPENSES	VALUE ADDED	FIXED CAPITAL EXPENDITURE LESS DISPOSALS
		AT 30 JUNE (B)	WHOLE YEAR (C)			(D)		OPENING	CLOSING			
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
MANUFACTURING												
FOOD, BEVERAGES & TOBACCO												
MEAT PRODUCTS												
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	439	29295	5207	34502	571928	3337662	176103	171156	2398823	933892	24253
2116	POULTRY	113	3239	3778	7017	92987	674743	42208	55767	521795	166507	12310
2117	BACON, HAM & SMALLGOODS NEC	128	5128	2461	7589	110551	736488	51395	55366	546757	193703	17195
211	TOTAL MEAT PRODUCTS	680	37662	11446	49108	775467	4748893	269705	282289	3467375	1294102	53750
MILK PRODUCTS												
2121	LIQUID MILK & CREAM	117	5941	1147	7088	120080	1262731	35290	37580	1024826	240195	22100
2122	BUTTER	29	1593	222	1815	31710	420519	35467	49264	386817	47499	4809
2123	CHEESE	62	2934	859	3793	63972	629677	99916	132666	508594	153832	11943
2124	ICE CREAM & FROZEN CONFECTIONS	35	1609	1029	2638	44390	253112	12601	16257	146911	109857	5330
2125	MILK PRODUCTS NEC	18	1592	393	1985	39162	263384	23900	28525	206845	61163	8869
212	TOTAL MILK PRODUCTS	261	13669	3650	17319	299313	2829423	207175	264291	2273993	612546	53051
FRUIT & VEGETABLE PRODUCTS												
2131	FRUIT PRODUCTS	99	3251	1454	4705	75613	534487	91595	98040	390111	150822	8100
2132	VEGETABLE PRODUCTS	67	4027	2473	6500	111668	550776	113975	124395	336831	224365	18221
213	TOTAL FRUIT & VEGETABLE PRODUCTS	166	7278	3927	11205	187281	1085263	205569	222435	726942	375187	26321
2140	MARGARINE & OILS & FATS NEC	32	1984	444	2428	48427	563061	67937	72929	398718	169336	16852
FLOUR MILL AND CEREAL FOOD PRODUCTS												
2151	FLOUR MILL PRODUCTS	47	1882	246	2128	36512	437803	16965	27797	330603	118033	3801
2152	STARCH, GLUTEN & STARCH SUGARS	11	650	83	733	14789	114544	9955	10228	87205	27613	3866
2153	CEREAL FOODS & BAKING MIXES	67	3156	1288	4444	73836	514015	114564	104599	309239	194811	21989

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER WHOLE YEAR (C)			WAGES AND SALARIES (D)	TURNOVER	STOCKS		PURCHASES TRANSFERS IN AND SELECTED EXPENSES	VALUE ADDED	FIXED CAPITAL EXPEN DITURE LESS DISPOSALS
		AT 30 JUNE (B)	MALES	FEMALES	PERSONS	\$000		\$000	OPENING	CLOSING	\$000	\$000
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	FLOUR MILL AND CEREAL FOOD PRODUCTS											
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	125	5688	1617	7305	125137	1066362	141483	142625	727047	340456	29656
	BREAD, CAKES & BISCUITS											
2161	BREAD	868	10897	5498	16395	213058	765167	13765	15323	426591	340133	23187
2162	CAKES & PASTRIES	286	4164	3745	7909	98455	373560	18727	19303	193140	180996	16826
2163	BISCUITS	37	2953	2967	5920	92863	318598	17325	18856	154406	165722	10456
216	TOTAL BREAD, CAKES AND BISCUITS	1191	18014	12210	30224	404376	1457325	49818	53481	774137	686952	50470
	OTHER FOOD PRODUCTS											
2171	RAW SUGAR	33										
2173	CONFECTIONERY & COCOA PRODUCTS	91	3301	3501	6802	109522	495333	65512	69539	281076	218284	15550
2174	PROCESSED SEAFOODS	105	1551	2283	3834	40124	497481	56850	51485	399725	92391	1782
2175	PREPARED ANIMAL & BIRD FOODS	151	3390	666	4056	70984	967004	71655	77507	761702	211154	19356
2176	FOOD PRODUCTS NEC	197										
217	TOTAL OTHER FOOD PRODUCTS	577	21569	10407	31976	551796	3790558	333159	350653	2623834	1184218	125873
	BEVERAGES & MALT SOFT DRINKS, CORDIALS & SYRUPS											
2185	BEER	166	4538	1290	5828	91624	784798	69938	80309	513776	281393	34111
2186	MALT	20	7751	660	8411	182962	1008522	52893	63623	534309	484944	156797
2187	WINE & BRANDY	21										
2188	ALCOHOLIC BEVERAGES NEC	173	3270	1459	4729	64550	491742	280980	296999	301554	206207	17346
2189		6										
218	TOTAL BEVERAGES & MALT	386	16227	3495	19722	355240	2472330	442482	480831	1485334	1025346	212045
2190	TOBACCO PRODUCTS	6	3045	2206	5251	106606	493759	188077	218758	285786	238654	25990
21	TOTAL FOOD, BEVERAGES & TOBACCO	3424	125136	49402	174538	2853644	18506973	1905405	2088293	12763166	5926695	594015

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES AND	TURNOVER	STOCKS		PURCHASES	VALUE ADDED	FIXED CAPITAL EXPEN DITURE
		AT 30 JUNE (B)	WHOLE YEAR (C)			SALARIES (D)		OPENING	CLOSING	IN AND SELECTED EXPENSES		LESS DISPOSALS
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
TEXTILES												
TEXTILE FIBRES, YARNS AND WOVEN FABRICS												
2341	COTTON GINNING	14	249	49	298	7406	92395	4916	6586	70265	23801	4785
2342	WOOL SCOURING & TOP MAKING	25	1282	301	1583	24963	212652	26266	23788	167052	43122	8009
2343	MAN-MADE FIBRES & YARNS	15	2431	896	3327	75622	117225	34290	30039	73838	39136	3954
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	34	2504	1609	4113	62506	238955	56185	54840	130723	106887	4668
2345	COTTON YARNS & BROADWOVEN FABRICS	32	2186	2278	4464	69425	235340	48113	46650	122267	111610	4808
2346	WORSTED YARNS & BROADWOVEN FABRICS	12	888	1140	2028	27714	95256	18664	19590	54855	41316	1653
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	23	1501	1021	2522	32368	142714	26934	21778	87430	50128	2161
2348	NARROW WOVEN AND ELASTIC TEXTILES	26	523	633	1156	16415	61102	13369	13382	31811	29303	967
2349	TEXTILE FINISHING	62	1550	458	2008	32467	119328	8970	8720	57197	61880	8346
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	243	13114	8385	21499	348887	1314966	237705	225372	795450	507183	39351
OTHER TEXTILE PRODUCTS												
2351	HOUSEHOLD TEXTILES	75	503	1371	1874	22769	112549	24025	23735	81763	30496	2314
2352	TEXTILE FLOOR COVERINGS	36	1970	1226	3196	48749	320555	58151	52817	226299	88921	3780
2353	FELT & FELT PRODUCTS	11	494	207	701	11266	50520	10178	10759	25267	25833	6241
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	187	1540	985	2525	31557	132323	18758	18339	76759	55144	1348
2355	ROPE, CORDAGE AND TWINE	12	327	153	480	7847	28867	8129	7390	14719	13410	-556
2356	TEXTILE PRODUCTS NEC	64	1244	1113	2357	42360	187550	37611	36932	102416	84456	5021
235	TOTAL OTHER TEXTILE PRODUCTS	385	6078	5055	11133	164549	832364	156852	149972	527224	298260	18148
23	TOTAL TEXTILES	628	19192	13440	32632	513436	2147330	394557	375344	1322674	805443	57499

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS				AVERAGE EMPLOYMENT		OVER	WAGES		TURNOVER	STOCKS		PURCHASES		TRANSFERS		FIXED CAPITAL	
		AT 30 JUNE	WHOLE YEAR	(C)	(C)	(C)	(C)	(C)	(C)	(C)		(C)	OPENING	CLOSING	IN AND	IN AND	VALUE ADDED	LESS DISPOSALS	EXPEN DITURE
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	CLOTHING & FOOTWEAR																		
	KNITTING MILLS																		
2441	HOSIERY	32	800	1768	2568	37096	131401	20722	23073	69204	64547	3580							
2442	CARDIGANS & PULLOVERS	146	1162	4009	5171	61541	194984	37156	37747	99573	96000	1976							
2443	KNITTED GOODS NEC	93	1998	2480	4478	60312	309835	59762	57613	196971	110715	3289							
244	TOTAL KNITTING MILLS	271	3960	8257	12217	158948	636219	117640	118432	365748	271263	8844							
	CLOTHING																		
2451	MENS TROUSERS AND SHORTS; WORK CLOTHING	127	1498	6675	8173	98970	351049	68360	59251	182338	159621	2819							
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	107	1349	3454	4803	60468	145663	26391	24767	67119	76920	1288							
2453	WOMENS OUTERWEAR NEC	771	2402	13409	15811	177894	651216	77199	79176	368958	284235	4835							
2454	FOUNDATION GARMENTS	18	280	1756	2036	25805	82478	14946	12660	34398	45793	-958							
2455	UNDERWEAR & INFANTS CLOTHING NEC	215	1510	9663	11173	134140	438446	78527	76067	216738	219248	5921							
2456	HEADWEAR & CLOTHING NEC	248	1102	3204	4306	48394	158501	25984	27090	83171	76436	1794							
245	TOTAL CLOTHING	1486	8141	38161	46302	545671	1827373	291407	279011	952723	862254	15699							
2460	FOOTWEAR	212	4591	6840	11431	142060	453596	69606	67408	230079	221319	4597							
24	TOTAL CLOTHING & FOOTWEAR	1969	16692	53258	69950	846680	2917188	478653	464851	1548550	1354836	29140							
	WOOD, WOOD PRODUCTS & FURNITURE																		
	WOOD & WOOD PRODUCTS																		
2531	LOG SAWMILLING	668	10243	823	11066	139346	533357	87553	88028	249150	284682	11262							
2532	RESAWN & DRESSED TIMBER	178	6679	845	7524	106617	494738	109662	106252	305181	186146	7334							
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	74	3982	718	4700	78668	390349	59481	58437	247117	142187	38475							
2534	WOODEN DOORS	41	970	195	1165	17172	80756	12475	11004	52910	26375	1991							
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY	1166	12820	1887	14707	198246	794866	89104	90666	483469	312960	15756							
2536	WOODEN CONTAINERS	100	1222	163	1385	18648	84331	6484	5906	39229	44523	3766							

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES	TURNOVER	STOCKS		PURCHASES	VALUE ADDED	FIXED
		AT 30	WHOLE YEAR (C)			AND		OPENING	CLOSING	IN AND		LESS
		JUNE	MALES	FEMALES	PERSONS	SALARIES						
(B)	NO.	NO.	NO.	NO.	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	DISPOSALS	
2537	WOOD & WOOD PRODUCTS											
	HARDWOOD WOODCHIPS	12	658	41	699	14293	153458	17781	17295	99581	53390	1573
2538	WOOD PRODUCTS NEC	297	2305	765	3070	36214	138832	20437	20246	74958	63683	1243
253	TOTAL WOOD & WOOD PRODUCTS	2536	38879	5437	44316	609204	2670686	402978	397833	1551595	1113947	81401
2541	FURNITURE & MATTRESSES											
	FURNITURE (EXC SHEET											
	METAL)	1422	19808	4580	24388	306351	1125367	157714	144738	633095	479296	7942
2542	MATTRESSES (EXC RUBBER)	70	1465	862	2327	34564	185764	24122	24615	105969	80288	2429
254	TOTAL FURNITURE & MATTRESSES	1492	21273	5442	26715	340915	1311131	181836	169353	739064	559584	10371
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	4028	60152	10879	71031	950119	3981817	584813	567186	2290659	1673531	91772
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING											
	PAPER & PAPER PRODUCTS											
	PULP, PAPER & PAPERBOARD	21	7739	549	8288	193042	933700	126977	110210	582478	334455	36908
2632	PAPER BAGS (INCL TEXTILE BAGS)	43	1033	699	1732	27493	151084	23685	19514	97984	48929	1436
2633	SOLID FIBREBOARD CONTAINERS	63	2212	856	3068	50864	284991	44693	45745	178206	107838	-1582
2634	CORRUGATED FIBREBOARD CONTAINERS	48	4863	1084	5947	104685	604008	60831	66495	409840	199832	18531
2635	PAPER PRODUCTS NEC	83	2983	1277	4260	71028	368299	60073	60122	214351	153997	23942
263	TOTAL PAPER & PAPER PRODUCTS	258	18830	4465	23295	447113	2342082	316258	302087	1482860	845050	79235
	PRINTING & ALLIED INDUSTRIES											
	PUBLISHING	351	4067	4433	8500	135375	630197	68932	68048	290483	338830	14664
2642	PRINTING & PUBLISHING	243	17451	7084	26535	464902	1343895	127894	119993	540261	795732	37642
2643	PAPER STATIONERY	164	5044	2989	8033	125497	493038	98871	93096	265712	221551	10830
2644	PRINTING & BOOKBINDING	1624	20482	9391	29873	462328	1492039	154904	154297	738876	752555	58068

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES	TURNOVER	STOCKS		PURCHASES	VALUE	FIXED
		AT 30 JUNE (B)	WHOLE YEAR (C)			AND SALARIES (D)		OPENING	CLOSING	IN AND EXPENSES		ADDED
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	PRINTING & ALLIED INDUSTRIES											
2645	PRINTING TRADE SERVICES NEC	269	3453	1045	4498	76206	183236	4813	4914	65375	117962	6234
264	TOTAL PRINTING & ALLIED INDUSTRIES	2651	52497	24942	77439	1264308	4142404	455414	440348	1900706	2226632	127439
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	2909	71327	29407	100734	1711421	6484486	771672	742435	3383566	3071682	206674
	CHEMICAL, PETROLEUM AND COAL PRODUCTS											
	BASIC CHEMICALS											
2751	CHEMICAL FERTILISERS	35	3421	298	3719	72174	684090	138633	154696	560259	139894	36043
2752	INDUSTRIAL GASES	33				N.P. - INCLUDED WITH GROUP 275						18
2753	SYNTHETIC RESINS & RUBBER	66	5096	618	5714	131206	1058719	216834	210124	742627	309382	36028
2754	ORGANIC INDUSTRIAL CHEMICALS NEC	44				N.P. - INCLUDED WITH GROUP 275						
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	69	3464	395	3859	80698	526775	79199	73707	339854	181429	16513
275	TOTAL BASIC CHEMICALS	247	15999	1927	17926	383915	3156915	543682	550944	2219226	944951	163358
	OTHER CHEMICAL PRODUCTS											
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	22	2771	1133	3904	68536	206293	29734	31050	80732	126877	14489
2762	PAINTS	125	4771	1228	5999	110439	582645	85307	93553	371655	219236	9679
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	131	5729	4514	10243	183899	916800	200344	229907	464773	481591	30717
2764	PESTICIDES	30	889	359	1248	20873	265300	66602	74751	181925	91524	4612
2765	SOAP & OTHER DETERGENTS	143	3842	1831	5673	95832	629607	81448	81865	362454	267570	10449
2766	COSMETICS & TOILET PREPARATIONS	57	1750	2633	4383	73506	365106	70645	78767	163569	209660	6452
2767	INKS	30	814	140	954	16875	121711	20436	23236	89876	34635	-21
2768	CHEMICAL PRODUCTS NEC	109	1765	710	2475	42131	270951	45446	47769	173286	99988	4131

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES AND SALARIES	TURNOVER	STOCKS		PURCHASES AND TRANSFERS IN AND OUT	FIXED CAPITAL EXPENDITURE LESS DISPOSALS	
		AT 30 JUNE (B)	WHOLE YEAR (C)			(D)		OPENING	CLOSING	EXPENSES	VALUE ADDED	
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	
	OTHER CHEMICAL PRODUCTS											
276	TOTAL OTHER CHEMICAL PRODUCTS	647	22331	12543	34879	612091	3358415	599964	660898	1888249	1531080	80509
2770	PETROLEUM REFINING	13	4721	271	4992	137445	1509428	152839	210948	1238074	329462	83395
2790	PETROLEUM & COAL PRODUCTS NEC	24	461	62	523	10730	99715	18925	20507	72271	29026	612
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	931	43512	14808	58320	1144182	8124472	1315410	1443297	5417840	2834519	327873
	NON-METALLIC MINERAL PRODUCTS											
2850	GLASS & GLASS PRODUCTS	41	5741	719	6460	138049	501801	95449	107432	232855	280928	26138
	NON-METALLIC MINERAL PRODUCTS											
	CLAY PRODUCTS & REFRACTORIES											
2861	CLAY BRICKS	109	5746	372	6118	105642	393837	81589	93062	166866	238445	14100
2862	REFRACTORIES	18	1038	108	1146	23093	32568	35201	30455	43499	33322	3008
2863	CERAMIC TILES & PIPES	31	1685	263	1948	33798	103574	19704	20550	43385	61035	11338
2864	CERAMIC GOODS NEC	59	1397	782	2179	31707	82033	16303	17977	33220	50487	2495
286	TOTAL CLAY PRODUCTS & REFRACTORIES	217	9866	1525	11391	194241	662012	153797	162045	286970	383289	30941
	CEMENT & CONCRETE PRODUCTS											
2871	CEMENT	20	3585	243	3828	79193	534013	80652	111284	353969	210675	26037
2872	READY MIXED CONCRETE	784	3162	357	3519	64224	813235	12100	13349	689537	124950	11125
2873	CONCRETE PIPES & BOX CULVERTS	60	8173	807	8980	161381	632075	86072	89539	346150	289391	21950
2874	CONCRETE PRODUCTS NEC	363										
287	TOTAL CEMENT & CONCRETE PRODUCTS	1227	14920	1407	16327	304798	1979326	178825	214172	1389656	625017	59113

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS AT JUNE (B)	AVERAGE EMPLOYMENT OVER WHOLE YEAR (C)			WAGES AND SALARIES (D)	TURNOVER	STOCKS IN AND OUT		PURCHASES AND TRANSFERS SELECTED EXPENSES	FIXED CAPITAL EXPENDITURE LESS DISPOSALS	
			MALES	FEMALES	PERSONS			OPENING	CLOSING			VALUE ADDED
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	
NON-METALLIC MINERAL PRODUCTS												
OTHER NON-METALLIC MINERAL PRODUCTS												
2881	PLASTER PRODUCTS & EXPANDED MINERALS	43	1433	207	1640	32894	160048	13229	14447	91465	69802	8104
2832	STONE PRODUCTS	83	623	94	717	9911	36458	3994	4480	18475	18469	1020
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	15	1063	184	1247	22134	94279	11352	12834	37051	58711	1217
2884	NON-METALLIC MINERAL PRODUCTS NEC	86	2793	300	3093	58790	270682	59405	57359	145092	123543	18244
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	227	5912	785	6697	123729	561467	87980	89121	292082	270525	28586
28	TOTAL NON-METALLIC MINERAL PRODUCTS	1712	36439	4436	40875	760817	3704605	516051	572769	2201564	1559759	144778
BASIC METAL PRODUCTS												
BASIC IRON & STEEL IRON & STEEL BASIC PRODUCTS												
2941	IRON CASTING	125	38341	3214	41555	842926	3821656	970060	850498	2926576	775517	175939
2942	STEEL CASTING	86	4157	327	4484	75453	220263	33145	32615	103522	116211	7028
2943	IRON & STEEL FORGING	36	2908	164	3072	53182	150929	32530	27769	63186	82982	6419
2944	STEEL PIPES & TUBES	30	1602	127	1729	31971	116085	24922	17780	63719	45224	5544
2945	TOTAL BASIC IRON AND STEEL	54	4946	367	5313	105674	459767	89288	79863	285221	165120	17618
294	TOTAL BASIC IRON AND STEEL	331	51954	4199	56153	1109206	4768700	1149945	1008524	3442224	1185055	212549
BASIC NON-FERROUS METALS												
2951	COPPER SMELTING, REFINING	4										
						N.P. - INCLUDED WITH GROUP 295						
2952	SILVER, LEAD, ZINC SMELTING, REFINING	4	4215	202	4417	87771	750534	163418	155394	561194	181317	11484
2953	ALUMINA	4	4794	398	5192	137146	1164358	238634	226958	726579	426103	519375
2954	ALUMINIUM SMELTING	6	3855	295	4150	91910	551283	113895	118124	335249	220263	630161
2955	NICKEL SMELTING, REFINING	3										
						N.P. - INCLUDED WITH GROUP 295						

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS AT 30 JUNE (B)	AVERAGE EMPLOYMENT OVER WHOLE YEAR (C)			WAGES AND SALARIES (D)	TURNOVER	STOCKS		PURCHASES AND TRANSFERS IN AND SELECTED EXPENSES	VALUE ADDED	FIXED CAPITAL EXPENDITURE LESS DISPOSALS
			NO.	NO.	NO.			NO.	\$000			
	BASIC NON-FERROUS METALS											
2956	NON-FERROUS METALS NEC SMELTING, REFINING	5	185	27	212	3738	69221	8796	9894	63803	6516	478
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	39	963	160	1123	18952	248581	36347	38500	210260	40474	3583
295	TOTAL BASIC NON-FERROUS METALS	67	17122	1230	18352	409756	3554991	747485	774400	2558439	1023466	1172728
	NON-FERROUS METAL BASIC PRODUCTS											
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	26	3756	449	4205	87246	657566	129700	113327	479781	161412	36440
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	21	2236	194	2430	46205	350899	34617	36703	271903	81082	7246
2963	NON-FERROUS METAL CASTING	103	1545	315	1860	29622	99292	6436	7188	50860	49185	2149
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	150	7537	958	8495	163073	1107758	170754	157218	802544	291678	45835
29	TOTAL BASIC METAL PRODUCTS	548	76613	6387	83000	1682034	9431449	2068183	1940141	6803207	2500199	1431111
	FABRICATED METAL PRODUCTS											
	STRUCTURAL METAL PRODUCTS											
3141	FABRICATED STRUCTURAL STEEL	910	18365	1699	20064	335309	1564918	186669	145779	956499	567528	32673
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	455	7197	1774	8971	131352	581919	91925	79523	372466	197050	4841
3143	ARCHITECTURAL METAL PRODUCTS NEC	215	2480	434	2914	39955	170995	22625	21570	98376	71564	3419
314	TOTAL STRUCTURAL METAL PRODUCTS	1580	28042	3907	31949	506617	2317832	301220	246871	1427341	836142	40933

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES AND SALARIES	TURNOVER	STOCKS		PURCHASES	VALUE ADDED	FIXED CAPITAL
		AT 30 JUNE (B)	WHOLE YEAR (C)			(D)		OPENING	CLOSING	IN AND EXPENSES		LESS DISPOSALS
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	FABRICATED METAL PRODUCTS											
3151	SHEET METAL PRODUCTS											
	METAL CONTAINERS	83	5660	1650	7310	129837	721944	106876	100257	466922	248402	21139
3152	SHEET METAL FURNITURE	59	2160	499	2659	40225	147059	29440	23664	86053	55230	11155
3153	SHEET METAL PRODUCTS NEC	851	14221	3242	17463	250772	979731	176397	160152	535896	427591	17088
315	TOTAL SHEET METAL PRODUCTS	993	22041	5391	27432	420834	1848734	312713	284073	1088871	731223	49383
	OTHER FABRICATED METAL PRODUCTS											
3161	CUTLERY AND HAND TOOLS NEC	58	1437	371	1808	24958	80658	28172	26767	40834	38420	2209
3162	SPRINGS & WIRE PRODUCTS	226	5468	1167	6635	102806	471256	90691	83686	276008	188242	7504
3163	NUTS, BOLTS, SCREWS & RIVETS	100	2813	620	3433	52482	187942	67572	66455	96021	90804	2694
3164	METAL COATING & FINISHING	388	4810	963	5773	87778	279743	17719	18666	128028	152661	21806
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	70	2929	981	3910	60290	217936	64093	58731	106638	105937	2532
3166	BOILER & PLATE WORK	100	3323	222	3545	66154	215985	42166	27771	109918	91671	3087
3167	METAL BLINDS & AWNINGS	61	795	588	1383	19544	94407	15856	14546	57977	35120	490
3168	FABRICATED METAL PRODUCTS NEC	696	12431	3480	15911	242961	709579	134255	128955	324854	379426	16726
316	TOTAL OTHER FABRICATED METAL PRODUCTS	1699	34006	8392	42398	656973	2357506	460524	425577	1140278	1082280	57049
31	TOTAL FABRICATED METAL PRODUCTS	4272	84089	17690	101779	1584425	6424071	1074457	956521	3656490	2649645	147365
	TRANSPORT EQUIPMENT											
3231	MOTOR VEHICLES & PARTS											
3232	MOTOR VEHICLES, TRAILERS, CARAVANS	45	30978	2884	33862	662707	4051960	539989	638189	2943089	1207072	162287
		304	5675	626	6301	93902	382725	75495	72438	227991	151677	3966

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS				WAGES AND SALARIES		STOCKS		PURCHASES AND TRANSFERS		FIXED CAPITAL EXPENDITURE	
		AT 30 JUNE (B)	AVERAGE WHOLE YEAR (C)	OVER AND (D)	PERSONS	\$000	\$000	OPENING	CLOSING	EXPENSES	VALUE ADDED	LESS DISPOSALS	\$000
3233	MOTOR VEHICLES & PARTS												
	MOTOR VEHICLE												
	INSTRUMENTS & ELECTRICAL EQUIPMENT												
3234	NEC	30	2046	2728	4774	64989	231770	47834	47796	128775	102956	4650	
	MOTOR VEHICLE PARTS												
	NEC	491	21386	5381	26767	440338	1313051	291342	278579	679323	620965	47596	
323	TOTAL MOTOR VEHICLES & PARTS	870	60085	11619	71704	1261937	5979505	954660	1037003	3979178	2082670	218498	
	OTHER TRANSPORT EQUIPMENT												
3241	SHIPS	77	11157	433	11590	193434	424816	50965	56205	166696	263359	20450	
3242	BOATS	231	2158	277	2435	31907	128672	21012	21037	80066	48631	1302	
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	52	22486	421	22907	396816	943973	88165	91751	407137	540422	22331	
3244	AIRCRAFT	36	10600	886	11486	241741	509168	218113	199456	150677	339834	36195	
3245	TRANSPORT EQUIPMENT NEC	34	613	313	926	14121	54626	14709	7725	30384	17258	1272	
324	TOTAL OTHER TRANSPORT EQUIPMENT	430	47014	2330	49344	878019	2061256	392965	376173	834959	1209505	81551	
32	TOTAL TRANSPORT EQUIPMENT	1300	107099	13949	121048	2139955	8040761	1347625	1413176	4814138	3292175	300049	
	OTHER MACHINERY & EQUIPMENT												
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT												
3341	PHOTOGRAPHIC & OPTICAL GOODS	19	1227	477	1704	32023	184221	41407	40135	81322	101628	6519	
3342	PHOTOGRAPHIC FILM PROCESSING	234	1496	2575	4071	56660	269439	7801	11168	144965	127841	9393	
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	119	2066	1273	3339	52781	157502	33653	37786	70167	91467	5326	

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FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER			WAGES AND SALARIES	TURNOVER	STOCKS		PURCHASES AND TRANSFERS IN AND	VALUE ADDED	FIXED CAPITAL EXPENDITURE LESS DISPOSALS
		AT JUNE (B)	WHOLE YEAR (C)	MALES	FEMALES	PERSONS (D)		OPENING	CLOSING	SELECTED EXPENSES		\$000
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT											
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	372	4789	4325	9114	141465	11162	82861	89089	296454	320936	21238
	APPLIANCES & ELECTRICAL EQUIPMENT											
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	47	1605	1439	3044	53365	252882	41200	32881	139003	105561	3423
3352	ELECTRONIC EQUIPMENT NEC	239	10064	6240	16304	279431	922798	247713	258641	460641	473086	25549
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	195	11989	4510	16499	258496	1113028	260999	218652	658654	412027	18844
3354	WATER HEATING SYSTEMS	36	1591	426	2017	33946	139251	32714	27963	85354	49146	5854
3355	ELECTRIC & TELEPHONE CABLE & WIRE	29	3496	990	4486	79827	496918	72553	67940	322851	169455	18265
3356	BATTERIES	27	1709	365	2074	35623	121116	29168	26526	77841	40633	2554
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	567	17654	7846	25500	407320	1426288	327053	325021	738866	685389	37412
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	1140	48108	21816	69924	1148008	4472281	1011400	957624	2483209	1935296	111903
	INDUSTRIAL MACHINERY & EQUIPMENT											
3361	AGRICULTURAL MACHINERY	220	7467	901	8368	139474	427421	215808	216278	255515	172376	13417
3362	CONSTRUCTION MACHINERY	67	1573	181	1754	29695	110151	49891	35785	63114	32931	965
3363	MATERIALS HANDLING EQUIPMENT	193	5407	721	6128	104519	417395	100451	92018	240746	168217	11797
3364	WOOD & METAL WORKING MACHINERY	98	2423	418	2841	47734	150336	49896	44898	69353	75985	2296
3365	PUMPS & COMPRESSORS	86	3946	570	4516	73893	273266	96253	90097	149757	117352	3874
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	53	1871	321	2192	36783	152763	32689	32822	91302	61594	3178
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	358	4097	705	4802	76483	211720	36968	30935	87477	118211	5381
3368	FOOD PROCESSING MACHINERY	86	2582	260	2842	46780	152703	30807	30139	77263	74772	735

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS	AVERAGE EMPLOYMENT OVER WHOLE YEAR (C)			WAGES AND SALARIES (D)	TURNOVER	STOCKS		PURCHASES TRANSFERS IN AND SELECTED EXPENSES	VALUE ADDED	FIXED CAPITAL EXPEN DITURE LESS DISPOSALS
		AT 30 JUNE (B)	MALES	FEMALES	PERSONS	\$000		\$000	\$000	\$000	\$000	\$000
	INDUSTRIAL MACHINERY & EQUIPMENT											
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	1093	24494	3178	27672	464178	1605842	319634	274842	834800	726249	38527
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	2254	53860	7255	61115	1019539	3501597	932396	847815	1869328	1547688	80170
33	TOTAL OTHER MACHINERY & EQUIPMENT	3766	106757	33396	140153	2309011	8585040	2026657	1894527	4648990	3803921	213311
	MISCELLANEOUS MANUFACTURING											
	LEATHER & LEATHER PRODUCTS											
3451	LEATHER TANNING & FUR DRESSING	88	1894	429	2323	36850	221144	25305	27841	157361	66318	3424
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	113	674	991	1665	20955	83221	11764	12492	49052	34898	4
345	TOTAL LEATHER & LEATHER PRODUCTS	201	2568	1420	3988	57805	304365	37069	40333	206413	101217	3428
	RUBBER PRODUCTS											
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	119	6281	620	6901	123269	558734	76534	48402	330638	199965	17780
3462	RUBBER PRODUCTS NEC	100	2909	1174	4083	61819	204829	32127	32863	98261	107300	4808
346	TOTAL RUBBER PRODUCTS	219	9190	1794	10984	185087	763564	108661	81266	428898	307269	22588
	PLASTIC & RELATED PRODUCTS											
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	139	5411	2040	7451	137531	668299	99575	102346	449618	221452	29397
3472	RIGID PLASTIC SHEETING	9										
3473	HARD SURFACE FLOOR COVERINGS NEC	3	837	192	1029	16719	85323	22359	22443	50137	35272	7344
3474	PLASTIC PRODUCTS NEC	790	14453	8659	23112	347964	1544329	233111	238555	926725	623048	56405
347	TOTAL PLASTIC & RELATED PRODUCTS	941	20701	10891	31592	502214	2297952	355045	363344	1426480	879771	93147

FOR FOOTNOTES SEE END OF TABLE

TABLE 1 - MANUFACTURING ESTABLISHMENTS (A) - SUMMARY OF OPERATIONS BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	ESTABLISHMENTS				WAGES AND SALARIES		STOCKS		PURCHASES (TRANSFERS IN AND OUT)		FIXED CAPITAL EXPENDITURE	
		(A) AT 30 JUNE (B)	AVERAGE EMPLOYMENT OVER WHOLE YEAR (C)	MALES	FEMALES	(D)	TURNOVER	OPENING	CLOSING	SELECTED EXPENSES	VALUE ADDED	LESS DISPOSALS	
		NO.	NO.	NO.	NO.	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	MISCELLANEOUS MANUFACTURING												
	OTHER MANUFACTURING												
3481	OPHTHALMIC ARTICLES	39	569	332	901	13001	40390	6539	6090	16006	23935	843	
3482	JEWELLERY & SILVERWARE	201	1277	878	2155	25432	109313	25181	30158	62479	51811	1310	
3483	BROOMS & BRUSHES	36	825	785	1610	20526	77502	19649	19766	42855	34764	1986	
3484	SIGNS & ADVERTISING DISPLAYS	301	2896	954	3850	53614	162407	13028	13736	70955	92160	7971	
3485	SPORTING EQUIPMENT	13	1160	476	1636	20478	86786	17229	16568	46952	39173	867	
3486	WRITING & MARKING EQUIPMENT	35	430	526	956	13368	55874	16093	15620	29520	25880	969	
3487	MANUFACTURING NEC	105	685	488	1173	15489	74282	12438	13286	44366	30765	1653	
348	TOTAL OTHER MANUFACTURING	848	7842	4439	12281	161909	606554	110158	115224	313132	298489	15600	
34	TOTAL MISCELLANEOUS MANUFACTURING	2209	40301	18544	58845	907015	3972435	610933	600166	2374922	1586746	134762	
21-34	TOTAL MANUFACTURING	27696	787309	265596	1052905	17402738	82320627	13094417	13058707	51225767	31059149	3678351	

- (A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).
 (B) SEE PARAGRAPH 9 OF THE EXPLANATORY NOTES.
 (C) INCLUDES WORKING PROPRIETORS.
 (D) EXCLUDES THE DRAWINGS OF WORKING PROPRIETORS.

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
MANUFACTURING													
FOOD, BEVERAGES & TOBACCO													
MEAT PRODUCTS													
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	114	41	155	2976	1179	4155	24961	3815	28776	28051	5035	33086
2116	POULTRY	55	33	88	835	549	1384	2105	3182	5287	2995	3764	6759
2117	BACON, HAM & SMALLGOODS NEC	30	18	48	1057	522	1579	3950	1900	5850	5037	2440	7477
211	TOTAL MEAT PRODUCTS	199	92	291	4868	2250	7118	31016	8897	39913	36083	11239	47322
MILK PRODUCTS													
2121	LIQUID MILK & CREAM	2	-	2	1732	650	2382	3952	441	4393	5686	1091	6777
2122	BUTTER	-	-	-	192	111	303	1326	105	1431	1518	216	1734
2123	CHEESE	8	5	13	424	227	651	2323	622	2945	2755	854	3609
2124	ICE CREAM & FROZEN CONFECTIONS	5	5	10	629	251	880	899	562	1461	1533	818	2351
2125	MILK PRODUCTS NEC	-	-	-	390	178	568	1164	202	1366	1554	380	1934
212	TOTAL MILK PRODUCTS	15	10	25	3367	1417	4784	9664	1932	11596	13046	3359	16405
FRUIT & VEGETABLE PRODUCTS													
2131	FRUIT PRODUCTS	9	4	13	761	324	1085	2199	759	2958	2969	1087	4056
2132	VEGETABLE PRODUCTS	14	5	19	1152	526	1678	2740	1891	4631	3906	2422	6328
213	TOTAL FRUIT & VEGETABLE PRODUCTS	23	9	32	1913	850	2763	4939	2650	7589	6875	3509	10384
2140	MARGARINE & OILS & FATS NEC	2	2	4	596	275	871	1399	178	1577	1997	455	2452
FLOUR MILL AND CEREAL FOOD PRODUCTS													
2151	FLOUR MILL PRODUCTS	-	-	-	442	174	616	1459	79	1538	1901	253	2154
2152	STARCH, GLUTEN & STARCH	-	-	-	153	72	225	484	13	497	637	85	722
2153	SUGARS	10	6	16	894	418	1312	2260	880	3140	3164	1304	4468
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	10	6	16	1489	664	2153	4203	972	5175	5702	1642	7344
BREAD, CAKES & BISCUITS													
2161	BREAD	521	361	882	3844	3219	7063	6424	1876	8300	10789	5456	16245
2162	CAKES & PASTRIES	160	106	266	923	1080	2003	3191	2685	5876	4274	3871	8145
2163	BISCUITS	14	10	24	846	443	1289	2098	2532	4630	2958	2985	5943

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	BREAD, CAKES & BISCUITS												
216	TOTAL BREAD, CAKES AND BISCUITS	695	477	1172	5613	4742	10355	11713	7093	18806	18021	12312	30333
	OTHER FOOD PRODUCTS												
	RAW SUGAR				N.P. - INCLUDED WITH GROUP 217								
2171	CONFECTIONERY & COCOA				N.P. - INCLUDED WITH GROUP 217								
2173	PRODUCTS	22	12	34	853	494	1347	2411	2839	5250	3286	3345	6631
2174	PROCESSED SEAFOODS	30	13	43	307	202	509	1145	2127	3272	1482	2342	3824
2175	PREPARED ANIMAL & BIRD FOODS	26	11	37	928	431	1359	2360	217	2577	3314	659	3973
2176	FOOD PRODUCTS NEC				N.P. - INCLUDED WITH GROUP 217								
217	TOTAL OTHER FOOD PRODUCTS	117	50	167	5364	2645	8009	15505	7490	22995	20986	10185	31171
	BEVERAGES & MALT												
2185	SOFT DRINKS, CORDIALS & SYRUPS	70	39	109	1981	722	2703	2307	494	2801	4358	1255	5613
2186	BEER	-	-	-	2498	546	3044	4897	91	4988	7395	637	8032
2187	MALT				N.P. - INCLUDED WITH GROUP 218								
2188	WINE & BRANDY	58	31	89	767	547	1314	2338	817	3155	3163	1395	4558
2189	ALCOHOLIC BEVERAGES NEC				N.P. - INCLUDED WITH GROUP 218								
218	TOTAL BEVERAGES & MALT	128	70	198	5369	1863	7232	10026	1438	11464	15523	3371	18894
2190	TOBACCO PRODUCTS	-	-	-	894	511	1405	2144	1663	3807	3038	2174	5212
21	TOTAL FOOD, BEVERAGES & TOBACCO	1189	716	1905	29473	15217	44690	90609	32313	122922	121271	48246	169517
	TEXTILES												
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS												
2341	COTTON GINNING	-	-	-	67	35	102	300	42	342	367	77	444
2342	WOOL SCOURING & TOP MAKING	-	-	-	146	81	227	1135	230	1365	1281	311	1592
2343	MAN-MADE FIBRES & YARNS	-	-	-	1292	404	1696	1023	450	1473	2315	854	3169
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	3	1	4	484	270	754	2094	1317	3411	2581	1588	4169
2345	COTTON YARNS & BROADWOVEN FABRICS	1	1	2	547	341	888	1585	1855	3440	2133	2197	4330
2346	WORSTED YARNS & BROADWOVEN FABRICS	-	-	-	210	184	394	665	878	1543	875	1062	1937
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	1	-	1	161	99	260	1141	813	1954	1303	912	2215

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FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS												
2348	NARROW WOVEN AND ELASTIC TEXTILES	-	-	-	130	95	225	395	536	931	525	631	1156
2349	TEXTILE FINISHING	11	7	18	187	127	314	1408	309	1717	1606	443	2049
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	16	9	25	324	1636	4860	9746	6430	16176	12986	8075	21061
	OTHER TEXTILE PRODUCTS												
2351	HOUSEHOLD TEXTILES	12	11	23	179	153	332	333	1128	1461	524	1292	1816
2352	TEXTILE FLOOR COVERINGS	1	1	2	564	276	840	1419	951	2370	1984	1228	3212
2353	FELT & FELT PRODUCTS	-	-	-	146	64	210	333	134	467	479	198	677
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	50	17	67	492	352	844	944	584	1528	1486	953	2439
2355	ROPE, CORDAGE AND TWINE	1	1	2	61	34	95	258	113	371	320	148	468
2356	TEXTILE PRODUCTS NEC	8	6	14	431	322	753	749	748	1497	1188	1076	2264
235	TOTAL OTHER TEXTILE PRODUCTS	72	36	108	1873	1201	3074	4036	3658	7694	5981	4895	10876
23	TOTAL TEXTILES	88	45	133	5097	2837	7934	13782	10088	23870	18967	12970	31937
	CLOTHING & FOOTWEAR												
	KNITTING MILLS												
2441	HOSIERY	4	2	6	270	263	533	536	1561	2097	810	1826	2636
2442	CARDIGANS & PULLOVERS	35	22	57	294	302	596	838	3657	4495	1167	3981	5148
2443	KNITTED GOODS NEC	6	6	12	358	312	670	1693	2179	3872	2057	2497	4554
244	TOTAL KNITTING MILLS	45	30	75	922	877	1799	3067	7397	10464	4034	8304	12338
	CLOTHING												
	MENS TROUSERS AND SHORTS;												
2451	WORK CLOTHING	21	19	40	544	585	1129	926	5901	6827	1491	6505	7996
2452	MENS SUITS AND COATS;												
	WATERPROOF CLOTHING	20	12	32	321	289	610	952	3037	3989	1293	3338	4631
2453	WOMENS OUTERWEAR NEC	233	229	462	866	1259	2125	1311	11773	13084	2410	13261	15671
2454	FOUNDATION GARMENTS	-	-	-	162	223	385	100	1499	1599	262	1722	1984
2455	UNDERWEAR & INFANTS CLOTHING NEC	45	27	72	498	553	1051	926	8781	9707	1449	9361	10830
2456	HEADWEAR & CLOTHING NEC	81	69	150	350	318	668	668	2809	3477	1099	3196	4295
245	TOTAL CLOTHING	400	356	756	2741	3227	5968	4883	33800	38683	8024	37383	45407
2460	FOOTWEAR	60	38	98	833	672	1505	3674	5902	9576	4567	6612	11179

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
24	TOTAL CLOTHING & FOOTWEAR	505	424	929	4496	4776	9272	11624	47099	58723	16625	52299	68924
	WOOD, WOOD PRODUCTS & FURNITURE												
	WOOD & WOOD PRODUCTS												
2531	LOG SAWMILLING	333	96	429	987	525	1512	8777	168	8945	10097	789	10886
2532	RESAWN & DRESSED TIMBER	33	15	48	1290	588	1878	5373	229	5602	6696	832	7528
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	3	-	3	625	276	901	3207	416	3623	3835	692	4527
2534	WOODEN DOORS	3	1	4	212	94	306	746	89	835	921	184	1145
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	520	242	762	2015	1267	3282	10110	385	10495	12645	1894	14539
2536	WOODEN CONTAINERS	44	16	60	255	125	380	888	17	905	1187	158	1345
2537	HARDWOOD WOODCHIPS	-	-	-	175	44	219	473	-	473	648	44	692
2538	WOOD PRODUCTS NEC	105	59	164	361	334	695	1834	362	2196	2300	755	3055
253	TOTAL WOOD & WOOD PRODUCTS	1041	429	1470	5920	3253	9173	31408	1666	33074	38369	5348	43717
	FURNITURE & MATTRESSES												
2541	FURNITURE (EXC SHEET METAL)	606	267	873	2676	2048	4724	16110	2097	18207	19392	4412	23804
2542	MATTRESSES (EXC RUBBER)	11	5	16	367	269	636	1115	574	1689	1493	848	2341
254	TOTAL FURNITURE & MATTRESSES	617	272	889	3043	2317	5360	17225	2671	19896	20885	5260	26145
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	1658	701	2359	8963	5570	14533	48633	4337	52970	59254	10608	69862
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING												
	PAPER & PAPER PRODUCTS												
2631	PULP, PAPER & PAPERBOARD	2	1	3	1566	334	1900	5869	181	6050	7437	516	7953
2632	PAPER BAGS (INCL TEXTILE BAGS)	5	3	8	302	139	441	683	515	1198	990	657	1647
2633	SOLID FIBREBOARD CONTAINERS	2	-	2	493	216	709	1703	601	2304	2198	817	3015
2634	CORRUGATED FIBREBOARD CONTAINERS	-	-	-	1205	449	1654	3540	584	4124	4745	1033	5778
2635	PAPER PRODUCTS NEC	14	6	20	694	352	1046	2284	885	3169	2992	1243	4235
263	TOTAL PAPER & PAPER PRODUCTS	23	10	33	4260	1490	5750	14079	2766	16845	18362	4266	22620
	PRINTING & ALLIED INDUSTRIES												
2641	PUBLISHING	39	24	63	2872	3724	6596	1057	707	1764	3968	4455	8423
2642	PRINTING & PUBLISHING	69	25	94	5718	4953	10681	13317	2050	15367	19104	7038	26142

