

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA

AUSTRALIA

MANUFACTURING INDUSTRIES

1955-56.

NO. 16. FLOUR AND OTHER GRAIN MILLS

Prepared Under Instructions from
THE RIGHT HONORABLE THE TREASURER

by

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MANUFACTURING INDUSTRIES : 1955-56

P R E F A C E

1. GENERAL: The Bulletins in the series for 1955-56 are listed on the back of the cover of this Bulletin and incorporate the same range of industries as the 1954-55 series.

Where a number of industries are combined in one Bulletin the introductory paragraph on Page 3 specifies the industries so included.

2. CLASSIFICATION OF FACTORIES: For purposes of industry classification, factories in Australia are classified according to the nature of their product. Where two or more distinct types of industrial activity are carried on in one establishment, a separate return is obtained, wherever practicable, for each activity in order to allow classification on this basis. In cases where this is not practicable, factories are classified according to predominant activity and these cases are encountered most frequently in the Metal Trades, (e.g. General Engineering firms also producing Agricultural Implements or Stoves, etc.), and to a lesser degree in factories concerned with Skins, Leather, Clothing and Wood products.

Each of the summaries in the "Manufacturing Industries" series relates, generally, to the operations of factories classified to the industry specified. Figures shown in the quantity tables herein represent total recorded production of the articles listed and include quantities produced, as subsidiary production in industries otherwise classified.

3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in the annual Secondary Industries Bulletin.

Briefly, a "factory" is defined as an establishment in which four or more persons are employed or where power (other than manual) is used in any manufacturing process. It should be noted that details relating to small establishments not classified for statistical purposes as factories are not included in the figures shown herein.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery of manufactured goods, and retailing storemen. The figures, however, do include proprietors who work in their own businesses as well as "out-workers".

The value of materials used includes the value, in the usual sense, of the materials used, stores used, containers, tools replaced and materials used in repairs to plant. In general, it does not include the value of customers' articles or materials repaired, assembled or treated by the factory.

The value of output is the selling value, at the factory, (exclusive of all delivery costs and charges and excise duties, but inclusive of bounty and subsidy payments to the manufacturer of the finished article) of all goods made during the year. In addition it includes the value of other work done, such as repair work, assembling and making-up for customers.

The value of production is the value added to raw materials by the process of manufacture. It is calculated by deducting from the value of factory output the value (at the factory) of the materials used, containers and packing, power, fuel and light used, tools replaced and materials used in repairs to plant (but not depreciation charges). The value of production is the source from which such items as wages, interest, depreciation, profits, taxation, advertising and other sundry charges are met. As full details of costs of production are not collected, the amount of profit resulting from factory operations cannot be ascertained from the figures contained herein.

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MANUFACTURING INDUSTRIES 1955-56FLOUR AND OTHER GRAIN MILLS

1. SUMMARY OF STATISTICS: The following table furnishes a summary of the principal statistics of the industries for the years 1938-39, 1945-46 and 1953-54 to 1955-56. Separate details are given for Flour Mills and for other Grain Mills.

TABLE 1 : FLOUR AND OTHER GRAIN MILLS : AUSTRALIA

Year	Factories (1) Number	Persons Employed (a) (2) Number	Salaries and Wages Paid (b) (3) £'000	Power, Fuel and Light, etc. Used (c) (4) £'000	Value of Materials etc. Used (d) (5) £'000	Value of Production (e) (6) £'000	Value of Output (f) (7) £'000
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FLOUR MILLS

1938-39	172	3,783	896	231	10,573	2,091	12,895
1945-46	170	4,099	1,376	300	14,180	2,367	16,847
1953-54	157	4,602	3,847	847	53,946	8,134	62,927
1954-55	151	4,528	3,851	805	54,436	7,311	62,552
1955-56	151	4,548	4,073	835	54,498	7,575	62,908

OTHER GRAIN MILLS

1938-39	63	2,043	398	100	1,898	1,328	3,326
1945-46	74	2,900	798	151	3,292	1,858	5,301
1953-54	94	3,439	2,518	602	13,216	6,680	20,498
1954-55	91	3,314	2,474	600	13,118	5,969	19,687
1955-56	88	3,370	2,716	633	13,942	6,806	21,381

(a) Average over whole year; includes Working Proprietors.

(b) Excludes amounts drawn by Working Proprietors.

(c) Includes Water and Lubricating Oil.

(d) Includes also value of containers, packing, etc., replacements of tools and repairs to plant.

(e) Value of Production equals column (7) less total of columns (4) and (5).

(f) Value of goods manufactured.

In the following table particulars of the respective industries are given for each State during the year 1955-56.

TABLE 2 : FLOUR AND OTHER GRAIN MILLS : STATES, 1955-56

Particulars	N.S.W.	VIC.	Q'ld.	S.A.	W.A.	TAS.	AUSTRALIA
<u>FLOUR MILLS</u>							
Factories	No. 51	No. 35	No. 11	No. 24	No. 20	No. 10	No. 151
Persons Employed -							
Males	1,474	1,210	(a)	418	479	(a)	4,241
Females	147	44	(a)	27	31	(a)	307
Total	1,621	1,254	(a)	445	510	(a)	4,548
Salaries and Wages Paid	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Value of -	1,594	1,093	(a)	379	434	(a)	4,073
Power, Fuel and Light, etc. used	363	175	(a)	88	117	(a)	835
Materials, etc. used	20,417	15,314	(a)	5,402	6,402	(a)	54,498
Production	3,355	1,843	(a)	575	722	(a)	7,575
Output	24,135	17,332	(a)	6,065	7,241	(a)	62,908
Land and Buildings (b)	2,013	1,230	(a)	291	788	(a)	5,211
Plant and Machinery (b)	2,199	1,289	(a)	467	608	(a)	5,408
H.P. of Engines ordinarily in use	H.P. 17,790	H.P. 14,394	H.P. (a)	H.P. 4,129	H.P. 5,689	H.P. (a)	H.P. 47,786

OTHER GRAIN MILLS

Factories	No. 33	No. 22	No. 9	No. 12	No. 10	No. 2	No. 38
Persons employed -							
Males	1,160	832	(a)	132	71	(a)	2,319
Females	397	428	(a)	62	60	(a)	1,051
Total	1,557	1,260	(a)	194	131	(a)	3,370
Salaries and Wages Paid	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Value of -	1,292	1,052	(a)	152	68	(a)	2,716
Power, Fuel and Light, etc. used	320	223	(a)	36	21	(a)	633
Materials, etc. used	7,376	5,025	(a)	760	269	(a)	13,942
Production	3,768	2,200	(a)	318	177	(a)	6,806
Output	11,464	7,448	(a)	1,114	567	(a)	21,381
Land and Buildings (b)	1,429	1,050	(a)	130	88	(a)	2,819
Plant and Machinery (b)	1,515	1,532	(a)	242	101	(a)	3,473
H.P. of Engines ordinarily in use	H.P. 11,839	H.P. 8,014	H.P. (a)	H.P. 2,017	H.P. 931	H.P. (a)	H.P. 23,815

(a) Confidential; not available for publication. Included with total for Australia.

(b) Depreciated or book values at end of year.

2. AVERAGE SALARIES, OUTPUT AND PRODUCTION, ETC. : Particulars of the average salary and wage paid, together with the average values of output and production per person engaged and the ratio of salaries and wages to value of production are shown in the following table, for the years 1938-39, 1945-46 and 1953-54 to 1955-56.

TABLE 3 : FLOUR AND OTHER GRAIN MILLS : AVERAGE SALARIES AND WAGES PAID, OUTPUT ETC. PER EMPLOYEE : AUSTRALIA

Year	Salaries and Wages per Employee (a) £	Value of Output per Person Engaged (b) £	Value of Production per Person Engaged (b) £	Ratio of Salaries and Wages to Value of Production %
<u>FLOUR MILLS</u>				
1938-39	242	3,409	553	42.82
1945-46	339	4,110	478	58.12
1953-54	842	13,674	1,767	47.30
1954-55	856	13,814	1,615	52.67
1955-56	902	13,832	1,666	53.77
<u>OTHER GRAIN MILLS</u>				
1938-39	197	1,628	650	30.00
1945-46	278	1,828	641	42.97
1953-54	737	5,960	1,942	37.70
1954-55	752	5,941	1,801	41.44
1955-56	810	6,344	2,020	39.91

(a) Excludes Working Proprietors and amounts drawn by them.