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	MALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	PRINTING & ALLIED INDUSTRIES												
2643	PAPER STATIONERY	24	11	35	1760	1257	3017	3212	1643	4855	4996	2911	7907
2644	PRINTING & BOOKBINDING	477	248	725	4423	3161	7584	15579	5843	21422	20479	9252	29731
2645	PRINTING TRADE SERVICES NEC	47	27	74	622	474	1096	2737	539	3276	3406	1040	4446
264	TOTAL PRINTING & ALLIED INDUSTRIES	656	335	991	15395	13579	28974	35902	10782	46684	51953	24696	76649
26	TOTAL PAPER,PAPER PRODUCTS, PRINTING & PUBLISHING	679	345	1024	19655	15069	34724	49981	13548	63529	70315	28962	99277
	CHEMICAL, PETROLEUM AND COAL PRODUCTS												
	BASIC CHEMICALS												
2751	CHEMICAL FERTILISERS	-	-	-	934	232	1166	2374	68	2442	3308	300	3608
2752	INDUSTRIAL GASES					N.P. - INCLUDED WITH GROUP	275	3380	98	3478	4861	580	5441
2753	SYNTHETIC RESINS & RUBBER	1	1	2	1480	481	1961						
2754	ORGANIC INDUSTRIAL CHEMICALS NEC					N.P. - INCLUDED WITH GROUP	275						
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	9	7	16	855	286	1141	2482	87	2569	3346	380	3726
275	TOTAL BASIC CHEMICALS	10	8	18	4763	1553	6316	10698	299	10997	15471	1860	17331
	OTHER CHEMICAL PRODUCTS												
2761	AMMUNITION,EXPLOSIVES & FIREWORKS	-	-	-	819	259	1078	2002	908	2910	2821	1167	3988
2762	PAINTS	7	5	12	2373	878	3251	2245	295	2540	4625	1178	5803
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	-	4	4	2889	1786	4675	2854	2696	5550	5743	4486	10229
2764	PESTICIDES	2	1	3	300	158	458	563	214	777	865	373	1238
2765	SOAP & OTHER DETERGENTS	10	4	14	1625	895	2520	2180	942	3122	3815	1841	5656
2766	COSMETICS & TOILET PREPARATIONS	2	3	5	943	1171	2114	801	1355	2156	1746	2529	4275
2767	INKS	-	-	-	295	112	407	545	27	572	840	139	979
2768	CHEMICAL PRODUCTS NEC	3	1	4	703	395	1098	1032	318	1350	1738	714	2452
276	TOTAL OTHER CHEMICAL PRODUCTS	24	18	42	9947	5654	15601	12222	6755	18977	22193	12427	34620
2770	PETROLEUM REFINING	-	-	-	1434	254	1688	3252	11	3263	4686	265	4951
2780	PETROLEUM & COAL PRODUCTS NEC	1	-	1	140	56	196	328	2	330	469	58	527

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	35	26	61	16284	7517	23801	26500	7067	33567	42819	14610	57429
	NON-METALLIC MINERAL PRODUCTS												
2850	GLASS & GLASS PRODUCTS	8	7	15	1057	305	1362	4390	372	4762	5455	684	6139
	NON-METALLIC MINERAL PRODUCTS												
2861	CLAY PRODUCTS & REFRACTORIES	12	4	16	901	318	1219	4469	24	4493	5382	346	5728
2862	CLAY BRICKS	-	-	-	179	70	249	732	20	752	911	90	1001
2863	REFRACTORIES	-	-	-	249	88	337	1383	158	1541	1632	246	1878
2864	CERAMIC TILES & PIPES	17	12	29	270	147	417	1081	579	1660	1368	738	2106
2864	CERAMIC GOODS NEC												
286	TOTAL CLAY PRODUCTS & REFRACTORIES	29	16	45	1599	623	2222	7665	781	8446	9293	1470	10713
	CEMENT & CONCRETE PRODUCTS												
2871	CEMENT	1	1	2	888	221	1109	2519	17	2536	3408	239	3647
2872	READY MIXED CONCRETE	57	18	75	868	322	1190	2150	15	2165	3075	355	3430
2873	CONCRETE PIPES & BOX CULVERTS	119	46	165	2014	702	2716	5836	31	5867	7969	779	8748
2874	CONCRETE PRODUCTS NEC												
287	TOTAL CEMENT & CONCRETE PRODUCTS	177	65	242	3770	1245	5015	10505	63	10568	14452	1373	15825
	OTHER NON-METALLIC MINERAL PRODUCTS												
2881	PLASTER PRODUCTS & EXPANDED MINERALS	11	3	14	521	182	703	787	9	796	1319	194	1513
2882	STONE PRODUCTS	50	17	67	87	71	158	495	10	505	632	98	730
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	1	-	1	251	78	329	791	105	896	1043	183	1226
2884	NON-METALLIC MINERAL PRODUCTS NEC	11	2	13	602	236	838	1937	54	1991	2550	292	2842
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	73	22	95	1461	567	2028	4010	178	4188	5544	767	6311
28	TOTAL NON-METALLIC MINERAL PRODUCTS	287	110	397	7887	2740	10627	26570	1394	27964	34744	4244	38988

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT			
		M	F	P	M	F	P	M	F	P	M	F	P	
		MALES	MALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.		
	BASIC METAL PRODUCTS													
	BASIC IRON & STEEL													
2941	IRON & STEEL BASIC PRODUCTS	7	7	14	8927	1978	10905	25366	905	26271	34300	2890	37190	
2942	IRON CASTING	11	4	15	574	187	761	3346	106	3452	3931	297	4228	
2943	STEEL CASTING	1	1	2	368	127	495	2223	29	2252	2592	157	2749	
2944	IRON & STEEL FORGING	8	-	8	360	89	449	1147	18	1165	1515	107	1622	
2945	STEEL PIPES & TUBES	5	3	8	790	225	1015	3637	116	3753	4432	344	4776	
294	TOTAL BASIC IRON AND STEEL	32	15	47	11019	2606	13625	35719	1174	36893	46770	3795	50565	
	BASIC NON-FERROUS METALS													
2951	COPPER SMELTING, REFINING				N.P. - INCLUDED WITH GROUP 295									
2952	SILVER, LEAD, ZINC SMELTING, REFINING	-	-	-	907	192	1099	3190	6	3196	4097	198	4295	
2953	ALUMINA	-	-	-	1176	318	1494	3589	58	3647	4765	376	5141	
2954	ALUMINIUM SMELTING	-	-	-	960	245	1205	3000	7	3007	3960	252	4212	
2955	NICKEL SMELTING, REFINING				N.P. - INCLUDED WITH GROUP 295									
2956	NON-FERROUS METALS NEC SMELTING, REFINING	-	-	-	51	9	60	127	18	145	178	27	205	
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	2	-	2	201	103	304	762	48	810	965	151	1116	
295	TOTAL BASIC NON-FERROUS METALS	2	-	2	3934	986	4920	12950	146	13096	16856	1132	18018	
	NON-FERROUS METAL BASIC PRODUCTS													
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	1	1	2	1028	292	1320	2604	143	2747	3633	436	4069	
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	2	1	3	428	132	560	1693	54	1747	2123	187	2310	
2963	NON-FERROUS METAL CASTING	23	8	31	202	127	329	1274	173	1447	1499	308	1807	
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	26	10	36	1658	551	2209	5571	370	5941	7255	931	8186	
29	TOTAL BASIC METAL PRODUCTS	60	25	85	16611	4143	20754	54240	1690	55930	70911	5858	76769	
	FABRICATED METAL PRODUCTS													
3141	STRUCTURAL METAL PRODUCTS FABRICATED STRUCTURAL STEEL	254	105	359	2771	1428	4199	13809	134	13943	16834	1667	18501	

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
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ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
3142	STRUCTURAL METAL PRODUCTS												
	ARCHITECTURAL ALUMINIUM PRODUCTS	115	46	161	1940	964	2904	4868	646	5514	6923	1656	8579
3143	ARCHITECTURAL METAL PRODUCTS NEC	87	39	126	516	322	838	1742	62	1804	2345	423	2768
314	TOTAL STRUCTURAL METAL PRODUCTS	456	190	646	5227	2714	7941	20419	842	21261	26102	3746	29848
	SHEET METAL PRODUCTS												
3151	METAL CONTAINERS	3	1	4	1161	393	1554	4355	1199	5554	5519	1593	7112
3152	SHEET METAL FURNITURE	14	2	16	464	263	727	1548	227	1775	2026	492	2518
3153	SHEET METAL PRODUCTS NEC	168	75	243	2496	1454	4150	10721	1512	12233	13585	3041	16626
315	TOTAL SHEET METAL PRODUCTS	185	78	263	4321	2110	6431	16624	2938	19562	21130	5126	26256
	OTHER FABRICATED METAL PRODUCTS												
3161	CUTLERY AND HAND TOOLS NEC	14	4	18	257	143	400	1051	195	1246	1322	342	1664
3162	SPRINGS & WIRE PRODUCTS	35	16	51	1165	536	1701	3990	540	4530	5190	1092	6282
3163	NUTS, BOLTS, SCREWS & RIVETS	10	3	13	517	330	847	2045	218	2263	2572	551	3123
3164	METAL COATING & FINISHING	79	36	115	641	470	1111	4019	427	4446	4739	933	5672
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	8	-	8	617	290	907	2221	645	2866	2846	935	3781
3166	BOILER & PLATE WORK	14	9	23	408	165	573	2366	9	2375	2788	183	2971
3167	METAL BLINDS & AWNINGS	17	12	29	298	262	560	451	310	761	766	584	1350
3168	FABRICATED METAL PRODUCTS NEC	233	87	320	2594	1339	3933	9268	1942	11210	12095	3368	15463
316	TOTAL OTHER FABRICATED METAL PRODUCTS	410	167	577	6497	3535	10032	25411	4286	29697	32318	7988	40306
31	TOTAL FABRICATED METAL PRODUCTS	1051	435	1486	16045	8359	24404	62454	8066	70520	79550	16860	96410
	TRANSPORT EQUIPMENT												
	MOTOR VEHICLES & PARTS												
3231	MOTOR VEHICLES	3	1	4	6701	959	7660	21631	1673	23304	28335	2633	30968
3232	MOTOR VEHICLE BODIES, TRAILERS, CARAVANS	100	37	137	791	396	1187	4608	162	4770	5499	595	6094
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	1	1	2	585	231	816	1276	2368	3644	1862	2600	4462
3234	MOTOR VEHICLE PARTS NEC	129	68	197	3230	1315	4545	16124	3616	19740	19483	4999	24482

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ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
MOTOR VEHICLES & PARTS													
323	TOTAL MOTOR VEHICLES & PARTS	233	107	340	11307	2901	14208	43639	7819	51458	55179	10827	66006
	OTHER TRANSPORT EQUIPMENT												
3241	SHIPS	7	3	10	2547	414	2961	8368	26	8394	10922	443	11365
3242	BOATS	95	30	125	235	183	418	1679	46	1725	2009	259	2268
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	1	-	1	2233	287	2520	20057	123	20180	22291	410	22701
3244	AIRCRAFT	3	-	3	3308	581	3889	6925	273	7198	10236	854	11090
3245	TRANSPORT EQUIPMENT NEC	15	4	19	102	69	171	445	207	652	562	280	842
324	TOTAL OTHER TRANSPORT EQUIPMENT	121	37	158	8425	1534	9959	37474	675	38149	46200	2246	48266
32	TOTAL TRANSPORT EQUIPMENT	354	144	498	19732	4435	24167	81113	8494	89607	101199	13073	114272
OTHER MACHINERY & EQUIPMENT													
PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT													
3341	PHOTOGRAPHIC & OPTICAL GOODS	1	-	1	214	114	328	948	320	1268	1163	434	1597
3342	PHOTOGRAPHIC FILM PROCESSING	34	23	57	491	686	1177	989	1925	2914	1514	2634	4148
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	15	3	18	566	357	923	1501	923	2424	2082	1283	3365
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	50	26	76	1271	1157	2428	3438	3168	6606	4759	4351	9110
APPLIANCES & ELECTRICAL EQUIPMENT													
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	4	3	7	685	481	1166	831	818	1649	1520	1302	2822
3352	ELECTRONIC EQUIPMENT NEC	18	8	26	2691	1366	4057	7250	4788	12038	9959	6162	16121
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	21	2	23	2391	1060	3451	9006	3155	12161	11418	4217	15635
3354	WATER HEATING SYSTEMS	5	1	6	415	191	606	1113	216	1329	1533	408	1941
3355	ELECTRIC & TELEPHONE CABLE & WIPE	-	-	-	872	310	1182	2485	613	3098	3357	923	4280
3356	BATTERIES	7	3	10	351	165	516	1373	167	1540	1731	335	2066
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	57	33	90	4231	2111	6342	12687	5299	17986	16975	7443	24418

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ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM ALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	APPLIANCES & ELECTRICAL EQUIPMENT												
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	112	50	162	11636	5684	17320	34745	15056	49801	46493	20790	67283
	INDUSTRIAL MACHINERY & EQUIPMENT												
3361	AGRICULTURAL MACHINERY	71	25	96	1170	485	1655	5018	274	5292	6259	784	7043
3362	CONSTRUCTION MACHINERY	16	7	23	261	134	395	1061	21	1082	1338	162	1500
3363	MATERIALS HANDLING EQUIPMENT	19	10	29	1225	517	1742	3582	57	3639	4826	584	5410
3364	WOOD & METAL WORKING MACHINERY	13	7	20	456	183	639	1656	173	1829	2125	363	2488
3365	PUMPS & COMPRESSORS	7	1	8	1041	395	1436	2530	129	2659	3578	525	4103
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	4	1	5	514	227	741	1282	75	1357	1800	303	2103
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	90	42	132	561	425	986	3226	201	3427	3877	668	4545
3368	FOOD PROCESSING MACHINERY	20	10	30	447	205	652	1862	31	1893	2329	246	2575
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	240	103	343	4673	2045	6718	17713	871	18584	22626	3019	25645
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	480	206	686	10348	4616	14964	37930	1832	39762	48758	6654	55412
33	TOTAL OTHER MACHINERY & EQUIPMENT	642	282	924	23255	11457	34712	76113	20056	96169	100010	31795	131805
	MISCELLANEOUS MANUFACTURING												
	LEATHER & LEATHER PRODUCTS												
3451	LEATHER TANNING & FUR DRESSING	13	8	21	246	125	371	1624	278	1902	1883	411	2294
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	27	17	44	178	170	348	474	762	1236	679	949	1628
345	TOTAL LEATHER & LEATHER PRODUCTS	40	25	65	424	295	719	2098	1040	3138	2562	1360	3922
	RUBBER PRODUCTS												
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	7	2	9	1301	327	1628	4317	241	4558	5625	570	6195
3462	RUBBER PRODUCTS NEC	6	3	9	584	282	866	2243	833	3076	2833	1118	3951
346	TOTAL RUBBER PRODUCTS	13	5	18	1885	609	2494	6560	1074	7634	8458	1688	10146

FOR FOOTNOTES SEE END OF TABLE

TABLE 2 - MANUFACTURING ESTABLISHMENTS (A) - TYPE OF EMPLOYMENT (AT 30 JUNE) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			ADMINISTRATIVE ETC. EMPLOYEES (B)			PRODUCTION AND ALL OTHER EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEM	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	MISCELLANEOUS MANUFACTURING												
	PLASTIC & RELATED PRODUCTS												
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	14	7	21	1792	705	2497	3513	1298	4811	5319	2010	7329
3472	RIGID PLASTIC SHEETING												
3473	HARD SURFACE FLOOR COVERINGS NEC	-	-	-	226	129	355	596	49	645	822	178	1000
3474	PLASTIC PRODUCTS NEC	87	34	121	3467	1960	5427	10229	6189	16418	13783	8183	21966
347	TOTAL PLASTIC & RELATED PRODUCTS	101	41	142	5485	2794	8279	14338	7536	21874	19924	10371	30295
	OTHER MANUFACTURING												
3481	OPHTHALMIC ARTICLES	3	2	5	102	78	180	472	270	742	577	350	927
3482	JEWELLERY & SILVERWARE	81	30	111	229	359	588	921	487	1408	1231	876	2107
3483	BROOMS & BRUSHES	9	5	14	250	165	415	536	562	1098	795	732	1527
3484	SIGNS & ADVERTISING DISPLAYS	121	61	182	724	571	1295	2061	330	2391	2906	962	3868
3485	SPORTING EQUIPMENT	54	16	70	237	156	393	834	285	1119	1125	457	1582
3486	WRITING & MARKING EQUIPMENT	7	2	9	176	164	340	228	313	541	411	479	890
3487	MANUFACTURING NEC	34	11	45	178	129	307	487	348	835	699	488	1187
348	TOTAL OTHER MANUFACTURING	309	127	436	1896	1622	3518	5539	2595	8134	7744	4344	12088
34	TOTAL MISCELLANEOUS MANUFACTURING	463	198	661	9690	5320	15010	28535	12245	40780	38688	17763	56451
21-34	TOTAL MANUFACTURING	7011	3451	10462	177188	87440	264628	570154	166397	736551	754353	257288	1011641

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

(B) ADMINISTRATIVE OFFICE, SALES AND DISTRIBUTION EMPLOYEES.

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	MANUFACTURING									
	FOOD, BEVERAGES & TOBACCO									
	MEAT PRODUCTS									
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	114	41	155	29181	5166	34347	29295	5207	34502
2116	POULTRY	55	33	88	3184	3745	6929	3239	3778	7017
2117	BACON, HAM & SMALLGOODS NEC	30	18	48	5098	2443	7541	5128	2461	7589
211	TOTAL MEAT PRODUCTS	199	92	291	37463	11354	48817	37662	11446	49108
	MILK PRODUCTS									
2121	LIQUID MILK & CREAM	2	-	2	5939	1147	7086	5941	1147	7088
2122	BUTTER	-	-	-	1593	222	1815	1593	222	1815
2123	CHEESE	8	5	13	2926	854	3780	2934	859	3793
2124	ICE CREAM & FROZEN CONFECTIONS	5	5	10	1604	1024	2628	1609	1029	2638
2125	MILK PRODUCTS NEC	-	-	-	1592	393	1985	1592	393	1985
212	TOTAL MILK PRODUCTS	15	10	25	13654	3640	17294	13669	3650	17319
	FRUIT & VEGETABLE PRODUCTS									
2131	FRUIT PRODUCTS	9	4	13	3242	1450	4692	3251	1454	4705
2132	VEGETABLE PRODUCTS	14	5	19	4013	2468	6481	4027	2473	6500
213	TOTAL FRUIT & VEGETABLE PRODUCTS	23	9	32	7255	3918	11173	7278	3927	11205
2140	MARGARINE & OILS & FATS NEC	2	2	4	1982	442	2424	1984	444	2428
	FLOUR MILL AND CEREAL FOOD PRODUCTS									
2151	FLOUR MILL PRODUCTS	-	-	-	1882	246	2128	1882	246	2128
2152	STARCH, GLUTEN & STARCH SUGARS	-	-	-	650	83	733	650	83	733
2153	CEREAL FOODS & BAKING MIXES	10	6	16	3146	1782	4428	3156	1288	4444
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	10	6	16	5678	1611	7289	5688	1617	7305
	BREAD, CAKES & BISCUITS									
2161	BREAD	521	361	882	10376	5137	15513	10897	5498	16395
2162	CAKES & PASTRIES	160	106	266	4004	3639	7643	4164	3745	7909
2163	BISCUITS	14	10	24	2939	2957	5896	2953	2967	5920

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FOR FOOTNOTES SEE END OF TABLE

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	BREAD, CAKES & BISCUITS									
216	TOTAL BREAD, CAKES AND BISCUITS	695	477	1172	17319	11733	29052	18014	12210	30224
	OTHER FOOD PRODUCTS									
2171	RAW SUGAR				N.P. - INCLUDED WITH GROUP 217					
2173	CONFECTIONERY & COCOA PRODUCTS	22	12	34	3279	3489	6768	3301	3501	6802
2174	PROCESSED SEAFOODS	30	13	43	1521	2270	3791	1551	2283	3834
2175	PREPARED ANIMAL & BIRD FOODS	26	11	37	3364	655	4019	3390	666	4056
2176	FOOD PRODUCTS NEC				N.P. - INCLUDED WITH GROUP 217					
217	TOTAL OTHER FOOD PRODUCTS	117	50	167	21452	10357	31809	21569	10407	31976
	BEVERAGES & MALT									
2185	SOFT DRINKS, CORDIALS & SYRUPS	70	39	109	4468	1251	5719	4538	1290	5828
2186	BEER	-	-	-	7751	660	8411	7751	660	8411
2187	MALT				N.P. - INCLUDED WITH GROUP 218					
2188	WINE & BRANDY	58	31	89	3212	1428	4640	3270	1459	4729
2189	ALCOHOLIC BEVERAGES NEC				N.P. - INCLUDED WITH GROUP 218					
218	TOTAL BEVERAGES & MALT	128	70	198	16099	3425	19524	16227	3495	19722
2190	TOBACCO PRODUCTS	-	-	-	3045	2206	5251	3045	2206	5251
21	TOTAL FOOD, BEVERAGES & TOBACCO	1189	716	1905	123947	48686	172633	125136	49402	174538
	TEXTILES									
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS									
2341	COTTON GINNING	-	-	-	249	49	298	249	49	298
2342	WOOL SCOURING & TOP MAKING	-	-	-	1282	301	1583	1282	301	1583
2343	MAN-MADE FIBRES & YARNS	-	-	-	2431	896	3327	2431	896	3327
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	3	1	4	2501	1608	4109	2504	1609	4113
2345	COTTON YARNS & BROADWOVEN FABRICS	1	1	2	2185	2277	4462	2186	2278	4464
2346	WORSTED YARNS & BROADWOVEN FABRICS	-	-	-	888	1140	2028	888	1140	2028
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	1	-	1	1500	1021	2521	1501	1021	2522

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TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS									
2348	NARROW WOVEN AND ELASTIC TEXTILES	-	-	-	523	633	1156	523	633	1156
2349	TEXTILE FINISHING	11	7	18	1539	451	1990	1550	458	2008
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	16	9	25	13098	8376	21474	13114	8385	21499
	OTHER TEXTILE PRODUCTS									
2351	HOUSEHOLD TEXTILES	12	11	23	491	1360	1851	503	1371	1874
2352	TEXTILE FLOOR COVERINGS	1	1	2	1969	1225	3194	1970	1226	3196
2353	FELT & FELT PRODUCTS	-	-	-	494	207	701	494	207	701
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	50	17	67	1490	968	2458	1540	985	2525
2355	ROPE, CORDAGE AND TWINE	1	1	2	326	152	478	327	153	480
2356	TEXTILE PRODUCTS NEC	8	6	14	1236	1107	2343	1244	1113	2357
235	TOTAL OTHER TEXTILE PRODUCTS	72	36	108	6006	5019	11025	6078	5055	11133
23	TOTAL TEXTILES	88	45	133	19104	13395	32499	19192	13440	32632
	CLOTHING & FOOTWEAR									
	KNITTING MILLS									
2441	HOSIERY	4	2	6	796	1766	2562	800	1768	2568
2442	CARDIGANS & PULLOVERS	35	22	57	1127	1987	3114	1162	4009	5171
2443	KNITTED GOODS NEC	6	6	12	1992	2474	4466	1998	2480	4478
244	TOTAL KNITTING MILLS	45	30	75	3915	8227	12142	3960	8257	12217
	CLOTHING									
	MENS TROUSERS AND SHORTS; WORK CLOTHING	21	19	40	1477	6656	8133	1498	6675	8173
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	20	12	32	1329	3442	4771	1349	3454	4803
2453	WOMENS OUTERWEAR NEC	233	229	462	2169	13180	15349	2402	13409	15811
2454	FOUNDATION GARMENTS	-	-	-	280	1756	2036	280	1756	2036
2455	UNDERWEAR & INFANTS CLOTHING NEC	45	27	72	1465	9636	11101	1510	9663	11173
2456	HEADWEAR & CLOTHING NEC	81	69	150	1021	3135	4156	1102	3204	4306
245	TOTAL CLOTHING	400	356	756	7741	37805	45546	8141	38161	46302
2460	FOOTWEAR	60	38	98	4531	6802	11333	4591	6840	11431

FOR FOOTNOTES SEE END OF TABLE

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
24	TOTAL CLOTHING & FOOTWEAR	505	424	929	16187	52834	69021	16692	53258	69950
	WOOD, WOOD PRODUCTS & FURNITURE									
	WOOD & WOOD PRODUCTS									
2531	LOG SAWMILLING	333	96	429	9910	727	10637	10243	823	11066
2532	RESAWN & DRESSED TIMBER	33	15	48	6646	830	7476	6679	845	7524
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	3	-	3	3979	718	4697	3982	718	4700
2534	WOODEN DOORS	3	1	4	967	194	1161	970	195	1165
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	520	242	762	12300	1645	13945	12820	1887	14707
2536	WOODEN CONTAINERS	44	16	60	1178	147	1325	1222	163	1385
2537	HARDWOOD WOODCHIPS	-	-	-	658	41	699	658	41	699
2538	WOOD PRODUCTS NEC	105	59	164	2200	706	2906	2305	765	3070
253	TOTAL WOOD & WOOD PRODUCTS	1041	429	1470	37838	5008	42846	38879	5437	44316
	FURNITURE & MATTRESSES									
2541	FURNITURE (EXC SHEET METAL)	606	267	873	19202	4313	23515	19808	4580	24388
2542	MATTRESSES (EXC RUBBER)	11	5	16	1454	857	2311	1465	862	2327
254	TOTAL FURNITURE & MATTRESSES	617	272	889	20656	5170	25826	21273	5442	26715
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	1658	701	2359	58494	10178	68672	60152	10879	71031
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING									
	PAPER & PAPER PRODUCTS									
2631	PULP, PAPER & PAPERBOARD	2	1	3	7737	548	8285	7739	549	8288
2632	PAPER BAGS (INCL TEXTILE BAGS)	5	3	8	1028	696	1724	1033	699	1732
2633	SOLID FIBREBOARD CONTAINERS	2	-	2	2210	856	3066	2212	856	3068
2634	CORRUGATED FIBREBOARD CONTAINERS	-	-	-	4863	1084	5947	4863	1084	5947
2635	PAPER PRODUCTS NEC	14	6	20	2969	1271	4240	2983	1277	4260
263	TOTAL PAPER & PAPER PRODUCTS	23	10	33	18807	4455	23262	18830	4465	23295
	PRINTING & ALLIED INDUSTRIES									
2641	PUBLISHING	39	24	63	4028	4409	8437	4067	4433	8500
2642	PRINTING & PUBLISHING	69	25	94	19382	7059	26441	19451	7084	26535
2643	PAPER STATIONERY	24	11	35	5020	2978	7998	5044	2989	8033

FOR FOOTNOTES SEE END OF TABLE

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
2644	PRINTING & ALLIED INDUSTRIES	477	248	725	20005	9143	29148	20482	9391	29873
2645	PRINTING & BOOKBINDING	47	27	74	3406	1018	4424	3453	1045	4498
264	PRINTING TRADE SERVICES NEC									
264	TOTAL PRINTING & ALLIED INDUSTRIES	656	335	991	51841	24607	76448	52497	24942	77439
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	679	345	1024	70648	29062	99710	71327	29407	100734
	CHEMICAL, PETROLEUM AND COAL PRODUCTS									
	BASIC CHEMICALS									
2751	CHEMICAL FERTILISERS	-	-	-	3421	298	3719	3421	298	3719
2752	INDUSTRIAL GASES				N.P. - INCLUDED WITH GROUP 275					
2753	SYNTHETIC RESINS & RUBBER	1	1	2	5095	617	5712	5096	618	5714
2754	ORGANIC INDUSTRIAL CHEMICALS NEC				N.P. - INCLUDED WITH GROUP 275					
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	9	7	16	3455	388	3843	3464	395	3859
275	TOTAL BASIC CHEMICALS	10	8	18	15989	1919	17908	15999	1927	17926
	OTHER CHEMICAL PRODUCTS									
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	-	-	-	2771	1133	3904	2771	1133	3904
2762	PAINTS	7	5	12	4764	1223	5987	4771	1228	5999
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	-	4	4	5729	4510	10239	5729	4514	10243
2764	PESTICIDES	2	1	3	887	358	1245	889	359	1248
2765	SOAP & OTHER DETERGENTS	10	4	14	3832	1827	5659	3842	1831	5673
2766	COSMETICS & TOILET PREPARATIONS	2	3	5	1748	2630	4378	1750	2633	4383
2767	INKS	-	-	-	814	140	954	814	140	954
2768	CHEMICAL PRODUCTS NEC	3	1	4	1762	709	2471	1765	710	2475
276	TOTAL OTHER CHEMICAL PRODUCTS	24	18	42	22307	12530	34837	22331	12548	34879
2770	PETROLEUM REFINING	-	-	-	4721	271	4992	4721	271	4992
2780	PETROLEUM & COAL PRODUCTS NEC	1	-	1	460	62	522	461	62	523
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	35	26	61	43477	14782	58259	43512	14808	58320

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FOR FOOTNOTES SEE END OF TABLE

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	NON-METALLIC MINERAL PRODUCTS									
2850	GLASS & GLASS PRODUCTS	8	7	15	5733	712	6445	5741	719	6460
	NON-METALLIC MINERAL PRODUCTS									
	CLAY PRODUCTS & REFRACTORIES									
2861	CLAY BRICKS	12	4	16	5734	368	6102	5746	372	6118
2852	REFRACTORIES	-	-	-	1038	108	1146	1038	108	1146
2863	CERAMIC TILES & PIPES	-	-	-	1685	263	1948	1685	263	1948
2864	CERAMIC GOODS NEC	17	12	29	1380	770	2150	1397	782	2179
286	TOTAL CLAY PRODUCTS & REFRACTORIES	29	16	45	9837	1509	11346	9866	1525	11391
	CEMENT & CONCRETE PRODUCTS									
2871	CEMENT	1	1	2	3584	242	3826	3585	243	3828
2872	READY MIXED CONCRETE	57	18	75	3105	339	3444	3162	357	3519
2873	CONCRETE PIPES & BOX CULVERTS	119	46	165	8054	761	8815	8173	807	8980
2874	CONCRETE PRODUCTS NEC									
287	TOTAL CEMENT & CONCRETE PRODUCTS	177	65	242	14743	1342	16085	14920	1407	16327
	OTHER NON-METALLIC MINERAL PRODUCTS									
	PLASTER PRODUCTS & EXPANDED MINERALS									
2881	PLASTER PRODUCTS & EXPANDED MINERALS	11	3	14	1422	204	1626	1433	207	1640
2882	STONE PRODUCTS	50	17	67	573	77	650	623	94	717
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	1	-	1	1062	184	1246	1063	184	1247
2884	NON-METALLIC MINERAL PRODUCTS NEC	11	2	13	2782	298	3080	2793	300	3093
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	73	22	95	5839	763	6602	5912	785	6697
28	TOTAL NON-METALLIC MINERAL PRODUCTS	287	110	397	36152	4326	40478	36439	4436	40875

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
BASIC METAL PRODUCTS										
	BASIC IRON & STEEL									
2941	IRON & STEEL BASIC PRODUCTS	7	7	14	38334	3207	41541	38341	3214	41555
2942	IRON CASTING	11	4	15	4146	323	4469	4157	327	4484
2943	STEEL CASTING	1	1	2	2907	163	3070	2908	164	3072
2944	IRON & STEEL FORGING	8	-	8	1594	127	1721	1602	127	1729
2945	STEEL PIPES & TUBES	5	3	8	4941	364	5305	4946	367	5313
294	TOTAL BASIC IRON AND STEEL	32	15	47	51922	4184	56106	51954	4199	56153
	BASIC NON-FERROUS METALS									
2951	COPPER SMELTING, REFINING				N.P. - INCLUDED WITH GROUP 295					
2952	SILVER, LEAD, ZINC SMELTING, REFINING	-	-	-	4215	202	4417	4215	202	4417
2953	ALUMINA	-	-	-	4794	398	5192	4794	398	5192
2954	ALUMINIUM SMELTING	-	-	-	3855	295	4150	3855	295	4150
2955	NICKEL SMELTING, REFINING				N.P. - INCLUDED WITH GROUP 295					
2956	NON-FERROUS METALS NEC SMELTING, REFINING	-	-	-	185	27	212	185	27	212
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	2	-	2	961	160	1121	963	160	1123
295	TOTAL BASIC NON-FERROUS METALS	2	-	2	17120	1230	18350	17122	1230	18352
	NON-FERROUS METAL BASIC PRODUCTS									
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	1	1	2	3755	448	4203	3756	449	4205
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	2	1	3	2234	193	2427	2236	194	2430
2963	NON-FERROUS METAL CASTING	23	8	31	1522	307	1829	1545	315	1860
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	26	10	36	7511	948	8459	7537	958	8495
29	TOTAL BASIC METAL PRODUCTS	60	25	85	76553	6362	82915	76613	6387	83000
	FABRICATED METAL PRODUCTS									
3141	STRUCTURAL METAL PRODUCTS FABRICATED STRUCTURAL STEEL	254	105	359	18111	1594	19705	18365	1699	20064
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	115	46	161	7082	1728	8810	7197	1774	8971

FOR FOOTNOTES SEE END OF TABLE

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
3143	STRUCTURAL METAL PRODUCTS ARCHITECTURAL METAL PRODUCTS NEC	87	39	126	2393	395	2788	2480	434	2914
314	TOTAL STRUCTURAL METAL PRODUCTS	456	190	646	27586	3717	31303	28042	3907	31949
3151	SHEET METAL PRODUCTS METAL CONTAINERS	3	1	4	5657	1649	7306	5660	1650	7310
3152	SHEET METAL FURNITURE	14	2	16	2146	497	2643	2160	499	2659
3153	SHEET METAL PRODUCTS NEC	168	75	243	14053	3167	17220	14221	3242	17463
315	TOTAL SHEET METAL PRODUCTS	185	78	263	21856	5313	27169	22041	5391	27432
	OTHER FABRICATED METAL PRODUCTS									
3161	CUTLERY AND HAND TOOLS NEC	14	4	18	1423	367	1790	1437	371	1808
3162	SPRINGS & WIRE PRODUCTS	35	16	51	5433	1151	6584	5468	1167	6635
3163	NUTS,BOLTS,SCREWS & RIVETS	10	3	13	2803	617	3420	2813	620	3433
3164	METAL COATING & FINISHING	79	36	115	4731	927	5658	4810	963	5773
3165	NON-FERROUS STEAM,GAS & WATER FITTINGS	8	-	8	2921	981	3902	2929	981	3910
3166	BOILER & PLATE WORK	14	9	23	3309	213	3522	3323	222	3545
3167	METAL BLINDS & AWNINGS	17	12	29	778	576	1354	795	588	1383
3168	FABRICATED METAL PRODUCTS NEC	233	87	320	12198	3393	15591	12431	3480	15911
316	TOTAL OTHER FABRICATED METAL PRODUCTS	410	167	577	33596	8225	41821	34006	8392	42398
31	TOTAL FABRICATED METAL PRODUCTS	1051	435	1486	83038	17255	100293	84089	17690	101779
	TRANSPORT EQUIPMENT									
3231	MOTOR VEHICLES & PARTS MOTOR VEHICLES	3	1	4	30975	2883	33858	30978	2884	33862
3232	MOTOR VEHICLE BODIES, TRAILERS,CARAVANS	100	37	137	5575	589	6164	5675	626	6301
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	1	1	2	2045	2727	4772	2046	2728	4774
3234	MOTOR VEHICLE PARTS NEC	129	68	197	21257	5313	26570	21386	5381	26767
323	TOTAL MOTOR VEHICLES & PARTS	233	107	340	59852	11512	71364	60085	11619	71704

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	TRANSPORT EQUIPMENT									
	OTHER TRANSPORT EQUIPMENT									
3241	SHIPS	7	3	10	11150	430	11580	11157	433	11590
3242	BOATS	95	30	125	2063	247	2310	2158	277	2435
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	1	-	1	22485	421	22906	22486	421	22907
3244	AIRCRAFT	3	-	3	10597	886	11483	10600	886	11486
3245	TRANSPORT EQUIPMENT NEC	15	4	19	598	309	907	613	313	926
324	TOTAL OTHER TRANSPORT EQUIPMENT	121	37	158	46893	2293	49186	47014	2330	49544
32	TOTAL TRANSPORT EQUIPMENT	354	144	498	106745	13805	120550	107099	13949	121048
	OTHER MACHINERY & EQUIPMENT									
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT									
3341	PHOTOGRAPHIC & OPTICAL GOODS	1	-	1	1226	477	1703	1227	477	1704
3342	PHOTOGRAPHIC FILM PROCESSING	34	23	57	1462	2552	4014	1496	2575	4071
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	15	3	18	2051	1270	3321	2066	1273	3339
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	50	26	76	4739	4299	9038	4789	4325	9114
	APPLIANCES & ELECTRICAL EQUIPMENT									
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	4	3	7	1601	1436	3037	1605	1439	3044
3352	ELECTRONIC EQUIPMENT NEC	18	8	26	10046	6232	16278	10064	6240	16304
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	21	2	23	11968	4508	16476	11989	4510	16499
3354	WATER HEATING SYSTEMS	5	1	6	1586	425	2011	1591	426	2017
3355	ELECTRIC & TELEPHONE CABLE & WIRE	-	-	-	3496	990	4486	3496	990	4486
3356	BATTERIES	7	3	10	1702	362	2064	1709	365	2074
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	57	33	90	17597	7813	25410	17654	7846	25500
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	112	50	162	47996	21766	69762	48108	21816	69924

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	OTHER MACHINERY & EQUIPMENT									
	INDUSTRIAL MACHINERY & EQUIPMENT									
3361	AGRICULTURAL MACHINERY	71	25	96	7396	876	8272	7467	901	8368
3362	CONSTRUCTION MACHINERY	16	7	23	1557	174	1731	1573	181	1754
3363	MATERIALS HANDLING EQUIPMENT	19	10	29	5388	711	6099	5407	721	6128
3364	WOOD & METAL WORKING MACHINERY	13	7	20	2410	411	2821	2423	418	2841
3365	PUMPS & COMPRESSORS	7	1	8	3939	569	4508	3946	570	4516
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	4	1	5	1867	320	2187	1871	321	2192
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	90	42	132	4007	663	4670	4097	705	4802
3368	FOOD PROCESSING MACHINERY	20	10	30	2562	250	2812	2582	260	2842
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	240	103	343	24254	3075	27329	24494	3178	27672
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	480	206	686	53380	7049	60429	53860	7255	61115
33	TOTAL OTHER MACHINERY & EQUIPMENT	642	282	924	106115	33114	139229	106757	33396	140153
	MISCELLANEOUS MANUFACTURING									
	LEATHER & LEATHER PRODUCTS									
3451	LEATHER TANNING & FUR DRESSING	13	8	21	1881	421	2302	1894	429	2323
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	27	17	44	647	974	1621	674	991	1665
345	TOTAL LEATHER & LEATHER PRODUCTS	40	25	65	2528	1395	3923	2568	1420	3988
	RUBBER PRODUCTS									
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	7	2	9	6274	618	6892	6281	620	6901
3462	RUBBER PRODUCTS NEC	6	3	9	2903	1171	4074	2909	1174	4083
346	TOTAL RUBBER PRODUCTS	13	5	18	9177	1789	10966	9190	1794	10984
	PLASTIC & RELATED PRODUCTS									
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	14	7	21	5397	2033	7430	5411	2040	7451

TABLE 3 - MANUFACTURING ESTABLISHMENTS (A) - AVERAGE EMPLOYMENT (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	WORKING PROPRIETORS			EMPLOYEES			TOTAL EMPLOYMENT		
		MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS	MALES	FEMALES	PERSONS
		NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.	NO.
	PLASTIC & RELATED PRODUCTS									
3472	RIGID PLASTIC SHEETING									
3473	HARD SURFACE FLOOR COVERINGS NEC	-	-	-	837	192	1029	837	192	1029
3474	PLASTIC PRODUCTS NEC	87	34	121	14366	8625	22991	14453	8659	23112
347	TOTAL PLASTIC & RELATED PRODUCTS	101	41	142	20600	10850	31450	20701	10891	31592
	OTHER MANUFACTURING									
3481	OPHTHALMIC ARTICLES	3	2	5	566	330	896	569	332	901
3482	JEWELLERY & SILVERWARE	81	30	111	1196	848	2044	1277	878	2155
3483	BROOMS & BRUSHES	9	5	14	816	780	1596	825	785	1610
3484	SIGNS & ADVERTISING DISPLAYS	121	61	182	2775	893	3668	2896	954	3850
3485	SPORTING EQUIPMENT	54	16	70	1106	460	1566	1160	476	1636
3486	WRITING & MARKING EQUIPMENT	7	2	9	423	524	947	430	526	956
3487	MANUFACTURING NEC	34	11	45	651	477	1128	685	488	1173
348	TOTAL OTHER MANUFACTURING	309	127	436	7533	4312	11845	7842	4439	12281
34	TOTAL MISCELLANEOUS MANUFACTURING	463	198	661	39838	18346	58184	40301	18544	58845
21-34	TOTAL MANUFACTURING	7011	3451	10462	780298	262145	1042443	787309	265596	1052905

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

(B) AVERAGE EMPLOYMENT OVER WHOLE YEAR.