(b) Includes Working Proprietors.

3. MATERIALS USED AND ARTICLES PRODUCED : The two tables which follow show particulars of the total quantity and value of the principal materials used and articles produced during the years 1954-55 and 1955-56. In some cases the figures include relevant production in factories not classified to the Flour and Other Grain Mills industries.

TABLE 4 : PRINCIPAL MATERIALS USED IN FLOUR AND OTHER GRAIN MILLS : AUSTRALIA, 1954-55 AND 1955-56

Particulars	Unit of Quantity	1954-55		1955-56	
		Quantity	Value (£)	Quantity	Value (£)
Wheat	bushel	72,930,596	50,093,977	72,792,531	49,215,788
Maize	"	1,108,984	904,932	1,009,296	847,897
Oats	"	3,738,565	1,773,863	4,368,302	1,590,505
Barley	"	394,569	228,697	354,265	183,567
Rye	"	102,884	71,791	65,369	42,882
Peas	"	338,685	379,227	358,875	286,783
Rice - Paddy ..	ton (2240 lb.)	64,560	2,314,339	97,658	3,391,012
Cleaned	"	3,895	253,881	4,236	218,948
Sugar	"	2,192	156,275	2,953	212,274
Flour Wheat -					
For S.R. Flour -					
own manufacture	ton (2000 lb.)	9,386	(a)	11,653	(a)
purchased ..	"	53,620	1,685,600	46,900	1,473,069
For Macaroni, etc. ..	"	3,089	269,291	9,760	319,647
For Stock Foods ..	"	687	24,095	547	18,917
For Other Purposes ..	"	99,515	3,067,686	59,383	1,822,013
Bicarbonate of Soda ..	lb.	498,145	10,355	621,649	12,812
Cream of Tartar	"	159,762	24,553	168,193	27,910
Food Phosphate	"	508,992	55,024	562,724	50,003
Wheatmeal - for Stock Food	cwt.	73,555	(a)	69,237	(a)
Bran - for Stock Food ..	ton (2000 lb.)	59,707	(a)	49,581	(a)
Pollard	"	75,688	(a)	61,966	(a)

(a) Quantity only available.