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE	PAID TO PRODUCTION	PAID TO ALL
		ETC. EMPLOYEES (C)	EMPLOYEES	EMPLOYEES
		\$000	\$000	\$000
MANUFACTURING				
FOOD, BEVERAGES & TOBACCO				
MEAT PRODUCTS				
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	77777	494151	571928
2116	POULTRY	24120	68868	92987
2117	BACON, HAM & SMALLGOODS NEC	28347	82205	110551
211	TOTAL MEAT PRODUCTS	130243	645224	775467
MILK PRODUCTS				
2121	LIQUID MILK & CREAM	46084	73995	120080
2122	BUTTER	6321	25388	31710
2123	CHEESE	12277	51694	63972
2124	ICE CREAM & FROZEN CONFECTIONS	17264	27126	44390
2125	MILK PRODUCTS NEC	14553	24609	39162
212	TOTAL MILK PRODUCTS	96500	202813	299313
FRUIT & VEGETABLE PRODUCTS				
2131	FRUIT PRODUCTS	19446	56167	75613
2132	VEGETABLE PRODUCTS	33327	78341	111668
213	TOTAL FRUIT & VEGETABLE PRODUCTS	52774	134508	187281
2140	MARGARINE & OILS & FATS NEC	18362	30065	48427
FLOUR MILL AND CEREAL FOOD PRODUCTS				
2151	FLOUR MILL PRODUCTS	11201	25312	36512
2152	STARCH, GLUTEN & STARCH			
2153	SUGARS	4426	10363	14789
2153	CEREAL FOODS & BAKING MIXES	24020	49816	73836
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	39647	85490	125137
BREAD, CAKES & BISCUITS				
2161	BREAD	90979	122079	213058
2162	CAKES & PASTRIES	26915	71540	98455
2163	BISCUITS	21460	71403	92863

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE	PAID TO PRODUCTION	PAID TO ALL
		ETC. EMPLOYEES (C)	EMPLOYEES	EMPLOYEES
		\$000	\$000	\$000
BREAD, CAKES & BISCUITS				
216	TOTAL BREAD, CAKES AND BISCUITS	139354	265022	404376
OTHER FOOD PRODUCTS				
2171	RAW SUGAR	N.P. - INCLUDED WITH GROUP 217		
2173	CONFECTIONERY & COCOA PRODUCTS	29389	80133	109522
2174	PROCESSED SEAFOODS	9397	30727	40124
2175	PREPARED ANIMAL & BIRD FOODS	27842	43142	70984
2176	FOOD PRODUCTS NEC	N.P. - INCLUDED WITH GROUP 217		
217	TOTAL OTHER FOOD PRODUCTS	174183	377614	551796
BEVERAGES & MALT				
2185	SOFT DRINKS, CORDIALS & SYRUPS	44471	47153	91624
2186	BEER	74071	108891	182962
2187	MALT	N.P. - INCLUDED WITH GROUP 218		
2188	WINE & BRANDY	21168	43382	64550
2189	ALCOHOLIC BEVERAGES NEC	N.P. - INCLUDED WITH GROUP 218		
218	TOTAL BEVERAGES & MALT	144169	211071	355240
2190	TOBACCO PRODUCTS	35909	70697	106606
21	TOTAL FOOD, BEVERAGES & TOBACCO	831141	2022503	2853644
TEXTILES				
TEXTILE FIBRES, YARNS AND WOVEN FABRICS				
2341	COTTON GINNING	1882	5524	7406
2342	WOOL SCOURING & TOP MAKING	5232	19731	24963
2343	MAN-MADE FIBRES & YARNS	49470	26152	75622
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	13766	48740	62506
2345	COTTON YARNS & BROADWOVEN FABRICS	17023	52402	69425
2346	WORSTED YARNS & BROADWOVEN FABRICS	8594	19120	27714
2347	WODLLEN YARNS & BROADWOVEN FABRICS	5239	27129	32368
2348	NARROW WOVEN AND ELASTIC TEXTILES	3658	12757	16415

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS			
2349	TEXTILE FINISHING	5879	26587	32467
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	110744	238143	348887
	OTHER TEXTILE PRODUCTS			
2351	HOUSEHOLD TEXTILES	5268	17502	22769
2352	TEXTILE FLOOR COVERINGS	14480	34269	48749
2353	FELT & FELT PRODUCTS	4444	6822	11266
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	12129	19428	31557
2355	ROPE, CORDAGE AND TWINE	2129	5718	7847
2356	TEXTILE PRODUCTS NEC	13609	28751	42360
235	TOTAL OTHER TEXTILE PRODUCTS	52059	112490	164549
23	TOTAL TEXTILES	162803	350633	513436
	CLOTHING & FOOTWEAR			
	KNITTING MILLS			
2441	HOSIERY	8877	28219	37096
2442	CARDIGANS & PULLOVERS	9758	51783	61541
2443	KNITTED GOODS NEC	10792	49520	60312
244	TOTAL KNITTING MILLS	29427	129522	158948
	CLOTHING			
2451	MENS TROUSERS AND SHORTS; WORK CLOTHING	16139	82831	98970
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	9864	50604	60468
2453	WOMENS OUTERWEAR NEC	33089	144805	177894
2454	FOUNDATION GARMENTS	6308	19497	25805
2455	UNDERWEAR & INFANTS CLOTHING NEC	18127	116013	134140
2456	HEADWEAR & CLOTHING NEC	10736	37657	48394
245	TOTAL CLOTHING	94263	451408	545671
2460	FOOTWEAR	25544	116517	142060
24	TOTAL CLOTHING & FOOTWEAR	149233	697447	846680

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
	WOOD, WOOD PRODUCTS & FURNITURE			
	WOOD & WOOD PRODUCTS			
2531	LOG SAWMILLING	24679	114668	139346
2532	RESAWN & DRESSED TIMBER	31866	74751	106617
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	18603	60045	78668
2534	WOODEN DOORS	5474	11699	17172
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	49386	148859	198246
2536	WOODEN CONTAINERS	6046	12601	18648
2537	HARDWOOD WOODCHIPS	4399	9894	14293
2538	WOOD PRODUCTS NEC	9740	26474	36214
253	TOTAL WOOD & WOOD PRODUCTS	150193	459011	609204
	FURNITURE & MATTRESSES			
2541	FURNITURE (EXC SHEET METAL)	67974	238377	306351
2542	MATTRESSES (EXC RUBBER)	11097	23467	34564
254	TOTAL FURNITURE & MATTRESSES	79071	261844	340915
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	229264	720855	950119
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING			
	PAPER & PAPER PRODUCTS			
2631	PULP, PAPER & PAPERBOARD	48233	144809	193042
2632	PAPER BAGS (INCL TEXTILE BAGS)	8530	18944	27493
2633	SOLID FIBREBOARD CONTAINERS	13735	37128	50864
2634	CORRUGATED FIBREBOARD CONTAINERS	28931	75755	104685
2635	PAPER PRODUCTS NEC	19133	51895	71028
263	TOTAL PAPER & PAPER PRODUCTS	118562	328551	447113
	PRINTING & ALLIED INDUSTRIES			
2641	PUBLISHING	108743	26632	135375
2642	PRINTING & PUBLISHING	173388	291514	464902
2643	PAPER STATIONERY	49679	75818	125497
2644	PRINTING & BOOKBINDING	121544	340784	462328
2645	PRINTING TRADE SERVICES NEC	18526	57680	76206

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE	PAID TO PRODUCTION	PAID TO ALL
		ETC. EMPLOYEES (C)	EMPLOYEES	EMPLOYEES
		\$000	\$000	\$000
	PRINTING & ALLIED INDUSTRIES			
264	TOTAL PRINTING & ALLIED INDUSTRIES	471880	792428	1264308
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	590442	1120979	1711421
	CHEMICAL, PETROLEUM AND COAL PRODUCTS			
	BASIC CHEMICALS			
2751	CHEMICAL FERTILISERS	27730	44443	72174
2752	INDUSTRIAL GASES	N.P. - INCLUDED WITH GROUP 275		
2753	SYNTHETIC RESINS & RUBBER	48653	82553	131206
2754	ORGANIC INDUSTRIAL CHEMICALS NEC	N.P. - INCLUDED WITH GROUP 275		
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	28128	52570	80698
275	TOTAL BASIC CHEMICALS	151554	232361	383915
	OTHER CHEMICAL PRODUCTS			
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	22843	45693	68536
2762	PAINTS	65298	45141	110439
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	91708	92191	183899
2764	PESTICIDES	9301	11572	20873
2765	SOAP & OTHER DETERGENTS	49023	46809	95832
2766	COSMETICS & TOILET PREPARATIONS	41145	32360	73506
2767	INKS	7438	9437	16875
2768	CHEMICAL PRODUCTS NEC	20349	21782	42131
276	TOTAL OTHER CHEMICAL PRODUCTS	307106	304986	612091
2770	PETROLEUM REFINING	50516	86929	137445
2780	PETROLEUM & COAL PRODUCTS NEC	4413	6318	10730
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	513589	630593	1144182

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
	NON-METALLIC MINERAL PRODUCTS			
2850	GLASS & GLASS PRODUCTS	33655	104394	138049
	NON-METALLIC MINERAL PRODUCTS			
	CLAY PRODUCTS & REFRACTORIES			
2861	CLAY BRICKS	23120	82523	105642
2862	REFRACTORIES	6877	16216	23093
2863	CERAMIC TILES & PIPES	7560	26238	33798
2864	CERAMIC GOODS NEC	6729	24978	31707
286	TOTAL CLAY PRODUCTS & REFRACTORIES	44286	149955	194241
	CEMENT & CONCRETE PRODUCTS			
2871	CEMENT	24322	54872	79193
2872	READY MIXED CONCRETE	24038	40186	64224
2873	CONCRETE PIPES & BOX CULVERTS	55652	105730	161381
2874	CONCRETE PRODUCTS NEC			
287	TOTAL CEMENT & CONCRETE PRODUCTS	104011	200787	304798
	OTHER NON-METALLIC MINERAL PRODUCTS			
2881	PLASTER PRODUCTS & EXPANDED MINERALS	18410	14484	32894
2882	STONE PRODUCTS	2545	7366	9911
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	6123	16011	22134
2884	NON-METALLIC MINERAL PRODUCTS NEC	18761	40029	58790
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	45839	77890	123729
28	TOTAL NON-METALLIC MINERAL PRODUCTS	227791	533026	760817
	BASIC METAL PRODUCTS			
	BASIC IRON & STEEL			
2941	IRON & STEEL BASIC PRODUCTS	283252	559674	842926

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE	PAID TO PRODUCTION	PAID TO ALL
		ETC. EMPLOYEES (C)	EMPLOYEES	EMPLOYEES
		\$000	\$000	\$000
	BASIC IRON & STEEL			
2942	IRON CASTING	14818	60635	75453
2943	STEEL CASTING	9737	43445	53182
2944	IRON & STEEL FORGING	10019	21952	31971
2945	STEEL PIPES & TUBES	26603	79071	105674
294	TOTAL BASIC IRON AND STEEL	344430	764776	1109206
	BASIC NON-FERROUS METALS			
2951	COPPER SMELTING, REFINING	N.P. - INCLUDED WITH GROUP 295		
2952	SILVER, LEAD, ZINC SMELTING, REFINING	28251	59520	87771
2953	ALUMINA	45962	91184	137146
2954	ALUMINIUM SMELTING	47402	44508	91910
2955	NICKEL SMELTING, REFINING	N.P. - INCLUDED WITH GROUP 295		
2956	NON-FERROUS METALS NEC SMELTING, REFINING	1468	2270	3738
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	6133	12819	18952
295	TOTAL BASIC NON-FERROUS METALS	145558	264198	409756
	NON-FERROUS METAL BASIC PRODUCTS			
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	28965	58281	87246
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	12028	34176	46205
2963	NON-FERROUS METAL CASTING	6649	22972	29622
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	47643	115430	163073
29	TOTAL BASIC METAL PRODUCTS	537630	1144404	1682034
	FABRICATED METAL PRODUCTS			
	STRUCTURAL METAL PRODUCTS			
3141	FABRICATED STRUCTURAL STEEL	75988	259321	335309
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	52820	78532	131352
3143	ARCHITECTURAL METAL PRODUCTS NEC	12530	27426	39955

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE	PAID TO PRODUCTION	PAID TO ALL
		ETC. EMPLOYEES (C)	EMPLOYEES	EMPLOYEES
		\$000	\$000	\$000
	STRUCTURAL METAL PRODUCTS			
314	TOTAL STRUCTURAL METAL PRODUCTS	141337	365280	506617
	SHEET METAL PRODUCTS			
3151	METAL CONTAINERS	34035	95802	129837
3152	SHEET METAL FURNITURE	13286	26939	40225
3153	SHEET METAL PRODUCTS NEC	70943	179829	250772
315	TOTAL SHEET METAL PRODUCTS	118264	302570	420834
	OTHER FABRICATED METAL PRODUCTS			
3161	CUTLERY AND HAND TOOLS NEC	7340	17618	24958
3162	SPRINGS & WIRE PRODUCTS	31144	71662	102806
3163	NUTS, BOLTS, SCREWS & RIVETS	17051	35431	52482
3164	METAL COATING & FINISHING	18728	69050	87778
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	14958	45332	60290
3166	BOILER & PLATE WORK	13244	52910	66154
3167	METAL BLINDS & AWNINGS	9108	10436	19544
3168	FABRICATED METAL PRODUCTS NEC	71565	171397	242961
316	TOTAL OTHER FABRICATED METAL PRODUCTS	183137	473836	656973
31	TOTAL FABRICATED METAL PRODUCTS	442738	1141686	1584425
	TRANSPORT EQUIPMENT			
	MOTOR VEHICLES & PARTS			
3231	MOTOR VEHICLES	199859	462848	662707
3232	MOTOR VEHICLE BODIES, TRAILERS, CARAVANS	21372	72531	93902
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	15638	49351	64989
3234	MOTOR VEHICLE PARTS NEC	87533	352805	440338
323	TOTAL MOTOR VEHICLES & PARTS	324402	937535	1261937
	OTHER TRANSPORT EQUIPMENT			
3241	SHIPS	59887	133547	193434
3242	BOATS	5863	26044	31907

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
3243	OTHER TRANSPORT EQUIPMENT RAILWAY ROLLING STOCK AND LOCOMOTIVES	57106	339710	396816
3244	AIRCRAFT	97035	144706	241741
3245	TRANSPORT EQUIPMENT NEC	3,339	10782	14121
324	TOTAL OTHER TRANSPORT EQUIPMENT	223230	654789	878019
32	TOTAL TRANSPORT EQUIPMENT	547632	1592323	2139955
	OTHER MACHINERY & EQUIPMENT			
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT			
3341	PHOTOGRAPHIC & OPTICAL GOODS	9125	22899	32023
3342	PHOTOGRAPHIC FILM PROCESSING	17477	39184	56660
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	14605	38176	52781
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	41207	100258	141465
	APPLIANCES & ELECTRICAL EQUIPMENT			
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	26334	27030	53365
3352	ELECTRONIC EQUIPMENT NEC	88577	190855	279431
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	69367	189129	258496
3354	WATER HEATING SYSTEMS	11476	22470	33946
3355	ELECTRIC & TELEPHONE CABLE & WIRE	24844	54983	79827
3356	BATTERIES	9190	26432	35623
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	118169	289151	407320
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	347958	800049	1148008
	INDUSTRIAL MACHINERY & EQUIPMENT			
3361	AGRICULTURAL MACHINERY	34736	104737	139474
3362	CONSTRUCTION MACHINERY	8966	20729	29695
3363	MATERIALS HANDLING EQUIPMENT	33476	71043	104519

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
	INDUSTRIAL MACHINERY & EQUIPMENT			
3364	WOOD & METAL WORKING MACHINERY	12684	35050	47734
3365	PUMPS & COMPRESSORS	28463	45430	73893
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	15349	21434	36783
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	16013	60470	76483
3368	FOOD PROCESSING MACHINERY	13580	33200	46780
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	130818	333360	464178
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	294086	725452	1019539
33	TOTAL OTHER MACHINERY & EQUIPMENT	683251	1625760	2309011
	MISCELLANEOUS MANUFACTURING			
	LEATHER & LEATHER PRODUCTS			
3451	LEATHER TANNING & FUR DRESSING	7569	29281	36850
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	5124	15830	20955
345	TOTAL LEATHER & LEATHER PRODUCTS	12693	45112	57805
	RUBBER PRODUCTS			
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	36255	87014	123269
3462	RUBBER PRODUCTS NEC	17362	44457	61819
346	TOTAL RUBBER PRODUCTS	53617	131471	185087
	PLASTIC & RELATED PRODUCTS			
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	56554	80977	137531
3472	RIGID PLASTIC SHEETING			
3473	HARD SURFACE FLOOR COVERINGS NEC	6446	10273	16719
3474	PLASTIC PRODUCTS NEC	98770	249193	347964
347	TOTAL PLASTIC & RELATED PRODUCTS	161770	340444	502214

FOR FOOTNOTES SEE END OF TABLE

TABLE 4 - MANUFACTURING ESTABLISHMENTS (A) - WAGES AND SALARIES PAID (B) BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PAID TO ADMINISTRATIVE ETC. EMPLOYEES (C)	PAID TO PRODUCTION EMPLOYEES	PAID TO ALL EMPLOYEES
		\$000	\$000	\$000
	MISCELLANEOUS MANUFACTURING			
	OTHER MANUFACTURING			
3481	OPHTHALMIC ARTICLES	2844	10157	13001
3482	JEWELLERY & SILVERWARE	8455	16977	25432
3483	BROOMS & BRUSHES	7229	13298	20526
3484	SIGNS & ADVERTISING DISPLAYS	21296	32318	53614
3485	SPORTING EQUIPMENT	5757	14721	20478
3486	WRITING & MARKING EQUIPMENT	5476	7892	13368
3487	MANUFACTURING NEC	5354	10135	15489
348	TOTAL OTHER MANUFACTURING	56411	105498	161909
34	TOTAL MISCELLANEOUS MANUFACTURING	284490	622524	907015
21-34	TOTAL MANUFACTURING	5200005	12202733	17402738

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

(B) EXCLUDES THE DRAWINGS OF WORKING PROPRIETORS.

(C) WAGES AND SALARIES PAID TO ADMINISTRATIVE OFFICE, SALES AND DISTRIBUTION EMPLOYEES.

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)					TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL	ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	
		\$000	\$000	\$000	\$000	\$000	\$000
MANUFACTURING							
FOOD, BEVERAGES & TOBACCO							
MEAT PRODUCTS							
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	3039901	40645	3080545	256052	1064	3337662
2116	POULTRY	646075	28175	674250	493	-	674743
2117	BACON, HAM & SMALLGOODS NEC	725973	7497	733470	2053	964	736488
211	TOTAL MEAT PRODUCTS	4411948	76317	4488265	258599	2029	4748893
MILK PRODUCTS							
2121	LIQUID MILK & CREAM	1193236	48298	1241534	21119	78	1262731
2122	BUTTER	405310	6842	412153	8367	-	420519
2123	CHEESE	601254	22740	624194	5073	459	629677
2124	ICE CREAM & FROZEN CONFECTIONS	248004	3895	251889	1221	2	253112
2125	MILK PRODUCTS NEC	256593	5295	261888	1317	179	263384
212	TOTAL MILK PRODUCTS	2704398	87261	2791658	37047	718	2829423
FRUIT & VEGETABLE PRODUCTS							
2131	FRUIT PRODUCTS	517151	10187	527337	6144	1005	534487
2132	VEGETABLE PRODUCTS	539818	8248	548065	1979	731	550776
213	TOTAL FRUIT & VEGETABLE PRODUCTS	1056968	18435	1075403	8123	1736	1085263
2140	MARGARINE & OILS & FATS NEC	531539	23740	555279	7416	366	563061
FLOUR MILL AND CEREAL FOOD PRODUCTS							
2151	FLOUR MILL PRODUCTS	419709	16137	435846	1952	5	437803
2152	STARCH, GLUTEN & STARCH						
2153	SUGARS	111566	2309	113875	622	46	114544
2153	CEREAL FOODS & BAKING MIXES	487303	20890	508183	4516	1316	514015
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	1018578	39326	1057904	7090	1368	1066362
BREAD, CAKES & BISCUITS							
2161	BREAD	722615	40892	763507	1603	57	765167
2162	CAKES & PASTRIES	362883	9705	372588	962	10	373560

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL			
		\$000	\$000	\$000	\$000	\$000	\$000
2163	BREAD, CAKES & BISCUITS	317209	172	317381	977	241	318598
216	TOTAL BREAD, CAKES AND BISCUITS	1402707	50768	1453475	3541	308	1457325
	OTHER FOOD PRODUCTS						
2171	RAW SUGAR		N.P. - INCLUDED WITH GROUP 217				
2173	CONFECTIONERY & COCOA PRODUCTS	486248	7766	494015	1245	73	495333
2174	PROCESSED SEAFOODS	435678	49262	484939	12499	43	497481
2175	PREPARED ANIMAL & BIRD FOODS	932274	25040	957314	9315	375	967004
2176	FOOD PRODUCTS NEC		N.P. - INCLUDED WITH GROUP 217				
217	TOTAL OTHER FOOD PRODUCTS	3565202	110220	3675421	96632	18504	3790558
	BEVERAGES & MALT						
2185	SOFT DRINKS, CORDIALS & SYRUPS	736412	42798	779210	5331	257	784798
2186	BEER	998735	6635	1005370	2927	225	1008522
2187	MALT		N.P. - INCLUDED WITH GROUP 218				
2188	WINE & BRANDY	471774	12085	483859	7743	139	491742
2189	ALCOHOLIC BEVERAGES NEC		N.P. - INCLUDED WITH GROUP 218				
218	TOTAL BEVERAGES & MALT	2386109	67627	2453737	17973	621	2472330
2190	TOBACCO PRODUCTS	486194	2935	489129	742	3888	493759
21	TOTAL FOOD, BEVERAGES & TOBACCO	17563643	476629	18040272	437163	29538	18506973
	TEXTILES						
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS						
2341	COTTON GINNING	71837	-	71837	20558	-	92395
2342	WOOL SCOURING & TOP MAKING	186323	558	186881	25732	39	212652
2343	MAN-MADE FIBRES & YARNS	108401	411	108812	8117	296	117225
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	221376	4409	225785	12814	355	238955
2345	COTTON YARNS & BROADWOVEN FABRICS	210507	4957	215464	19884	192	235340
2346	WORSTED YARNS & BROADWOVEN FABRICS	86922	474	87396	7755	105	95256

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL			
		\$000	\$000	\$000	\$000	\$000	\$000
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS						
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	135529	914	136444	6271	-	142714
2348	NARROW WOVEN AND ELASTIC TEXTILES	53846	4145	57991	3111	-	61102
2349	TEXTILE FINISHING	29071	277	29348	89979	-	119328
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	1103612	16145	1119758	194222	986	1314966
	OTHER TEXTILE PRODUCTS						
2351	HOUSEHOLD TEXTILES	92505	8082	100587	11962	-	112549
2352	TEXTILE FLOOR COVERINGS	312740	174	312914	7480	161	320555
2353	FELT & FELT PRODUCTS	47346	2503	49849	645	26	50520
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	117013	7607	124620	7696	7	132323
2355	ROPE, CORDAGE AND TWINE	23908	1430	25338	3529	-	28867
2356	TEXTILE PRODUCTS NEC	182139	4142	186281	930	339	187550
235	TOTAL OTHER TEXTILE PRODUCTS	775651	23939	799589	32241	533	832364
23	TOTAL TEXTILES	1879263	40084	1919347	226463	1519	2147330
	CLOTHING & FOOTWEAR						
	KNITTING MILLS						
2441	HOSIERY	120762	8884	129646	1739	16	131401
2442	CARDIGANS & PULLOVERS	177793	5389	183182	11799	3	194984
2443	KNITTED GOODS NEC	286843	2871	289713	19947	175	309835
244	TOTAL KNITTING MILLS	585398	17143	602541	33484	194	636219
	CLOTHING						
2451	MENS TROUSERS AND SHORTS; WORK CLOTHING	282815	7988	290803	60265	1	351069
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	126463	3761	130224	15439	-	145663
2453	WOMENS OUTERWEAR NEC	523869	9161	533031	118161	25	651216
2454	FOUNDATION GARMENTS	74639	4343	78983	3495	-	82478
2455	UNDERWEAR & INFANTS CLOTHING NEC	378284	8494	386778	51668	-	438446
2456	HEADWEAR & CLOTHING NEC	132819	5849	138668	19833	-	158501

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)					TOTAL	ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT							
		\$000	\$000	\$000	\$000	\$000				
	CLOTHING									
245	TOTAL CLOTHING	1518889	39597	1558486	268860	26	1827373			
2460	FOOTWEAR	424585	13439	438024	15571	1	453596			
24	TOTAL CLOTHING & FOOTWEAR	2528872	70179	2599051	317916	221	2917188			
	WOOD, WOOD PRODUCTS & FURNITURE									
	WOOD & WOOD PRODUCTS									
2531	LOG SAWMILLING	495382	23077	518458	14821	78	533357			
2532	RESAWN & DRESSED TIMBER	429768	47635	477403	17012	323	494738			
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	368374	18281	386655	3261	433	390349			
2534	WOODEN DOORS	74041	6090	80131	620	5	80756			
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	729140	33070	762210	19253	13403	794866			
2536	WOODEN CONTAINERS	46198	10388	56587	24461	3284	84331			
2537	HARDWOOD WOODCHIPS	149800	3259	153059	374	25	153458			
2538	WOOD PRODUCTS NEC	129008	12033	137041	1681	110	138832			
253	TOTAL WOOD & WOOD PRODUCTS	2417710	153833	2571543	81483	17660	2670686			
	FURNITURE & MATTRESSES									
2541	FURNITURE (EXC SHEET METAL)	1075213	21574	1096787	28127	453	1125367			
2542	MATTRESSES (EXC RUBBER)	177673	7286	184959	805	-	185764			
254	TOTAL FURNITURE & MATTRESSES	1252886	28861	1281746	28932	453	1311131			
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	3670596	182693	3853289	110415	18113	3981817			
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING									
	PAPER & PAPER PRODUCTS									
2631	PULP, PAPER & PAPERBOARD	898969	1274	900243	32040	1417	933700			
2632	PAPER BAGS (INCL TEXTILE BAGS)	127567	23132	150700	361	23	151084			
2633	SOLID FIBREBOARD CONTAINERS	278035	6115	284150	841	-	284991			
2634	CORRUGATED FIBREBOARD CONTAINERS	593727	7822	601549	2449	10	604008			

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)					TOTAL \$000	ALL OTHER OPERATING REVENUE (C) \$000	CAPITAL WORK DONE FOR OWN USE \$000	TOTAL TURNOVER \$000
		GOODS PRODUCED BY THE ESTABLISHMENT		GOODS NOT PRODUCED BY THE ESTABLISHMENT		TOTAL				
		\$000	\$000	\$000	\$000					
2635	PAPER & PAPER PRODUCTS									
	PAPER PRODUCTS NEC	355230		11054		366285	1702	312	368299	
263	TOTAL PAPER & PAPER PRODUCTS	2253529		49398		2302926	37393	1762	2342082	
	PRINTING & ALLIED INDUSTRIES									
2641	PUBLISHING	300503		20728		321231	308966	-	630197	
2642	PRINTING & PUBLISHING	469667		11333		481000	862556	338	1343895	
2643	PAPER STATIONERY	464678		25110		489789	3225	24	493038	
2644	PRINTING & BOOKBINDING	1375927		30873		1406801	84956	282	1492039	
2645	PRINTING TRADE SERVICES NEC	28940		3552		32492	150744	-	183256	
264	TOTAL PRINTING & ALLIED INDUSTRIES	2639715		91596		2731311	1410449	644	4142404	
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	4893244		140994		5034238	1447842	2406	6484486	
	CHEMICAL, PETROLEUM AND COAL PRODUCTS									
	BASIC CHEMICALS									
2751	CHEMICAL FERTILISERS	611037		26546		637584	46036	470	684090	
2752	INDUSTRIAL GASES									
2753	SYNTHETIC RESINS & RUBBER	997681		23663		1021345	36494	880	1058719	
2754	ORGANIC INDUSTRIAL CHEMICALS NEC									
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	497546		24033		521579	4557	639	526775	
275	TOTAL BASIC CHEMICALS	2928402		93396		3021798	132150	2967	3156915	
	OTHER CHEMICAL PRODUCTS									
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	161455		7294		168749	36445	1100	206293	
2762	PAINTS	531297		48857		580153	2465	27	582645	
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	851590		48150		899740	16823	238	916800	
2764	PESTICIDES	248451		15281		263732	1546	23	265300	
2765	SOAP & OTHER DETERGENTS	585087		39796		624884	4054	669	629607	
2766	COSMETICS & TOILET PREPARATIONS	352921		10532		363453	1638	16	365106	
2767	INKS	106466		15239		121705	6	-	121711	
2768	CHEMICAL PRODUCTS NEC	241124		25601		266725	4220	6	270951	

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL			
		\$000	\$000	\$000	\$000	\$000	\$000
	OTHER CHEMICAL PRODUCTS						
276	TOTAL OTHER CHEMICAL PRODUCTS	3078391	210750	3289142	67196	2077	3358415
2770	PETROLEUM REFINING	1086355	16	1086371	421515	1542	1509428
2780	PETROLEUM & COAL PRODUCTS NEC	93564	5579	99143	568	4	99715
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	7186712	309741	7496453	621429	6590	8124472
	NON-METALLIC MINERAL PRODUCTS						
2850	GLASS & GLASS PRODUCTS	489165	10248	499413	1756	632	501801
	NON-METALLIC MINERAL PRODUCTS						
	CLAY PRODUCTS & REFRACTORIES						
2861	CLAY BRICKS	386019	1371	387390	5394	1053	393837
2862	REFRACTORIES	76408	4737	81145	1291	131	82568
2863	CERAMIC TILES & PIPES	98682	3418	102100	1471	3	103574
2864	CERAMIC GOODS NEC	75115	6507	81622	409	2	82033
286	TOTAL CLAY PRODUCTS & REFRACTORIES	636225	16033	652258	8565	1189	662012
	CEMENT & CONCRETE PRODUCTS						
2871	CEMENT	511592	20967	532559	770	684	534013
2872	READY MIXED CONCRETE	798628	8519	807147	6064	26	81323R
2873	CONCRETE PIPES & BOX CULVERTS	565590	39278	604868	26501	706	632075
2874	CONCRETE PRODUCTS NEC						
287	TOTAL CEMENT & CONCRETE PRODUCTS	1875810	68765	1944575	33335	1416	1979326
	OTHER NON-METALLIC MINERAL PRODUCTS						
2881	PLASTER PRODUCTS & EXPANDED MINERALS	148170	10461	158631	1108	309	160048
2882	STONE PRODUCTS	34560	1385	35945	497	16	36458

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFER OUT (B)			TOTAL	ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT		GOODS NOT PRODUCED BY THE ESTABLISHMENT				
		\$000	\$000	\$000				
	OTHER NON-METALLIC MINERAL PRODUCTS							
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	88031	5785	93816	463	-	94279	
2884	NON-METALLIC MINERAL PRODUCTS NEC	243113	23415	266529	3511	642	270682	
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	513874	41046	554920	5580	967	561467	
28	TOTAL NON-METALLIC MINERAL PRODUCTS	3515074	136092	3651166	49236	4203	3704605	
	BASIC METAL PRODUCTS							
	BASIC IRON & STEEL							
2941	IRON & STEEL BASIC PRODUCTS	3699462	43671	3743133	74206	44317	3821655	
2942	IRON CASTING	209480	7978	217458	2594	210	220263	
2943	STEEL CASTING	145655	2362	148017	2778	134	150929	
2944	IRON & STEEL FORGING	110288	3685	113973	1860	253	116085	
2945	STEEL PIPES & TUBES	440005	5522	445526	11793	2448	459767	
294	TOTAL BASIC IRON AND STEEL	4604889	63218	4668107	53230	47363	4768700	
	BASIC NON-FERROUS METALS							
2951	COPPER SMELTING, REFINING							
2952	SILVER, LEAD, ZINC SMELTING, REFINING	703236	496	703732	46277	524	750534	
2953	ALUMINA	936029	9799	945828	216252	2277	1164358	
2954	ALUMINIUM SMELTING	448223	-	448223	102321	740	551283	
2955	NICKEL SMELTING, REFINING							
2956	NON-FERROUS METALS NEC SMELTING, REFINING	68457	589	69046	176	-	69221	
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	230218	13009	243227	5352	2	248581	
295	TOTAL BASIC NON-FERROUS METALS	3095236	23893	3119129	430968	4894	3554991	
	NON-FERROUS METAL BASIC PRODUCTS							
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	652320	3380	655700	1407	460	657566	

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)					TOTAL \$000	ALL OTHER OPERATING REVENUE (C) \$000	CAPITAL WORK DONE FOR OWN USE \$000	TOTAL TURNOVER \$000
		GOODS PRODUCED BY THE ESTABLISHMENT		GOODS NOT PRODUCED BY THE ESTABLISHMENT		TOTAL				
		\$000	\$000	\$000	\$000					
	NON-FERROUS METAL BASIC PRODUCTS									
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	344209		5551		349760	809	331	350899	
2963	NON-FERROUS METAL CASTING	97376		1269		98646	631	16	99292	
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	1093905		10200		1104105	2847	806	1107758	
29	TOTAL BASIC METAL PRODUCTS	8794029		97311		8891341	487045	53063	9431449	
	FABRICATED METAL PRODUCTS									
	STRUCTURAL METAL PRODUCTS									
3141	FABRICATED STRUCTURAL STEEL	1414700		52610		1467310	95163	2444	1564918	
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	550790		20485		571275	10632	12	581919	
3143	ARCHITECTURAL METAL PRODUCTS NEC	156031		10066		166097	4739	159	170995	
314	TOTAL STRUCTURAL METAL PRODUCTS	2121521		83161		2204682	110534	2616	2317832	
	SHEET METAL PRODUCTS									
3151	METAL CONTAINERS	678525		15911		694436	14957	12550	721944	
3152	SHEET METAL FURNITURE	127682		17278		144960	1961	138	147059	
3153	SHEET METAL PRODUCTS NEC	903437		47454		950891	23028	812	979731	
315	TOTAL SHEET METAL PRODUCTS	1709643		80643		1790287	44946	13501	1848734	
	OTHER FABRICATED METAL PRODUCTS									
3161	CUTLERY AND HAND TOOLS NEC	73781		3669		77450	3174	35	80658	
3162	SPRINGS & WIRE PRODUCTS	428257		33941		462198	8316	742	471256	
3163	NUTS, BOLTS, SCREWS & RIVETS	171676		15550		187226	657	59	187942	
3164	METAL COATING & FINISHING	26724		5148		31872	247812	58	279743	
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	207479		8216		215696	2209	32	217936	
3166	BOILER & PLATE WORK	195099		3514		198613	16895	477	215985	
3167	METAL BLINDS & AWNINGS	88868		1878		90746	3645	15	94407	
3168	FABRICATED METAL PRODUCTS NEC	614874		27437		642311	66150	1118	709579	

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			TOTAL	ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT					
		\$000	\$000	\$000	\$000	\$000	\$000	
	OTHER FABRICATED METAL PRODUCTS							
316	TOTAL OTHER FABRICATED METAL PRODUCTS	1806759	99355	1906114	348857	2535	2257506	
31	TOTAL FABRICATED METAL PRODUCTS	5637923	263159	5901082	504338	18651	6424071	
	TRANSPORT EQUIPMENT							
	MOTOR VEHICLES & PARTS							
3231	MOTOR VEHICLES	3932629	17805	3950433	61830	39697	4051960	
3232	MOTOR VEHICLE BODIES, TRAILERS, CARAVANS	313799	26326	340125	42295	302	382725	
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	226405	2199	228604	1991	1175	231770	
3234	MOTOR VEHICLE PARTS NEC	1160370	36722	1197092	113651	2307	1313051	
323	TOTAL MOTOR VEHICLES & PARTS	5633202	83052	5716255	219770	43480	5979505	
	OTHER TRANSPORT EQUIPMENT							
3241	SHIPS	129624	856	130479	293438	898	424816	
3242	BOATS	89588	5162	94750	33698	224	128672	
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	404984	6433	411417	516877	15680	943973	
3244	AIRCRAFT	124050	4985	129035	368771	14262	509168	
3245	TRANSPORT EQUIPMENT NEC	46504	7547	54052	481	94	54626	
324	TOTAL OTHER TRANSPORT EQUIPMENT	794749	24983	819732	1210365	31158	2061256	
32	TOTAL TRANSPORT EQUIPMENT	6427951	108036	6535987	1430135	74639	8040761	
	OTHER MACHINERY & EQUIPMENT							
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT							
3341	PHOTOGRAPHIC & OPTICAL GOODS	167081	2989	170070	4780	9371	184221	
3342	PHOTOGRAPHIC FILM PROCESSING	776	17310	18085	251352	2	269439	
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	125412	14514	139926	17471	104	157502	

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)					TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL	ALL OTHER REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	
		\$000	\$000	\$000	\$000	\$000	
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT						
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	293268	34813	328082	273603	9477	611162
	APPLIANCES & ELECTRICAL EQUIPMENT						
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	244744	6865	251609	1272	1	252882
3352	ELECTRONIC EQUIPMENT NEC	775979	24075	800054	83474	39270	922798
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	1039064	33427	1072492	34321	6215	1113028
3354	WATER HEATING SYSTEMS	129950	4889	134840	4225	187	139251
3355	ELECTRIC & TELEPHONE CABLE & WIRE	475338	15650	490988	1019	4912	496918
3356	BATTERIES	119413	1553	120966	89	62	121116
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	1226899	75191	1302090	123280	918	1426288
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	4011386	161651	4173037	247680	51565	4472281
	INDUSTRIAL MACHINERY & EQUIPMENT						
3361	AGRICULTURAL MACHINERY	393121	23248	416369	10194	858	427421
3362	CONSTRUCTION MACHINERY	97504	4342	101846	7944	362	110151
3363	MATERIALS HANDLING EQUIPMENT	367936	23635	391571	25662	162	417395
3364	WOOD & METAL WORKING MACHINERY	125941	7492	133434	16765	137	150336
3365	PUMPS & COMPRESSORS	231183	19668	250851	22215	199	273266
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	133220	6921	140141	12618	5	152763
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	187346	10576	197921	13787	12	211720
3368	FOOD PROCESSING MACHINERY	122579	20968	143547	9068	88	152703
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	1199857	97727	1297585	298537	9720	1605842
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	2558687	214576	3073264	416789	11544	3501597

FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL			
		\$000	\$000	\$000			
33	TOTAL OTHER MACHINERY & EQUIPMENT	7163342	411040	7574382	938073	72586	8585040
	MISCELLANEOUS MANUFACTURING						
3451	LEATHER & LEATHER PRODUCTS LEATHER TANNING & FUR DRESSING	208112	2394	210506	10636	1	221144
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	76089	4015	80104	3117	-	83221
345	TOTAL LEATHER & LEATHER PRODUCTS	284202	6409	290611	13753	1	304365
	RUBBER PRODUCTS						
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	515276	22923	538198	19966	570	558734
3462	RUBBER PRODUCTS NEC	194031	6761	200792	3617	420	204829
346	TOTAL RUBBER PRODUCTS	709307	29684	738991	23583	990	763564
	PLASTIC & RELATED PRODUCTS						
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	628280	33505	661785	6465	49	668299
3472	RIGID PLASTIC SHEETING						
3473	HARD SURFACE FLOOR COVERINGS NEC	79633	4888	84521	803	-	85323
3474	PLASTIC PRODUCTS NEC	1447875	79149	1527023	16334	972	1544329
347	TOTAL PLASTIC & RELATED PRODUCTS	2155787	117542	2273328	23602	1021	2297952
	OTHER MANUFACTURING						
3481	OPHTHALMIC ARTICLES	36648	2989	39636	753	-	40390
3482	JEWELLERY & SILVERWARE	99872	6006	105877	3434	2	109313
3483	BROOMS & BRUSHES	66389	10354	76743	635	123	77502
3484	SIGNS & ADVERTISING DISPLAYS	127309	6236	133545	23748	5114	162407
3485	SPORTING EQUIPMENT	76923	8221	85144	1637	4	86786
3486	WRITING & MARKING EQUIPMENT	49418	5794	55211	663	-	55874
3487	MANUFACTURING NEC	67981	2441	70422	3860	-	74282
348	TOTAL OTHER MANUFACTURING	524539	42041	566580	34731	5244	606554

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FOR FOOTNOTES SEE END OF TABLE

TABLE 5 - MANUFACTURING ESTABLISHMENTS (A) - COMPONENTS OF TURNOVER BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	SALES AND TRANSFERS OUT (B)			ALL OTHER OPERATING REVENUE (C)	CAPITAL WORK DONE FOR OWN USE	TOTAL TURNOVER
		GOODS PRODUCED BY THE ESTABLISHMENT	GOODS NOT PRODUCED BY THE ESTABLISHMENT	TOTAL			
		\$000	\$000	\$000	\$000	\$000	\$000
34	TOTAL MISCELLANEOUS MANUFACTURING	3673834	195675	3869509	95669	7256	3972435
21-34	TOTAL MANUFACTURING	72934484	2451635	75366119	6665723	288785	82320627

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

(B) TRANSFERS OUT TO OTHER ESTABLISHMENTS OF THE SAME ENTERPRISE.

(C) INCLUDES BOUNTIES AND SUBSIDIES ON PRODUCTION, IMPUTED COMMISSION FOR WORK DONE OR SALES CARRIED OUT ON BEHALF OF OTHER ESTABLISHMENTS OF THE SAME ENTERPRISE. EXCLUDES INTEREST, ROYALTIES, DIVIDENDS AND RECEIPTS FROM SALES OF FIXED ASSETS.

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
MANUFACTURING									
FOOD, BEVERAGES & TOBACCO									
MEAT PRODUCTS									
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	42362	12511	121229	176103	41787	12150	117219	171156
2116	POULTRY	6758	3920	31470	42208	7677	6399	41691	55767
2117	BACON, HAM & SMALLGOODS NEC	23419	9887	18089	51395	24791	10508	20067	55366
211	TOTAL MEAT PRODUCTS	72539	26378	170788	269705	74255	29057	178977	282289
MILK PRODUCTS									
2121	LIQUID MILK & CREAM	23293	652	11345	35290	23371	717	13492	37580
2122	BUTTER	4379	12	31076	35467	4366	138	44760	49264
2123	CHEESE	57523	513	41881	99916	70362	565	61738	132666
2124	ICE CREAM & FROZEN CONFECTIONS	7514	97	4990	12601	8243	119	7894	16257
2125	MILK PRODUCTS NEC	9716	3219	10965	23900	10135	3872	14518	28525
212	TOTAL MILK PRODUCTS	102425	4494	100257	207175	116478	5411	142402	264291
FRUIT & VEGETABLE PRODUCTS									
2131	FRUIT PRODUCTS	28631	2197	60767	91595	31078	3102	63861	98040
2132	VEGETABLE PRODUCTS	45021	18727	50226	113975	48253	21445	54698	124395
213	TOTAL FRUIT & VEGETABLE PRODUCTS	73652	20924	110993	205569	79331	24546	118558	222435
2140	MARGARINE & OILS & FATS NEC	36525	8537	22874	67937	29222	19573	24135	72929
FLOUR MILL AND CEREAL FOOD PRODUCTS									
2151	FLOUR MILL PRODUCTS	10784	106	6074	16965	20480	166	7151	27797
2152	STARCH, GLUTEN & STARCH	3918	86	5951	9955	4217	60	5952	10228
2153	CEREAL FOODS & BAKING MIXES	92156	905	21504	114564	84879	1133	18586	104599
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	106857	1097	33529	141483	109576	1359	31689	142625
BREAD, CAKES & BISCUITS									
2161	BREAD	13436	47	282	13765	14978	35	310	15323
2162	CAKES & PASTRIES	12846	440	5441	18727	13263	353	5687	19303
2163	BISCUITS	11506	1051	4768	17325	12292	891	5673	18856

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETCI	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETCI	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	BREAD, CAKES & BISCUITS								
216	TOTAL BREAD, CAKES AND BISCUITS	37789	1538	10491	49818	40533	1278	11670	53481
	OTHER FOOD PRODUCTS								
2171	RAW SUGAR								
2173	CONFECTIONERY & COCOA PRODUCTS	35659	10565	19289	65512	39511	10322	19707	69539
2174	PROCESSED SEAFOODS	17870	155	38825	56850	18784	234	32467	51485
2175	PREPARED ANIMAL & BIRD FOODS	49396	364	21895	71655	55473	319	21715	77507
2176	FOOD PRODUCTS NEC								
217	TOTAL OTHER FOOD PRODUCTS	199192	14350	119616	333159	217816	14192	118645	350653
	BEVERAGES & MALT								
2185	SOFT DRINKS, CORDIALS & SYRUPS	38391	1133	30415	69938	44671	1089	34550	80309
2186	BEER	23576	12338	16979	52893	26766	15021	21836	63623
2187	MALT								
2188	WINE & BRANDY	19660	28737	232581	280980	23126	30645	243229	296999
2189	ALCOHOLIC BEVERAGES NEC								
218	TOTAL BEVERAGES & MALT	103044	45884	293553	442482	117999	50383	312449	480831
2190	TOBACCO PRODUCTS	178502	9325	250	188077	209333	9148	255	218758
21	TOTAL FOOD, BEVERAGES & TOBACCO	910525	132527	862352	1905405	994564	154948	938781	2088293
	TEXTILES								
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS								
2341	COTTON GINNING	996	-	3920	4916	1488	-	4898	6586
2342	WOOL SCOURING & TOP MAKING	13954	1060	11252	26266	13730	1107	8952	23788
2343	MAN-MADE FIBRES & YARNS	18726	3188	12376	34290	18201	3011	8827	30039
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	21187	18748	16250	56185	17586	18756	18499	54840
2345	COTTON YARNS & BROADWOVEN FABRICS	17316	10980	19818	48113	15240	10332	21078	46450
2346	WORSTED YARNS & BROADWOVEN FABRICS	5159	8497	5008	18664	5449	8466	5675	19590
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	13325	9044	4564	26934	10819	7302	3656	21778

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS & FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS & FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS								
2348	NARROW WOVEN AND ELASTIC TEXTILES	6958	1962	4450	13369	6568	2449	4364	13382
2349	TEXTILE FINISHING	5802	2271	896	8970	5711	2063	945	8720
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	103422	55750	78533	237705	94991	53486	76895	225372
	OTHER TEXTILE PRODUCTS								
2351	HOUSEHOLD TEXTILES	12614	3136	8275	24025	12050	3291	8394	23735
2352	TEXTILE FLOOR COVERINGS	25409	9419	23323	58151	21737	8281	22799	52817
2353	FELT & FELT PRODUCTS	3682	2054	4442	10178	3186	2012	5561	10759
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	13531	1106	4121	18758	13472	1151	3717	18339
2355	ROPE, CORDAGE AND TWINE	2333	933	4863	8129	1849	792	4749	7390
2356	TEXTILE PRODUCTS NEC	21022	4080	12508	37611	19369	3669	13894	36932
235	TOTAL OTHER TEXTILE PRODUCTS	78591	20729	57532	156852	71663	19195	59114	149972
23	TOTAL TEXTILES	182013	76479	136065	394557	166654	72681	136009	375344
	CLOTHING & FOOTWEAR								
	KNITTING MILLS								
2441	HOSIERY	8263	4273	8186	20722	8256	4985	9832	23073
2442	CARDIGANS & PULLOVERS	17206	8608	11342	37156	17526	8651	11570	37747
2443	KNITTED GOODS NEC	30779	11309	17674	59762	28692	12213	16707	57613
244	TOTAL KNITTING MILLS	56248	24189	37203	117640	54474	25848	38110	118432
	CLOTHING								
	MENS TROUSERS AND SHORTS; WORK CLOTHING								
2451	MENS TROUSERS AND SHORTS; WORK CLOTHING	21828	8713	37820	68360	19304	7695	32252	59251
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	13023	5328	8040	26391	12405	5091	7271	24767
2453	WOMENS OUTERWEAR NEC	36459	16649	24070	77199	36228	16725	26223	79176
2454	FOUNDATION GARMENTS	5593	2736	6617	14946	4822	2307	5531	12600
2455	UNDERWEAR & INFANTS CLOTHING NEC	37702	15480	25345	78527	35989	15534	24544	76067
2456	HEADWEAR & CLOTHING NEC	9883	3798	12303	25984	10939	3845	12307	27090
245	TOTAL CLOTHING	124488	52724	114195	291407	119687	51196	108128	279011
2460	FOOTWEAR	30345	9547	29714	69606	29808	9504	28097	67408

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
24	TOTAL CLOTHING & FOOTWEAR	211081	86460	181112	478653	203969	86548	174335	464851
	WOOD, WOOD PRODUCTS & FURNITURE								
	WOOD & WOOD PRODUCTS								
2531	LOG SAWMILLING	26299	16242	45012	87553	24248	15699	48081	88028
2532	RESAWN & DRESSED TIMBER	43960	20701	45002	109662	41805	17674	46773	106252
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	26254	7820	25407	59481	27692	8949	21795	58437
2534	WOODEN DOORS	7797	830	3848	12475	6647	560	3797	11004
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	48258	28349	12494	89104	49587	30251	10829	90666
2536	WOODEN CONTAINERS	4030	850	1604	6484	3453	877	1575	5906
2537	HARDWOOD WOODCHIPS	4610	137	13034	17781	3868	77	13349	17295
2538	WOOD PRODUCTS NEC	11308	3075	6054	20437	11184	2947	6116	20246
253	TOTAL WOOD & WOOD PRODUCTS	172517	78003	152458	402978	168485	77034	152314	397833
	FURNITURE & MATTRESSES								
2541	FURNITURE (EXC SHEET METAL)	83269	44628	29817	157714	74734	42075	27929	144738
2542	MATTRESSES (EXC RUBBER)	17058	2265	4799	24122	17019	2494	5102	24615
254	TOTAL FURNITURE & MATTRESSES	100327	46893	34616	181836	91753	44568	33031	169353
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	272843	124896	187074	584813	260238	121603	185345	567186
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING								
	PAPER & PAPER PRODUCTS								
2631	PULP, PAPER & PAPERBOARD	86204	4439	36334	126977	70377	4019	35814	110210
2632	PAPER BAGS (INCL TEXTILE BAGS)	12007	1621	10057	23685	9272	2039	8203	19514
2633	SOLID FIBREBOARD CONTAINERS	21861	10394	12438	44693	19717	9930	16099	45745
2634	CORRUGATED FIBREBOARD CONTAINERS	38825	6023	15983	60831	44532	5710	16252	66495
2635	PAPER PRODUCTS NEC	34120	1705	24249	60073	28741	5970	25411	60122
263	TOTAL PAPER & PAPER PRODUCTS	193017	24181	99060	316258	172639	27667	101780	302087
	PRINTING & ALLIED INDUSTRIES								
2641	PUBLISHING	19566	5218	44148	68932	16197	7674	44176	68048
2642	PRINTING & PUBLISHING	122606	2502	2786	127894	113467	2910	3617	119993

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	PRINTING & ALLIED INDUSTRIES								
2643	PAPER STATIONERY	49437	13596	35878	98871	40760	13341	38995	93096
2644	PRINTING & BOOKBINDING	90768	43906	20230	154904	85638	46537	22122	154297
2645	PRINTING TRADE SERVICES NEC	2928	1431	454	4813	3044	1429	441	4914
264	TOTAL PRINTING & ALLIED INDUSTRIES	285304	66654	103456	455414	259106	71891	109350	440348
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	478321	90835	202516	771672	431745	99559	211130	742435
	CHEMICAL, PETROLEUM AND COAL PRODUCTS								
	BASIC CHEMICALS								
2751	CHEMICAL FERTILISERS	70206	2392	66035	138633	64307	2071	88318	154696
2752	INDUSTRIAL GASES		N.P. - INCLUDED WITH GROUP 275						
2753	SYNTHETIC RESINS & RUBBER	73321	17196	126317	216834	71770	17183	121171	210124
2754	ORGANIC INDUSTRIAL CHEMICALS NEC		N.P. - INCLUDED WITH GROUP 275						
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	36883	6316	36000	79199	32159	6563	34986	73707
275	TOTAL BASIC CHEMICALS	232055	35422	276205	543682	220708	35459	294778	550944
	OTHER CHEMICAL PRODUCTS								
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	13935	6138	9662	29734	13778	6640	10632	31050
2762	PAINTS	37842	3281	44184	85307	39918	3502	50133	93553
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	85198	37117	78029	200344	93891	43521	92495	229907
2764	PESTICIDES	34272	1438	30892	66602	41215	2219	31316	74751
2765	SOAP & OTHER DETERGENTS	37170	4097	40181	81448	38763	4419	38683	81865
2766	COSMETICS & TOILET PREPARATIONS	39176	4037	27432	70645	44367	4769	29631	78767
2767	INKS	8709	104	11623	20436	8918	67	14251	23236
2768	CHEMICAL PRODUCTS NEC	19013	2121	24312	45446	20116	1469	26183	47769
276	TOTAL OTHER CHEMICAL PRODUCTS	275314	58335	266315	599964	300965	66608	293325	660898
2770	PETROLEUM REFINING	102166	26588	24086	152839	133054	53069	24825	210948
2780	PETROLEUM & COAL PRODUCTS NEC	6128	679	12118	18925	6628	535	13344	20507

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETCI	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETCI	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	615663	121023	578724	1315410	661355	155670	626271	1443297
	NON-METALLIC MINERAL PRODUCTS								
2850	GLASS & GLASS PRODUCTS	25419	3945	66084	95449	27463	5171	74798	107432
	NON-METALLIC MINERAL PRODUCTS								
	CLAY PRODUCTS & REFRACTORIES								
2861	CLAY BRICKS	26945	3814	50830	81589	27128	3521	62413	93062
2862	REFRACTORIES	20395	1901	13905	36201	18572	1266	10616	30455
2863	CERAMIC TILES & PIPES	6340	2102	11261	19704	5369	2189	12992	20550
2864	CERAMIC GOODS NEC	4539	2596	9168	16303	5098	2726	10154	17977
286	TOTAL CLAY PRODUCTS & REFRACTORIES	58219	10413	85165	153797	56167	9703	96175	162045
	CEMENT & CONCRETE PRODUCTS								
2871	CEMENT	63435	9085	8132	80652	76165	23266	11852	111284
2872	READY MIXED CONCRETE	11482	57	561	12100	12559	95	695	13349
2873	CONCRETE PIPES & BOX CULVERTS	33594	5606	46873	86072	30152	4999	54387	89539
2874	CONCRETE PRODUCTS NEC								
287	TOTAL CEMENT & CONCRETE PRODUCTS	108510	14748	55567	178825	118876	28361	66935	214172
	OTHER NON-METALLIC MINERAL PRODUCTS								
2881	PLASTER PRODUCTS & EXPANDED MINERALS	7292	73	5864	13229	8745	77	5626	14447
2882	STONE PRODUCTS	1988	694	1312	3994	2027	726	1727	4480
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	5907	558	4887	11352	4576	450	7809	12834
2884	NON-METALLIC MINERAL PRODUCTS NEC	23951	4083	31371	59405	23403	3507	30450	57359
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	39138	5408	43434	87980	38750	4759	45612	89121
28	TOTAL NON-METALLIC MINERAL PRODUCTS	231287	34514	250250	516051	241257	47993	283520	572769

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
BASIC METAL PRODUCTS									
BASIC IRON & STEEL									
2941	IRON & STEEL BASIC PRODUCTS	575570	203250	191240	970060	491598	179863	179036	850498
2942	IRON CASTING	11388	8081	13675	33145	10990	5967	15663	32615
2943	STEEL CASTING	11402	14232	6896	32530	9597	11100	7069	27769
2944	IRON & STEEL FORGING	12138	8432	4352	24922	7697	5712	4365	17780
2945	STEEL PIPES & TUBES	35639	23319	30331	89288	32415	17984	29463	79863
294	TOTAL BASIC IRON AND STEEL	646136	257314	246494	1149945	552300	220627	235597	1008524
BASIC NON-FERROUS METALS									
2951	COPPER SMELTING, REFINING		N.P. - INCLUDED WITH GROUP 295						
2952	SILVER, LEAD, ZINC SMELTING, REFINING	55691	25290	82437	163418	60355	37285	57756	155396
2953	ALUMINA	124985	74459	39190	238634	113553	79139	34266	226958
2954	ALUMINIUM SMELTING	68542	33208	12145	113895	77813	29399	10912	118124
2955	NICKEL SMELTING, REFINING		N.P. - INCLUDED WITH GROUP 295						
2956	NON-FERROUS METALS NEC SMELTING, REFINING	2360	5910	526	8796	3540	4815	1539	9894
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	7836	15534	12977	36347	9108	17787	11605	38500
295	TOTAL BASIC NON-FERROUS METALS	308378	237129	201978	747485	321560	218174	234666	774400
NON-FERROUS METAL BASIC PRODUCTS									
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	30632	68092	30975	129700	24480	58026	30821	113327
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	9038	17287	8292	34617	9069	18353	9281	36703
2963	NON-FERROUS METAL CASTING	2918	1675	1843	6436	3323	1817	2048	7188
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	42588	87055	41111	170754	36872	78196	42150	157218
29	TOTAL BASIC METAL PRODUCTS	997103	581498	489583	2068183	910733	516997	512412	1940141
FABRICATED METAL PRODUCTS									
STRUCTURAL METAL PRODUCTS									
3141	FABRICATED STRUCTURAL STEEL	108760	46544	31365	186669	81612	35895	28272	145779

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA
1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
3142	STRUCTURAL METAL PRODUCTS ARCHITECTURAL ALUMINIUM PRODUCTS	63638	11065	17223	91925	55020	9299	15203	75233
3143	ARCHITECTURAL METAL PRODUCTS NEC	12488	5117	5020	22625	12280	4254	5036	21570
314	TOTAL STRUCTURAL METAL PRODUCTS	184886	62726	53608	301220	148912	49449	48511	246871
3151	SHEET METAL PRODUCTS METAL CONTAINERS	50353	23921	32602	106876	43911	22198	34148	100257
3152	SHEET METAL FURNITURE	11579	5548	12314	29440	9046	4396	10222	23664
3153	SHEET METAL PRODUCTS NEC	75808	35594	64995	176397	68822	25934	65396	160152
315	TOTAL SHEET METAL PRODUCTS	137739	65063	109911	312713	121780	52529	109765	284073
	OTHER FABRICATED METAL PRODUCTS								
3161	CUTLERY AND HAND TOOLS NEC	8143	10114	9914	28172	7401	10219	9146	26767
3162	SPRINGS & WIRE PRODUCTS	39979	9537	41175	90691	36255	8671	38760	83686
3163	NUTS,BOLTS,SCREWS & RIVETS	18715	11957	36900	67572	15743	11789	38923	66455
3164	METAL COATING & FINISHING	13455	1571	2694	17719	13990	1871	2804	18666
3165	NON-FERROUS STEAM,GAS & WATER FITTINGS	9376	25931	28785	64093	8489	22343	27899	58731
3166	BOILER & PLATE WORK	13988	26152	2027	42166	10018	15836	1917	27771
3167	METAL BLINDS & AWNINGS	10232	1442	4181	15856	9877	1066	3603	14546
3168	FABRICATED METAL PRODUCTS NEC	44128	50929	39198	134255	43230	50033	35692	128955
316	TOTAL OTHER FABRICATED METAL PRODUCTS	158016	176634	164874	460524	145003	121829	158744	425577
31	TOTAL FABRICATED METAL PRODUCTS	480641	265422	328394	1074457	415694	223806	317020	956921
	TRANSPORT EQUIPMENT								
	MOTOR VEHICLES & PARTS								
3231	MOTOR VEHICLES	322183	109703	108103	539989	292251	124037	221902	638189
3232	MOTOR VEHICLE BODIES, TRAILERS,CARAVANS	40737	19885	14873	75495	36157	20290	15991	72438
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	26187	10859	10788	47834	27046	9756	10994	47796
3234	MOTOR VEHICLE PARTS NEC	129297	75055	86990	291342	129069	68116	81394	278579

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1932-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	MOTOR VEHICLES & PARTS								
323	TOTAL MOTOR VEHICLES & PARTS	518403	215502	220755	954660	484523	222199	330281	1037003
	OTHER TRANSPORT EQUIPMENT								
3241	SHIPS	12753	37304	908	50965	8752	46736	717	56205
3242	BOATS	9110	7727	4175	21012	8452	8205	4380	21037
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	35392	45515	7259	88165	34530	49416	7804	91751
3244	AIRCRAFT	168470	44316	5328	218113	156613	36223	6619	199456
3245	TRANSPORT EQUIPMENT NEC	7014	2923	4772	14709	3584	2009	2131	7725
324	TOTAL OTHER TRANSPORT EQUIPMENT	252739	137784	22442	392965	211931	142590	21652	376173
32	TOTAL TRANSPORT EQUIPMENT	751142	353286	243197	1347625	696454	364789	351933	1413176
	OTHER MACHINERY & EQUIPMENT								
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT								
3341	PHOTOGRAPHIC & OPTICAL GOODS	18760	14088	8558	41407	20863	11866	7406	40135
3342	PHOTOGRAPHIC FILM PROCESSING	5957	164	1681	7801	7139	184	3845	11168
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	15081	8617	9954	33653	16574	9418	11793	37786
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	39798	22870	20194	82861	44577	21469	23043	89089
	APPLIANCES & ELECTRICAL EQUIPMENT								
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	22631	5687	12881	41200	18445	4319	10117	32881
3352	ELECTRONIC EQUIPMENT NEC	79148	122761	45784	247713	88010	130165	40466	258641
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	98590	61842	100567	260999	83512	50117	85023	218652
3354	WATER HEATING SYSTEMS	13505	5160	14049	32714	11453	4504	12006	27963
3355	ELECTRIC & TELEPHONE CABLE & WIRE	24083	27199	21271	72553	20385	23326	24229	67940
3356	BATTERIES	12435	7801	8932	29168	9846	7420	9260	26526
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	127738	100740	98575	327053	127864	99635	97521	325021

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FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		8000	8000	8000	8000	8000	8000	8000	8000
	APPLIANCES & ELECTRICAL EQUIPMENT								
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	378151	331189	302059	1011400	359515	319486	278622	957624
	INDUSTRIAL MACHINERY & EQUIPMENT								
3361	AGRICULTURAL MACHINERY	70373	60431	85003	215808	69253	47024	100001	216278
3362	CONSTRUCTION MACHINERY	21611	11434	16846	48891	11318	8069	16398	35785
3363	MATERIALS HANDLING EQUIPMENT	42212	28813	29425	100451	34445	24318	33256	92018
3364	WOOD & METAL WORKING MACHINERY	15386	18802	15707	49896	12755	15786	16357	44898
3365	PUMPS & COMPRESSORS	21846	29045	45361	96253	18711	26595	44791	90097
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	15313	6357	11019	32689	16835	5527	10459	32822
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	7885	12681	16402	36968	7112	10552	13271	30935
3368	FOOD PROCESSING MACHINERY	10021	12138	8648	30807	9507	12069	8563	30139
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	106346	106076	107212	319634	97969	75612	101261	274842
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	310993	285779	335624	932396	277906	225551	344358	847815
33	TOTAL OTHER MACHINERY & EQUIPMENT	728942	639838	657877	2026657	681997	566507	646023	1894527
	MISCELLANEOUS MANUFACTURING								
	LEATHER & LEATHER PRODUCTS								
3451	LEATHER TANNING & FUR DRESSING	7443	7182	10680	25305	8778	7267	11796	27841
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	6655	1028	4081	11764	6921	1185	4387	12492
345	TOTAL LEATHER & LEATHER PRODUCTS	14098	8210	14761	37069	15699	8451	16183	40333
	RUBBER PRODUCTS								
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	24563	17271	34700	76534	20322	13552	14528	48402
3462	RUBBER PRODUCTS NEC	11246	5841	15040	32127	11631	6899	14333	32863
346	TOTAL RUBBER PRODUCTS	35809	23112	49740	108661	31953	20451	28861	81266

FOR FOOTNOTES SEE END OF TABLE

TABLE 6 - MANUFACTURING ESTABLISHMENTS (A) - STOCKS BY STAGE OF PROCESSING BY INDUSTRY CLASS,
AUSTRALIA
1982-83

ASIC CODE	DESCRIPTION	OPENING STOCKS				CLOSING STOCKS			
		MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL	MATERIALS FUELS ETC	WORK IN PROGRESS	FINISHED GOODS	TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	MISCELLANEOUS MANUFACTURING								
	PLASTIC & RELATED PRODUCTS								
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	47388	17591	34595	99575	46744	19198	36404	102346
3472	RIGID PLASTIC SHEETING								
3473	HARD SURFACE FLOOR COVERINGS NEC	11536	2403	8421	22359	11399	2700	8344	22443
3474	PLASTIC PRODUCTS NEC	85579	33018	114514	233111	86801	33278	118476	238555
347	TOTAL PLASTIC & RELATED PRODUCTS	144503	53012	157530	355045	144944	55176	163224	363344
	OTHER MANUFACTURING								
3481	OPHTHALMIC ARTICLES	3016	671	2851	6539	2850	721	2518	6090
3482	JEWELLERY & SILVERWARE	10344	2228	12609	25181	11936	2371	15851	30158
3483	BRUSHES & BRUSHES	10282	2262	7105	19649	9524	2356	7886	19766
3484	SIGNS & ADVERTISING DISPLAYS	8366	3349	1314	13028	8629	3450	1657	13736
3485	SPORTING EQUIPMENT	6766	2315	8148	17229	5765	1839	8963	16568
3486	WRITING & MARKING EQUIPMENT	6008	4231	5854	16093	5920	4199	5501	15620
3487	MANUFACTURING NEC	6477	2005	3955	12438	7292	1647	4347	13286
348	TOTAL OTHER MANUFACTURING	51259	17062	41836	110158	51916	16584	46724	115224
34	TOTAL MISCELLANEOUS MANUFACTURING	245669	101397	263866	610933	244512	100663	254992	600166
21-34	TOTAL MANUFACTURING	6105231	2608176	4381010	13094417	5909173	2511762	4637772	13058707

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMISSION AND REPAIR SUBCO (C)		OUTWARD FREIGHT AND CARTAGE ETC. (D)		RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES AND TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS & FUELS ETC.	GOODS FOR RESALE	TOTAL	WORK	AND MAINT ENANCE EXPENSES	ETC.	LAND BUIL DINGS ETC.	MOTOR VEHIC LES	OTHER	TOTAL	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
MANUFACTURING												
FOOD, BEVERAGES & TOBACCO												
MEAT PRODUCTS												
2115	MEAT (EXCL SMALLGOODS OR POULTRY)	2195342	36095	2231437	19954	45126	76175	11045	4352	10734	26131	2398823
2116	POULTRY	457301	25834	483136	4426	13851	13865	1001	2401	3116	6518	521795
2117	BACON, HAM & SMALLGOODS NEC	508856	6488	515344	367	10386	13647	2308	1365	3341	7014	546757
211	TOTAL MEAT PRODUCTS	3161500	68417	3229917	24746	69363	103686	14353	8119	17191	39663	3467375
MILK PRODUCTS												
2121	LIQUID MILK & CREAM	933047	40949	973996	470	18823	24087	1223	1888	4340	7450	1024826
2122	BUTTER	363466	6312	369778	2	5201	9441	77	880	1439	2396	386817
2123	CHEESE	462226	20626	482853	716	6966	13299	3025	278	1457	4760	508594
2124	ICE CREAM & FROZEN CONFECTIONS	121797	3333	125130	821	4317	12889	1168	331	2255	3754	146911
2125	MILK PRODUCTS NEC	191984	4566	196550	53	4601	4953	159	135	394	687	206845
212	TOTAL MILK PRODUCTS	2072521	75786	2148307	2062	39907	64669	5651	3512	9885	19048	2273993
FRUIT & VEGETABLE PRODUCTS												
2131	FRUIT PRODUCTS	332481	9510	341991	2138	8996	26274	1859	1621	7231	10711	390111
2132	VEGETABLE PRODUCTS	284074	7167	291241	4061	11623	23370	2337	1042	3158	6537	336831
213	TOTAL FRUIT & VEGETABLE PRODUCTS	616555	16677	633232	6199	20619	49644	4196	2663	10389	17248	726942
2140	MARGARINE & OILS & FATS NEC	349089	15641	364730	2666	8391	17567	1329	322	3714	5365	398718
FLOUR MILL AND CEREAL FOOD PRODUCTS												
2151	FLOUR MILL PRODUCTS	292208	16451	308659	37	5377	14802	685	330	714	1728	330603
2152	STARCH, GLUTEN & STARCH SUGARS	73125	2514	75639	130	4807	4849	140	183	1457	1780	87205
2153	CEREAL FOODS & BAKING MIXES	252564	17053	269617	6	8749	28048	1196	319	1304	2819	309239

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMI SSION AND REPAIR		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS (FUELS ETC)	GOODS FOR RESALE	SUBCO NTRACT WORK (C)	AND MAINT ENANCE EXPENSES		LAND BUILD DINGS ETC	MOTOR VEHI CLES	OTHER	TOTAL		
						\$000					\$000	\$000
	FLOUR MILL AND CEREAL FOOD PRODUCTS											
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	617898	36018	653915	172	18933	47699	2020	831	3475	6327	727047
	BREAD, CAKES & BISCUITS											
2161	BREAD	319477	36415	355892	502	14155	39349	7751	3442	5502	16694	426591
2162	CAKES & PASTRIES	158612	7017	165630	935	6503	14040	2307	1057	2668	6032	193140
2163	BISCUITS	141042	148	141190	402	6222	4829	933	86	743	1762	154406
216	TOTAL BREAD, CAKES AND BISCUITS	619131	43580	662712	1839	26880	58218	10991	4585	8912	24488	774137
	OTHER FOOD PRODUCTS											
2171	RAW SUGAR			N.P. - INCLUDED WITH GROUP 217								
2173	CONFECTIONERY & COCOA PRODUCTS	242598	10215	252813	411	7484	14794	2588	722	2263	5573	281076
2174	PROCESSED SEAFOODS	328420	41384	369804	2850	5958	17781	1187	407	1739	3333	399725
2175	PREPARED ANIMAL & BIRD FOODS	676589	25873	702462	837	13186	39720	2713	1175	1608	5497	761702
2176	FOOD PRODUCTS NEC			N.P. - INCLUDED WITH GROUP 217								
217	TOTAL OTHER FOOD PRODUCTS	2298587	100738	2399325	5990	80515	109169	12059	4384	12392	28835	2623834
	BEVERAGES & MALT SOFT DRINKS, CORDIALS & SYRUPS											
2185	BEER	413130	30788	443917	8215	13444	32585	3508	3045	9062	15614	513776
2186	MALT	477957	5302	483259	359	27360	20087	690	290	2263	3243	534309
2187	WINE & BRANDY	259633	8699	268331	2615	8668	13991	1593	1090	5265	7948	301554
2188	ALCOHOLIC BEVERAGES NEC			N.P. - INCLUDED WITH GROUP 218								
218	TOTAL BEVERAGES & MALT	1276124	46378	1322702	11190	53280	70665	6036	4559	16902	27497	1485334
2190	TOBACCO PRODUCTS	275211	2031	277241	333	3914	2505	939	353	500	1793	285786

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMISSION AND SUBCONTRACT WORK (C)		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES AND TRANSFERS IN AND SELECTED EXPENSES
		MATERIALS FUELS ETC.	GOODS FOR RESALE	TOTAL	REPAIR AND MAINTENANCE EXPENSES	LAND BUIL- DINGS ETC.		MOTOR VEHIC- LES	OTHER		TOTAL	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
21	TOTAL FOOD, BEVERAGES & TOBACCO	11286615	405465	11692080	55197	321803	523823	57575	29328	83360	170263	12763166
	TEXTILES											
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS											
2341	COTTON GINNING	59444	-	59444	181	2135	8405	-	19	82	101	70265
2342	WOOL SCOURING & TOP MAKING	156092	398	156490	10	5291	4133	734	67	328	1129	167052
2343	MAN-MADE FIBRES & YARNS	65575	368	65943	1926	3951	1410	355	61	194	609	73838
2344	MAN-MADE FIBRE BROADWOVEN FABRICS	103797	4011	107808	5939	5467	4734	1272	534	4970	6776	130723
2345	COTTON YARNS & BROADWOVEN FABRICS	104382	3617	107999	2970	4659	4217	653	564	1206	2422	122267
2346	WORSTED YARNS & BROADWOVEN FABRICS	47757	151	47908	950	2252	1310	999	68	1378	2445	54865
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	76383	729	77112	2001	3163	2509	940	114	1592	2646	87430
2348	NARROW WOVEN AND ELASTIC TEXTILES	24621	3134	27755	227	1151	1655	578	166	281	1024	31811
2349	TEXTILE FINISHING	47958	220	48178	168	3342	1820	1484	348	1858	3690	57197
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	686009	12627	698636	14370	31410	30191	7013	1941	11889	20843	795450
	OTHER TEXTILE PRODUCTS											
2351	HOUSEHOLD TEXTILES	63507	5994	69501	5433	787	3671	1371	302	698	2372	81763
2352	TEXTILE FLOOR COVERINGS	204407	73	204480	2614	4135	10385	2016	966	1702	4685	226299
2353	FELT & FELT PRODUCTS	18986	1868	20854	298	1066	2167	491	262	129	882	25267
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	60035	5394	65429	2209	744	4793	2209	961	414	3584	76759
2355	ROPE, CORDAGE AND TWINE	8331	1150	9480	3526	332	710	310	154	206	670	14719
2356	TEXTILE PRODUCTS NEC	86624	2340	88964	1062	2196	7287	1738	479	690	2906	102416

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMI	REPAIR	OUTWARD	RENT, LEASING AND HIRING EXPENSES				TOTAL	
		MATERIALS FUELS ETC	GOODS FOR RESALE	SUBCO TRACT WORK (C)	AND MAINT ENAG EXPENSES	FREIGHT AND CARTAGE ETC. (D)	LAND	MOTOR			PURCHASES TRANSFERS IN AND SELECTED EXPENSES	
							BUIL DINGS ETC	VEHI CLES	OTHER	TOTAL		
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	OTHER TEXTILE PRODUCTS											
235	TOTAL OTHER TEXTILE PRODUCTS	441889	16819	458708	15142	9261	29014	8135	3123	3841	15099	527224
23	TOTAL TEXTILES	1127898	29446	1157344	29512	40671	59205	15148	5064	15729	35942	1322674
	CLOTHING & FOOTWEAR											
	KNITTING MILLS											
2441	HOSIERY	50756	7294	58050	2770	1810	4403	952	384	836	2171	69204
2442	CARDIGANS & PULLOVERS	75218	3776	78994	8761	1810	5974	2313	539	1182	4034	99573
2443	KNITTED GOODS NEC	143511	1865	145376	31060	3795	10427	2493	554	3265	6312	196971
244	TOTAL KNITTING MILLS	269486	12935	282420	42591	7415	20805	5758	1477	5282	12517	365748
	CLOTHING											
	MENS TROUSERS AND SHORTS; WORK CLOTHING											
2451	MENS SUITS AND COATS;	118449	5724	124173	38689	2121	11847	2422	1000	2086	5508	182338
2452	WATERPROOF CLOTHING	46466	3561	50026	10583	1140	3201	1043	450	675	2168	67119
2453	WOMENS OUTERWEAR NEC	221138	7141	228279	105017	3231	19050	8790	1967	2625	13381	368958
2454	FOUNDATION GARMENTS	25376	2271	27646	3498	390	1876	318	389	280	987	34398
2455	UNDERWEAR & INFANTS CLOTHING NEC	164192	5864	170057	27425	3234	9395	3581	964	2084	6629	216738
2456	HEADWEAR & CLOTHING NEC	63103	4142	67245	6690	1128	4590	2393	593	524	3510	83171
245	TOTAL CLOTHING	638724	28702	667426	191902	11245	49967	18547	5362	8274	32183	952723
2460	FOOTWEAR	177432	9900	187331	17017	4195	14652	3526	930	2428	6884	230079
24	TOTAL CLOTHING & FOOTWEAR	1085641	51537	1137178	231510	22855	85424	27831	7769	15984	51584	1548550
	WOOD, WOOD PRODUCTS & FURNITURE											
2531	WOOD & WOOD PRODUCTS LOG SAWMILLING	124914	20348	145262	34177	18588	39875	1686	2754	6809	11248	249150

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMISSION AND REPAIR AND MAINTENANCE EXPENSES (C)		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES
		MATERIALS FUELS ETC	GOODS FOR RESALE	TOTAL	SUBCONTRACT WORK	AND MAINTENANCE EXPENSES		LAND BUILT DINGS ETC	MOTOR VEHICLES	OTHER	TOTAL	
2532	WOOD & WOOD PRODUCTS RESAWN & DRESSED TIMBER	212265	34343	246609	14654	12462	23387	3188	1698	3183	8069	305181
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	180374	18542	198916	1892	13617	21122	3927	663	6979	11569	247117
2534	WOODEN DOORS	44441	4903	49344	151	881	1301	937	107	188	1231	52910
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	242762	26438	379199	53855	5762	23708	12139	3389	5415	20943	483469
2536	WOODEN CONTAINERS	23525	8487	32022	427	1815	2423	1026	430	1087	2543	39229
2537	HARDWOOD WOODCHIPS	45034	2499	47533	42023	4150	5455	116	2	303	421	99581
2538	WOOD PRODUCTS NEC	52601	9197	61798	1344	1612	4799	3199	959	1248	5405	74958
253	TOTAL WOOD & WOOD PRODUCTS	1035927	124756	1160683	148525	58887	122070	26217	10002	25211	61430	1551595
2541	FURNITURE & MATTRESSES FURNITURE (EXC SHEET METAL)	505972	18330	524303	23406	10547	39346	22338	5706	7449	35493	633095
2542	MATTRESSES (EXC RUBBER)	87843	5422	93265	1280	1475	5910	2745	696	599	4040	105969
254	TOTAL FURNITURE & MATTRESSES	593816	23753	617568	24685	12022	45256	25083	6403	8047	39533	739064
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	1629742	148509	1778251	173210	70909	167326	51300	16405	33258	100963	2290659
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING											
2631	PAPER & PAPER PRODUCTS PULP, PAPER & PAPERBOARD	443838	1016	444853	1410	43365	73721	955	355	15819	17129	582478
2632	PAPER BAGS (INCL TEXTILE BAGS)	72494	19991	92485	145	1477	2270	1126	265	215	1606	97984
2633	SOLID FIBREBOARD CONTAINERS	155645	6032	161677	1767	4957	4500	2638	589	2077	5305	178206

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMI SSION AND	REPAIR AND MAINT EXPENSES	OUTWARD FREIGHT AND CARTAGE ETC. (C)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS FUELS ETC	GOODS FOR RESALE				TOTAL WORK (D)	LAND DINGS ETC	MOTOR VEHI CLES	OTHER		TOTAL
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	PAPER & PAPER PRODUCTS											
2634	CORRUGATED FIBREBOARD CONTAINERS	366802 163448	7991	374793 173505	272	11064	15359	4256	571	3524	8352	409840
2635	PAPER PRODUCTS NEC		10057		1066	10914	23369	2655	972	1870	5497	214351
263	TOTAL PAPER & PAPER PRODUCTS	1202227	45087	1247314	4660	71777	121220	11631	2753	23504	37888	1482860
	PRINTING & ALLIED INDUSTRIES											
2641	PUBLISHING	69771	14107	83878	142495	2354	47800	8794	1657	3502	13955	290483
2642	PRINTING & PUBLISHING	389824	9071	398895	20528	15889	38109	4842	832	11166	16840	540261
2643	PAPER STATIONERY	207537	16404	223941	4337	7069	16925	5460	2398	5583	13441	265712
2644	PRINTING & BOOKBINDING	544428	21968	566396	51427	25576	31448	19890	7146	36993	64029	738876
2645	PRINTING TRADE SERVICES NEC	37348	2981	40329	3619	3262	5648	3137	1788	7592	12516	65375
264	TOTAL PRINTING & ALLIED INDUSTRIES	1248907	64532	1313439	222406	54150	109930	42125	13821	64836	120782	1900706
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	2451134	109619	2560753	227066	125927	311150	53756	16574	88340	158670	3383566
	CHEMICAL, PETROLEUM AND COAL PRODUCTS											
2751	BASIC CHEMICALS	486399	25498	511897	454	29380	16273	1049	603	603	2255	560259
2752	CHEMICAL FERTILISERS											
2753	INDUSTRIAL GASES SYNTHETIC RESINS & RUBBER	643405	24505	667909	4117	29458	32753	3137	1135	4117	8389	742627
2754	ORGANIC INDUSTRIAL CHEMICALS NEC											
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	252622	17450	270072	1846	24252	38017	1340	708	3621	5668	339854
275	TOTAL BASIC CHEMICALS	1884858	84938	1969796	7687	109366	110843	7071	4660	9802	21533	2219226

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMISSION AND SUBCONTRACT WORK (C)		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS & FUELS ETC. (E)	GOODS FOR RESALE (F)	TOTAL (G)	REPAIR AND MAINTENANCE EXPENSES (H)		LAND BUILDINGS ETC. (I)	MOTOR VEHICLES (J)	OTHER (K)	TOTAL (L)		
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	CHEMICAL, PETROLEUM AND COAL PRODUCTS											
	OTHER CHEMICAL PRODUCTS											
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	64359	5232	69591	2968	4430	2934	119	371	319	808	80732
2762	PAINTS	310022	36477	346498	1092	5380	12733	2445	1625	1881	5952	371655
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	381597	34258	415856	4561	10032	22415	4092	4108	3709	11909	464773
2764	PESTICIDES	159834	12525	172359	1141	2821	3749	616	732	506	1855	181925
2765	SOAP & OTHER DETERGENTS	287131	29833	316964	1858	8221	27272	2756	2493	2891	8139	362454
2766	COSMETICS & TOILET PREPARATIONS	137006	6259	143265	399	2496	10904	3134	2103	1267	6504	163569
2767	INKS	72425	13340	85765	6	1241	1478	585	601	199	1385	89876
2768	CHEMICAL PRODUCTS NEC	134652	20198	154850	363	3224	10216	1935	1346	1352	4633	173286
276	TOTAL OTHER CHEMICAL PRODUCTS	1547025	158123	1705148	12385	37846	91702	15683	13378	12124	41185	1888269
2779	PETROLEUM REFINING PRODUCTS	1165910	16	1165926	99.1	54682	4633	384	821	1716	2922	1238074
2780	PETROLEUM & COAL PRODUCTS NEC	59724	4922	64646	159	2140	186	608	144	389	1141	72271
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	4657517	247999	4905515	30146	204034	211364	23746	19003	24031	66781	5417840
	NON-METALLIC MINERAL PRODUCTS											
2850	GLASS & GLASS PRODUCTS	183228	9762	192990	88	19876	15354	2832	720	995	4547	232855
	NON-METALLIC MINERAL PRODUCTS											
	CLAY PRODUCTS & REFRACTORIES											
2861	CLAY BRICKS	95256	1835	97090	3236	28082	31805	493	1240	4919	6652	166866

FOR FOOTNOTES SEE END OF TABLE

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TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (C)		PAYMENTS FOR COMMISSION AND SUBCONTRACT WORK (C)		REPAIR AND MAINTENANCE EXPENSES	OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES AND SELECTED EXPENSES	
		MATERIALS	GOODS FOR FUELS ETCI RESALE	TOTAL	INTRACT WORK (C)	EXPENSES		LAND BUILD DINGS ETC	MOTOR VEHI CLES	OTHER	TOTAL	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
	CLAY PRODUCTS & REFRATORIES											
2862	REFRATORIES	31092	3302	34394	674	5041	1574	447	144	1226	1817	43499
2863	CERAMIC TILES & PIPES	26219	3794	30012	945	4097	5727	262	84	258	604	43385
2864	CERAMIC GOODS NEC	22011	4726	24737	256	1809	3355	594	224	244	1063	33220
286	TOTAL CLAY PRODUCTS & REFRATORIES	174577	13657	188234	5112	41029	42460	1796	1692	6647	10135	286970
	CEMENT & CONCRETE PRODUCTS											
2871	CEMENT	236570	19563	256134	2308	29161	63985	700	160	1522	2382	353969
2872	READY MIXED CONCRETE	535609	6506	542115	5579	15644	114333	2494	3508	5864	11866	689537
2873	CONCRETE PIPES & BOX CULVERTS	216972	36491	253463	30144	19072	36355	1938	1517	3662	7117	346150
2874	CONCRETE PRODUCTS NEC											
287	TOTAL CEMENT & CONCRETE PRODUCTS	989151	62560	1051712	38030	63877	214672	5133	5194	11048	21365	1389656
	OTHER NON-METALLIC MINERAL PRODUCTS											
2881	PLASTER PRODUCTS & EXPANDED MINERALS	75573	6711	82284	1909	4205	1889	644	229	305	1178	91465
2882	STONE PRODUCTS	13622	950	14572	1340	598	1274	272	174	245	691	18475
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	25349	3770	29119	481	4816	1907	535	147	45	728	37051
2884	NON-METALLIC MINERAL PRODUCTS NEC	100393	19074	119466	711	9002	12057	773	889	2195	3856	145092
288	TOTAL OTHER NON- METALLIC MINERAL PRODUCTS	214937	30505	245441	4440	18621	17127	2224	1439	2790	6453	292082
28	TOTAL NON-METALLIC MINERAL PRODUCTS	1561893	116484	1678377	47670	143403	289613	11985	9035	21481	42501	2201564
	BASIC METAL PRODUCTS											
2941	BASIC IRON & STEEL IRON & STEEL BASIC PRODUCTS	2631358	32142	2663501	6642	40852	163329	3651	1601	47001	52253	2926576

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMISSION AND REPAIR AND MAINTENANCE		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES AND TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS FUELS ETC)	GOODS FOR RESALE	TOTAL	SUBCONTRACT WORK (C)		AND REPAIR AND MAINTENANCE EXPENSES	LAND BUILDINGS ETC	MOTOR VEHICLES	OTHER		TOTAL
2942	BASIC IRON & STEEL											
	IRON CASTING	71458	8852	80311	1072	11162	7299	1218	575	1886	3679	103522
2943	STEEL CASTING	50540	1836	52376	3331	3371	2305	604	186	1013	1803	63186
2944	IRON & STEEL FORGING	53400	2827	56227	1682	2038	2399	592	111	669	1372	63719
2945	STEEL PIPES & TUBES	245886	5126	251012	3592	8812	17931	1859	433	1583	3875	285221
294	TOTAL BASIC IRON AND STEEL	3052643	50784	3103427	16318	66235	193263	7924	2905	52152	62981	3442224
	BASIC NON-FERROUS METALS											
2951	COPPER SMELTING, REFINING			N.P. - INCLUDED WITH GROUP 295								
2952	SILVER, LEAD, ZINC SMELTING, REFINING	531259	457	531716	334	10917	17564	376	119	170	665	561196
2953	ALUMINA	642850	9799	652649	1916	56175	11190	1153	49	3436	4649	726579
2954	ALUMINIUM SMELTING	274111	-	274111	7809	40328	10968	132	313	1588	2032	335249
2955	NICKEL SMELTING, REFINING			N.P. - INCLUDED WITH GROUP 295								
2956	NON-FERROUS METALS NEC SMELTING, REFINING	62165	302	62466	160	520	372	18	27	241	285	63803
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	192894	10289	203183	100	2987	2592	444	225	730	1399	210260
295	TOTAL BASIC NON-FERROUS METALS	2307735	20847	2328582	36981	124525	58095	2426	849	6982	10256	2558439
	NON-FERROUS METAL BASIC PRODUCTS											
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	431918	3315	435233	7130	21884	14262	488	301	483	1272	479781
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	253466	5517	258983	1742	4424	4690	460	222	1382	2064	271903
2963	NON-FERROUS METAL CASTING	42934	722	43657	867	2163	1744	896	454	1079	2429	50860
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	728318	9554	737872	9739	28471	20696	1844	978	2944	5766	802544

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMIS- SION AND	REPAIR AND MAINT- ENANCE	OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES	
		MATERIALS FUELS ETC	GOODS FOR RESALE	TOTAL	SUBCO- NTRACT WORK (C)	EXPENSES		LAND BUIL- DINGS ETC	MOTOR VEHI- CLES	OTHER	TOTAL	
		\$000	\$000		\$000			\$000	\$000	\$000		\$000
29	TOTAL BASIC METAL PRODUCTS	6088695	81185	6169880	63038	219231	272054	12194	4732	62077	79004	6803207
	FABRICATED METAL PRODUCTS											
	STRUCTURAL METAL PRODUCTS											
3141	FABRICATED STRUCTURAL STEEL	714977	38878	753855	123133	15848	36206	10739	4673	12044	27457	956499
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	301899	19210	321109	20775	4381	13633	7609	3413	1547	12569	372466
3143	ARCHITECTURAL METAL PRODUCTS NEC	72362	8652	81015	7690	1351	4239	2454	762	865	4081	98376
314	TOTAL STRUCTURAL METAL PRODUCTS	1089238	66741	1155979	151598	21579	54079	20802	8848	14456	44106	1427341
	SHEET METAL PRODUCTS											
3151	METAL CONTAINERS	421503	15394	436896	1034	15810	9847	1884	361	1089	3334	466922
3152	SHEET METAL FURNITURE	60661	14219	74880	1542	1748	5514	1287	485	598	2369	86053
3153	SHEET METAL PRODUCTS NEC	408774	37668	446442	29564	9813	24926	12980	4526	7645	25151	535896
315	TOTAL SHEET METAL PRODUCTS	890937	67281	958218	32141	27371	40287	16151	5372	9332	30854	1088871
	OTHER FABRICATED METAL PRODUCTS											
	CUTLERY AND HAND TOOLS NEC	32294	2609	34903	467	1263	2766	550	269	617	1436	40834
3162	SPRINGS & WIRE PRODUCTS	210585	28217	238801	11165	7459	10545	2470	1174	4395	8039	276008
3163	NUTS, BOLTS, SCREWS & RIVETS	68183	14754	82937	2463	3051	4092	1447	490	1542	3479	96021
3164	METAL COATING & FINISHING	89393	3965	93359	9749	8200	7566	4266	1531	3357	9153	128028
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	85493	6789	92282	943	4581	5147	1240	1475	970	3685	106638
3166	BOILER & PLATE WORK	85295	2555	87850	12686	2461	3817	1243	659	1202	3104	109918
3167	METAL BLINDS & AWNINGS	45931	1634	47565	4298	704	2983	1208	791	428	2427	57977