TABLE 5 : PRINCIPAL ARTICLES PRODUCED IN FLOUR AND OTHER GRAIN MILLS:
AUSTRALIA, 1954-55 AND 1955-56

Particulars	Unit of Quantity	1954-55		1955-56	
		Quantity	Value (£)	Quantity	Value (£)
From Wheat -					
Flour ..	tons	1,491,258	45,897,044	1,512,420	46,225,075
Wheatmeal for Baking ..	"	50,220	1,519,011	49,576	1,503,145
Sharps ..	"	11,541	383,123	9,309	291,535
Total Flour :	"	1,553,019	47,799,178	1,571,305	48,019,755
Bran -					
Consumed in own works	"	5,560	(a)	10,262	(a)
For sale or addition to stocks	"	266,895	5,534,261	267,376	5,324,299
Pollard -					
Consumed in own works	"	6,801	(a)	12,246	(a)
For sale or additions to stocks	"	308,227	6,457,089	320,318	6,492,368
Screenings ..	"	999	16,763	424	8,932
Wheatmeal Granulated (for Porridge)	"	(b) 2,625	134,129	(b) 3,310	153,024
Semolina ..	"	(b) 5,665	181,427	(b) 7,254	229,964
Macaroni, Vermicelli and Spaghetti (Dry) ..	owts	186,677	882,949	214,140	978,722
Starch, Edible ..	"	(b) 234,982	861,549	(b) 324,061	1,064,708
Flour, Self-raising ..	"	(b) 1,102,480	3,272,607	(b) 1,090,005	3,364,738
Wheatmeal for Stock Feed -					
Consumed in own works	tons	(b) 63,146	(a)	(b) 64,893	(a)
For sale or addition to stocks	"	(b) 63,092	1,733,892	(b) 42,432	1,100,003
Polished Wheat (rice substitute)	owt.	(c)	(c)	(c)	(c)
From Maize -					
Bran ..	tons	(c)	(c)	(c)	(c)
Starch, Edible (Cornflour)	owt.	72,575	432,474	67,705	354,893
Meal - Consumed in own works	"	(b) 49,893	(a)	(b) 55,761	(a)
For sale or addition to stocks ..	"	(b) 231,809	319,042	(b) 239,338	302,031
From Oats -					
Oatmeal for Porridge (including Rolled or Crushed Oats)	"	(b) 322,985	1,416,271	(b) 365,980	1,399,348
Crushed Oats for Stock Feed -					
Consumed in own works	"	(b) 195,143	(a)	(b) 286,692	(a)
For sale or addition to stocks	"	(b) 1,098,625	1,569,091	(b) 1,088,429	1,363,403
From Rice					
Rice (cleaned) ..	"	(b) 916,702	2,948,888	(b) 1,166,027	3,953,715
Flour ..	"	(c)	(c)	8,513	21,570
Meal ..	"	109,382	67,700	143,729	95,114
From Rye - Meal and Flour - Edible					
- Stock Food	"	(b) 32,613	(a)	(b) 18,099	29,300
Split Peas ..	"	(b) 116,799	368,070	(b) 133,587	349,011
Pea Meal ..	"	(b) 11,213	12,739	(b) 10,481	11,621
Stock and Poultry Foods (Cereal)-					
Poultry Pellets ..	tons	(b) 107,602	3,113,566	(b) 152,675	4,438,965
Other prepared ..	"	(b) 309,805	8,950,687	(b) 272,303	7,897,663
Pearl Barley ..	owt.	(b) 46,801	136,770	(b) 42,690	104,611
Prepared Breakfast Foods, all types (including from Wheat, Rice and Maize)	"	(c)	(c)	(b) 691,416	5,822,100
Starch (inedible) ..	"	92,004	513,119	96,929	555,999
Gluten - Dried ..	"	(b) 83,630	861,206	(b) 81,285	838,923
Wet ..	"	(b) 24,332	83,056	(b) 43,887	156,449
Glucose ..	"	220,727	998,575	234,190	1,122,371

(a) Quantity only available.

(b) Includes production in Other Works.

(c) Details not available for publication.

* Short ton of 2,000 lbs.

In the following table, particulars of the principal articles produced from wheat and other grain are given for the years 1938-39, 1945-46 and 1953-54 to 1955-56. Where available, preliminary details for 1956-57 are also shown.

**TABLE 6 : PRINCIPAL ARTICLES PRODUCED FROM WHEAT
AND OTHER GRAIN : AUSTRALIA (a)**

Year	Flour (Wheaten) (b)	Oatmeal for Porridge (including Rolled and Crushed Oats)	Macaroni, Vermicelli and Spaghetti (Dry)	Rice, Cleaned
	Tons of 2000 lb.	Cwt.	Cwt.	Cwt.
1938-39	1,372,732	304,501	71,994	483,339
1945-46	1,218,838	371,721	134,274	520,758
1953-54	1,609,058	400,095	168,378	904,207
1954-55	1,553,019	322,985	186,677	916,702
1955-56	1,571,305	365,980	244,340	1,166,027
1956-57 (c)	1,657,566	308,498	(d)	(d)

Year	Pearl Barley	Split Peas	Starch (Edible)(e)	Starch (Inedible)
	Cwt.	Cwt.	Cwt.	Cwt.
1938-39	38,427	(f)	112,414	67,520
1945-46	63,443	61,125	210,044	52,861
1953-54	45,501	149,396	334,298	90,339
1954-55	46,801	116,799	357,557	92,004
1955-56	42,690	133,587	391,766	96,929
1956-57 (c)	42,683	(d)	465,789	(d)

- (a) Output in all factories.
 (b) Includes Wheatmeal for Baking and Sharps.
 (c) Subject to revision.
 (d) Not yet available.
 (e) From Maize and Wheat.
 (f) Not available.

In the next table, particulars of flour produced in all mills are given by States for the years 1938-39, 1945-46 and 1953-54 to 1956-57.

TABLE 7 : PRODUCTION OF FLOUR (a) IN ALL FACTORIES : AUSTRALIA
(Tons of 2,000 lb.)