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMI SSION AND REPAIR		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES IN AND SELECTED EXPENSES		
		MATERIALS FUELS ETC	GOODS FOR RESALE	TOTAL	SUBCO NTRACT WORK (C)		LAND AND MAINT ENANCE EXPENSES	FREIGHT AND CARTAGE ETC.	LAND BUILD INGS ETC		MOTOR VEHI CLES	OTHER
						\$000				\$000		
3168	OTHER FABRICATED METAL PRODUCTS FABRICATED METAL PRODUCTS NEC	246106	20190	266296	14476	8844	18614	7987	3558	5079	16623	324854
316	TOTAL OTHER FABRICATED METAL PRODUCTS	363280	80713	943994	56247	36563	55530	20411	9946	17588	47945	1140278
31	TOTAL FABRICATED METAL PRODUCTS	2843455	214735	3058190	239985	85513	149896	57363	24166	41377	122906	3656490
	TRANSPORT EQUIPMENT											
	MOTOR VEHICLES & PARTS											
3231	MOTOR VEHICLES	2841534	18640	2860174	13365	28575	30715	3215	186	6859	10260	2943089
3232	MOTOR VEHICLE BODIES, TRAILERS, CARAVANS	187137	16990	204127	7584	2735	5011	5981	1266	1286	8533	227991
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	118461	1328	119789	1116	3159	2049	1185	409	1069	2663	128775
3234	MOTOR VEHICLE PARTS NEC	561877	31454	593332	9893	33967	19541	10825	2601	9164	22590	679323
323	TOTAL MOTOR VEHICLES & PARTS	3709009	68412	3777421	31957	68437	57316	21207	4463	18378	44047	3979178
	OTHER TRANSPORT EQUIPMENT											
3241	SHIPS	126924	670	127594	20276	12126	2157	217	762	1634	4543	166696
3242	BOATS	61711	4244	65956	8644	1113	2579	2730	523	523	3775	80066
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	342673	3787	346461	47353	8019	1374	1975	352	1604	3930	407137
3244	AIRCRAFT	125894	3927	129821	4457	4889	1984	6896	252	2377	9520	150677
3245	TRANSPORT EQUIPMENT NEC	20212	6172	26384	538	492	2072	454	263	180	897	30384
324	TOTAL OTHER TRANSPORT EQUIPMENT	677414	18801	696215	79268	26639	10166	14202	2152	6317	22671	834959

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMI- SSION AND SUBCON- TRACT WORK (C)	REPAIR AND MAINT- ENANCE EXPENSES	OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES
		MATERIALS FUELS ETC	GOODS FOR RESALE	TOTAL				LAND BUIL- DINGS ETC	MOTOR VEHI- CLES	OTHER	TOTAL	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
32	TOTAL TRANSPORT EQUIPMENT	4386423	87213	4473636	111225	95076	67482	35409	6614	24695	66718	4814138
	OTHER MACHINERY & EQUIPMENT											
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT											
3341	PHOTOGRAPHIC & OPTICAL GOODS	71595	2518	74113	1103	3818	878	607	117	686	1410	81322
3342	PHOTOGRAPHIC FILM PROCESSING	52807	12728	65535	2697	3693	57494	6032	1077	8437	15546	144965
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	48836	10548	59385	1600	1388	3726	2298	673	1098	4068	70167
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	173239	25794	199033	5400	8899	62098	8937	1866	10221	21024	296454
	APPLIANCES & ELECTRICAL EQUIPMENT											
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	123891	4739	128629	258	2593	4157	2228	564	574	3366	139003
3352	ELECTRONIC EQUIPMENT NEC	386689	17173	403861	21702	9585	12913	6462	2312	3806	12580	460641
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	561385	25299	586684	7824	14720	32662	7087	3974	5703	16764	658654
3354	WATER HEATING SYSTEMS	71574	3463	75038	1721	1992	4955	1120	153	376	1648	85354
3355	ELECTRIC & TELEPHONE CABLE & WIRE	287195	14831	302026	177	11475	6457	538	250	1927	2715	322851
3356	BATTERIES	67397	954	68350	391	4914	3109	581	169	326	1077	77841
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	603559	50988	654547	18184	15039	28135	12543	4515	5903	22961	738866
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	2101690	117447	2219136	50255	60319	92387	30559	11938	18615	61112	2483209

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)		PAYMENTS FOR COMMISSION AND REPAIR AND MAINTENANCE (C)		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES TRANSFERS IN AND SELECTED EXPENSES		
		MATERIALS FUELS ETC	GOODS FOR RESALE	SUBCONTRACT WORK	REPAIR AND MAINTENANCE EXPENSES		LAND BUILDINGS ETC	MOTOR VEHICLES	OTHER			
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	OTHER MACHINERY & EQUIPMENT											
	INDUSTRIAL MACHINERY & EQUIPMENT											
3361	AGRICULTURAL MACHINERY	212378	16919	229296	3055	6205	9725	2569	1524	3142	7235	255515
3362	CONSTRUCTION MACHINERY	49462	4168	53630	2575	1161	2353	1448	478	1470	3396	63114
3363	MATERIALS HANDLING EQUIPMENT	195569	14776	210345	11363	3616	6120	4169	1912	2923	9003	240746
3364	WOOD & METAL WORKING MACHINERY	52406	5607	58013	2419	1437	3495	1544	350	2094	3989	69353
3365	PUMPS & COMPRESSORS	120477	13313	133790	1988	3590	4480	2336	1287	2286	5909	149757
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	75671	4234	79905	2616	1451	3792	1942	635	961	3537	91302
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	49785	9384	59169	11318	2969	4662	2910	1398	5050	9359	87477
3368	FOOD PROCESSING MACHINERY	52945	13331	66276	3863	2032	2537	1092	542	921	2555	77263
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	654063	70876	724939	28968	19471	26212	14602	6508	14100	35210	834800
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	1462756	152608	1615364	68166	41931	63675	32610	14635	32947	80192	1869328
33	TOTAL OTHER MACHINERY & EQUIPMENT	3737684	295848	4033533	123821	111149	218160	72106	28439	61782	162328	4648990
	MISCELLANEOUS MANUFACTURING											
	LEATHER & LEATHER PRODUCTS											
3451	LEATHER TANNING & FUR DRESSING	137686	2091	139777	2375	3672	8880	1036	305	1366	2708	157361
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	37115	2831	39945	761	853	3730	893	309	859	2062	49052

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMI- SSION AND REPAIR SURCO AND MAINT INTRACT (C) EXPENSES		OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES				TOTAL PURCHASES IN AN- SELECTED EXPENSES
		MATERIALS FUELS ETC)	GOODS FOR RESALE	TOTAL	WORK	EXPENSES		LAND BUILD- INGS ETC	MOTOR VEHI- CLES	OTHER	TOTAL	
	LEATHER & LEATHER PRODUCTS											
345	TOTAL LEATHER & LEATHER PRODUCTS	174800	4921	179722	4836	4475	12610	1929	615	2226	4770	206413
	RUBBER PRODUCTS											
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	285994	18787	304780	228	12867	7063	2633	798	2268	5699	330638
3462	RUBBER PRODUCTS NEC	77541	5616	83157	665	5138	5202	871	823	1404	4099	98261
346	TOTAL RUBBER PRODUCTS	363535	24403	387937	892	18005	12266	4505	1621	3672	9798	428898
	PLASTIC & RELATED PRODUCTS											
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	378843	26325	405168	2230	11323	18941	5282	1665	5010	11957	449618
3472	RIGID PLASTIC SHEETING	39940	3785	43723	8	2022	3053	884	269	178	1330	50137
3473	HARD SURFACE FLOOR COVERINGS NEC											
3474	PLASTIC PRODUCTS NEC	716552	66253	782805	14812	31993	50659	22456	6491	17508	46455	926725
347	TOTAL PLASTIC & RELATED PRODUCTS	1135335	96361	1231696	17050	45338	72654	28627	8425	22695	59742	1426480
	OTHER MANUFACTURING PRODUCTS											
3481	PLASTIC ARTICLES	11172	2066	13238	44	702	819	762	112	329	1202	16005
3482	JEWELLERY & SILVERWARE	50199	4112	54511	1931	500	2716	1493	667	660	2820	62479
3483	BROOMS & BRUSHES	29372	7724	37095	79	920	3600	237	291	633	1160	42855
3484	SIGNS & ADVERTISING DISPLAYS	48191	4493	52685	6054	1135	5322	3591	1326	842	7959	70955
3485	SPORTING EQUIPMENT	32979	5325	38304	1673	1002	3405	1588	431	549	2568	46952
3485	WRITING & MARKING EQUIPMENT	22810	3377	26187	5	532	1627	603	238	327	1168	29520
3487	MANUFACTURING NEC	36607	1988	38495	589	1532	2216	905	224	405	1533	44366
348	TOTAL OTHER MANUFACTURING	231330	29185	260515	10376	6323	19706	9179	3289	3744	16212	313132

FOR FOOTNOTES SEE END OF TABLE

TABLE 7 - MANUFACTURING ESTABLISHMENTS (A) - PURCHASES, TRANSFERS IN AND SELECTED EXPENSES BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	PURCHASES AND TRANSFERS IN (B)			PAYMENTS FOR COMMI SSION AND		REPAIR AND MAINT EXPENSES	OUTWARD FREIGHT AND CARTAGE ETC. (D)	RENT, LEASING AND HIRING EXPENSES			TOTAL PURCHASES IN AND SELECTED EXPENSES
		MATERIALS FUELS ETC	GOODS FOR RESALE	TOTAL	SUBCO NTRACT WORK (C)	LAND BUILD DINGS ETC			MOTOR VEHI CLES	OTHER	TOTAL	
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
34	TOTAL MISCELLANEOUS MANUFACTURING	1905000	154870	2059870	33154	74141	117236	44234	13951	32337	90521	2374922
21-34	TOTAL MANUFACTURING	42761698	1942909	44704607	1385533	1514714	2472732	462647	181081	504452	1148180	51225767

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE 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 MOTOR VEHICLE RUNNING EXPENSES, SALES COMMISSION PAYMENTS AND IMPUTED CHARGES FOR SALES CARRIED OUT BY OTHER ESTABLISHMENTS OF THE SAME ENTERPRISE.

TABLE 8 - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS				
		NEW FIXED TANGIBLE ASSETS			TOTAL	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND AND OTHER STRUCTURES		VEHICLES AND MACHINERY	TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND MACHINERY	LAND AND SECOND HAND ASSETS			LAND AND OTHER STRUCTURES	VEHICLES AND MACHINERY		
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000		
MANUFACTURING										
FOOD, BEVERAGES & TOBACCO										
MEAT PRODUCTS										
2115	MEAT(EXCL SMALLGOODS OR POULTRY)	8999	24143	33142	8184	17073	497	23755	24253	
2116	POULTRY	2729	10305	13034	1319	2043	3145	9166	12310	
2117	BACON, HAM & SMALLGOODS NEC	3646	13596	17242	1368	1415	3854	13342	17195	
211	TOTAL MEAT PRODUCTS	15374	48044	63419	10870	20531	7495	46263	53758	
MILK PRODUCTS										
2121	LIQUID MILK & CREAM	7854	18291	26145	2096	6141	6333	15768	22100	
2122	BUTTER	698	4340	5038	375	604	586	4223	4809	
2123	CHEESE	1655	13083	14738	100	2896	1485	10458	11943	
2124	ICE CREAM & FROZEN CONFECTIONS	279	5034	5313	134	116	282	5048	5330	
2125	MILK PRODUCTS NEC	1532	7918	9450	161	743	1504	7364	8869	
212	TOTAL MILK PRODUCTS	12018	48666	60684	2866	10499	10190	42861	53051	
FRUIT & VEGETABLE PRODUCTS										
2131	FRUIT PRODUCTS	2065	7926	9991	1998	3889	2513	5587	8100	
2132	VEGETABLE PRODUCTS	5316	12606	17922	1812	1513	6544	11676	18271	
213	TOTAL FRUIT & VEGETABLE PRODUCTS	7380	20532	27913	3810	5402	9057	17264	26321	
2140	MARGARINE & OILS & FATS NEC	2682	16843	19525	6750	9423	1650	15201	16852	
FLOUR MILL AND CEREAL FOOD PRODUCTS										
2151	FLOUR MILL PRODUCTS	1398	3509	4907	323	1429	597	3204	3801	
2152	STARCH, GLUTEN & STARCH SUGARS	61	3564	3625	354	114	148	3717	3866	
2153	CEREAL FOODS & BAKING MIXES	7941	16701	24642	581	3233	7777	14212	21989	
215	TOTAL FLOUR MILL & CEREAL FOOD PRODUCTS	9400	23774	33174	1258	4776	8523	21133	29656	

TABLE 8 - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS				
		NEW FIXED TANGIBLE ASSETS			TOTAL	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND AND OTHER STRUCTURES		VEHICLES AND MACHINERY	
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND MACHINERY	LAND AND SECOND HAND ASSETS			BUILDINGS AND OTHER STRUCTURES	VEHICLES AND MACHINERY	TOTAL	
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000		
	FOOD, BEVERAGES & TOBACCO									
	BREAD, CAKES & BISCUITS									
2161	BREAD	5061	17039	22101	4449	3362	6223	16965	23187	
2162	CAKES & PASTRIES	2849	11877	14727	2991	892	4646	12180	16826	
2163	BISCUITS	756	10398	11154	889	1587	978	9478	10456	
216	TOTAL BREAD, CAKES AND BISCUITS	8666	39315	47981	8329	5841	11846	38623	50470	
	OTHER FOOD PRODUCTS									
2171	RAW SUGAR			N.P. - INCLUDED WITH GROUP 217						
2173	CONFECTIONERY & COCOA PRODUCTS	2497	14753	17250	466	2166	2408	13142	15550	
2174	PROCESSED SEAFOODS	438	3075	3513	2041	3772	-759	2542	1782	
2175	PREPARED ANIMAL & BIRD FOODS	2845	16993	19838	3057	3540	2972	16384	19356	
2176	FOOD PRODUCTS NEC			N.P. - INCLUDED WITH GROUP 217						
217	TOTAL OTHER FOOD PRODUCTS	13728	119698	133426	8959	16513	11916	113957	125873	
	BEVERAGES & MALT									
2185	SOFT DRINKS, CORDIALS & SYRUPS	3225	28854	32079	5224	3191	4260	29851	34111	
2186	BEER	21451	136493	157944	8839	9986	24248	132548	156797	
2187	MALT			N.P. - INCLUDED WITH GROUP 218						
2188	WINE & BRANDY	2816	16535	19351	893	2898	1523	15823	17346	
2189	ALCOHOLIC BEVERAGES NEC			N.P. - INCLUDED WITH GROUP 218						
218	TOTAL BEVERAGES & MALT	27793	185369	213161	14980	16096	30347	181699	212045	
2190	TOBACCO PRODUCTS	22248	12876	35124	30	9164	14702	11288	25990	
21	TOTAL FOOD, BEVERAGES & TOBACCO	119290	515117	634406	57853	98244	105727	488289	594015	
	TEXTILES									
	TEXTILE FIBRES, YARNS AND WOVEN FABRICS									
2341	COTTON GINNING	698	3918	4616	169	-	867	3918	4785	
2342	WOOL SCOURING & TOP MAKING	1714	5704	7419	749	159	1711	6298	8009	
2343	MAN-MADE FIBRES & YARNS	25	2572	2597	1666	309	-175	4129	3954	

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS			
		NEW FIXED TANGIBLE ASSETS				DISPOSALS			
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL	LAND AND SECOND HAND ASSETS	OF FIXED TANGIBLE ASSETS	LAND AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000		
2344	TEXTILE FIBRES, YARNS AND WOVEN FABRICS MAN-MADE FIBRE BROADWOVEN FABRICS	123	6366	6488	293	2114	221	4447	4668
2345	COTTON YARNS & BROADWOVEN FABRICS	35	4175	4210	963	364	814	3995	4808
2346	WORSTED YARNS & BROADWOVEN FABRICS	14	1717	1730	138	215	14	1640	1653
2347	WOOLLEN YARNS & BROADWOVEN FABRICS	88	3541	3629	122	1590	81	2080	2161
2348	NARROW WOVEN AND ELASTIC TEXTILES	-	1199	1199	1	233	-	967	967
2349	TEXTILE FINISHING	10	8229	8238	558	450	-118	8464	8346
234	TOTAL TEXTILE FIBRES, YARNS AND WOVEN FABRICS	2706	37421	40127	4658	5434	3414	35937	39351
	OTHER TEXTILE PRODUCTS								
2351	HOUSEHOLD TEXTILES	520	1904	2423	79	188	520	1794	2314
2352	TEXTILE FLOOR COVERINGS	668	1989	2658	1535	413	595	3184	3780
2353	FELT & FELT PRODUCTS	533	5757	6290	90	139	622	5620	6241
2354	CANVAS AND ASSOCIATED PRODUCTS NEC	283	828	1111	735	498	534	814	1348
2355	ROPE, CORDAGE AND TWINE	-	40	40	50	645	-	-556	-556
2356	TEXTILE PRODUCTS NEC	608	5321	5929	43	951	585	4436	5021
235	TOTAL OTHER TEXTILE PRODUCTS	2612	15838	18451	2532	2835	2856	15292	18148
23	TOTAL TEXTILES	5319	53259	58578	7190	8269	6270	51229	57499
	CLOTHING & FOOTWEAR								
	KNITTING MILLS								
2441	HOSIERY	26	3412	3437	348	206	29	3551	3580
2442	CARDIGANS & PULLOVERS	98	1775	1873	434	332	261	1715	1976
2443	KNITTED GOODS NEC	78	4653	4731	438	1880	-390	3679	3289
244	TOTAL KNITTING MILLS	201	9840	10041	1221	2418	-101	8945	8844
	CLOTHING								
2451	MENS TROUSERS AND SHORTS; WORK CLOTHING	97	3024	3122	165	468	37	2782	2819

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS				
		NEW FIXED TANGIBLE ASSETS			LAND AND SECOND HAND ASSETS	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND			TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL			BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY		
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000		
	CLOTHING									
2452	MENS SUITS AND COATS; WATERPROOF CLOTHING	149	1116	1264	351	326	232	1056	1288	
2453	WOMENS OUTERWEAR NEC	807	4858	5665	951	1781	562	4272	4835	
2454	FOUNDATION GARMENTS	304	433	737	-	1695	-1095	138	-958	
2455	UNDERWEAR & INFANTS CLOTHING NEC	1112	5427	6539	196	815	882	5038	5921	
2456	HEADWEAR & CLOTHING NEC	162	1581	1743	943	892	71	1724	1794	
245	TOTAL CLOTHING	2631	16439	17070	2607	5978	688	15011	15699	
2460	FOOTWEAR	105	4517	4621	679	703	160	4437	4597	
24	TOTAL CLOTHING & FOOTWEAR	2937	30795	33733	4506	9099	747	28393	29140	
	WOOD, WOOD PRODUCTS & FURNITURE									
	WOOD & WOOD PRODUCTS									
2531	LOG SAWMILLING	1623	10932	12555	2023	3317	1385	9877	11262	
2532	RESAWN & DRESSED TIMBER	1661	6679	8339	1016	2021	1713	5622	7334	
2533	VENEERS & MANUFACTURED BOARDS OF WOOD	5054	33664	38718	2729	2972	5466	33009	38475	
2534	WOODEN DOORS	572	1631	2203	490	702	708	1284	1991	
2535	WOODEN STRUCTURAL FITTINGS AND JOINERY NEC	4993	11015	16008	3885	4137	4190	11566	15756	
2536	WOODEN CONTAINERS	270	4367	4637	194	1065	223	3543	3766	
2537	HARDWOOD WOODCHIPS	321	896	1217	955	599	1128	446	1573	
2538	WOOD PRODUCTS NEC	86	1601	1687	517	961	-520	1763	1243	
253	TOTAL WOOD & WOOD PRODUCTS	14580	70785	85365	11809	15773	14292	67109	81401	
	FURNITURE & MATTRESSES									
2541	FURNITURE (EXC SHEET METAL)	2936	8990	11925	3434	7418	423	7518	7942	
2542	MATTRESSES (EXC RUBBER)	446	2772	3218	71	859	62	2368	2429	
254	TOTAL FURNITURE & MATTRESSES	3381	11762	15143	3505	8277	485	9886	10371	
25	TOTAL WOOD, WOOD PRODUCTS & FURNITURE	17962	82346	100508	15314	24050	14778	76995	91772	

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS			TOTAL	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND AND VEHICLES		TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	LAND AND SECOND HAND ASSETS			BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	
\$000	\$000	\$000	\$000	\$1000	\$000	\$000	\$000		
	PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING								
2631	PAPER & PAPER PRODUCTS PULP, PAPER & PAPERBOARD	1348	33601	34949	4244	2286	943	35964	36908
2632	PAPER BAGS (INCL TEXTILE BAGS)	14	1552	1566	76	205	20	1416	1436
2633	SOLID FIBREBOARD CONTAINERS	77	3948	4025	1021	6628	101	-1683	-1582
2634	CORRUGATED FIBREBOARD CONTAINERS	5479	18837	24316	1301	7087	5492	17038	18531
2635	PAPER PRODUCTS NEC	2332	21615	23947	1026	1032	2926	21016	23942
263	TOTAL PAPER & PAPER PRODUCTS	9250	79553	88803	7668	17237	9482	69752	79235
	PRINTING & ALLIED INDUSTRIES								
2641	PUBLISHING	2122	7241	9363	8570	3268	9361	5304	14664
2642	PRINTING & PUBLISHING	8775	35014	43789	5835	11981	4242	33400	37642
2643	PAPER STATIONERY	1070	11466	12536	1109	2815	899	9931	10830
2644	PRINTING & BOOKBINDING	4416	52400	57017	9080	8028	6390	51678	58068
2645	PRINTING TRADE SERVICES NEC	49	5789	5838	1337	941	268	5966	6234
264	TOTAL PRINTING & ALLIED INDUSTRIES	16433	112109	128542	25931	27034	21150	106279	127439
26	TOTAL PAPER, PAPER PRODUCTS, PRINTING & PUBLISHING	25683	191662	217345	33599	44270	30642	176031	206674
	CHEMICAL, PETROLEUM AND COAL PRODUCTS								
	BASIC CHEMICALS								
2751	CHEMICAL FERTILISERS	5219	28353	33572	3139	668	7763	28281	36043
2752	INDUSTRIAL GASES			N.P. - INCLUDED WITH GROUP 275					
2753	SYNTHETIC RESINS & RUBBER	3247	34640	37887	408	2267	3247	32781	36028
2754	ORGANIC INDUSTRIAL CHEMICALS NEC			N.P. - INCLUDED WITH GROUP 275					
2755	INORGANIC INDUSTRIAL CHEMICALS NEC	1240	17528	18768	507	2762	1372	15140	16510
275	TOTAL BASIC CHEMICALS	11445	156241	167686	5905	10233	12893	150465	163358

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS			TOTAL	DISPOSALS OF FIXED TANGIBLE ASSETS	FIXED CAPITAL EXPENDITURE LESS DISPOSALS		
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	LAND AND SECOND HAND ASSETS			BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	CHEMICAL, PETROLEUM AND COAL PRODUCTS								
	OTHER CHEMICAL PRODUCTS								
2761	AMMUNITION, EXPLOSIVES & FIREWORKS	3468	12315	15782	90	1384	3411	11079	14489
2762	PAINTS	1794	9527	11321	222	1864	1620	8059	9679
2763	PHARMACEUTICAL AND VETERINARY PRODUCTS	12419	21861	34279	1980	5542	13750	16968	30717
2764	PESTICIDES	393	4615	5007	681	1076	408	4204	4612
2765	SOAP & OTHER DETERGENTS	2506	9952	12459	2016	4026	3136	7313	10449
2766	COSMETICS & TOILET PREPARATIONS	768	5579	6347	940	835	1616	4835	6452
2767	INKS	136	1003	1139	2	1162	-689	668	-21
2768	CHEMICAL PRODUCTS NEC	875	3576	4451	814	1134	605	3526	4131
276	TOTAL OTHER CHEMICAL PRODUCTS	22359	68427	90786	6746	17022	23857	56652	80509
2770	PETROLEUM REFINING	6173	77400	83572	-	178	6155	77239	83395
2780	PETROLEUM & COAL PRODUCTS NEC	58	1692	1950	436	1774	-1308	1920	612
27	TOTAL CHEMICAL, PETROLEUM & COAL PRODUCTS	40034	303960	343994	13086	29207	41597	286276	327873
	NON-METALLIC MINERAL PRODUCTS								
2850	GLASS & GLASS PRODUCTS	1559	30149	31708	2216	7786	-4410	30548	26138
	NON-METALLIC MINERAL PRODUCTS								
	CLAY PRODUCTS & REFRACTORIES								
2861	CLAY BRICKS	4412	23539	27951	2566	16417	-9054	23154	14100
2862	REFRACTORIES	1171	2546	3717	43	752	1171	1837	3008
2863	CERAMIC TILES & PIPES	1316	10204	11519	1417	1598	278	11061	11338
2864	CERAMIC GOODS NEC	332	1777	2108	752	365	674	1821	2495
286	TOTAL CLAY PRODUCTS & REFRACTORIES	7230	38065	45295	4778	19132	-6931	37873	30941

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS				DISPOSALS OF FIXED TANGIBLE ASSETS	LAND AND OTHER BUILDINGS AND OTHER PLANT AND MACHINERY		
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL	LAND AND SECOND HAND ASSETS		LAND AND OTHER BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	NON-METALLIC MINERAL PRODUCTS								
	CEMENT & CONCRETE PRODUCTS								
2671	CEMENT	3224	27909	31133	435	5531	2402	23635	26037
2872	READY MIXED CONCRETE	2856	12412	15269	2683	6826	1796	9330	11125
2873	CONCRETE PIPES & BOX CULVERTS								
2874	CONCRETE PRODUCTS NEC	2342	14438	16780	8551	3381	8394	13556	21950
287	TOTAL CEMENT & CONCRETE PRODUCTS	8422	54760	63182	11669	15738	12591	46521	59113
	OTHER NON-METALLIC MINERAL PRODUCTS								
2881	PLASTER PRODUCTS & EXPANDED MINERALS	3636	5869	9504	231	1631	2599	5505	8104
2882	STONE PRODUCTS	84	451	535	522	37	488	531	1020
2883	GLASS WOOL & MINERAL WOOL PRODUCTS	3	1191	1195	192	169	176	1042	1217
2884	NON-METALLIC MINERAL PRODUCTS NEC	836	14034	14870	5820	2446	4168	14076	18244
288	TOTAL OTHER NON-METALLIC MINERAL PRODUCTS	4559	21545	26104	6766	4284	7432	21154	28586
28	TOTAL NON-METALLIC MINERAL PRODUCTS	21770	144519	166289	25430	46941	8682	136096	144778
	BASIC METAL PRODUCTS								
	BASIC IRON & STEEL								
2941	IRON & STEEL BASIC PRODUCTS	12219	172591	184811	1182	10053	6437	169501	175939
2942	IRON CASTING	159	6219	6377	1050	400	879	6149	7028
2943	STEEL CASTING	229	6156	6385	378	344	163	6256	6419
2944	IRON & STEEL FORGING	87	5466	5553	320	328	115	5431	5546
2945	STEEL PIPES & TUBES	2595	14650	17245	1451	1078	3275	14343	17618
294	TOTAL BASIC IRON AND STEEL	15289	205082	220371	4381	12203	10869	201680	212549
	BASIC NON-FERROUS METALS								
2951	COPPER SMELTING, REFINING								

N.P. - INCLUDED WITH GROUP 295

FOR FOOTNOTES SEE END OF TABLE

TABLE 8 - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS			LAND AND SECOND HAND ASSETS	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL					
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	
2952	BASIC NON-FERROUS METALS SILVER, LEAD, ZINC SMELTING, REFINING	716	12097	12813	296	1532	464	11022	11486
2953	ALUMINIA	46410	472367	518777	776	178	47144	472231	519375
2754	ALUMINUM SMELTING	103879	524652	628531	2599	968	106273	523888	630161
2955	NICKEL SMELTING, REFINING			N.P. - INCLUDED WITH GROUP 295					
2956	NON-FERROUS METALS NEC SMELTING, REFINING	-	487	487	-	10	-	478	470
2957	SECONDARY, RECOVERY & ALLOYING OF NON-FERROUS METALS NEC	98	4404	4503	131	1051	103	3480	3583
295	TOTAL BASIC NON-FERROUS METALS	151465	1021342	1172806	3718	3797	154351	1018377	1172728
	NON-FERROUS METAL BASIC PRODUCTS								
2961	ALUMINIUM ROLLING, DRAWING, EXTRUDING	8501	26377	34878	2169	606	10234	26206	36440
2962	NON-FERROUS METALS NEC ROLLING, DRAWING, EXTRUDING	663	6690	7353	567	674	663	6583	7246
2963	NON-FERROUS METAL CASTING	178	2120	2298	3190	3339	-563	2712	2149
296	TOTAL NON-FERROUS METAL BASIC PRODUCTS	9342	35187	44528	5926	4619	10334	35501	45835
29	TOTAL BASIC METAL PRODUCTS	176095	1261611	1437705	14025	20619	175553	1255558	1431111
	FABRICATED METAL PRODUCTS								
	STRUCTURAL METAL PRODUCTS								
3141	FABRICATED STRUCTURAL STEEL	11474	18760	30235	6747	4308	13379	19294	32673
3142	ARCHITECTURAL ALUMINIUM PRODUCTS	1348	4524	5873	1446	2477	810	4031	4841
3143	ARCHITECTURAL METAL PRODUCTS NEC	755	2915	3670	1021	1272	917	2502	3419
314	TOTAL STRUCTURAL METAL PRODUCTS	13577	26200	39777	9213	8057	15106	25827	40933
3151	SHEET METAL PRODUCTS METAL CONTAINERS	1103	22444	23548	1201	3609	906	20234	21139

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS			LAND AND SECOND HAND ASSETS	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL					
	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
3152	SHEET METAL PRODUCTS								
3153	SHEET METAL FURNITURE	861	6331	7192	4389	426	5102	6054	11155
3153	SHEET METAL PRODUCTS NEC	3280	14915	18195	3323	4430	2560	14528	17088
315	TOTAL SHEET METAL PRODUCTS	5244	43691	48934	8913	8465	8567	40815	49383
	OTHER FABRICATED METAL PRODUCTS								
3161	CUTLERY AND HAND TOOLS NEC	90	2194	2284	121	195	93	2117	2209
3162	SPRINGS & WIRE PRODUCTS	753	7976	8729	741	1965	1019	6486	7504
3163	NUTS, BOLTS, SCREWS & RIVETS	47	3281	3328	494	1128	-431	3126	2694
3164	METAL COATING & FINISHING	5809	15911	21720	1569	1483	5648	16158	21806
3165	NON-FERROUS STEAM, GAS & WATER FITTINGS	587	3231	3818	465	1751	699	1833	2532
3166	BOILER & PLATE WORK	1116	2416	3533	569	1014	945	2142	3087
3167	METAL BLINDS & AWNINGS	150	456	606	2	118	150	340	490
3168	FABRICATED METAL PRODUCTS NEC	2374	14781	17155	2935	3364	3151	13575	16726
316	TOTAL OTHER FABRICATED METAL PRODUCTS	10926	50247	61173	6894	11019	11273	45776	57049
31	TOTAL FABRICATED METAL PRODUCTS	29748	120138	149885	25021	27541	34947	112418	147365
	TRANSPORT EQUIPMENT								
	MOTOR VEHICLES & PARTS								
3231	MOTOR VEHICLES	7598	196190	203788	0	42491	-6445	168732	162287
3232	MOTOR VEHICLE BODIES, TRAILERS, CARAVANS	351	3566	3917	1310	1261	683	3283	3966
3233	MOTOR VEHICLE INSTRUMENTS & ELECTRICAL EQUIPMENT NEC	901	5894	6795	356	2502	1182	3467	4650
3234	MOTOR VEHICLE PARTS NEC	3877	49663	53540	5668	11612	4168	43428	47596
323	TOTAL MOTOR VEHICLES & PARTS	12726	255313	268039	8324	57865	-412	218910	218498
	OTHER TRANSPORT EQUIPMENT								
3241	SHIPS	15735	4529	20264	624	438	15876	4575	20450
3242	BOATS	695	924	1619	125	442	594	708	1302
3243	RAILWAY ROLLING STOCK AND LOCOMOTIVES	1221	18421	19642	3230	541	3328	19003	22331

FOR FOOTNOTES SEE END OF TABLE

TABLE 8 - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS,
AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSETS			LAND AND SECOND HAND ASSETS	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES PLANT AND MACHINERY	TOTAL					
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000
3244	OTHER TRANSPORT EQUIPMENT								
	AIRCRAFT	19750	16972	36722	38	565	19750	16445	36195
3245	TRANSPORT EQUIPMENT NEC	2	1313	1315	39	81	2	1271	1272
324	TOTAL OTHER TRANSPORT EQUIPMENT	37403	42159	79562	4057	2067	39550	42002	81551
32	TOTAL TRANSPORT EQUIPMENT	50129	297472	347601	12380	59932	39137	260912	300049
	OTHER MACHINERY & EQUIPMENT								
	PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT								
3341	PHOTOGRAPHIC & OPTICAL GOODS	568	7017	7585	22	1088	-334	6854	4519
3342	PHOTOGRAPHIC FILM PROCESSING	1004	7429	8433	2047	1088	1004	8389	9393
3343	MEASURING, PROFESSIONAL & SCIENTIFIC EQUIPMENT NEC	941	4253	5194	441	309	1351	3975	5326
334	TOTAL PHOTOGRAPHIC, PROFESSIONAL & SCIENTIFIC EQUIPMENT	2514	18699	21212	2510	2485	2021	19217	21238
	APPLIANCES & ELECTRICAL EQUIPMENT								
3351	RADIO & TV RECEIVERS, AUDIO EQUIPMENT	712	3116	3828	143	548	513	2911	3423
3352	ELECTRONIC EQUIPMENT NEC	3211	25418	28629	2017	5097	3514	22035	25549
3353	REFRIGERATORS & HOUSEHOLD APPLIANCES	1178	22803	23981	1038	6174	-1657	20501	18844
3354	WATER HEATING SYSTEMS	336	583	5919	243	308	552	5302	5854
3355	ELECTRIC & TELEPHONE CABLE & WIRE	1397	18568	19965	1041	2740	357	17909	18265
3356	BATTERIES	45	3781	3825	313	1584	-395	2950	2554
3357	ELECTRICAL MACHINERY & EQUIPMENT NEC	6552	31436	37988	5954	6530	8785	28628	37412
335	TOTAL APPLIANCES & ELECTRICAL EQUIPMENT	13431	110704	124135	10748	22981	11668	100235	111903
	INDUSTRIAL MACHINERY & EQUIPMENT								
3361	AGRICULTURAL MACHINERY	3407	10860	14267	1118	1968	3402	10014	13417

FOR FOOTNOTES SEE END OF TABLE

TABLE B - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				DISPOSALS OF FIXED TANGIBLE ASSETS	FIXED CAPITAL EXPENDITURE LESS DISPOSALS		
		NEW FIXED TANGIBLE ASSETS			LAND AND SECOND HAND ASSETS		LAND AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL					
		\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	INDUSTRIAL MACHINERY & EQUIPMENT								
3362	CONSTRUCTION MACHINERY	479	1667	2146	1881	3062	306	965	
3363	MATERIALS HANDLING EQUIPMENT	2106	7305	9411	3626	1241	4610	11797	
3364	WOOD & METAL WORKING MACHINERY	174	2339	2512	586	802	164	2296	
3365	PUMPS & COMPRESSORS	233	4836	5070	410	1605	-294	3874	
3366	COMMERCIAL SPACE HEATING & COOLING EQUIPMENT	78	3453	3531	129	482	138	3178	
3367	DIES, SAW BLADES & MACHINE TOOL ACCESSORIES	739	4184	4923	1708	1250	1868	5381	
3368	FOOD PROCESSING MACHINERY	103	1216	1320	310	895	-274	735	
3369	INDUSTRIAL MACHINERY & EQUIPMENT NEC	6836	30320	37156	8231	6860	10103	38527	
336	TOTAL INDUSTRIAL MACHINERY AND EQUIPMENT	14155	66182	80337	17998	18165	20024	80170	
33	TOTAL OTHER MACHINERY & EQUIPMENT	30099	195585	225684	31257	43631	33713	179598	
	MISCELLANEOUS MANUFACTURING								
	LEATHER & LEATHER PRODUCTS								
3451	LEATHER TANNING & FUR DRESSING	1333	2434	3767	950	1293	1051	3424	
3452	LEATHER & LEATHER SUBSTITUTE GOODS NEC	9	266	275	12	284	-50	4	
345	TOTAL LEATHER & LEATHER PRODUCTS	1342	2700	4042	963	1577	1001	3428	
	RUBBER PRODUCTS								
3461	RUBBER TYRES, TUBES, BELTS, HOSE & SHEETS	6099	12703	18802	4146	9169	5388	17780	
3462	RUBBER PRODUCTS NEC	410	4506	4915	1256	1363	437	4808	
346	TOTAL RUBBER PRODUCTS	6509	17209	23718	5402	10532	5825	22588	
	PLASTIC & RELATED PRODUCTS								
3471	FLEXIBLE PACKAGING & ABRASIVE PAPERS	10460	18350	28810	2973	2386	10731	29397	

FOR FOOTNOTES SEE END OF TABLE

TABLE 8 - MANUFACTURING ESTABLISHMENTS (A) - FIXED CAPITAL EXPENDITURE BY TYPE OF ASSET AND TRANSACTION BY INDUSTRY CLASS, AUSTRALIA 1982-83

ASIC CODE	DESCRIPTION	CAPITAL EXPENDITURE ON				FIXED CAPITAL EXPENDITURE LESS DISPOSALS			
		NEW FIXED TANGIBLE ASSET			LAND AND SECOND HAND ASSETS	DISPOSALS OF FIXED TANGIBLE ASSETS	LAND		TOTAL
		BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	TOTAL			BUILDINGS AND OTHER STRUCTURES	VEHICLES AND PLANT AND MACHINERY	
\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	\$000	
	PLASTIC & RELATED PRODUCTS								
3472	RIGID PLASTIC SHEETING								
3473	HARD SURFACE FLOOR COVERINGS NEC	77	3215	3292	7370	3317	615	6728	7344
3474	PLASTIC PRODUCTS NEC	6340	56819	63159	8719	15472	5382	51023	56405
347	TOTAL PLASTIC & RELATED PRODUCTS	16878	78383	95261	19062	21176	16728	76418	93147
	OTHER MANUFACTURING								
3481	OPHTHALMIC ARTICLES	39	886	924	70	152	-17	861	843
3482	JEWELLERY & SILVERWARE	216	917	1133	337	160	423	887	1310
3483	BROOMS & BRUSHES	146	1643	1789	304	108	146	1840	1986
3484	SIGNS & ADVERTISING DISPLAYS	4362	3503	7865	1097	991	4604	3368	7971
3485	SPORTING EQUIPMENT	18	1156	1174			-134	1002	867
3486	WRITING & MARKING EQUIPMENT	284	622	906	397	333	529	440	969
3487	MANUFACTURING NEC	294	1321	1616	184	146	392	1262	1653
348	TOTAL OTHER MANUFACTURING	5360	10048	15407	2614	2422	5941	9659	15600
34	TOTAL MISCELLANEOUS MANUFACTURING	30088	108340	138428	28041	31706	29495	105267	134762
21-34	TOTAL MANUFACTURING	549154	3305004	3854157	267702	443509	521289	3157062	3678351

(A) EXCLUDES SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED (SEE PARAGRAPH 7 OF THE EXPLANATORY NOTES).

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP, AUSTRALIA, 1981-82 AND 1982-83

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	
	<i>Food, beverages and tobacco</i>										
211	Meat products										
	1981-82	41,275	67,895	2,101	—	—	n.p.	n.p.	—	—	—
	1982-83	52,106	68,718	2,533	—	—	n.p.	n.p.	—	—	—
212	Milk products										
	1981-82	19,553	24,750	882	—	—	93,947	2,067	—	—	—
	1982-83	24,694	25,829	1,027	—	—	81,448	2,408	—	—	—
213	Fruit and vegetable products										
	1981-82	9,367	16,603	593	—	—	n.p.	n.p.	—	—	—
	1982-83	10,294	17,173	698	—	—	n.p.	n.p.	—	—	—
214	Margarine and oils and fats, n.e.c.										
	1981-82	4,259	38,786	1,385	—	—	n.p.	n.p.	—	—	—
	1982-83	5,423	33,430	1,343	—	—	n.p.	n.p.	—	—	—
215	Flour mill and cereal food products										
	1981-82	11,955	n.p.	n.p.	—	—	—	—	—	—	—
	1982-83	16,586	15,987	763	—	—	—	—	—	—	—
216	Bread, cakes and biscuits										
	1981-82	12,043	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	15,409	n.p.	n.p.	—	—	—	—	n.p.	n.p.	n.p.
217	Other food products										
	1981-82	22,228	96,920	3,768	—	—	18,109	422	n.p.	n.p.	n.p.
	1982-83	29,019	95,114	4,390	—	—	13,481	386	—	—	—
218	Beverages and malt										
	1981-82	20,617	42,982	1,803	—	—	812	18	—	—	—
	1982-83	25,132	57,451	2,605	—	—	410	12	n.p.	n.p.	n.p.
219	Tobacco products										
	1981-82	2,399	n.p.	n.p.	—	—	—	—	—	—	—
	1982-83	3,062	n.p.	n.p.	—	—	—	—	—	—	—
21	Total food, beverages and tobacco										
	1981-82	143,695	319,166	11,567	—	—	139,197	3,006	50	5	5
	1982-83	181,727	322,529	13,750	—	—	116,800	3,317	n.p.	n.p.	n.p.

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oil(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	'000	tonne	'000	tonne	'000	'000	'000	'000	'000	'000
<i>Food, beverages and tobacco</i>												
211	Meat products											
	1981-82	7,492	2,292	14,588	4,701	67,748	15,541	5,942	404	108	n.p.	72,974
	1982-83	5,853	2,247	15,529	6,038	60,149	15,347	7,343	538	114	n.p.	86,888
212	Milk products											
	1981-82	467	148	5,790	1,931	43,390	9,820	3,898	1,361	n.p.	n.p.	40,470
	1982-83	953	370	6,655	2,370	35,451	9,469	5,833	1,818	n.p.	n.p.	48,842
213	Fruit and vegetable products											
	1981-82	151	44	1,481	453	30,641	6,594	1,879	507	n.p.	n.p.	19,821
	1982-83	1,007	413	805	327	27,843	6,912	2,258	487	7	n.p.	21,747
214	Margarine and oils and fats, n.e.c.											
	1981-82	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	n.p.	8,802
	1982-83	—	—	n.p.	n.p.	n.p.	n.p.	1,912	n.p.	—	n.p.	9,704
215	Flour mill and cereal food products											
	1981-82	390	126	757	251	2,906	665	2,329	281	n.p.	n.p.	16,669
	1982-83	250	107	772	334	2,983	723	2,714	n.p.	n.p.	n.p.	21,843
216	Bread, cakes and biscuits											
	1981-82	6,825	2,249	11,160	3,556	14,758	3,622	5,152	253	281	32	27,248
	1982-83	6,947	2,715	6,058	2,267	18,291	5,164	6,225	n.p.	n.p.	n.p.	32,598
217	Other food products											
	1981-82	3,211	978	10,528	3,248	32,424	7,252	5,970	499	287	n.p.	45,700
	1982-83	4,608	1,683	9,795	3,825	24,793	6,090	8,292	474	n.p.	n.p.	55,746
218	Beverages and malt											
	1981-82	4,247	1,159	2,980	785	20,848	5,154	6,563	767	42	378	37,287
	1982-83	4,040	1,316	1,494	623	16,351	4,623	7,832	738	29	n.p.	43,330
219	Tobacco products											
	1981-82	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	3,255
	1982-83	—	—	n.p.	n.p.	n.p.	n.p.	574	n.p.	—	—	4,124
21	Total food, beverages and tobacco											
	1981-82	22,892	7,025	47,820	15,095	218,226	49,983	33,933	4,098	1,016	2,884	272,226
	1982-83	23,659	8,852	41,846	16,093	188,821	49,117	42,976	4,695	1,836	n.p.	334,821

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$' 000	tonne	\$' 000	tonne	\$' 000	tonne	\$' 000	tonne	\$' 000	tonne
	<i>Textiles</i>										
234	Textile fibres, yarns and woven fabrics										
	1981-82	18,686	n.p.	n.p.	—	—	n.p.	n.p.	—	—	
	1982-83	22,568	n.p.	n.p.	—	—	n.p.	n.p.	—	—	
235	Other textile products										
	1981-82	5,193	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	—	
	1982-83	6,399	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	—	
23	Total textiles										
	1981-82	23,879	26,998	775	n.p.	n.p.	48,038	1,277	—	—	
	1982-83	28,967	28,353	907	n.p.	n.p.	38,321	1,251	—	—	
	<i>Clothing and footwear</i>										
244	Knitting mills										
	1981-82	4,029	—	—	—	—	—	—	—	—	
	1982-83	4,866	n.p.	n.p.	—	—	—	—	—	—	
245	Clothing										
	1981-82	7,356	n.p.	n.p.	—	—	—	—	—	—	
	1982-83	8,568	n.p.	n.p.	—	—	—	—	—	—	
246	Footwear										
	1981-82	2,148	—	—	—	—	—	—	—	—	
	1982-83	2,531	n.p.	n.p.	—	—	—	—	—	—	
24	Total clothing and footwear										
	1981-82	13,534	n.p.	n.p.	—	—	—	—	—	—	
	1982-83	15,965	714	25	—	—	—	—	—	—	
	<i>Wood, wood products and furniture</i>										
253	Wood and wood products										
	1981-82	32,008	n.p.	n.p.	n.p.	n.p.	—	—	n.p.	n.p.	
	1982-83	36,564	n.p.	n.p.	n.p.	n.p.	—	—	n.p.	n.p.	
254	Furniture and mattresses										
	1981-82	7,556	—	—	—	—	—	—	—	—	
	1982-83	8,727	n.p.	n.p.	—	—	—	—	—	—	
25	Total wood, wood products and furniture										
	1981-82	39,564	n.p.	n.p.	n.p.	n.p.	—	—	n.p.	n.p.	
	1982-83	45,291	n.p.	n.p.	n.p.	n.p.	—	—	n.p.	n.p.	

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oil(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	
	<i>Textiles</i>											
234	Textile fibres, yarns and woven fabrics											
	1981-82	1,461	465	3,447	1,152	13,211	2,993	5,746	362	226	n.p.	32,085
	1982-83	1,245	491	n.p.	n.p.	16,876	4,171	6,168	214	n.p.	n.p.	37,081
235	Other textile products											
	1981-82	154	53	771	238	2,332	514	1,604	54	2	n.p.	7,958
	1982-83	308	119	n.p.	n.p.	1,960	518	2,150	72	7	n.p.	9,584
23	Total textiles											
	1981-82	1,615	518	4,218	1,390	15,543	3,508	7,350	416	228	693	40,044
	1982-83	1,554	610	1,672	691	18,836	4,689	8,318	286	n.p.	740	46,665
	<i>Clothing and footwear</i>											
244	Knitting mills											
	1981-82	388	133	360	117	1,458	348	1,272	n.p.	n.p.	n.p.	6,171
	1982-83	187	73	259	101	1,088	270	1,490	n.p.	n.p.	n.p.	7,150
245	Clothing											
	1981-82	568	178	910	301	1,746	398	569	22	10	n.p.	8,846
	1982-83	488	184	914	308	1,733	441	770	n.p.	11	n.p.	10,326
246	Footwear											
	1981-82	348	122	16	5	131	34	155	n.p.	n.p.	—	2,472
	1982-83	246	98	n.p.	n.p.	n.p.	n.p.	166	n.p.	n.p.	—	2,847
24	Total clothing and footwear											
	1981-82	1,304	434	1,286	423	3,335	779	1,996	41	31	n.p.	17,488
	1982-83	921	355	n.p.	n.p.	n.p.	n.p.	2,426	n.p.	36	n.p.	20,323
	<i>Wood, wood products and furniture</i>											
253	Wood and wood products											
	1981-82	7,954	2,601	11,499	3,191	34,286	7,802	819	312	6	1,671	49,341
	1982-83	5,108	2,052	5,203	2,115	26,307	6,338	1,264	315	66	n.p.	51,468
254	Furniture and mattresses											
	1981-82	476	153	194	60	758	194	361	115	11	9	8,459
	1982-83	440	183	72	25	1,137	325	460	121	31	n.p.	9,904
25	Total wood, wood products and furniture											
	1981-82	8,430	2,754	11,693	3,251	35,044	7,996	1,180	427	17	1,680	57,800
	1982-83	5,548	2,236	5,275	2,141	27,444	6,663	1,724	436	97	1,874	61,373

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne
	<i>Paper, paper products, printing and publishing</i>										
263	Paper and paper products										
	1981-82	47,137	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	—
	1982-83	65,075	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	—
264	Printing and allied industries										
	1981-82	23,075	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	—	—
	1982-83	29,190	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	—	—
26	Total paper, paper products, printing and publishing										
	1981-82	70,212	238,330	8,557	n.p.	n.p.	n.p.	n.p.	n.p.	—	—
	1982-83	94,266	333,665	14,184	n.p.	n.p.	n.p.	n.p.	n.p.	—	—
	<i>Chemical, petroleum and coal products</i>										
275	Basic chemicals										
	1981-82	60,827	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	79,072	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
276	Other chemical products										
	1981-82	15,255	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	20,077	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
277	Petroleum refining										
	1981-82	25,892	—	—	—	—	—	—	—	—	—
	1982-83	34,688	—	—	—	—	—	—	—	—	—
278	Petroleum and coal products, n.e.c.										
	1981-82	897	n.p.	n.p.	—	—	—	—	—	—	—
	1982-83	1,001	n.p.	n.p.	—	—	—	—	—	—	—
27	Total chemical, petroleum and coal products										
	1981-82	102,872	n.p.	n.p.	n.p.	n.p.	37,867	819	n.p.	n.p.	n.p.
	1982-83	134,839	40,796	1,470	—	—	31,777	890	n.p.	n.p.	n.p.

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	
	<i>Paper, paper products, printing and publishing</i>											
263	Paper and paper products											
	1981-82	1,203	353	n.p.	n.p.	n.p.	n.p.	12,367	464	36	325	97,007
	1982-83	1,480	560	n.p.	n.p.	n.p.	n.p.	22,659	434	n.p.	300	121,823
264	Printing and allied industries											
	1981-82	1,354	471	n.p.	n.p.	n.p.	n.p.	1,396	56	59	9	25,690
	1982-83	973	384	306	129	1,007	272	1,736	113	n.p.	6	32,005
26	Total paper, paper products, printing and publishing											
	1981-82	2,557	824	7,816	2,416	100,205	24,068	13,763	520	95	335	122,699
	1982-83	2,453	944	n.p.	n.p.	n.p.	n.p.	24,396	547	119	306	153,828
	<i>Chemical, petroleum and coal products</i>											
275	Basic chemicals											
	1981-82	n.p.	n.p.	10,907	3,069	84,074	18,062	23,136	1,918	n.p.	n.p.	150,143
	1982-83	3,564	1,176	4,569	1,497	59,582	13,710	33,622	4,287	n.p.	n.p.	172,700
276	Other chemical products											
	1981-82	n.p.	n.p.	3,061	979	n.p.	n.p.	4,123	n.p.	14	n.p.	25,850
	1982-83	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	100	14	2	31,356
277	Petroleum refining											
	1981-82	n.p.	n.p.	—	—	n.p.	n.p.	16,555	n.p.	n.p.	n.p.	60,492
	1982-83	n.p.	n.p.	—	—	n.p.	n.p.	27,815	—	n.p.	n.p.	68,915
278	Petroleum and coal products, n.e.c.											
	1981-82	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	86	8	n.p.	—	3,378
	1982-83	323	122	n.p.	n.p.	2,182	565	n.p.	7	—	—	2,948
27	Total chemical petroleum and coal products											
	1981-82	43,952	13,627	14,134	4,897	119,774	26,513	43,901	2,203	9,125	31,441	239,064
	1982-83	6,203	2,192	7,596	2,718	81,346	19,560	68,173	4,450	15,032	n.p.	275,939

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne
<i>Non-metallic mineral products</i>											
285	Glass and glass products										
	1981-82	9,932	—	—	—	—	—	—	—	—	—
	1982-83	12,806	—	—	—	—	—	—	—	—	—
286	Clay products and refractories										
	1981-82	21,684	n.p.	n.p.	n.p.	n.p.	—	—	—	n.p.	n.p.
	1982-83	24,588	n.p.	n.p.	n.p.	n.p.	—	—	—	—	n.p.
287	Cement and concrete products										
	1981-82	29,186	856,503	23,542	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	34,477	1,012,628	29,373	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
288	Other non-metallic mineral products										
	1981-82	11,650	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	12,832	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
28	Total non-metallic mineral products										
	1981-82	72,452	1,839,347	29,143	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	84,764	1,182,420	34,902	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
<i>Basic metal products</i>											
294	Basic iron and steel										
	1981-82	226,973	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	191,416	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
295	Basic non-ferrous metal										
	1981-82	147,815	n.p.	n.p.	—	—	—	—	—	199,593	24,208
	1982-83	161,334	n.p.	n.p.	—	—	—	—	—	194,777	27,621
296	Non-ferrous metal basic products										
	1981-82	15,694	—	—	—	—	—	—	—	n.p.	n.p.
	1982-83	16,641	—	—	—	—	—	—	—	n.p.	n.p.
29	Total basic metal products										
	1981-82	390,482	1,313,642	41,676	—	—	n.p.	n.p.	n.p.	441,259	46,179
	1982-83	369,391	1,284,400	49,077	—	—	n.p.	n.p.	n.p.	272,318	37,839
<i>Fabricated metal products</i>											
314	Structural metal products										
	1981-82	10,742	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	163	19
	1982-83	11,541	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	152	20
315	Sheet metal products										
	1981-82	13,333	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	15,432	—	—	—	—	n.p.	n.p.	n.p.	n.p.	n.p.

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	<i>Non-metallic mineral products</i>											
	<i>Glass and glass products</i>											
285	1981-82	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	14,013	178	n.p.	—	33,367
	1982-83	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	18,270	270	n.p.	n.p.	36,109
286	<i>Clay products and refractories</i>											
	1981-82	11,101	3,086	n.p.	n.p.	63,935	12,891	34,725	1,131	533	1,478	79,963
	1982-83	3,511	1,128	n.p.	n.p.	42,685	10,146	33,370	869	n.p.	1,369	74,707
287	<i>Cement and concrete products</i>											
	1981-82	5,487	1,779	9,265	2,999	n.p.	n.p.	13,194	892	n.p.	n.p.	75,074
	1982-83	6,742	2,529	6,244	2,467	n.p.	n.p.	15,145	847	45	n.p.	89,704
288	<i>Other non-metallic mineral products</i>											
	1981-82	n.p.	n.p.	971	267	17,470	3,776	7,660	769	10	n.p.	28,090
	1982-83	n.p.	n.p.	1,113	435	13,001	3,031	7,753	546	n.p.	304	28,690
28	Total non-metallic mineral products											
	1981-82	17,864	5,262	16,886	5,367	131,865	27,584	69,592	2,971	n.p.	2,062	216,494
	1982-83	11,060	3,950	10,622	4,101	84,411	20,856	74,538	2,532	n.p.	1,978	229,209
	<i>Basic metal products</i>											
294	<i>Basic iron and steel</i>											
	1981-82	n.p.	n.p.	19,527	5,580	101,001	22,039	32,748	3,116	n.p.	n.p.	342,618
	1982-83	6,955	2,387	12,159	4,115	51,587	11,788	31,415	1,686	1,196	n.p.	264,393
295	<i>Basic non-ferrous metal</i>											
	1981-82	n.p.	n.p.	58 463	17,792	1,295,454	256,206	28,338	472	268	n.p.	543,409
	1982-83	25,893	9,098	47,308	17,303	993,093	213,116	46,248	729	n.p.	n.p.	553,112
296	<i>Non-ferrous metal basic products</i>											
	1981-82	192	69	5,300	1,426	14,035	3,673	5,135	966	32	n.p.	27,014
	1982-83	225	90	979	317	3,502	947	6,725	282	19	n.p.	25,039
29	Total basic metal products											
	1981-82	40,754	10,411	83,390	24,798	1,410,490	281,918	66,222	4,554	n.p.	43,147	913,842
	1982-83	33,073	11,575	60,446	21,735	1,048,182	226,251	84,388	2,697	n.p.	n.p.	842,544
	<i>Fabricated metal products</i>											
314	<i>Structural metal products</i>											
	1981-82	2,177	683	575	195	1,166	279	731	281	n.p.	n.p.	13,363
	1982-83	1,327	528	636	263	565	147	712	402	379	55	14,050
315	<i>Sheet metal products</i>											
	1981-82	716	243	2,837	881	1,965	467	3,967	826	228	n.p.	20,006
	1982-83	735	287	1,412	552	1,424	393	4,637	370	133	49	21,907

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$' 000	tonne	\$' 000	tonne	\$' 000	tonne	\$' 000	tonne	\$' 000	tonne
316	Other fabricated metal products										
	1981-82	24,152	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	27,251	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
31	Total fabricated metal products										
	1981-82	48,230	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	401	40
	1982-83	54,224	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	514	82
	<i>Transport equipment</i>										
323	Motor vehicles and parts										
	1981-82	33,476	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	36,354	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
324	Other transport equipment										
	1981-82	13,494	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
	1982-83	17,546	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
32	Total transport equipment										
	1981-82	46,971	1,610	57	—	—	n.p.	n.p.	n.p.	16,414	2,276
	1982-83	53,900	1,483	60	—	—	n.p.	n.p.	n.p.	4,856	831
	<i>Other machinery and equipment</i>										
334	Photographic, professional and scientific equipment										
	1981-82	3,888	—	—	—	—	—	—	—	n.p.	n.p.
	1982-83	5,016	—	—	—	—	—	—	—	n.p.	n.p.
335	Appliances and electrical equipment										
	1981-82	29,134	n.p.	n.p.	—	—	—	—	—	n.p.	n.p.
	1982-83	34,365	n.p.	n.p.	—	—	—	—	—	n.p.	n.p.
336	Industrial machinery and equipment										
	1981-82	24,645	n.p.	n.p.	—	—	52	1	5,436	839	
	1982-83	26,598	n.p.	n.p.	—	—	28	1	4,571	640	
33	Total other machinery and equipment										
	1981-82	57,667	22,807	463	—	—	52	1	6,010	909	
	1982-83	65,979	n.p.	n.p.	—	—	28	1	n.p.	n.p.	

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
316	Other fabricated metal products											
	1981-82	3,061	1,036	4,142	1,311	9,263	2,254	5,962	1,389	288	140	36,798
	1982-83	1,731	703	5,003	2,137	7,556	2,028	6,395	914	400	200	40,363
31	Total fabricated metal products											
	1981-82	5,954	1,961	7,554	2,387	12,394	3,000	10,660	2,496	n.p.	196	70,167
	1982-83	3,792	1,518	7,051	2,953	9,545	2,567	11,744	1,685	912	305	76,320
	<i>Transport equipment</i>											
323	Motor vehicles and parts											
	1981-82	4,666	1,412	505	167	7,163	1,748	7,842	1,538	n.p.	n.p.	48,989
	1982-83	3,475	1,369	386	173	5,862	1,524	8,481	1,453	273	n.p.	50,400
324	Other transport equipment											
	1981-82	3,357	1,156	765	243	9,416	2,374	1,211	385	159	n.p.	19,906
	1982-83	2,806	1,109	805	346	7,951	2,178	1,326	438	271	n.p.	24,400
32	Total transport equipment											
	1981-82	8,023	2,588	1,270	410	16,579	4,122	9,053	1,923	n.p.	n.p.	68,895
	1982-83	6,281	2,478	1,191	518	13,813	3,702	9,807	1,891	544	n.p.	74,800
	<i>Other machinery and equipment</i>											
334	Photographic, professional and scientific equipment											
	1981-82	85	26	n.p.	n.p.	n.p.	n.p.	634	9	43	n.p.	4,699
	1982-83	84	33	n.p.	n.p.	n.p.	n.p.	865	n.p.	36	n.p.	6,092
335	Appliances and electrical equipment											
	1981-82	1,505	508	n.p.	n.p.	n.p.	n.p.	5,609	1,169	312	n.p.	38,844
	1982-83	2,104	816	n.p.	n.p.	n.p.	n.p.	5,542	n.p.	330	50	43,769
336	Industrial machinery and equipment											
	1981-82	3,874	1,314	2,855	897	6,644	1,609	2,919	877	551	n.p.	33,853
	1982-83	3,722	1,343	1,487	572	6,468	1,717	2,930	970	390	n.p.	35,350
33	Total other machinery and equipment											
	1981-82	5,464	1,849	5,417	1,992	10,709	2,504	9,142	2,855	906	288	77,596
	1982-83	5,910	2,192	2,854	793	10,766	2,874	9,337	1,838	795	209	85,211

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Electricity		Black coal		Brown coal		Brown coal briquettes		Coke (including coke breeze)	
		\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne	\$'000	tonne
	<i>Miscellaneous manufacturing</i>										
345	Leather and leather products										
	1981-82	2,182	n.p.	n.p.	—	—	n.p.	n.p.	—	—	—
	1982-83	2,430	n.p.	n.p.	—	—	—	—	—	—	—
346	Rubber products										
	1981-82	12,163	n.p.	n.p.	—	—	—	—	—	—	—
	1982-83	12,809	n.p.	n.p.	—	—	—	—	—	—	—
347	Plastic and related products										
	1981-82	30,396	n.p.	n.p.	—	—	n.p.	n.p.	—	—	—
	1982-83	39,084	—	—	—	—	n.p.	n.p.	—	—	—
348	Other manufacturing										
	1981-82	3,982	n.p.	n.p.	—	—	n.p.	n.p.	—	—	—
	1982-83	4,495	n.p.	n.p.	—	—	n.p.	n.p.	—	—	—
34	Total miscellaneous manufacturing										
	1981-82	48,723	n.p.	n.p.	—	—	3,355	74	—	—	—
	1982-83	58,818	n.p.	n.p.	—	—	n.p.	n.p.	—	—	—
21-34	Total manufacturing										
	1981-82	1,058,281	3,107,466	97,642	333,345	2,497	274,762	6,144	499,295	53,728	
	1982-83	1,188,070	3,387,169	119,321	319,185	2,712	261,719	7,955	318,678	43,539	

For footnotes see end of table

TABLE 9. MANUFACTURING ESTABLISHMENTS(a)—USAGE OF ELECTRICITY AND FUELS(b), BY INDUSTRY GROUP,
AUSTRALIA, 1981-82 AND 1982-83—continued

ASIC code	Description	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Main Gas	Liquefied petroleum gas	Other gases	All other fuels	Total
		'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	<i>Miscellaneous manufacturing</i>											
345	Leather and leather products											
	1981-82	806	271	560	169	2,330	554	460	24	4	n.p.	3,788
	1982-83	1,120	436	388	163	1,269	345	685	n.p.	n.p.		4,185
346	Rubber products											
	1981-82	652	214	1,137	362	7,901	1,795	3,124	64	28	n.p.	18,077
	1982-83	781	302	766	299	7,016	1,746	2,937	33	n.p.	n.p.	18,678
347	Plastic and related products											
	1981-82	943	324	2,651	848	3,608	935	2,158	260	40	n.p.	35,075
	1982-83	1,118	426	1,421	576	2,056	589	2,221	359	n.p.	n.p.	43,497
348	Other manufacturing											
	1981-82	337	108	203	71	685	172	211	25	29	n.p.	9,086
	1982-83	195	74	177	68	644	179	243	n.p.	13	n.p.	9,993
34	Total miscellaneous manufacturing											
	1981-82	2,738	917	4,551	1,449	14,524	3,456	5,953	374	101	n.p.	66,025
	1982-83	3,215	1,239	2,752	1,107	10,985	2,859	6,086	n.p.	285	n.p.	76,352
21-34	Total manufacturing											
	1981-82	161,545	48,170	206,865	62,676	2,096,388	435,271	272,764	22,078	17,434	85,442	2,162,132
	1982-83	183,669	38,140	149,551	56,645	1,584,398	351,403	343,912	21,545	29,080	65,061	2,267,385

(a) Excludes single establishments manufacturing enterprises with fewer than four persons employed (see paragraph 7 of Explanatory notes). (b) Excludes usage of electricity and fuels produced and used in the same establishment. (c) Light oils for heating and burning (kerosene, heating oil, motor spirit, automotive distillate, etc.). Excludes fuels used in motor vehicles.

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83

ASIC code	Description	Electricity	Light oil(s)	Industrial diesel fuel	Furnace oil and other fuel oil	Mains gas	Liquefied petroleum gas	All other fuels	Total			
		'000 \$'000	'000 litre	'000 \$'000	tonne	'000 \$'000	tonne	'000 \$'000	'000 \$'000	'000 \$'000		
<i>Food, beverages and tobacco</i>												
<i>Meat products</i>												
2115	Meat (except smallgoods or poultry)	38,288	5,115	1,958	12,769	4,913	48,957	12,522	5,037	240	2,804	65,762
2116	Poultry	7,185	394	160	1,968	803	4,450	1,152	649	292	62	10,303
2117	Bacon, ham and smallgoods, n.e.c.	6,633	345	129	792	323	6,742	1,673	1,658	6	402	10,824
211	<i>Total meat products</i>	<i>52,106</i>	<i>5,853</i>	<i>2,247</i>	<i>15,529</i>	<i>6,038</i>	<i>60,149</i>	<i>15,347</i>	<i>7,343</i>	<i>538</i>	<i>3,268</i>	<i>86,888</i>
<i>Milk products</i>												
2121	Liquid milk and cream	10,527	508	200	n.p.	n.p.	9,620	2,480	1,960	237	n.p.	16,885
2122	Butter	3,246	n.p.	n.p.	n.p.	n.p.	9,070	2,510	1,935	1,256	1,362	10,606
2123	Cheese	3,888	n.p.	n.p.	4,511	1,584	5,768	1,639	915	221	n.p.	8,667
2124	Ice cream and frozen confections	4,770	n.p.	n.p.	n.p.	n.p.	1,341	390	470	n.p.	n.p.	5,911
2125	Milk products, n.e.c.	2,263	n.p.	n.p.	n.p.	n.p.	9,552	2,450	543	n.p.	n.p.	6,772
212	<i>Total milk products</i>	<i>24,694</i>	<i>953</i>	<i>370</i>	<i>6,655</i>	<i>2,370</i>	<i>35,451</i>	<i>9,469</i>	<i>5,833</i>	<i>1,818</i>	<i>4,287</i>	<i>48,842</i>
<i>Fruit and vegetable products</i>												
2131	Fruit products	4,553	888	366	n.p.	n.p.	12,871	3,305	1,008	224	n.p.	10,104
2132	Vegetable products	5,741	119	48	n.p.	n.p.	14,972	3,606	1,242	263	n.p.	11,643
213	<i>Total fruit and vegetable products</i>	<i>10,294</i>	<i>1,007</i>	<i>413</i>	<i>805</i>	<i>327</i>	<i>27,843</i>	<i>6,912</i>	<i>2,250</i>	<i>487</i>	<i>1,063</i>	<i>21,747</i>
214	<i>Margarine and oils and fats, n.e.c.</i>	<i>5,423</i>	—	—	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>1,912</i>	<i>n.p.</i>	<i>1,449</i>	<i>9,704</i>
<i>Flour mill and cereal food products</i>												
2151	Flour mill products	5,899	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	5,985
2152	Starch, gluten and starch sugars	4,229	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	1,370	n.p.	n.p.	7,043
2153	Cereal foods and baking mixes	6,458	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	252	n.p.	8,814
215	<i>Total flour mill and cereal food products</i>	<i>16,586</i>	<i>250</i>	<i>107</i>	<i>772</i>	<i>334</i>	<i>2,983</i>	<i>723</i>	<i>2,714</i>	<i>n.p.</i>	<i>n.p.</i>	<i>21,843</i>
<i>Bread, cakes and biscuits</i>												
2161	Bread	7,928	6,193	2,418	5,015	1,833	15,623	4,473	3,599	n.p.	n.p.	20,484
2162	Cakes and pastries	4,897	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	1,097	182	329	7,821
2163	Biscuits	2,584	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	1,529	n.p.	n.p.	4,293
216	<i>Total bread, cakes and biscuits</i>	<i>15,409</i>	<i>6,947</i>	<i>2,715</i>	<i>6,058</i>	<i>2,267</i>	<i>18,291</i>	<i>5,164</i>	<i>6,225</i>	<i>n.p.</i>	<i>n.p.</i>	<i>32,598</i>
<i>Other food products</i>												
2171	Raw sugar	3,343	2,102	762	2,066	763	12,117	2,776	—	9	n.p.	n.p.
2173	Confectionery and cocoa products	4,826	177	64	n.p.	n.p.	1,321	335	1,261	n.p.	386	6,909

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity		Light oils (c)		Industrial diesel fuel		Furnace oil and other fuel oil		Liquefied petroleum gas		All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000		
	<i>Other food products—continued</i>												
2174	Processed seafoods	3,552	486	197	n.p.	n.p.	324	84	116	n.p.	n.p.	n.p.	5,490
2175	Prepared animal and bird foods	8,520	887	344	2,534	1,025	5,323	1,479	1,835	115	118	n.p.	13,435
2176	Food products, n.e.c.	8,778	955	316	1,634	586	5,708	1,416	5,080	296	n.p.	n.p.	n.p.
217	<i>Total other food products</i>	29,019	4,608	1,683	9,795	3,825	24,793	6,090	8,292	474	6,362	n.p.	55,746
	<i>Beverages and malt</i>												
2185	Soft drinks, cordials and syrups	4,139	1,050	392	n.p.	n.p.	2,388	635	439	550	n.p.	n.p.	6,558
2186	Beer	12,457	n.p.	n.p.	301	141	7,789	2,373	3,746	n.p.	2,320	n.p.	21,176
2187	Malt	4,481	2,264	630	n.p.	n.p.	2,907	767	3,366	n.p.	n.p.	n.p.	n.p.
2188	Wine and brandy	3,918	n.p.	n.p.	n.p.	n.p.	3,267	848	n.p.	n.p.	45	n.p.	5,443
2189	Alcoholic beverages, n.e.c.	137	—	—	—	—	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
218	<i>Total beverages and malt</i>	25,132	4,040	1,316	1,494	623	16,351	4,623	7,832	738	3,065	n.p.	43,330
219	<i>Tobacco products</i>	3,062	—	—	n.p.	n.p.	n.p.	n.p.	574	n.p.	n.p.	n.p.	4,124
21	<i>Total food, beverages and tobacco</i>	181,727	23,659	8,852	41,846	16,093	188,821	49,117	42,976	4,695	21,362	n.p.	324,821
	<i>Textiles</i>												
	<i>Textile fibres, yarns and woven fabrics</i>												
2341	Cotton ginning	1,904	n.p.	n.p.	n.p.	n.p.	—	—	—	—	—	—	2,729
2342	Wool scouring and top making	2,533	n.p.	n.p.	—	—	n.p.	n.p.	1,480	n.p.	636	n.p.	4,864
2343	Man-made fibres and yarns	4,287	n.p.	n.p.	—	—	n.p.	n.p.	836	n.p.	n.p.	n.p.	5,305
2344	Man-made fibre broadwoven fabrics	3,032	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	706	n.p.	n.p.	n.p.	5,695
2345	Cotton yarns and broadwoven fabrics	4,318	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	289	n.p.	n.p.	n.p.	5,962
2346	Woolsten yarns and broadwoven fabrics	1,417	n.p.	n.p.	n.p.	n.p.	1,670	410	661	n.p.	n.p.	n.p.	2,379
2347	Woollen yarns and broadwoven fabrics	1,952	n.p.	n.p.	n.p.	n.p.	4,955	1,261	192	n.p.	236	n.p.	3,700
2348	Narrow woven and elastic textiles	625	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	148	—	—	n.p.	952
2349	Textile finishing	2,500	152	56	n.p.	n.p.	1,474	379	1,856	28	n.p.	n.p.	5,496
234	<i>Total textile fibres, yarns and woven fabrics</i>	22,568	1,245	491	n.p.	n.p.	16,876	4,171	6,168	214	n.p.	n.p.	37,081
	<i>Other textile products</i>												
2351	Household textiles	408	n.p.	n.p.	n.p.	n.p.	167	42	n.p.	n.p.	n.p.	n.p.	528
2352	Textile floor coverings	2,372	5	2	n.p.	n.p.	n.p.	n.p.	1,447	55	n.p.	n.p.	4,305
2353	Felt and felt products	612	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	921
2354	Canvas and associated products, n.e.c.	650	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	122	n.p.	n.p.	n.p.	806

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity		Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains gas	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	Other textile products—continued												
2355	Rope, cordage and twine	438	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	541
2356	Textile products, n.e.c.	1,919	n.p.	n.p.	n.p.	n.p.	335	87	412	n.p.	n.p.	n.p.	2,482
235	Total other textile products	6,399	308	119	n.p.	n.p.	1,960	518	2,150	72	n.p.	n.p.	9,584
23	Total textiles	28,967	1,554	610	1,672	691	18,836	4,689	8,318	286	3,105	46,665	
	Clothing and footwear												
	Knitting mills												
2441	Hosiery	1,088	n.p.	n.p.	—	—	295	64	259	—	n.p.	n.p.	1,445
2442	Cardigans and pullovers	1,455	98	38	n.p.	n.p.	474	122	202	n.p.	n.p.	n.p.	1,892
2443	Knitted goods, n.e.c.	2,323	n.p.	n.p.	n.p.	n.p.	319	85	1,028	n.p.	n.p.	n.p.	3,813
244	Total knitting mills	4,866	187	73	259	101	1,088	270	1,490	n.p.	n.p.	n.p.	7,150
	Clothing												
2451	Mens trousers and shorts; work clothing	1,619	52	20	236	95	709	178	n.p.	n.p.	n.p.	n.p.	1,969
2452	Mens suits and coats; waterproof clothing	851	n.p.	n.p.	67	26	553	141	184	n.p.	n.p.	n.p.	1,221
2453	Womens outerwear, n.e.c.	2,821	114	43	571	171	291	76	118	13	12	3,754	
2454	Foundation garments	390	n.p.	n.p.	—	—	—	—	n.p.	—	—	—	412
2455	Underwear and infants clothing, n.e.c.	2,042	153	54	18	7	n.p.	n.p.	296	n.p.	n.p.	n.p.	2,440
2456	Headwear and clothing, n.e.c.	845	115	48	22	8	n.p.	n.p.	106	n.p.	n.p.	n.p.	1,030
245	Total clothing	8,568	488	184	914	308	1,733	441	770	n.p.	n.p.	n.p.	10,326
246	Footwear	2,531	246	98	n.p.	n.p.	n.p.	n.p.	166	n.p.	n.p.	n.p.	2,847
24	Total clothing and footwear	15,965	921	355	n.p.	n.p.	n.p.	n.p.	2,426	n.p.	n.p.	n.p.	20,323
	Wood, wood products and furniture												
	Wood and wood products												
2511	Lop sawmilling	9,498	3,366	1,391	2,415	1,009	2,644	670	n.p.	19	n.p.	n.p.	13,143
2532	Resawn and dressed timber	6,420	693	264	n.p.	n.p.	2,343	592	n.p.	18	n.p.	n.p.	7,974
2533	Veneers and manufactured boards of wood	11,759	677	260	1,204	487	20,048	4,763	1,061	150	1,565	20,044	
2534	Wooden doors	596	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	715
2535	Wooden structural fittings and joinery, n.e.c.	4,298	136	53	n.p.	n.p.	189	57	102	n.p.	14	4,547	
2536	Wooden containers	431	132	47	n.p.	n.p.	n.p.	n.p.	n.p.	32	n.p.	n.p.	538
2537	Hardwood woodchips	2,201	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	—	n.p.	n.p.	2,879
2538	Wood products, n.e.c.	1,360	75	29	n.p.	n.p.	n.p.	n.p.	40	48	n.p.	n.p.	1,628
253	Total wood and wood products	36,564	5,108	2,052	5,203	2,115	26,307	6,338	1,264	315	2,820	51,468	

Four footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83 -continued

ASIC code	Description	Electricity	Light oils(c)	Industrial diesel fuel	Furnace oil and other fuel oil	Mains gas	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000 tonne	\$'000 tonne	\$'000	\$'000	\$'000	\$'000
	Furniture and mattresses								
2541	Furniture (except sheet metal)	8,085	389	163	n.p.	n.p.	n.p.	n.p.	n.p.
2542	Mattresses (except rubber)	642	51	21	n.p.	n.p.	n.p.	n.p.	n.p.
254	<i>Total furniture and mattresses</i>	8,727	440	183	72	25	1,137	325	460
25	Total wood, wood products and furniture	45,291	5,548	2,236	5,275	2,141	27,444	6,663	1,724
	Paper, paper products, printing and publishing								
	Paper and paper products								
2631	Pulp, paper and paperboard	49,665	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2632	Paper bags (including textile bags)	727	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2633	Solid fibreboard containers	2,118	49	20	n.p.	n.p.	687	178	209
2634	Corrugated fibreboard containers	4,027	n.p.	n.p.	n.p.	n.p.	2,097	534	n.p.
2635	Paper products, n.e.c.	8,538	261	102	n.p.	n.p.	n.p.	1,491	75
263	<i>Total paper and paper products</i>	65,075	1,480	560	n.p.	n.p.	n.p.	22,659	434
	Printing and allied industries								
2641	Publishing	1,760	n.p.	n.p.	n.p.	n.p.	n.p.	24	n.p.
2642	Printing and publishing	9,128	388	153	n.p.	n.p.	67	23	210
2643	Paper stationery	3,267	63	25	100	41	n.p.	n.p.	290
2644	Printing and bookbinding	13,185	481	189	n.p.	n.p.	640	172	1,170
2645	Printing trade services, n.e.c.	1,849	n.p.	n.p.	—	—	n.p.	n.p.	43
264	<i>Total printing and allied industries</i>	29,190	973	384	306	129	1,007	272	1,336
26	Total paper, paper products, printing and publishing	91,266	2,453	944	n.p.	n.p.	n.p.	24,396	547
	Chemical, petroleum and coal products								
	Basic chemicals								
2751	Chemical fertilisers	n.p.	n.p.	n.p.	n.p.	n.p.	14,022	3,712	n.p.
2752	Industrial gases	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2753	Synthetic resins and rubber	20,886	101	39	n.p.	n.p.	n.p.	n.p.	6,587
2754	Organic industrial chemicals, n.e.c.	12,099	n.n.	n.p.	n.p.	n.p.	11,082	2,728	n.p.
2755	Inorganic industrial chemicals, n.e.c.	18,527	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	4,907
275	<i>Total basic chemicals</i>	79,072	3,564	1,176	4,569	1,497	59,582	13,710	33,622
	Other chemical products								
2761	Ammunition, explosives and fireworks	2,558	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2762	Paints	2,687	56	22	n.p.	n.p.	726	184	552

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity		Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains ga.	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000
	Other chemical products—continued												
2763	Pharmaceutical and veterinary products	6,490	322	122	376	151	2,498	616	1,207	n.p.	n.p.	n.p.	8,610
2764	Pesticides	919	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	295	n.p.	n.p.	n.p.	1,367
2765	Soap and other detergents	3,338	536	200	851	329	1,529	392	1,319	n.p.	n.p.	n.p.	6,239
2766	Cosmetic and toilet preparations	1,545	168	63	199	81	303	79	193	n.p.	n.p.	n.p.	1,988
2767	Inks	517	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	—	583
2768	Chemical products, n.e.c.	2,024	508	200	490	193	377	91	897	53	12	3,468	
276	Total other chemical products	20,077	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	160	n.p.	n.p.	31,356
277	Petroleum refining	34,688	n.p.	n.p.	—	—	n.p.	n.p.	27,815	—	n.p.	n.p.	68,915
278	Petroleum and coal products, n.e.c.	1,001	323	122	n.p.	n.p.	2,182	565	n.p.	3	n.p.	n.p.	2,968
27	Total chemical, petroleum and coal products	134,839	6,203	2,192	7,596	2,718	81,346	19,560	68,173	4,450	44,006	n.p.	275,939
	Non-metallic mineral products												
285	Glass and glass products	12,806	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	18,270	270	n.p.	n.p.	36,109
	Clay products and refractories												
2861	Clay bricks	18,033	3,015	952	242	98	38,349	8,958	24,627	481	3,809	n.p.	56,958
2862	Refractories	2,075	n.p.	n.p.	130	51	3,338	945	1,681	98	n.p.	n.p.	4,978
2863	Ceramic tiles and pipes	3,257	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	5,554	105	560	n.p.	9,625
2864	Ceramic goods, n.e.c.	1,223	122	37	n.p.	n.p.	n.p.	n.p.	1,507	185	n.p.	n.p.	3,145
286	Total clay products and refractories	24,588	3,511	1,128	n.p.	n.p.	42,685	10,146	33,370	869	n.p.	n.p.	74,707
	Cement and concrete products												
2871	Cement	25,987	n.p.	n.p.	n.p.	n.p.	4,441	1,063	13,732	n.p.	30,229	n.p.	73,140
2872	Ready mixed concrete	n.p.	2,089	851	839	331	n.p.	n.p.	n.p.	140	6	n.p.	4,105
2873	Concrete pipes and box culverts	n.p.	n.p.	n.p.	n.p.	n.p.	2,830	798	n.p.	n.p.	n.p.	n.p.	n.p.
2874	Concrete products, n.e.c.	4,950	1,578	617	950	385	4,549	1,199	n.p.	674	n.p.	n.p.	n.p.
287	Total cement and concrete products	34,477	6,742	2,529	6,244	2,467	n.p.	n.p.	15,145	847	n.p.	n.p.	89,704
	Other non-metallic mineral products												
2881	Plaster products and expanded minerals	n.p.	98	36	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	7,566
2882	Stone products	n.p.	51	22	n.p.	n.p.	n.p.	n.p.	n.p.	1	n.p.	n.p.	496
2883	Glass wool and mineral wool products	2,959	n.p.	n.p.	n.p.	n.p.	—	—	2,156	n.p.	n.p.	n.p.	5,767
2884	Non-metallic mineral products, n.e.c.	6,901	646	230	629	256	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	14,861
288	Total other non-metallic mineral products	12,832	n.p.	n.p.	1,113	435	13,001	3,031	7,753	546	n.p.	n.p.	28,690

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b). BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains gas	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000
	<i>Non-metallic mineral products—continued</i>											
28	Total non-metallic mineral products	84,704	11,060	3,950	10,622	4,101	85,411	20,056	74,538	2,532	39,328	229,209
	<i>Basic metal products</i>											
	<i>Basic iron and steel</i>											
2941	Iron and steel basic products	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	719	n.p.	327,919
2942	Iron casting	9,658	n.p.	n.p.	374	153	428	113	1,601	209	n.p.	15,509
2943	Steel casting	n.p.	227	85	136	60	606	165	1,290	n.p.	238	6,495
2944	Iron and steel forging	1,939	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	913	n.p.	n.p.	6,595
2945	Steel pipes and tube	5,106	n.p.	n.p.	n.p.	n.p.	768	207	n.p.	412	n.p.	7,875
294	<i>Total basic iron and steel</i>	<i>191,416</i>	<i>6,955</i>	<i>2,387</i>	<i>12,159</i>	<i>4,115</i>	<i>51,587</i>	<i>11,788</i>	<i>31,415</i>	<i>1,686</i>	<i>21,586</i>	<i>264,393</i>
	<i>Basic non-ferrous metals</i>											
2951	Copper smelting, refining	7,129	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2952	Silver, lead, zinc smelting, refining	20,722	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	266	28,395	54,934
2953	Alumina	n.p.	—	—	n.p.	n.p.	809,578	167,892	n.p.	—	53,783	291,762
2954	Aluminium smelting	84,274	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	94,673
2955	Nickel smelting, refining	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2956	Non-ferrous metals, n.e.c. smelting, refining	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
2957	Secondary recovery and alloying of non-ferrous metals, n.e.c.	2,067	n.p.	n.p.	222	97	1,680	460	n.p.	n.p.	121	4,286
295	<i>Total basic non-ferrous metals</i>	<i>161,334</i>	<i>25,893</i>	<i>9,098</i>	<i>47,308</i>	<i>17,303</i>	<i>993,093</i>	<i>213,516</i>	<i>46,248</i>	<i>729</i>	<i>104,884</i>	<i>553,112</i>
	<i>Non-ferrous metal basic products</i>											
2961	Aluminium rolling, drawing, extruding	9,893	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	4,329	n.p.	n.p.	15,044
2962	Non-ferrous metals, n.e.c. rolling, drawing, extruding	4,914	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	1,381	14	n.p.	6,408
2963	Non-ferrous metal casting	1,834	128	50	n.p.	n.p.	1,218	325	1,015	n.p.	n.p.	3,587
296	<i>Total non-ferrous metal basic products</i>	<i>16,641</i>	<i>225</i>	<i>90</i>	<i>979</i>	<i>317</i>	<i>3,502</i>	<i>947</i>	<i>6,725</i>	<i>282</i>	<i>37</i>	<i>25,039</i>
29	Total basic metal products	369,391	33,073	11,575	60,446	21,735	1,048,182	226,251	84,388	2,697	126,508	842,544
	<i>Fabricated metal products</i>											
	<i>Structural metal products</i>											
3141	Fabricated structural steel	7,795	958	383	512	216	535	139	304	373	369	9,579
3142	Architectural aluminium products	2,824	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	377	14	n.p.	3,408
3143	Architectural metal products, n.e.c.	922	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	30	15	n.p.	1,063
314	<i>Total structural metal products</i>	<i>11,541</i>	<i>1,327</i>	<i>528</i>	<i>636</i>	<i>263</i>	<i>565</i>	<i>147</i>	<i>712</i>	<i>402</i>	<i>457</i>	<i>14,050</i>