Year	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Total
1938-39	547,162	436,829	84,314	146,262	138,583	19,582	1,372,732
1945-46	451,895	315,525	96,984	164,986	166,791	22,657	1,218,838
1953-54	603,575	473,842	138,524	164,907	197,654	30,556	1,609,058
1954-55	586,549	455,906	157,904	143,840	178,851	29,969	1,553,019
1955-56	571,084	454,628	169,793	154,327	193,490	27,983	1,571,305
1956-57(b)	608,443	500,329	169,114	165,986	184,860	28,834	1,657,566

- (a) Includes wheatmeal for Baking and sharps.
 (b) Subject to revision.

4. **EMPLOYMENT:** The number of persons employed shown in Tables 1, 2, 9 and 10 has been adjusted to represent the average employment over the whole year in those cases where short time was worked. In the following table, the factories have been classified according to the average number employed during the actual period worked for the years 1938-39, 1945-46 and 1953-54 to 1955-56.

TABLE 8 : FLOUR AND OTHER GRAIN MILLS : CLASSIFIED ACCORDING TO PERSONS EMPLOYED :**AUSTRALIA**

Number of Persons Employed in each Factory	1938-39		1945-46		1953-54		1954-55		1955-56	
	No. of Fac-tories	No. Em-ployed	No. of Fac-tories	No. Em-ployed	No. of Fac-tories	No. Em-ployed	No. of Fac-tories	No. Em-ployed	No. of Fac-tories	No. Em-ployed
Under 4	25	59	15	28	21	38	19	31	22	42
4	10	40	7	28	8	32	6	24	5	26
5 to 10	57	411	52	385	43	337	50	380	44	326
11 to 20	46	692	60	927	53	795	45	701	48	752
21 to 50	75	2,288	77	2,454	79	2,576	78	2,559	74	2,426
51 to 100	14	988	23	1,545	35	2,195	32	2,002	34	2,163
Over 100	8	1,465	10	1,702	12	2,178	12	2,176	12	2,218
TOTAL:	235	5,943	244	7,069	251	8,151	242	7,873	239	7,947
Average Number Employed per Factory	25		29		32		33		33	

In Table 9 the number of males and females employed are shown separately according to the nature of their employment for the year 1955-56.

TABLE 9 : FLOUR AND OTHER GRAIN MILLS : MALES AND FEMALES EMPLOYED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA : 1955-56

Occupational Status	Flour Mills		Other Grain Mills	
	Males	Females	Males	Females
Working Proprietors ..	29	2	15	-
Managerial and Clerical Staff, including Salaried Managers and Working Directors ..	498	242	281	179
Chemists, Draftsmen and Other Laboratory and Research Staff ..	61	23	66	19
Foremen and Overseers ..	169	1	147	25
Workers in Factory (skilled and unskilled)	3,440	39	1,794	828
Garters (excluding Delivery only), Messengers and Persons working regularly at home ..	44	-	16	-
TOTAL:	4,241	307	2,319	1,051

In Table 10 the numbers of males employed are shown for the years 1938-39, 1945-46 and 1953-54 to 1955-56 according to the nature of their employment, but because of the change in classification of occupational status adopted in 1945-46 group comparison between 1938-39 and the later years shown is not possible.

TABLE 10 : FLOUR AND OTHER GRAIN MILLS : PERSONS EMPLOYED : MALES CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	1938-39	1945-46	1953-54	1954-55	1955-56
- Males -					
Working Proprietors ..	102	70	55	53	44
Managerial and Clerical Staff, including Salaried Managers and Working Directors ..	4,716	624	779	789	779
Chemists, Draftsmen and other Laboratory and Research Staff ..		43	117	126	127
Foremen and Overseers ..		227	312	310	316
Workers in Factory (skilled and unskilled)		4,580	5,397	5,203	5,234
Garters (excluding Delivery only), Messengers and Persons working regularly at home ..	127	65	48	50	60
Total Males:	4,945	5,609	6,708	6,531	6,560
Total Females:	881	1,390	1,333	1,311	1,358
TOTAL PERSONS:	5,826	6,999	8,041	7,842	7,918

In the following table the numbers of persons employed in June for each of the years 1939, 1946 and 1954 to 1956 are shown according to age and sex distribution.