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity	Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains gas	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000
	Sheet metal products											
3151	Metal containers	7,006	n.p.	n.p.	940	353	n.p.	n.p.	3,126	238	n.p.	11,050
3152	Sheet metal furniture	1,285	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	405	n.p.	n.p.	1,821
3153	Sheet metal products, n.e.c.	7,141	467	178	n.p.	n.p.	669	200	1,106	n.p.	128	9,036
315	<i>Total sheet metal products</i>	<i>15,432</i>	<i>735</i>	<i>287</i>	<i>1,412</i>	<i>352</i>	<i>1,424</i>	<i>393</i>	<i>4,637</i>	<i>370</i>	<i>237</i>	<i>21,907</i>
	Other fabricated metal products											
3161	Cutlery and hand tools, n.e.c.	1,021	n.p.	n.p.	11	5	1,003	274	186	84	n.p.	1,650
3162	Springs and wire products	4,100	119	65	766	325	1,845	514	1,141	135	166	6,445
3163	Nuts, bolts, screws and rivets	2,439	173	69	n.p.	n.p.	699	181	758	48	n.p.	3,583
3164	Metal coating and finishing	8,763	672	271	2,699	1,200	1,970	528	7,959	190	100	14,012
3165	Non-ferrous steam, gas and water fittings	2,341	284	119	n.p.	n.p.	606	158	187	n.p.	n.p.	2,972
3166	Boiler and plate work	1,632	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	216	n.p.	51	2,445
3167	Metal blinds and awnings	374	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	468
3168	Fabricated metal products, n.e.c.	6,582	308	120	572	199	1,095	284	909	163	531	8,783
316	<i>Total other fabricated metal products</i>	<i>27,251</i>	<i>1,731</i>	<i>703</i>	<i>5,003</i>	<i>2,137</i>	<i>7,556</i>	<i>2,028</i>	<i>6,393</i>	<i>914</i>	<i>935</i>	<i>40,363</i>
31	Total fabricated metal products	54,224	3,792	1,518	7,851	2,953	9,545	2,567	11,744	1,685	1,630	76,320
	Transport equipment											
	Motor vehicles and parts											
3231	Motor vehicles	18,351	n.p.	n.p.	n.p.	n.p.	2,832	737	4,915	n.p.	n.p.	26,268
3232	Motor vehicle bodies, trailers, caravans	2,007	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	57	n.p.	n.p.	2,238
3233	Motor vehicle instruments and electrical equipment, n.e.c.	1,657	61	24	132	49	n.p.	n.p.	238	n.p.	n.p.	1,982
3234	Motor vehicle parts, n.e.c.	14,339	503	199	46	21	n.p.	n.p.	3,271	785	n.p.	19,911
323	<i>Total motor vehicles and parts</i>	<i>36,354</i>	<i>3,475</i>	<i>1,369</i>	<i>386</i>	<i>173</i>	<i>5,862</i>	<i>1,524</i>	<i>8,481</i>	<i>1,433</i>	<i>1,647</i>	<i>50,400</i>
	Other transport equipment											
3241	Ships	5,056	1,025	404	153	71	n.p.	n.p.	n.p.	n.p.	n.p.	5,917
3242	Boats	670	14	6	317	135	n.p.	n.p.	2	19	n.p.	860
3243	Railway rolling stock and locomotives	6,314	1,409	557	246	98	5,799	1,627	213	331	1,051	10,190
3244	Aircraft	5,145	n.p.	n.p.	89	41	n.p.	n.p.	970	n.p.	n.p.	6,916
3245	Transport equipment, n.e.c.	361	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	517
324	<i>Total other transport equipment</i>	<i>17,546</i>	<i>2,806</i>	<i>1,109</i>	<i>805</i>	<i>346</i>	<i>7,951</i>	<i>2,178</i>	<i>1,326</i>	<i>438</i>	<i>1,457</i>	<i>24,400</i>
32	Total transport equipment	53,900	6,281	2,478	1,191	518	13,813	3,702	9,807	1,891	2,503	74,800

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1962-63—continued

ASIC code	Description	Electricity		Light oils(c)		Industrial diesel fuel		Furnace oil and other fuel oil		Mains gas	Liquefied petroleum gas	All other fuels	Total
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	\$'000	
	<i>Other machinery and equipment</i>												
	Photographic, professional and scientific equipment												
3341	Photographic and optical goods	1,160	n.p.	n.p.	—	—	—	—	n.p.	—	n.p.	n.p.	1,852
3342	Photographic film processing	2,577	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	3	n.p.	n.p.	2,770
3343	Measuring, professional and scientific equipment, n.e.c.	1,279	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	93	n.p.	n.p.	n.p.	1,469
334	<i>Total photographic, professional and scientific equipment</i>	<i>5,016</i>	<i>84</i>	<i>33</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>865</i>	<i>n.p.</i>	<i>n.p.</i>	<i>36</i>	<i>6,092</i>
	<i>Appliances and electrical equipment</i>												
3351	Radio and T.V. receivers, audio equipment	1,352	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	299	n.p.	n.p.	n.p.	1,788
3352	Electronic equipment, n.e.c.	5,003	63	25	16	5	n.p.	n.p.	397	31	n.p.	n.p.	5,719
3353	Refrigerators and household appliances	7,758	678	269	4	2	654	176	1,657	193	332	n.p.	10,387
3354	Water heating systems	1,203	58	23	—	—	n.p.	n.p.	399	74	n.p.	n.p.	1,870
3355	Electric and telephone cable and wire	6,299	n.p.	n.p.	n.p.	n.p.	—	—	934	138	n.p.	n.p.	7,602
3356	Batteries	3,010	n.p.	n.p.	n.p.	n.p.	—	—	489	n.p.	n.p.	n.p.	3,700
3357	Electrical machinery and equipment, n.e.c.	9,740	1,150	441	234	104	2,086	578	1,367	369	106	n.p.	12,704
335	<i>Total appliances and electrical equipment</i>	<i>34,365</i>	<i>2,104</i>	<i>816</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>5,542</i>	<i>n.p.</i>	<i>n.p.</i>	<i>n.p.</i>	<i>43,769</i>
	<i>Industrial machinery and equipment</i>												
3361	Agricultural machinery	4,614	2,039	677	331	142	1,809	500	999	167	511	n.p.	7,609
3362	Construction machinery	1,104	180	72	39	16	89	23	166	48	22	n.p.	1,449
3363	Materials handling equipment	2,458	331	121	n.p.	n.p.	254	71	74	140	n.p.	n.p.	3,032
3364	Wood and metal working machinery	1,228	106	41	52	21	n.p.	n.p.	96	17	n.p.	n.p.	1,423
3365	Pumps and compressors	2,257	63	26	385	110	284	76	283	91	155	n.p.	2,998
3366	Commercial space heating and cooling equipment	728	n.p.	n.p.	—	—	n.p.	n.p.	57	90	n.p.	n.p.	930
3367	Dies, saw blades and machine tool accessories	2,333	119	48	n.p.	n.p.	639	167	232	n.p.	26	n.p.	2,847
3368	Food processing machinery	870	n.p.	n.p.	21	9	n.p.	n.p.	80	n.p.	100	n.p.	1,229
3369	Industrial machinery and equipment, n.e.c.	11,006	831	333	232	96	2,939	756	943	363	336	n.p.	13,833
336	<i>Total industrial machinery and equipment</i>	<i>26,598</i>	<i>3,722</i>	<i>1,343</i>	<i>1,487</i>	<i>572</i>	<i>6,468</i>	<i>1,717</i>	<i>2,930</i>	<i>970</i>	<i>1,219</i>	<i>n.p.</i>	<i>35,350</i>
33	Total other machinery and equipment	65,979	5,010	2,192	2,854	793	10,766	2,874	9,337	1,658	2,198	n.p.	85,211

For footnotes see end of table

TABLE 10. MANUFACTURING ESTABLISHMENTS (a) : USAGE OF ELECTRICITY AND FUELS (b), BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued

ASIC code	Description	Electricity	Light oil(c)	Industrial diesel fuel	Furnace oil and other fuel oil	Mains gas	Liquefied petroleum gas	All other fuels	Total			
		\$'000	'000 litre	\$'000	tonne	\$'000	tonne	\$'000	\$'000	\$'000	\$'000	
<i>Miscellaneous manufacturing</i>												
<i>Leather and leather products</i>												
3451	Leather tanning and fur dressing	1,926	1,059	414	388	163	n.p.	n.p.	n.p.	n.p.	n.p.	3,517
3452	Leather and leather substitute goods, n.e.c.	503	61	22	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	668
345	<i>Total leather and leather products</i>	<i>2,430</i>	<i>1,120</i>	<i>436</i>	<i>388</i>	<i>163</i>	<i>1,269</i>	<i>345</i>	<i>685</i>	<i>n.p.</i>	<i>n.p.</i>	<i>4,185</i>
<i>Rubber products</i>												
3461	Rubber tyres, tubes, belts, hose and sheets	9,250	269	106	412	157	6,042	1,469	1,909	n.p.	n.p.	13,363
3462	Rubber products, n.e.c.	3,560	511	196	354	142	974	277	1,028	n.p.	n.p.	5,315
346	<i>Total rubber products</i>	<i>12,809</i>	<i>781</i>	<i>302</i>	<i>766</i>	<i>299</i>	<i>7,016</i>	<i>1,746</i>	<i>2,937</i>	<i>33</i>	<i>551</i>	<i>18,678</i>
<i>Plastic and related products</i>												
3471	Flexible packaging and abrasive papers	8,330	n.p.	n.p.	115	53	n.p.	n.p.	n.p.	n.p.	n.p.	9,414
3472	Rigid plastic sheeting	650	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
3473	Hard surface floor coverings, n.e.c.	468	—	—	—	—	—	n.p.	n.p.	n.p.	n.p.	n.p.
3474	Plastic products, n.e.c.	29,636	964	368	1,306	523	1,376	413	1,137	n.p.	n.p.	32,531
347	<i>Total plastic and related products</i>	<i>39,084</i>	<i>1,118</i>	<i>426</i>	<i>1,421</i>	<i>576</i>	<i>2,056</i>	<i>589</i>	<i>2,221</i>	<i>359</i>	<i>241</i>	<i>43,497</i>
<i>Other manufacturing</i>												
3481	Ophthalmic articles	337	n.p.	n.p.	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	359
3482	Jewellery and silverware	588	5	2	n.p.	n.p.	n.p.	n.p.	49	7	9	666
3483	Brooms and brushes	681	15	6	—	—	n.p.	n.p.	37	n.p.	n.p.	729
3484	Signs and advertising displays	989	33	13	n.p.	n.p.	n.p.	n.p.	57	1	n.p.	1,081
3485	Sporting equipment	592	10	4	—	—	n.p.	n.p.	n.p.	n.p.	n.p.	780
3486	Writing and marking equipment	342	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	28	n.p.	n.p.	442
3487	Manufacturing, n.e.c.	965	55	20	n.p.	n.p.	n.p.	n.p.	48	n.p.	n.p.	5,936
348	<i>Total other manufacturing</i>	<i>4,495</i>	<i>195</i>	<i>74</i>	<i>177</i>	<i>68</i>	<i>644</i>	<i>179</i>	<i>243</i>	<i>n.p.</i>	<i>n.p.</i>	<i>9,993</i>
34	<i>Total miscellaneous manufacturing</i>	<i>58,818</i>	<i>3,215</i>	<i>1,239</i>	<i>2,752</i>	<i>1,107</i>	<i>10,985</i>	<i>2,859</i>	<i>6,086</i>	<i>n.p.</i>	<i>n.p.</i>	<i>76,352</i>
21-34	<i>Total manufacturing</i>	<i>1,188,070</i>	<i>103,669</i>	<i>38,140</i>	<i>149,551</i>	<i>56,645</i>	<i>1,584,308</i>	<i>351,403</i>	<i>343,912</i>	<i>21,545</i>	<i>267,668</i>	<i>2,267,385</i>

(a) Excludes single establishment manufacturing enterprises with fewer than four persons employed (see paragraph 7 of Explanatory notes). (b) Excludes usage of electricity and fuels produced and used in the same establishment. (c) Light oils for heating and burning (kerosene, heating oil, motor spirit, automotive distillate etc.). Excludes fuels used in motor vehicles.

TABLE 11. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS, AUSTRALIA, 1982-83

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employer(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
		No.	\$' 000	\$' 000	\$' 000		
<i>Food, beverages and tobacco</i>							
	Meat products						
2115	Meat (excl. smallgoods or poultry)	79	96.7	27.1	16.7	0.28	0.61
2116	Poultry	62	96.2	23.7	13.4	0.25	0.56
2117	Bacon, ham and smallgoods n.e.c.	59	97.0	25.5	14.7	0.26	0.57
211	<i>Total meat products</i>	72	96.7	26.4	15.9	0.27	0.60
	Milk products						
2121	Liquid milk and cream	61	178.2	33.9	16.9	0.19	0.50
2122	Butter	63	231.7	26.2	17.5	0.11	0.67
2123	Cheese	61	166.0	40.6	16.9	0.24	0.42
2124	Ice cream and frozen confections	75	95.9	41.6	16.9	0.43	0.40
2125	Milk products n.e.c.	110	132.7	30.8	19.7	0.23	0.64
212	<i>Total milk products</i>	65	163.4	35.4	17.3	0.22	0.49
	Fruit and vegetable products						
2131	Fruit products	48	113.6	32.1	16.1	0.28	0.50
2132	Vegetable products	97	84.7	34.5	17.2	0.41	0.50
213	<i>Total fruit and vegetable products</i>	68	55.9	33.5	16.8	0.35	0.50
214	<i>Margarine and oils and fats n.e.c.</i>	76	211.9	69.7	20.0	0.30	0.29
	Flour mill and cereal food products						
2151	Flour mill products	45	205.7	55.5	17.2	0.27	0.31
2152	Starch, gluten and starch sugars	67	156.3	17.7	20.2	0.24	0.54
2153	Cereal foods and baking mixes	66	115.7	43.8	16.7	0.38	0.38
215	<i>Total flour mill and cereal food products</i>	58	146.0	46.6	17.2	0.32	0.37
	Bread, cakes and biscuits						
2161	Bread	19	46.7	20.7	13.7	0.44	0.63
2162	Cakes and pastries	28	47.2	22.9	12.9	0.48	0.54
2163	Biscuits	160	53.8	28.0	15.8	0.52	0.56
216	<i>Total bread, cakes and biscuits</i>	27	48.2	22.7	13.9	0.47	0.59
	Other food products						
2171	Raw sugar			N.P.—Included with group 217			
2173	Confectionery and cocoa products	75	72.8	32.1	16.2	0.44	0.30
2174	Processed seafoods	37	129.8	25.1	10.6	0.19	0.43
2175	Prepared animal and bird foods	27	238.4	52.1	17.7	0.22	0.34
2176	Food products n.e.c.			N.P.—Included with group 217			
217	<i>Total other food products</i>	55	118.5	37.0	17.3	0.31	0.47
	Beverages and malt						
2185	Soft drinks, cordials and syrups	35	134.7	48.3	16.0	0.36	0.33
2186	Beer	42	119.9	57.7	21.8	0.48	0.38
2187	Malt			N.P.—Included with group 218			
2188	Wine and brandy	27	104.0	43.6	13.9	0.42	0.31
2189	Alcoholic beverages n.e.c.			N.P.—Included with group 218			
218	<i>Total beverages and malt</i>	51	125.4	52.0	18.2	0.41	0.35
219	<i>Tobacco products</i>	875	94.0	45.4	20.3	0.48	0.45
21	Total food, beverages and tobacco	51	106.0	34.0	16.5	0.32	0.48

For footnotes see end of table

**TABLE II. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued**

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
		No.	\$'000	\$'000	\$'000		
<i>Textiles</i>							
<i>Textile fibres, yarns and woven fabrics</i>							
2341	Cotton ginning	21	310.1	79.9	24.9	0.26	0.31
2342	Wool scouring and top making	63	134.3	27.2	15.8	0.20	0.58
2343	Man-made fibres and yarns	222	35.2	11.8	22.7	0.33	1.93
2344	Man-made fibre broadwoven fabrics	121	58.1	26.0	15.2	0.45	0.58
2345	Cotton yarns and broadwoven fabrics	140	52.7	25.0	15.6	0.47	0.62
2346	Worsted yarns and broadwoven fabrics	169	47.0	20.4	13.7	0.43	0.67
2347	Woolen yarns and broadwoven fabrics	110	56.6	19.9	12.8	0.35	0.65
2348	Narrow woven and elastic textiles	44	52.9	25.3	14.2	0.48	0.56
2349	Textile finishing	32	59.4	30.8	16.3	0.52	0.52
234	<i>Total textile fibres, yarns and woven fabrics</i>	88	61.2	23.6	16.2	0.39	0.69
<i>Other textile products</i>							
2351	Household textiles	25	60.1	16.3	12.3	0.27	0.75
2352	Textile floor coverings	89	100.3	27.8	15.3	0.28	0.55
2353	Felt and felt products	64	72.1	36.7	16.1	0.51	0.44
2354	Canvas and associated products n.e.c.	14	52.4	21.8	12.8	0.42	0.57
2355	Rope, cordage and twine	40	60.1	27.9	16.4	0.46	0.59
2356	Textile products n.e.c.	37	79.6	35.8	18.1	0.45	0.50
235	<i>Total other textile products</i>	29	74.8	26.8	14.9	0.36	0.55
23	Total textiles	52	65.8	24.7	15.8	0.38	0.64
<i>Clothing and footwear</i>							
<i>Knitting mills</i>							
2441	Hosiery	80	51.2	25.1	14.5	0.49	0.57
2442	Cardigans and pullovers	35	37.7	18.6	12.0	0.49	0.64
2443	Knitted goods n.e.c.	48	69.2	24.7	13.5	0.36	0.54
244	<i>Total knitting mills</i>	45	52.1	22.2	13.1	0.43	0.59
<i>Clothing</i>							
2451	Mens trousers and shorts; work clothing	64	43.0	19.5	12.2	0.45	0.62
2452	Mens suits and coats; waterproof clothing	45	30.3	16.0	12.7	0.53	0.79
2453	Womens outerwear n.e.c.	21	41.2	18.0	11.6	0.44	0.63
2454	Foundation garments	113	40.5	22.5	12.7	0.56	0.56
2455	Underwear and infants clothing n.e.c.	52	39.2	19.6	12.1	0.50	0.61
2456	Headwear and clothing n.e.c.	17	36.8	17.8	11.6	0.48	0.63
245	<i>Total clothing</i>	31	39.5	18.6	12.0	0.47	0.63
246	<i>Footwear</i>	54	39.7	19.4	12.5	0.49	0.64
24	Total clothing and footwear	36	41.7	19.4	12.3	0.46	0.62

For footnotes see end of table

**TABLE II. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued**

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
		No.	\$'000	\$'000	\$'000		
<i>Wood, wood products and furniture</i>							
	Wood and wood products						
2531	Log sawmilling	17	48.2	25.7	13.1	0.53	0.49
2532	Resawn and dressed timber	42	65.8	24.7	14.3	0.38	0.57
2533	Veneers and manufactured boards of wood	64	83.1	30.3	16.7	0.36	0.55
2534	Wooden doors	28	69.3	22.6	14.8	0.33	0.65
2535	Wooden structural fittings and joinery n.e.c.	13	54.0	21.3	14.2	0.39	0.63
2536	Wooden containers	14	60.9	32.1	14.1	0.53	0.42
2537	Hardwood woodchips	58	219.5	76.4	20.4	0.35	0.37
2538	Wood products n.e.c.	10	45.2	20.7	12.5	0.46	0.57
253	<i>Total wood and wood products</i>	17	60.3	25.1	14.2	0.42	0.55
	Furniture and mattresses						
2541	Furniture (excl. sheet metal)	17	46.1	19.7	13.0	0.43	0.64
2542	Mattresses (excl. rubber)	33	79.8	34.5	15.0	0.43	0.43
254	<i>Total furniture and mattresses</i>	18	49.1	20.9	13.2	0.43	0.61
25	<i>Total wood, wood products and furniture</i>	18	56.1	23.6	13.8	0.42	0.57
<i>Paper, paper products, printing and publishing</i>							
	Paper and paper products						
2631	Pulp, paper and paperboard	395	112.7	40.4	23.3	0.36	0.58
2632	Paper bags (incl. textile bags)	40	87.2	28.3	15.9	0.32	0.56
2633	Solid fibreboard containers	49	92.9	35.1	16.6	0.38	0.47
2634	Corrugated fibreboard containers	124	101.6	33.6	17.6	0.33	0.52
2635	Paper products n.e.c.	51	86.5	36.2	16.8	0.42	0.46
263	<i>Total paper and paper products</i>	90	100.5	36.3	19.2	0.36	0.53
	Printing and allied industries						
2641	Publishing	24	74.1	39.9	16.0	0.54	0.40
2642	Printing and publishing	109	50.6	30.0	17.6	0.59	0.58
2643	Paper stationery	49	61.4	27.6	15.7	0.45	0.57
2644	Printing and bookbinding	18	49.9	25.2	15.9	0.50	0.61
2645	Printing trade services n.e.c.	17	40.7	26.2	17.2	0.64	0.65
264	<i>Total printing and allied industries</i>	29	53.5	28.8	16.3	0.54	0.57
26	<i>Total paper, paper products, printing and publishing</i>	35	64.4	30.5	17.2	0.47	0.56
<i>Chemical, petroleum and coal products</i>							
	Basic chemicals						
2751	Chemical fertilisers	106	183.9	57.4	19.4	0.20	0.52
2752	Industrial gases						
2753	Synthetic resins and rubber	87	185.3	54.1	23.0	0.29	0.42
2754	Organic industrial chemicals n.e.c.						
2755	Inorganic industrial chemicals n.e.c.	56	136.5	47.0	21.0	0.34	0.44
275	<i>Total basic chemicals</i>	73	176.1	52.7	21.4	0.30	0.41

For footnotes see end of table

**TABLE II. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued**

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
	Other chemical products						
2761	Ammunition, explosives and fireworks	177	52.8	32.5	17.6	0.62	0.54
2762	Paints	48	97.1	36.5	18.4	0.38	0.50
2763	Pharmaceutical and veterinary products	78	89.5	47.0	18.0	0.53	0.38
2764	Pesticides	42	212.6	73.7	16.8	0.34	0.23
2765	Soap and other detergents	40	111.0	47.2	16.9	0.42	0.36
2766	Cosmetics and toilet preparations	77	83.3	47.8	16.8	0.57	0.35
2767	Inks	32	127.6	36.3	17.7	0.28	0.49
2768	Chemical products n.e.c.	23	109.5	40.4	17.1	0.37	0.42
276	<i>Total other chemical products</i>	54	96.3	43.9	17.6	0.46	0.40
277	<i>Petroleum refining</i>	384	302.4	66.0	27.5	0.22	0.42
278	<i>Petroleum and coal products n.e.c.</i>	22	190.7	55.5	20.6	0.29	0.37
27	Total chemical, petroleum and coal products	63	139.3	48.6	19.6	0.35	0.40
	Non-metallic mineral products						
285	<i>Glass and glass products</i>	158	77.7	43.5	21.4	0.56	0.49
	Clay products and refractories						
2861	Clay bricks	56	64.4	39.0	17.3	0.61	0.44
2862	Refractories	64	72.0	29.1	20.2	0.40	0.69
2863	Ceramic tiles and pipes	63	53.2	31.3	17.4	0.59	0.55
2864	Ceramic goods n.e.c.	37	37.6	23.2	14.7	0.62	0.63
286	<i>Total clay products and refractories</i>	52	58.1	33.6	17.1	0.58	0.51
	Cement and concrete products						
2871	Cement	191	139.5	55.0	20.7	0.39	0.38
2872	Ready mixed concrete	4	231.1	35.5	18.6	0.15	0.51
2873	Concrete pipes and box culverts	21	70.4	32.2	18.3	0.46	0.56
2874	Concrete products n.e.c.						
287	<i>Total cement and concrete products</i>	13	121.2	38.3	18.9	0.32	0.49
	Other non-metallic mineral products						
2881	Plaster products and expanded minerals	38	97.6	42.6	20.2	0.44	0.47
2882	Stone products	9	50.8	25.8	15.2	0.51	0.54
2883	Glass wool and mineral wool products	83	75.6	47.1	17.8	0.62	0.38
2884	Non-metallic mineral products n.e.c.	36	87.5	39.9	19.1	0.46	0.48
288	<i>Total other non-metallic mineral products</i>	30	83.8	40.4	18.7	0.48	0.46
28	Total non-metallic mineral products	24	90.6	38.2	18.8	0.42	0.49
	Basic metal products						
	Basic iron and steel						
2941	Iron and steel basic products	332	92.0	18.7	20.3	0.20	1.09
2942	Iron casting	52	49.1	25.9	16.9	0.53	0.65
2943	Steel casting	85	49.1	27.0	17.3	0.55	0.64
2944	Iron and steel forging	58	67.1	26.2	18.6	0.39	0.71
2945	Steel pipes and tubes	98	86.5	31.1	19.9	0.36	0.64
294	<i>Total basic iron and steel</i>	170	84.9	21.1	19.8	0.25	0.94

For footnotes see end of table

**TABLE II. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1962-63—continued**

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
		No.	\$' 000	\$' 000	\$' 000		
	Basic non-ferrous metals						
2951	Copper smelting, refining		N.P.—Included with group 295				
2952	Silver, lead, zinc smelting, refining	736	169.9	41.1	19.9	0.24	0.48
2953	Alumina	1,298	224.3	82.1	26.4	0.37	0.32
2954	Aluminium smelting	692	132.8	53.1	22.1	0.40	0.42
2955	Nickel smelting, refining		N.P.—Included with group 295				
2956	Non-ferrous metals n.e.c. smelting, refining	42	326.5	30.7	17.6	0.09	0.57
2957	Secondary recovery and alloying of non-ferrous metals n.e.c.	29	221.4	36.0	16.9	0.16	0.47
295	<i>Total basic non-ferrous metals</i>	274	193.7	55.8	22.3	0.29	0.40
	Non-ferrous metal basic products						
2961	Aluminium rolling, drawing, extruding	162	156.4	38.4	20.8	0.25	0.54
2962	Non-ferrous metals n.e.c. rolling, drawing, extruding	116	144.4	33.4	19.0	0.23	0.57
2963	Non-ferrous metal casting	18	53.4	26.4	16.2	0.50	0.60
296	<i>Total non-ferrous metal basic products</i>	37	130.4	34.3	19.3	0.26	0.56
29	Total basic metal products	151	113.6	30.1	20.3	0.27	0.67
	Fabricated metal products						
	Structural metal products						
3141	Fabricated structural steel	22	78.0	28.3	17.0	0.36	0.59
3142	Architectural aluminium products	20	64.9	22.0	14.9	0.34	0.67
3143	Architectural metal products n.e.c.	14	58.7	24.6	14.3	0.42	0.56
314	<i>Total structural metal products</i>	20	72.5	26.2	16.2	0.36	0.61
	Sheet metal products						
3151	Metal containers	88	98.8	34.0	17.8	0.34	0.52
3152	Sheet metal furniture	45	55.3	20.8	15.2	0.38	0.73
3153	Sheet metal products n.e.c.	21	56.1	24.5	14.6	0.44	0.59
315	<i>Total sheet metal products</i>	26	67.4	26.7	15.5	0.40	0.58
	Other fabricated metal products						
3161	Cutlery and hand tools n.e.c.	31	44.6	21.3	13.9	0.48	0.65
3162	Springs and wire products	29	71.0	28.4	15.6	0.40	0.55
3163	Nuts, bolts, screws and rivets	34	54.7	26.5	15.3	0.48	0.56
3164	Metal coating and finishing	15	48.5	26.4	15.5	0.55	0.57
3165	Non-ferrous steam, gas and water fittings	56	55.7	27.1	15.5	0.49	0.57
3166	Boiler and plate work	35	60.9	25.9	18.8	0.42	0.72
3167	Metal blinds and awnings	23	68.3	25.4	14.4	0.37	0.56
3168	Fabricated metal products n.e.c.	23	44.6	23.8	15.6	0.53	0.64
316	<i>Total other fabricated metal products</i>	25	53.2	25.5	15.7	0.48	0.61
31	Total fabricated metal products	24	63.1	26.0	15.8	0.41	0.60
	Transport equipment						
	Motor vehicles and parts						
3231	Motor vehicles	752	119.7	35.6	19.6	0.30	0.55
3232	Motor vehicle bodies, trailers, caravans	21	60.7	24.1	15.2	0.40	0.62
3233	Motor vehicle instruments and electrical equipment n.e.c.	159	48.5	21.6	13.6	0.44	0.63
3234	Motor vehicle parts n.e.c.	55	49.1	23.2	16.6	0.47	0.71
323	<i>Total motor vehicles and parts</i>	82	83.4	29.0	17.7	0.35	0.61

For footnotes see end of table

**TABLE II. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1982-83—continued**

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
	Other transport equipment						
3241	Ships	151	36.7	22.7	16.7	0.62	0.73
3242	Boats	11	52.8	20.0	13.8	0.38	0.66
3243	Railway rolling stock and locomotives	441	41.2	23.6	17.3	0.57	0.73
3244	Aircraft	319	44.3	29.6	21.1	0.67	0.71
3245	Transport equipment n.e.c.	27	59.0	18.6	15.6	0.32	0.82
324	<i>Total other transport equipment</i>	<i>115</i>	<i>41.8</i>	<i>24.5</i>	<i>17.9</i>	<i>0.59</i>	<i>0.73</i>
32	Total transport equipment	93	66.4	27.2	17.8	0.41	0.65
	<i>Other machinery and equipment</i>						
	Photographic, professional and scientific equipment						
3341	Photographic and optical goods	90	108.1	59.6	18.8	0.55	0.32
3342	Photographic film processing	17	66.2	31.4	14.1	0.47	0.44
3343	Measuring, professional and scientific equipment n.e.c.	28	47.2	27.4	15.9	0.58	0.58
334	<i>Total photographic, professional and scientific equipment</i>	<i>25</i>	<i>67.1</i>	<i>35.2</i>	<i>15.7</i>	<i>0.53</i>	<i>0.44</i>
	Appliances and electrical equipment						
3351	Radio and TV receivers, audio equipment	65	83.1	34.7	17.6	0.42	0.51
3352	Electronic equipment n.e.c.	68	56.6	29.0	17.2	0.51	0.59
3353	Refrigerators and household appliances	85	67.5	25.0	15.7	0.37	0.63
3354	Water heating systems	56	69.0	24.4	16.9	0.35	0.69
3355	Electric and telephone cable wire	155	110.8	37.8	17.8	0.34	0.47
3356	Batteries	77	58.4	19.6	17.3	0.34	0.88
3357	Electrical machinery and equipment n.e.c.	45	55.9	26.9	16.0	0.48	0.59
335	<i>Total appliances and electrical equipment</i>	<i>61</i>	<i>64.0</i>	<i>27.7</i>	<i>16.5</i>	<i>0.43</i>	<i>0.59</i>
	Industrial machinery and equipment						
3361	Agricultural machinery	38	51.1	20.6	16.9	0.40	0.81
3362	Construction machinery	26	62.8	18.8	17.2	0.30	0.90
3363	Materials handling equipment	32	68.1	27.5	17.1	0.40	0.62
3364	Wood and metal working machinery	29	52.9	26.7	16.9	0.51	0.63
3365	Pumps and compressors	53	60.5	26.0	16.4	0.43	0.63
3366	Commercial space heating and cooling equipment	41	69.7	28.1	16.8	0.40	0.60
3367	Dies, saw blades and machine tool accessories	13	44.1	24.6	16.4	0.56	0.65
3368	Food processing machinery	33	53.7	26.3	16.6	0.49	0.63
3369	Industrial machinery and equipment n.e.c.	25	58.0	26.2	17.0	0.45	0.64
336	<i>Total industrial machinery and equipment</i>	<i>27</i>	<i>57.3</i>	<i>25.3</i>	<i>16.9</i>	<i>0.44</i>	<i>0.66</i>
33	Total other machinery and equipment	37	61.3	27.1	16.6	0.44	0.61
	<i>Miscellaneous manufacturing</i>						
	Leather and leather products						
3451	Leather tanning and fur dressing	26	95.2	28.5	16.0	0.30	0.56
3452	Leather and leather substitute goods n.e.c.	15	50.0	21.0	12.9	0.42	0.60
345	<i>Total leather and leather products</i>	<i>20</i>	<i>76.3</i>	<i>25.4</i>	<i>14.7</i>	<i>0.33</i>	<i>0.57</i>

For footnotes see end of table

TABLE 11. MANUFACTURING ESTABLISHMENTS(a)—SELECTED OPERATING RATIOS BY INDUSTRY CLASS,
AUSTRALIA, 1962-63—continued

ASIC code	Description	Persons employed per establishment(b)	Value per person employed(c)		Wages and salaries per employee(d)	Ratio of—	
			Turnover	Value added		Value added to turnover	Wages and salaries to value added
		No.	\$'000	\$'000	\$'000		
	Rubber products						
3461	Rubber tyres, tubes, belts, hose and sheets	58	81.0	29.0	17.9	0.36	0.62
3462	Rubber products n.e.c.	41	50.2	26.3	15.2	0.52	0.58
346	Total rubber products	50	69.5	28.0	16.9	0.40	0.60
	Plastic and related products						
3471	Flexible packaging and abrasive papers	54	89.7	29.7	18.5	0.33	0.62
3472	Rigid plastic sheeting	86	82.9	34.3	16.2	0.41	0.47
3473	Hard surface floor coverings n.e.c.						
3474	Plastic products n.e.c.	29	66.8	27.0	15.1	0.40	0.56
347	Total plastic and related products	34	72.7	27.8	16.0	0.38	0.57
	Other manufacturing						
3481	Ophthalmic articles	23	44.8	26.6	14.5	0.59	0.54
3482	Jewellery and silverware	11	50.7	24.0	12.4	0.47	0.49
3483	Brooms and brushes	45	48.1	21.6	12.9	0.45	0.59
3484	Signs and advertising displays	13	42.2	23.9	14.6	0.57	0.58
3485	Sporting equipment	12	53.0	23.9	13.1	0.45	0.52
3486	Writing and marking equipment	27	58.4	27.1	14.1	0.46	0.52
3487	Manufacturing n.e.c.	11	63.3	26.2	13.7	0.41	0.50
348	Total other manufacturing	14	49.4	24.3	13.7	0.49	0.54
34	Total miscellaneous manufacturing	27	67.5	27.0	15.6	0.40	0.57
21-34	Total manufacturing	38	78.2	29.5	16.7	0.38	0.56

(a) Excludes single establishment manufacturing enterprises with fewer than four persons employed (see paragraph 7 of Explanatory notes). (b) Average number of persons employed over whole year (including working proprietors) divided by the number of establishments in operation at 30 June 1963. (c) Includes working proprietors. (d) Excludes working proprietors and their drawings.

TABLE 12. MANUFACTURING ESTABLISHMENTS(a): SUMMARY OF OPERATIONS, BY INDUSTRY SUBDIVISION, STATES AND AUSTRALIA, 1982-83

ASIC code	Industry subdivision Description	Estab- lishments at 30 June(b)	Average employment over whole year(c)			Wages and salaries(d)	Turnover	Stocks		Purchases, transfers in and selected expenses	Value added	Fixed capital expend- iture less disposals
			Males	Females	Persons			Opening	Closing			
			No.	No.	No.			\$ m	\$ m			
NEW SOUTH WALES												
21	Food, beverages and tobacco	1,014	38,631	16,277	54,908	956.0	5,572.5	604.8	643.1	3,705.1	1,905.6	266.6
23	Textiles	198	5,252	3,893	9,145	151.9	683.4	126.7	119.9	413.8	262.8	21.7
24	Clothing and footwear	769	4,347	15,419	19,766	237.2	905.0	139.4	125.9	519.1	372.4	5.9
25	Wood, wood products and furniture	1,428	20,005	3,892	23,897	327.6	1,384.6	199.1	193.0	792.9	585.6	53.1
26	Paper, paper products, printing and publishing	1,248	24,164	11,430	35,594	631.2	2,439.1	287.2	264.9	1,253.0	1,163.7	62.5
27	Chemical, petroleum and coal products	426	19,450	8,868	28,318	554.9	3,427.1	630.1	655.7	2,050.0	1,402.7	120.2
28	Non-metallic mineral products	569	12,926	1,748	14,674	289.8	1,350.9	204.9	215.1	837.9	523.3	69.4
29	Basic metal products	205	41,691	3,277	44,968	916.2	3,966.0	975.1	872.0	2,915.8	947.1	478.8
31	Fabricated metal products	1,727	30,906	7,046	37,952	610.9	2,398.8	399.5	363.5	1,356.7	1,006.1	68.2
32	Transport equipment	422	28,930	2,783	31,713	576.4	1,685.8	324.5	323.9	820.7	864.4	30.3
33	Other machinery and equipment	1,603	45,129	16,439	61,568	1,031.9	3,755.5	856.0	792.1	2,000.1	1,691.6	95.3
34	Miscellaneous manufacturing	862	14,514	7,591	22,105	354.5	1,455.1	231.1	238.4	855.2	607.2	53.4
	<i>Total manufacturing 1982-83</i>	<i>10,471</i>	<i>285,945</i>	<i>98,663</i>	<i>351,608</i>	<i>6,638.4</i>	<i>29,023.8</i>	<i>4,978.4</i>	<i>4,807.2</i>	<i>17,520.3</i>	<i>11,332.4</i>	<i>1,325.3</i>
	1981-82	10,625	319,468	112,456	431,924	6,624.4	29,545.2	4,853.6	5,050.9	17,896.0	11,846.4	1,313.9
	1980-81	10,334	323,242	112,997	436,239	5,885.2	26,908.9	4,235.0	4,855.5	16,647.2	10,882.2	991.2
VICTORIA												
21	Food, beverages and tobacco	966	36,831	14,619	51,450	863.1	5,958.6	646.0	722.0	4,144.8	1,889.7	135.1
23	Textiles	307	10,588	6,770	17,358	277.1	1,086.6	203.6	195.4	658.1	420.3	27.6
24	Clothing and footwear	943	10,287	30,953	41,240	509.2	1,716.6	289.4	287.5	893.5	821.1	21.1
25	Wood, wood products and furniture	1,074	15,178	2,814	17,992	240.7	1,013.6	140.0	140.4	571.2	442.7	14.7
26	Paper, paper products, printing and publishing	881	24,191	9,568	33,759	573.3	2,262.4	291.0	290.5	1,213.2	1,048.8	81.6
27	Chemical, petroleum and coal products	289	15,629	4,694	20,323	396.9	2,450.8	403.5	424.6	1,518.5	953.4	110.5
28	Non-metallic mineral products	392	9,684	1,497	11,181	208.8	884.0	120.7	132.2	470.5	425.0	23.3
29	Basic metal products	191	11,902	1,417	13,379	267.4	1,720.7	293.1	275.4	1,257.5	445.4	199.4
31	Fabricated metal products	1,086	26,277	5,955	32,232	508.6	1,952.6	361.8	320.3	1,075.9	833.1	40.9
32	Transport equipment	374	45,737	8,646	54,383	968.2	4,014.1	674.4	664.8	2,601.3	1,403.2	211.9
33	Other machinery and equipment	1,159	34,958	10,948	45,906	768.1	2,986.6	780.7	736.7	1,618.5	1,324.0	72.5
34	Miscellaneous manufacturing	730	16,608	7,207	23,815	368.3	1,700.9	273.8	252.9	1,037.1	642.8	59.7
	<i>Total manufacturing 1982-83</i>	<i>8,392</i>	<i>257,870</i>	<i>105,148</i>	<i>363,018</i>	<i>5,949.8</i>	<i>27,747.4</i>	<i>4,480.2</i>	<i>4,442.4</i>	<i>17,060.1</i>	<i>10,649.5</i>	<i>998.3</i>
	1981-82	8,916	278,908	113,829	392,737	5,756.8	27,208.2	4,200.3	4,581.3	16,904.0	10,687.1	1,045.6
	1980-81	8,726	277,744	113,745	391,489	5,032.0	23,855.7	3,808.5	4,207.4	14,742.5	9,512.1	712.1

For footnotes see end of table

TABLE 12. MANUFACTURING ESTABLISHMENTS(a) SUMMARY OF OPERATIONS, BY INDUSTRY SUBDIVISION, STATES AND AUSTRALIA, 1982-83—continued

ASIC code	Industry subdivision Description	Estab- lishments at 30 June(b)	Average employment over whole year(c)			Wages and salaries(d)	Turnover	Stocks		Purchases, transfers in and selected expenses	Value added	Fixed capital expend- iture less disposals
			Males	Females	Persons			Opening	Closing			
		No.	No.	No.	\$ m	\$ m	\$ m	\$ m	\$ m	\$ m	\$ m	
QUEENSLAND												
21	Food, beverages and tobacco	566	24,787	7,532	32,319	520.2	3,389.9	223.7	248.3	2,405.8	1,008.8	114.4
23	Textiles	43	621	485	1,106	14.2	86.0	13.2	11.0	67.5	16.5	1.5
24	Clothing and footwear	94	559	2,626	3,185	36.2	87.8	14.0	12.7	36.3	50.2	0.5
25	Wood, wood products and furniture	633	9,782	1,738	11,520	147.8	563.3	75.0	73.8	320.0	242.1	9.1
26	Paper, paper products, printing and publishing	271	7,312	3,012	10,324	162.2	582.6	58.7	60.7	295.2	289.5	24.7
27	Chemical, petroleum and coal products	71	2,601	439	3,040	58.1	1,414.5	153.1	210.8	1,306.4	165.7	29.8
28	Non-metallic mineral products	334	5,937	444	6,381	113.3	676.8	80.7	102.1	429.4	268.8	38.1
29	Basic metal products	59	6,061	457	6,518	130.0	1,185.1	249.5	282.6	866.2	352.0	280.2
31	Fabricated metal products	590	11,503	2,104	13,607	196.2	910.1	132.1	110.5	546.6	342.0	15.9
32	Transport equipment	208	11,399	596	11,995	190.7	942.1	142.0	154.7	606.4	348.4	10.0
33	Other machinery and equipment	335	8,704	1,491	10,195	156.5	581.7	119.7	114.3	330.1	246.2	11.9
34	Miscellaneous manufacturing	236	3,123	1,333	4,456	60.8	295.6	35.1	38.3	183.5	115.2	5.2
	Total manufacturing 1982-83	3,440	92,389	22,257	114,646	1,786.3	10,715.5	1,296.9	1,419.8	7,362.2	3,445.1	541.3
	1981-82	3,555	99,429	23,288	122,717	1,700.4	10,590.2	1,154.0	1,328.9	7,300.0	3,464.2	621.8
	1980-81	3,291	94,319	21,796	116,115	1,410.2	9,666.5	1,007.1	1,111.4	6,721.6	3,049.2	414.2
SOUTH AUSTRALIA												
21	Food, beverages and tobacco	360	11,909	4,909	16,818	234.9	1,562.9	269.1	290.2	1,036.6	547.4	37.4
23	Textiles	39	1,507	1,165	2,672	37.8	166.5	28.3	27.9	109.4	56.8	4.4
24	Clothing and footwear	85	1,114	2,956	4,070	46.0	159.4	31.0	33.7	76.4	85.7	1.3
25	Wood, wood products and furniture	297	5,999	1,015	7,014	92.7	397.7	54.7	51.2	244.9	149.3	6.2
26	Paper, paper products, printing and publishing	196	5,505	2,023	7,528	117.1	423.5	51.2	47.9	213.1	206.9	25.2
27	Chemical, petroleum and coal products	48	2,208	381	2,589	50.0	292.2	46.1	53.7	183.7	116.0	38.7
28	Non-metallic mineral products	129	2,878	281	3,159	54.3	302.8	35.5	41.8	173.2	135.9	12.9
29	Basic metal products	36	7,645	591	8,236	155.3	688.4	183.6	173.9	464.2	214.4	17.0
31	Fabricated metal products	327	5,952	1,214	7,166	102.6	451.0	56.9	48.2	266.0	176.4	5.4
32	Transport equipment	114	15,831	1,552	17,383	317.5	1,155.7	161.6	219.8	672.3	551.6	42.2
33	Other machinery and equipment	296	10,511	3,259	13,770	212.8	768.3	163.9	136.3	418.2	322.4	16.1
34	Miscellaneous manufacturing	172	3,784	1,717	5,501	81.3	329.0	46.5	46.2	182.7	145.9	12.8
	Total manufacturing 1982-83	2,099	74,843	21,063	95,906	1,502.3	6,707.5	1,128.8	1,170.9	4,040.9	2,708.6	219.7
	1981-82	2,220	81,408	23,474	104,882	1,445.8	6,651.9	1,101.1	1,154.2	4,059.4	2,645.7	282.7
	1980-81	2,131	81,449	23,306	104,755	1,283.0	6,067.3	1,090.7	1,103.9	3,693.2	2,387.4	257.8

For footnotes see end of table

TABLE 12. MANUFACTURING ESTABLISHMENTS(a): SUMMARY OF OPERATIONS, BY INDUSTRY SUBDIVISION, STATES AND AUSTRALIA, 1982-83—continued

ASIC code	Industry subdivision Description	Estab- lishments at 30 June(b)	Average employment over whole year(c)			Wages and salaries(d)	Turnover	Stock		Purchases, transfers in and selected expenses	Value added	Fixed capital expend- iture less disposals
			Males	Females	Persons			Opening	Closing			
			No.	No.	No.			\$ m	\$ m			
WESTERN AUSTRALIA												
21	Food, beverages and tobacco	366	8,216	3,786	17 002	181.0	1,331.5	93.3	104.6	958.8	383.9	27.1
23	Textiles	29	409	279	688	9.3	36.8	6.4	4.7	23.2	11.9	0.5
24	Clothing and footwear	66	271	1,150	1,421	15.2	39.1	4.0	4.3	18.4	21.0	0.3
25	Wood, wood products and furniture	427	5 922	1,142	7,064	88.2	349.9	61.9	58.2	195.4	150.8	4.8
26	Paper, paper products, printing and publishing	209	4,672	2,186	6,858	102.8	316.6	30.2	28.8	159.4	155.9	2.0
27	Chemical, petroleum and coal products	81	2,776	374	3,150	66.0	441.0	62.5	76.8	301.1	154.3	24.6
28	Non-metallic mineral products	212	3,977	378	4,355	74.2	356.3	58.2	63.6	204.8	156.9	-1.6
29	Basic metal products	39	5,283	372	5,655	131.7	1,340.9	199.1	190.9	924.6	408.1	442.1
31	Fabricated metal products	431	7,586	1,070	8,656	134.9	573.6	72.3	61.2	328.3	234.1	12.6
32	Transport equipment	156	4,593	245	4,838	75.1	196.6	28.4	32.4	96.8	103.8	4.0
33	Other machinery and equipment	316	6,689	1,118	7,807	124.8	449.2	100.4	109.4	260.5	197.7	16.6
34	Miscellaneous manufacturing	167	1,871	615	2,486	35.3	165.2	20.8	20.7	102.5	62.6	3.5
	<i>Total manufacturing 1982-83</i>	<i>2,499</i>	<i>52,265</i>	<i>12,715</i>	<i>64,980</i>	<i>1,038.3</i>	<i>5,596.5</i>	<i>737.5</i>	<i>755.7</i>	<i>3,573.8</i>	<i>2,040.9</i>	<i>536.6</i>
	<i>1981-82</i>	<i>2,603</i>	<i>57,395</i>	<i>13,404</i>	<i>70,799</i>	<i>1,013.4</i>	<i>5,491.0</i>	<i>673.4</i>	<i>736.0</i>	<i>3,500.9</i>	<i>2,052.7</i>	<i>718.6</i>
	<i>1980-81</i>	<i>2,426</i>	<i>55,874</i>	<i>12,996</i>	<i>68,870</i>	<i>869.2</i>	<i>4,902.2</i>	<i>563.1</i>	<i>686.3</i>	<i>3,148.8</i>	<i>1,876.7</i>	<i>423.8</i>
TASMANIA												
21	Food, beverages and tobacco	118	3,930	1,977	5,907	80.0	592.1	59.9	72.3	441.4	163.1	11.9
23	Textiles	11	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
24	Clothing and footwear	6	93	117	210	2.5	8.4	0.7	0.7	4.4	4.0	0.1
25	Wood, wood products and furniture	121	2,748	204	2,952	44.8	236.4	49.8	45.9	146.5	86.1	2.1
26	Paper, paper products, printing and publishing	47	4,368	688	5,056	94.7	379.1	45.3	41.3	210.9	164.2	8.2
27	Chemical, petroleum and coal products	15	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
28	Non-metallic mineral products	44	717	54	771	13.7	78.6	11.9	14.2	47.5	33.5	1.7
29	Basic metal products	11	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
31	Fabricated metal products	75	1,248	175	1,423	19.6	74.8	12.9	12.4	43.7	30.5	3.1
32	Transport equipment	18	540	115	655	11.0	32.4	16.2	17.2	14.1	19.4	1.6
33	Other machinery and equipment	35	61.3	91	704	11.4	30.2	4.6	4.3	14.5	15.4	0.6
34	Miscellaneous manufacturing	27	346	63	409	5.9	23.5	3.4	3.5	12.2	11.4	0.3
	<i>Total manufacturing 1982-83</i>	<i>328</i>	<i>19,597</i>	<i>4,488</i>	<i>24,085</i>	<i>187.7</i>	<i>1,968.5</i>	<i>342.0</i>	<i>329.0</i>	<i>1,260.4</i>	<i>695.1</i>	<i>45.0</i>
	<i>1981-82</i>	<i>355</i>	<i>21,345</i>	<i>4,464</i>	<i>25,809</i>	<i>170.2</i>	<i>1,895.0</i>	<i>297.5</i>	<i>350.0</i>	<i>1,237.5</i>	<i>713.1</i>	<i>84.4</i>
	<i>1980-81</i>	<i>358</i>	<i>21,942</i>	<i>4,586</i>	<i>26,528</i>	<i>146.6</i>	<i>1,867.1</i>	<i>280.4</i>	<i>302.3</i>	<i>1,175.5</i>	<i>713.4</i>	<i>60.2</i>

For footnotes see end of table

TABLE 12. MANUFACTURING ESTABLISHMENTS(a): SUMMARY OF OPERATIONS, BY INDUSTRY SUBDIVISION, STATE AND AUSTRALIA, 1982-83—continued

ASIC code	Industry subdivision Description	Estab- lishments at 30 June(b)	Average employment over whole year(c)			Wages and salaries(d) \$ m	Turnover \$ m	Stocks		Purchases, transfers in and selected expenses \$ m	Value added \$ m	Fixed capital expendi- ture less disposals \$ m
			Males	Females	Persons			Opening	Closing			
		No.	No.	No.			\$ m	\$ m	\$ m	\$ m	\$ m	\$ m
NORTHERN TERRITORY												
21	Food, beverages and tobacco	24	521	171	692	11.9	63.3	7.5	7.0	44.8	18.0	1.0
23	Textiles	—	—	—	—	—	—	—	—	—	—	—
24	Clothing and footwear	2	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
25	Wood, wood products and furniture	14	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
26	Paper, paper products, printing and publishing	16	199	120	319	5.3	16.8	2.0	1.9	6.5	10.2	0.5
27	Chemical, petroleum and coal products	1	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
28	Non-metallic mineral products	18	167	20	187	3.5	30.7	2.0	1.9	21.6	9.1	0.1
29	Basic metal products	5	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
31	Fabricated metal products	20	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
32	Transport equipment	3	27	6	33	0.4	1.5	0.3	0.2	1.0	0.4	—
33	Other machinery and equipment	7	22	7	29	0.5	2.7	0.1	0.2	1.5	1.3	0.1
34	Miscellaneous manufacturing	7	27	5	32	0.4	1.5	0.1	0.1	0.7	0.8	—
	<i>Total manufacturing 1982-83</i>	<i>117</i>	<i>1,932</i>	<i>502</i>	<i>2,434</i>	<i>45.2</i>	<i>343.9</i>	<i>82.9</i>	<i>81.3</i>	<i>251.3</i>	<i>91.0</i>	<i>5.9</i>
	<i>1981-82</i>	<i>106</i>	<i>1,962</i>	<i>527</i>	<i>2,489</i>	<i>42.5</i>	<i>296.9</i>	<i>83.1</i>	<i>78.2</i>	<i>230.9</i>	<i>61.2</i>	<i>11.0</i>
	<i>1980-81</i>	<i>98</i>	<i>2,117</i>	<i>534</i>	<i>2,651</i>	<i>41.6</i>	<i>292.3</i>	<i>48.8</i>	<i>83.5</i>	<i>230.6</i>	<i>96.3</i>	<i>20.4</i>
AUSTRALIAN CAPITAL TERRITORY												
21	Food, beverages and tobacco	10	311	131	442	6.6	36.3	1.1	0.9	25.9	10.2	0.5
23	Textiles	1	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
24	Clothing and footwear	4	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
25	Wood, wood products and furniture	34	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
26	Paper, paper products, printing and publishing	41	916	380	1,296	24.8	64.3	6.1	6.4	32.1	32.5	2.1
27	Chemical, petroleum and coal products	—	—	—	—	—	—	—	—	—	—	—
28	Non-metallic mineral products	14	153	14	167	3.2	24.5	2.2	1.8	16.8	7.4	0.9
29	Basic metal products	2	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
31	Fabricated metal products	16	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.
32	Transport equipment	5	42	6	48	0.6	2.5	0.1	0.2	1.5	1.0	—
33	Other machinery and equipment	15	131	43	174	2.9	10.9	1.3	1.2	5.6	5.2	0.1
34	Miscellaneous manufacturing	8	28	13	41	0.5	1.6	0.1	0.1	0.9	0.8	—
	<i>Total manufacturing 1982-83</i>	<i>150</i>	<i>2,468</i>	<i>760</i>	<i>3,228</i>	<i>54.6</i>	<i>217.5</i>	<i>47.8</i>	<i>52.4</i>	<i>125.6</i>	<i>96.5</i>	<i>6.3</i>
	<i>1981-82</i>	<i>126</i>	<i>2,627</i>	<i>824</i>	<i>3,451</i>	<i>49.4</i>	<i>187.7</i>	<i>14.4</i>	<i>16.8</i>	<i>111.7</i>	<i>78.4</i>	<i>6.3</i>
	<i>1980-81</i>	<i>117</i>	<i>2,530</i>	<i>786</i>	<i>3,316</i>	<i>44.9</i>	<i>162.9</i>	<i>13.5</i>	<i>16.7</i>	<i>89.3</i>	<i>76.8</i>	<i>2.9</i>

For footnotes see end of table

TABLE 12. MANUFACTURING ESTABLISHMENTS(a): SUMMARY OF OPERATIONS, BY INDUSTRY SUBDIVISION, STATES AND AUSTRALIA, 1981-83—continued

ASIC code	Industry subdivision Description	Estab- lishments at 30 June(b)	Average employment over whole year(c)			Wages and salaries(d)	Turnover	Stocks		Purchases, transfers in and selected expenses	Fixed capital expen- diture less disposals	
			Males	Females	Persons			Opening	Closing			Value added
			No.	No.	No.			\$ m	\$ m			\$ m
AUSTRALIA												
21	Food, beverages and tobacco	3,424	125,136	49,402	174,538	2,853.6	18,507.0	1,905.4	2,088.3	12,763.1	5,926.7	594.0
23	Textiles	628	19,192	13,440	32,632	513.4	2,147.3	394.6	375.3	1,322.7	805.4	57.5
24	Clothing and footwear	1,969	10,692	53,258	69,950	846.7	2,917.2	478.7	464.9	1,548.6	1,354.8	29.1
25	Wood, wood products and furniture	4,028	60,152	10,879	71,031	950.1	3,981.8	584.8	567.2	2,290.7	1,673.5	91.8
26	Paper, paper products, printing and publishing	2,967	71,327	27,207	100,734	1,711.4	6,484.5	771.7	742.4	3,383.6	3,071.7	206.7
27	Chemical, petroleum and coal products	931	43,512	14,808	58,320	1,144.2	8,124.5	1,315.4	1,443.3	5,417.8	2,834.5	327.9
28	Non-metallic mineral products	1,712	36,439	4,436	40,875	760.8	3,704.6	516.1	572.8	2,201.6	1,559.8	144.8
29	Basic metal products	548	76,613	6,387	83,000	1,682.0	9,431.4	2,068.2	1,940.1	6,803.2	2,500.2	1,431.1
31	Fabricated metal products	4,272	84,089	17,690	101,779	1,584.4	6,424.1	1,074.5	956.5	3,656.5	2,650.0	147.4
32	Transport equipment	1,300	107,099	13,949	121,048	2,140.0	8,040.8	1,347.6	1,413.2	4,814.1	3,292.2	300.0
33	Other machinery and equipment	3,766	106,757	33,396	140,153	2,309.0	8,585.0	2,026.7	1,894.5	4,649.0	3,803.9	213.3
34	Miscellaneous manufacturing	2,209	40,301	18,544	58,845	907.0	3,972.4	610.9	600.2	2,374.9	1,586.7	134.8
	Total manufacturing 1982-83	27,696	787,309	265,596	1,052,905	17,402.7	82,320.6	13,094.4	13,058.7	51,225.8	31,059.1	3,678.4
	1981-82	28,706	862,542	297,766	1,154,808	17,002.8	81,869.3	12,377.4	13,297.3	51,240.4	31,548.7	4,084.2
	1980-81	27,681	859,217	290,746	1,149,963	14,912.7	73,723.0	11,047.1	12,366.9	46,448.7	28,594.1	2,882.7

(a) Excludes single establishment manufacturing enterprises with fewer than four persons employed (see paragraph 7 of Explanatory notes).
the drawings of working proprietors.

(b) See paragraph 9 of Explanatory notes.

(c) Includes working proprietors.

(d) Excludes

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1982-83**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c)
			Males	Females	Persons	
		No.	No.	No.	No.	\$'000
	<i>Food, beverages and tobacco</i>					
	<i>Meat products</i>					
2115	Meat (except smallgoods or poultry)	55	98	19	117	790
2116	Poultry	31	46	27	73	219
2117	Bacon, ham and smallgoods, n.e.c.	23	42	12	54	355
211	<i>Total meat products</i>	109	186	58	244	1,364
	<i>Milk products</i>					
2121	Liquid milk and cream	2	n.p.	n.p.	n.p.	n.p.
2122	Butter	—	—	—	—	—
2123	Cheese	8	n.p.	n.p.	n.p.	n.p.
2124	Ice cream and frozen confections	12	15	12	27	107
2125	Milk products, n.e.c.	—	—	—	—	—
212	<i>Total milk products</i>	22	35	14	49	184
	<i>Fruit and vegetable products</i>					
2131	Fruit products	19	35	12	47	278
2132	Vegetable products	6	9	5	14	70
213	<i>Total fruit and vegetable products</i>	25	44	17	61	348
214	<i>Margarine and oils and fats, n.e.c.</i>	6	9	3	12	89
	<i>Flour mill and cereal food products</i>					
2151	Flour mill products	—	—	—	—	—
2152	Starch, gluten and starch sugars	—	—	—	—	—
2153	Cereal foods and baking mixes	17	23	16	39	160
215	<i>Total flour mill and cereal food products</i>	17	23	16	39	160
	<i>Bread, cakes and biscuits</i>					
2161	Bread	236	339	249	588	2,374
2162	Cakes and pastries	77	105	71	176	521
2163	Biscuits	10	14	11	25	81
216	<i>Total bread, cakes and biscuits</i>	323	458	331	789	2,976
	<i>Other food products</i>					
2171	Raw sugar	—	—	—	—	—
2173	Confectionery and cocoa products	32	41	29	70	305
2174	Processed seafoods	11	18	6	24	156
2175	Prepared animal and bird foods	27	55	8	63	441
2176	Food products, n.e.c.	91	137	58	195	843
217	<i>Total other food products</i>	161	251	101	352	1,745
	<i>Beverages and malt</i>					
2185	Soft drinks, cordials and syrups	55	101	30	131	487
2186	Beer	—	—	—	—	—
2187	Malt	—	—	—	—	—
2188	Wine and brandy	128	186	94	280	1,085
2189	Alcoholic beverages, n.e.c.	4	5	1	6	52
218	<i>Total beverages and malt</i>	187	292	125	417	1,624
219	<i>Tobacco products</i>	—	—	—	—	—
21	Total food, beverages and tobacco	850	1,298	645	1,963	8,489

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1962-63—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c)
			Males	Females	Persons	
		No.	No.	No.	No.	\$'000
<i>Textiles</i>						
<i>Textile fibres, yarns and woven fabrics</i>						
2341	Cotton ginning	—	—	—	—	—
2342	Wool scouring and top making	—	—	—	—	—
2343	Man-made fibre and yarns	1	n.p.	n.p.	n.p.	n.p.
2344	Man-made fibre broadwoven fabrics	2	n.p.	n.p.	n.p.	n.p.
2345	Cotton yarns and broadwoven fabrics	10	14	4	18	90
2346	Worsted yarns and broadwoven fabrics	—	—	—	—	—
2347	Woolen yarns and broadwoven fabrics	—	—	—	—	—
2348	Narrow woven and elastic textiles	—	—	—	—	—
2349	Textile finishing	13	17	11	28	136
234	<i>Total textile fibres, yarns and woven fabrics</i>	26	37	17	54	283
<i>Other textile products</i>						
2351	Household textiles	32	28	43	71	323
2352	Textile floor coverings	11	12	8	20	77
2353	Felt and felt products	—	—	—	—	—
2354	Canvas and associated products, n.e.c.	138	196	88	284	1,332
2355	Ropes, cordage and twine	8	14	4	18	57
2356	Textile products, n.e.c.	38	46	31	77	477
235	<i>Total other textile products</i>	227	296	174	470	2,267
23	Total textiles	253	333	191	524	2,580
<i>Clothing and footwear</i>						
<i>Knitting mills</i>						
2441	Hosiery	5	7	4	11	40
2442	Cardigans and pullovers	23	22	24	46	119
2443	Knitted goods, n.e.c.	20	22	21	43	261
244	<i>Total knitting mills</i>	48	51	49	100	419
<i>Clothing</i>						
2451	Mens trousers and shorts; work clothing	18	15	18	33	167
2452	Mens suits and coats; waterproof clothing	14	19	13	32	119
2453	Womens outerwear, n.e.c.	250	170	345	515	2,626
2454	Foundation garments	5	6	4	10	59
2455	Underwear and infant clothing, n.e.c.	29	15	45	60	697
2456	Headwear and clothing, n.e.c.	184	144	215	359	1,527
245	<i>Total clothing</i>	500	369	640	1,009	5,194
246	<i>Footwear</i>	73	90	50	140	439
24	Total clothing and footwear	621	510	739	1,249	6,852

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1962-63—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c) \$ '000
			Males	Females	Persons	
		No.	No.	No.	No.	
<i>Wood, wood products and furniture</i>						
<i>Wood and wood products</i>						
2531	Log sawmilling	346	654	58	712	2,301
2532	Resawn and dressed timber	18	31	4	35	191
2533	Veneers and manufactured boards of wood	8	9	6	15	81
2534	Wooden doors	11	19	7	26	173
2535	Wooden structural fittings and joinery, n.e.c.	1,110	1,893	356	2,249	11,646
2536	Wooden containers	54	89	16	105	691
2537	Hardwood woodchips	4	6	2	8	52
2538	Wood products, n.e.c.	426	563	245	808	3,249
253	<i>Total wood and wood products</i>	<i>1,977</i>	<i>3,264</i>	<i>694</i>	<i>3,958</i>	<i>18,383</i>
<i>Furniture and mattresses</i>						
2541	Furniture (except sheet metal)	1,448	2,147	639	2,786	10,980
2542	Mattresses (except rubber)	18	23	16	39	178
254	<i>Total furniture and mattresses</i>	<i>1,466</i>	<i>2,170</i>	<i>655</i>	<i>2,825</i>	<i>11,159</i>
25	Total wood, wood products and furniture	3,443	5,434	1,349	6,783	29,541
<i>Paper, paper products, printing and publishing</i>						
<i>Paper and paper products</i>						
2631	Pulp, paper and paperboard	7	11	3	14	124
2632	Paper bags (including textile bags)	2	n.p.	n.p.	n.p.	n.p.
2633	Solid fibreboard containers	5	n.p.	n.p.	n.p.	n.p.
2634	Corrugated fibreboard containers	—	—	—	—	—
2635	Paper products, n.e.c.	22	30	16	46	402
263	<i>Total paper and paper products</i>	<i>36</i>	<i>54</i>	<i>23</i>	<i>77</i>	<i>645</i>
<i>Printing and allied industries</i>						
2641	Publishing	201	208	187	395	2,808
2642	Printing and publishing	117	142	92	234	1,235
2643	Paper stationery	50	72	34	106	703
2644	Printing and bookbinding	859	1,250	602	1,852	10,588
2645	Printing trade services, n.e.c.	168	212	125	337	2,358
264	<i>Total printing and allied industries</i>	<i>1,395</i>	<i>1,884</i>	<i>1,040</i>	<i>2,924</i>	<i>17,692</i>
26	Total paper, paper products, printing and publishing	1,431	1,938	1,063	3,001	18,337
<i>Chemical, petroleum and coal products</i>						
<i>Basic chemicals</i>						
2751	Chemical fertilisers	4	6	3	9	24
2752	Industrial gases	—	—	—	—	—
2753	Synthetic resins and rubber	8	9	9	18	198
2754	Organic industrial chemicals, n.e.c.	11	21	—	21	207
2755	Inorganic industrial chemicals, n.e.c.	22	29	9	38	296
275	<i>Total basic chemicals</i>	<i>45</i>	<i>65</i>	<i>21</i>	<i>86</i>	<i>726</i>

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1962-63—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c)
			Males	Females	Persons	
		No.	No.	No.	No.	\$' 000
	Other chemical products					
2761	Ammunition, explosives and fireworks	2	n.p.	n.p.	n.p.	n.p.
2762	Paints	36	58	18	76	569
2763	Pharmaceutical and veterinary products	29	34	28	62	330
2764	Pesticides	2	n.p.	n.p.	n.p.	n.p.
2765	Soap and other detergents	61	98	31	129	879
2766	Cosmetic and toilet preparations	18	18	15	33	140
2767	Inks	6	8	4	12	77
2768	Chemical products, n.e.c.	45	63	30	93	554
276	Total other chemical products	199	283	130	413	2,616
277	Petroleum refining	—	—	—	—	—
278	Petroleum and coal products, n.e.c.	7	16	1	17	166
27	Total chemical, petroleum and coal products	251	364	152	516	3,507
	Non-metallic mineral products					
285	Glass and glass products	40	52	19	71	269
	Clay products and refractories					
2861	Clay bricks	3	7	—	7	35
2862	Refractories	3	4	3	7	14
2863	Ceramic tiles and pipes	8	13	2	15	63
2864	Ceramic goods, n.e.c.	106	109	101	210	447
286	Total clay products and refractories	120	133	106	239	558
	Cement and concrete products					
2871	Cement	1	n.p.	n.p.	n.p.	n.p.
2872	Ready mixed concrete	70	n.p.	n.p.	n.p.	n.p.
2873	Concrete pipes and box culverts	—	—	—	—	—
2874	Concrete products, n.e.c.	189	342	67	409	2,597
287	Total cement and concrete products	260	484	92	576	3,925
	Other non-metallic mineral products					
2881	Plaster products and expanded minerals	27	49	12	61	436
2882	Stone products	76	130	36	166	795
2883	Glass wool and mineral wool products	2	n.p.	n.p.	n.p.	n.p.
2884	Non-metallic mineral products, n.e.c.	23	n.p.	n.p.	n.p.	n.p.
288	Total other non-metallic mineral products	128	220	54	274	1,366
28	Total non-metallic mineral products	548	889	271	1,160	6,338

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1982-83—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c) \$ '000
			Males	Females	Persons	
		No.	No.	No.	No.	
<i>Basic metal products</i>						
<i>Basic iron and steel</i>						
2941	Iron and steel basic products	21	42	4	46	291
2942	Iron casting	7	12	2	14	129
2943	Steel casting	7	10	3	13	129
2944	Iron and steel forging	37	54	10	64	158
2945	Steel pipes and tubes	6	9	2	11	107
294	<i>Total basic iron and steel</i>	78	127	21	148	815
<i>Basic non-ferrous metals</i>						
2951	Copper smelting, refining	—	—	—	—	—
2952	Silver, lead, zinc smelting, refining	—	—	—	—	—
2953	Alumina	—	—	—	—	—
2954	Aluminium smelting	—	—	—	—	—
2955	Nickel smelting, refining	—	—	—	—	—
2956	Non-ferrous metals, n.e.c. smelting, refining	2	n.p.	n.p.	n.p.	n.p.
2957	Secondary recovery and alloying of non-ferrous metals, n.e.c.	14	n.p.	n.p.	n.p.	n.p.
295	<i>Total basic non-ferrous metals</i>	16	30	5	35	238
<i>Non-ferrous metal basic products</i>						
2961	Aluminium rolling, drawing, extruding	1	n.p.	n.p.	n.p.	n.p.
2962	Non-ferrous metals, n.e.c. rolling, drawing, extruding	3	n.p.	n.p.	n.p.	n.p.
2963	Non-ferrous metal casting	43	77	15	92	752
296	<i>Total non-ferrous metal basic products</i>	47	83	19	102	818
29	Total basic metal products	141	240	45	285	1,871
<i>Fabricated metal products</i>						
<i>Structural metal products</i>						
3141	Fabricated structural steel	362	607	171	778	5,219
3142	Architectural aluminium products	214	353	91	444	2,385
3143	Architectural metal products, n.e.c.	208	348	69	417	2,016
314	<i>Total structural metal products</i>	784	1,308	331	1,639	9,620
<i>Sheet metal products</i>						
3151	Metal containers	10	19	5	24	163
3152	Sheet metal furniture	13	22	4	26	164
3153	Sheet metal products, n.e.c.	360	611	168	779	5,196
315	<i>Total sheet metal products</i>	383	652	177	829	5,523
<i>Other fabricated metal products</i>						
3161	Cutlery and hand tools, n.e.c.	72	97	36	133	717
3162	Springs and wire products	57	93	37	130	719
3163	Nuts, bolts, screws and rivets	21	34	12	46	273
3164	Metal coating and finishing	248	379	104	483	2,583
3165	Non-ferrous steam, gas and water fittings	15	22	6	28	142
3166	Boiler and plate work	51	76	26	102	657
3167	Metal blinds and awnings	31	40	21	71	441
3168	Fabricated metal products, n.e.c.	892	1,316	380	1,696	9,519
316	<i>Total other fabricated metal products</i>	1,387	2,067	622	2,689	15,051
31	Total fabricated metal products	2,554	4,027	1,130	5,157	36,195

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1982-83—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c)
			Males	Females	Persons	
		No.	No.	No.	No.	\$' 000
<i>Transport equipment</i>						
<i>Motor vehicles and parts</i>						
3231	Motor vehicles	14	26	3	29	173
3232	Motor vehicle bodies, trailers, caravans	165	285	60	345	1,785
3233	Motor vehicle instruments and electrical equipment, n.e.c.	7	8	5	13	91
3234	Motor vehicle parts, n.e.c.	210	362	88	450	2,554
323	<i>Total motor vehicles and parts</i>	396	681	156	837	4,602
<i>Other transport equipment</i>						
3241	Ships	17	26	6	32	225
3242	Boats	316	491	114	605	3,170
3243	Railway rolling stock and locomotives	—	—	—	—	—
3244	Aircraft	21	38	9	47	445
3245	Transport equipment, n.e.c.	24	42	5	47	264
324	<i>Total other transport equipment</i>	378	597	134	731	4,104
32	Total transport equipment	774	1,278	290	1,568	8,706
<i>Other machinery and equipment</i>						
<i>Photographic, professional and scientific equipment</i>						
3341	Photographic and optical goods	20	33	11	44	284
3342	Photographic film processing	120	141	113	254	1,740
3343	Measuring, professional and scientific equipment, n.e.c.	70	94	51	145	930
334	<i>Total photographic, professional and scientific equipment</i>	210	268	175	443	2,954
<i>Appliances and electrical equipment</i>						
3351	Radio and T.V. receivers, audio equipment	18	23	7	30	142
3352	Electronic equipment, n.e.c.	113	162	79	241	2,013
3353	Refrigerators and household appliances	70	108	35	143	1,040
3354	Water heating systems	11	20	4	24	140
3355	Electric and telephone cable and wire	—	—	—	—	—
3356	Batteries	25	35	12	47	136
3357	Electrical machinery and equipment, n.e.c.	217	318	131	449	2,913
335	<i>Total appliances and electrical equipment</i>	454	666	268	934	6,384
<i>Industrial machinery and equipment</i>						
3361	Agricultural machinery	99	174	37	211	1,200
3362	Construction machinery	13	19	7	26	203
3363	Materials handling equipment	41	64	22	86	700
3364	Wood and metal working machinery	63	87	32	119	622
3365	Pumps and compressors	40	63	19	82	621
3366	Commercial space heating and cooling equipment	18	25	12	37	306
3367	Dies, saw blades and machine tool accessories	292	441	150	591	4,494
3368	Food processing machinery	25	36	15	51	372
3369	Industrial machinery and equipment, n.e.c.	714	1,098	290	1,388	9,723
336	<i>Total industrial machinery and equipment</i>	1,305	2,007	584	2,391	18,242
33	Total other machinery and equipment	1,969	2,941	1,027	3,968	27,580

For footnotes see end of table

**TABLE 13. SINGLE ESTABLISHMENT MANUFACTURING ENTERPRISES WITH FEWER THAN FOUR PERSONS EMPLOYED(a)
SUMMARY OF OPERATIONS, BY INDUSTRY CLASS, AUSTRALIA, 1982-83—continued**

ASIC code	Description	Establishments at 30 June	Employment at end of June(b)			Wages and salaries(c) \$ '000
			Males	Females	Persons	
		No.	No.	No.	No.	\$ '000
<i>Miscellaneous manufacturing</i>						
	Leather and leather products					
3451	Leather tanning and fur dressing	19	25	12	37	187
3452	Leather and leather substitute goods, n.e.c.	146	179	105	284	959
345	<i>Total leather and leather products</i>	<i>165</i>	<i>204</i>	<i>117</i>	<i>321</i>	<i>1,146</i>
<i>Rubber products</i>						
	Rubber tyres, tubes, belts, hose and sheets					
3461	Rubber products, n.e.c.	16	35	4	39	279
3462	Rubber products, n.e.c.	15	29	7	36	262
346	<i>Total rubber products</i>	<i>31</i>	<i>64</i>	<i>11</i>	<i>75</i>	<i>541</i>
<i>Plastic and related products</i>						
	Flexible packaging and abrasive papers					
3471	Rigid plastic sheeting	21	31	14	45	359
3472	Rigid plastic sheeting	7	11	2	13	81
3473	Hard surface floor coverings, n.e.c.	—	—	—	—	—
3474	Plastic products, n.e.c.	321	488	163	651	4,085
347	<i>Total plastic and related products</i>	<i>349</i>	<i>530</i>	<i>179</i>	<i>709</i>	<i>4,526</i>
<i>Other manufacturing</i>						
	Ophthalmic articles					
3481	Jewellery and silverware	16	24	9	33	232
3482	Brooms and brushes	350	458	191	649	2,724
3483	Signs and advertising displays	13	18	9	27	110
3484	Sporting equipment	587	836	323	1,159	5,126
3485	Writing and marking equipment	94	145	48	193	876
3486	Manufacturing, n.e.c.	27	37	23	60	216
3487	Manufacturing, n.e.c.	120	146	89	235	841
348	<i>Total other manufacturing</i>	<i>1,207</i>	<i>1,664</i>	<i>692</i>	<i>2,356</i>	<i>10,124</i>
34	Total miscellaneous manufacturing	1,782	2,462	999	3,461	16,337
21-34	Total manufacturing 1982-83	14,587	21,714	7,921	29,635	159,583
	1981-82	14,024	20,956	7,738	28,686	137,349
	1980-81	12,275	18,405	6,516	24,921	98,560

(a) See paragraph 7 of Explanatory notes. (b) Includes working proprietors. (c) Excludes the drawings of working proprietors.

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION

(For further information on the Classification see *Australian Standard Industrial Classification, 1978 Edition* (1201.0))

Product type	ASIC code	Product type	ASIC code
Abrasive papers	part of 3471	Compressors	part of 3365
Advertising displays	part of 3484	Concrete ready-mixed	part of 2872
Agricultural machinery	3361	Concrete pipes and box culverts	2873
Aircraft	3244	Concrete products, n.e.c.	2874
Alcoholic beverages, n.e.c.	2189	Confectionery and cocoa products	2173
Alumina	2953	Construction machinery	3362
Aluminium, architectural products	part of 3142	Containers—	
Aluminium rolling, drawing, extruding	2961	Corrugated fibreboard	part of 2634
Aluminium smelting	2954	Metal	part of 31-1
Ammunition, explosives, fireworks	2761	Solid fibreboard	part of 2633
Animal foods, prepared	part of 2175	Wooden	part of 2536
Architectural aluminium products	3142	Cooling equipment	part of 3366
Architectural metal products, n.e.c.	3143	Copper smelting, refining	2951
Appliances, household	3353	Cordage	part of 2355
Audio equipment	part of 3351	Cordials	part of 2185
Awnings, metal	part of 3167	Corrugated fibreboard containers	2634
		Cosmetic and toilet preparations	276c
Bacon, ham and smallgoods, n.e.c.	2117	Cotton ginning	2341
Bags, paper or textile	part of 2632	Cotton yarns and broadwoven fabrics	2345
Baking mixes	part of 2153	Cream, liquid	2121
Batteries	3356	Cutlery and hand tools, n.e.c.	3161
Beer	218c	Detergents	part of 2765
Belts, rubber	part of 3461	Dies, saw blades and machine tool accessories	3367
Bird foods, prepared	part of 2175	Doors, wooden	part of 2534
Biscuits	part of 2163	Elastic textiles	part of 2348
Blinds, metal	part of 3167	Electric and telephone cable wire	3355
Boards, wood—		Electrical equipment—	
Manufactured	part of 2533	Motor vehicle, n.e.c.	3233
Boats	3242	N.e.c.	part of 3357
Boiler and plate work	3166	Electrical machinery and equipment, n.e.c.	3352
Bolts	part of 3163	Electronic equipment, n.e.c.	part of 2881
Bookbinding	part of 2644	Expanded minerals	part of 2761
Box culverts, concrete	part of 2873	Explosives	
Brandy	2188	Fabricated metal products, n.e.c.	3168
Bread	2161	Fabricated structural steel	3141
Bricks, clay	part of 2861	Fabrics, broadwoven—	
Broadwoven fabrics—		Man-made fibre	part of 2344
Cotton	part of 2345	Fats, n.e.c.	part of 2140
Man-made fibre	part of 2344	Felt and felt products	2353
Woolen	part of 2347	Fertilisers, chemical	part of 2751
Worsted	part of 2346	Fibres, man-made	part of 2343
Brooms and brushes	3483	Film processing, photographic	part of 3342
Brushes	part of 3483	Fireworks	part of 2761
Butter	2122	Fittings, wooden structural	part of 2535
		Flexible packaging and abrasive papers	3471
Cable, electric and telephone	part of 3355	Floor coverings—	
Cakes and pastries	2162	Hard surface, n.e.c.	part of 3473
Canvas and associated products, n.e.c.	2354	Textile	part of 2352
Caravans	part of 3232	Flour mill products	2151
Cardigans and pullovers	2442	Food processing machinery	3368
Casting—		Food products, n.e.c.	2176
Iron	part of 2942	Footwear	2460
Non-ferrous metal	2963	Foundation garments	2454
Steel	2943	Frozen confections	part of 2124
Cement	2871	Fruit products	2131
Ceramic goods, n.e.c.	2864	Fur dressing	part of 3451
Ceramic tiles and pipes	2863	Furniture (except sheet metal)	2541
Cereal foods and baking mixes	2153	Furniture	
Cheese	2123	Sheet metal	part of 3152
Chemical fertilisers	2751	Gas fittings, non-ferrous	part of 3165
Chemical products, n.e.c.	2768	Gases, industrial	part of 2752
Chemicals, n.e.c.		Glass and glass products	2850
Inorganic, industrial	part of 2755	Glass wool and mineral wool products	2883
Organic, industrial	part of 2754	Gluten	part of 2152
Clay bricks	2861	Ham	part of 2117
Clothing—		Hand tools, n.e.c.	3161
Infants	part of 2455	Handing equipment, materials	part of 3363
Waterproof	part of 2452	Hard surface floor coverings, n.e.c.	3473
Work	part of 2451	Hardwood woodchips	2537
N.e.c.	part of 2456	Headwear and clothing, n.e.c.	2456
Coal products, n.e.c.	part of 2780	Heating equipment, commercial, space	part of 3366
Coats, mens	part of 2452		
Cocoa products	part of 2173		
Commercial space heating and cooling equipment	3366		

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION—continued

Product type	ASIC code	Product type	ASIC code
Hose, rubber	part of 3461	Non-metallic mineral products, n.e.c.	2884
Hosiery	2441	Nuts, bolts, screws and rivets	3163
Household appliances	part of 3353	Oils, animal or vegetable, n.e.c.	part of 2140
Household textiles	2351	Ophthalmic articles	3481
Ice cream and frozen confections	2124	Optical goods	part of 3341
Industrial chemicals, n.e.c.		Organic industrial chemicals, n.e.c.	2754
Inorganic	part of 2755	Outerwear, womens, n.e.c.	part of 2453
Organic	part of 2754	Packaging, flexible	part of 3471
Industrial gases	2752	Paints	2762
Industrial machinery and equipment, n.e.c.	3360	Paper	part of 2631
Infants clothing, n.e.c.	part of 2455	Paper bags (including textile bags)	2632
Inks	2767	Paper products, n.e.c.	2635
Inorganic industrial chemicals, n.e.c.	2755	Paper stationery	2643
Instruments, motor vehicle	part of 3233	Paperboard	part of 2631
Iron casting	2942	Pastries	part of 2162
Iron and steel basic products	2941	Pesticides	2764
Iron and steel forging	2944	Petroleum and coal products, n.e.c.	2780
Jewellers and silverware	3462	Petroleum refining	2770
Joinery, n.e.c.	part of 2835	Pharmaceutical and veterinary products	2763
Knitted goods, n.e.c.	2443	Photographic film processing	3342
Lead smelting, refining	part of 2952	Photographic and optical goods	3341
Leather and leather substitute goods, n.e.c.	3452	Pipes—	
Leather tanning and for dressing	3451	Ceramic	part of 2863
Liquid milk and cream	2121	Concrete	part of 2873
Locomotives, railway	part of 3243	Steel	part of 2945
Log sawmilling	2531	Plaster products and expanded minerals	2881
Machine tool accessories	part of 3367	Plastic products, n.e.c.	3474
Machinery		Plastic sheeting, rigid	part of 3472
Agricultural	part of 3361	Poultry	2116
Construction	part of 3362	Prepared animal and bird foods	2175
Electrical, n.e.c.	part of 3357	Printing and bookbinding	2644
Food processing	part of 3368	Printing and publishing	2642
Industrial, n.e.c.	part of 3369	Printing trade services, n.e.c.	2645
Metal working	part of 3364	Processed sea-foods	2174
Wood working	part of 3364	Professional equipment, n.e.c.	part of 3343
Man-made fibre broadwoven fabrics	2187	Publishing	2641
Man-made fibres and yarns	2344	Pullovers	part of 2442
Manufacturing, n.e.c.	2343	Pulp, paper and paperboard	2631
Margarine and oils and fats, n.e.c.	1487	Pumps and compressors	3365
Marking equipment	part of 1486	Radio and T.V. receivers, audio equipment	3351
Materials handling equipment	3363	Railway rolling stock and locomotives	3243
Mattresses (except rubber)	2542	Raw sugar	2171
Measuring, professional and scientific equipment, n.e.c.	3343	Ready mixed concrete	2872
Meat (except smallgoods or poultry)	2115	Refractories	2862
Mens suits and coats, waterproof clothing	2452	Refrigerators and household appliances	3353
Mens trousers and shorts, work clothing	2451	Resawn and dressed timber	2532
Metal bindis and awnings	3167	Resins, synthetic	part of 2753
Metal coating and finishing	3164	Rigid plastic sheeting	part of 3472
Metal containers	3151	Rivets	part of 3163
Metal products—		Rope, cordage and twine	2355
Architectural, n.e.c.	part of 3143	Rubber products, n.e.c.	3462
Fabricated, n.e.c.	part of 3168	Rubber, synthetic	part of 2753
Metal working machinery	part of 3364	Rubber tyres, tubes, belts, hose and sheets	3461
Milk, liquid	part of 2121	Saw blades	part of 3367
Milk products, n.e.c.	2125	Sawmilling, log	part of 2531
Mineral wool products	part of 2883	Scientific equipment, n.e.c.	part of 3343
Motor vehicle bodies, trailers and caravans	3232	Screws	part of 3163
Motor vehicle instruments and electrical equipment, n.e.c.	3233	Seafoods, processed	part of 2174
Motor vehicle parts, n.e.c.	3234	Secondary recovery and alloying of non-ferrous metals, n.e.c.	2957
Motor vehicles	3231	Sheet metal furniture	3152
Narrow woven and elastic textiles	2348	Sheet metal products, n.e.c.	3153
Nickel smelting, refining	2953	Sheets, rubber	part of 3461
Non-ferrous metal casting	2963	Ships	3241
Non-ferrous metals, n.e.c. alloying	part of 2957		
Non-ferrous metals, n.e.c. rolling, drawing, extruding	2962		
Non-ferrous metals, n.e.c. secondary recovery and alloying	2957		
Non-ferrous metals, n.e.c. smelting, refining	2956		
Non-ferrous steam, gas and water fittings	3165		

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AUSTRALIAN STANDARD INDUSTRIAL CLASSIFICATION—continued

Product type		ASIC code	Product type		ASIC code
Shorts, mens	part of	2451	Trailers	part of	3232
Signs and advertising displays		3484	Transport equipment, n.e.c.		3245
Silver, lead, zinc smelting, refining		2952	Trousers, mens	part of	2451
Silverware	part of	3482	Tubes—		
Smallgoods, n.e.c.	part of	2117	Steel	part of	2945
Soap and other detergents		2765	Rubber	part of	3461
Soft drinks—sodas and syrups		2185	Twine	part of	2355
Solid fibreboard containers		2633	Tyres, rubber	part of	3461
Sporting equipment		3485			
Springs and wire products		3162	Underwear and infants clothing, n.e.c.		2455
Starch, gluten and starch sugars		2152			
Stationery, paper	part of	2643	Vegetable products		2132
Steam fittings, non-ferrous	part of	3165	Veners and manufactured boards of wood		2533
Steel, basic products	part of	2941	Veterinary products	part of	2763
Steel casting		2943			
Steel forging	part of	2944	Water fittings, non-ferrous	part of	3165
Steel pipes and tubes		2945	Water heating systems		3354
Steel, structural fabricated	part of	3141	Waterproof clothing	part of	2452
Stone products		2882	Wine and brandy		2188
Sugar, raw	part of	2171	Wire, electric and telephone	part of	3355
Suits, mens	part of	2452	Wire products	part of	3162
Synthetic resins and rubber		2753	Womens underwear, n.e.c.		2453
Syrups	part of	2185	Woodchips, hardwood	part of	2537
			Wood and metal working machinery		3364
Telephone cable and wire	part of	3355	Wood products, n.e.c.		2538
Television receivers	part of	3351	Wooden containers		2536
Textile bags	part of	2632	Wooden doors		2534
Textile finishing		2349	Wooden structural fittings and joinery, n.e.c.		2535
Textile floor coverings		2352	Wool scouring and top making		2342
Textile products, n.e.c.		2356	Woolen yarns and broadwoven fabrics		2347
Textiles			Work clothing	part of	2451
Elastic	part of	2348	Worsted yarns and broadwoven fabrics		2346
Household		2351	Writing and marking equipment		3486
Narrow woven	part of	2348			
Tiles, ceramic	part of	2863	Yarns—		
Timber, resawn and dressed	part of	2532	Cotton	part of	2345
Tobacco products		2190	Woolen	part of	2346
Toilet preparations	part of	2766	Worsted		
Top making, wool	part of	2342	Zinc, smelting, refining	part of	2952