**TABLE 11 : FLOUR AND OTHER GRAIN MILLS : DISTRIBUTION OF EMPLOYEES
ACCORDING TO AGE AND SEX : AUSTRALIA
(Excluding Working Proprietors)**

June	Under 16 years	16 years	17 years	18 years	19 years	20 years	Total 16 to 20 years	21 years and over	Total All Ages
FLOUR MILLS									
Males									
1939 (a)	23	(b)	(b)	(b)	(b)	(b)	360	3,152	3,535
1946 (a)	14	55	77	77	53	48	310	3,974	4,298
1954 (o)	5	27	35	48	40	35	185	3,960	4,150
1955 (o)	4	21	27	44	40	33	165	4,036	4,205
1956 (o)	11	20	39	56	50	41	206	4,057	4,274
Females									
1939 (a)	3	(b)	(b)	(b)	(b)	(b)	62	132	197
1946 (a)	4	16	23	13	28	33	113	170	292
1954 (o)	6	18	23	13	11	11	76	193	280
1955 (o)	6	12	15	28	16	13	84	203	293
1956 (o)	3	10	15	22	26	20	93	215	311

OTHER GRAIN MILLS

Males									
1939 (a)	24	(b)	(b)	(b)	(b)	(b)	214	11,124	1,362
1946 (a)	29	44	30	21	19	34	148	1,789	1,966
1954 (o)	19	17	26	20	35	20	118	2,251	2,388
1955 (o)	16	16	19	27	25	23	110	2,165	2,291
1956 (o)	22	14	26	26	27	19	112	2,175	2,309
Females									
1939 (a)	66	(b)	(b)	(b)	(b)	(b)	368	325	759
1946 (a)	28	44	36	59	41	86	266	842	1,136
1954 (o)	21	36	44	54	31	50	215	829	1,065
1955 (o)	17	37	41	57	40	51	226	793	1,036
1956 (o)	27	35	45	48	46	41	215	845	1,087

(a) Pay day nearest 15th June. (b) Details not collected. (c) Last pay day in June.

5. **POWER EQUIPMENT:** Statistics of the power equipment installed are given in the next table. The details include the rated horsepower of engines ordinarily in use together with those in reserve or idle.

**TABLE 12 : FLOUR AND OTHER GRAIN MILLS : TYPES AND RATED HORSEPOWER OF ENGINES:
AUSTRALIA**

Class of Engine	Rated Horsepower of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1954-55	1955-56	1938-39	1954-55	1955-56
Steam - Reciprocating ..	6,190	615	470	786	420	340
Turbine ..	960	975	960	-	7	-
Internal Combustion -						
Gas ..	3,731	170	170	280	-	-
Petrol or Other Light Oils ..	243	515	344	300	809	938
Heavy Oils ..	5,176	3,233	2,611	846	2,972	3,108
Water ..	938	830	330	-	-	-
Total, Prime Movers:	17,238	6,338	5,335	2,212	4,108	4,386
Motors driven by electricity-						
Purchased ..	19,791	64,461	66,216	1,984	8,278	8,011
Own Generation ..	(a) 3,573	(a) 2,329	(a) 1,770	74	845	855
Total, Electricity:	23,364	66,790	67,986	2,058	9,123	8,866
TOTAL POWER EMPLOYED:	37,029	70,799	71,601	4,270	13,231	13,252

(a) These motors are driven by electricity generated by Prime Movers and to avoid duplication are excluded from statistics of total power employed.

6. POWER, FUEL AND LIGHT, ETC. USED: Details of the quantities and values of the various items of power, fuel and light used are shown for the years 1938-39, 1954-55 and 1955-56 in the following table.

TABLE 13 : FLOUR AND OTHER GRAIN MILLS : POWER, FUEL AND LIGHT, ETC. USED : AUSTRALIA

Particulars	Unit of Quantity	Quantity			Value (£)		
		1938-39	1954-55	1955-56	1938-39	1954-55	1955-56
Power, Fuel and Light -							
Coal - Black	ton	44,317	22,948	22,493	58,932	126,559	116,609
Brown	"	222	14,774	13,856	348	29,910	29,661
Brown Coal Briquettes	"	-	157	153	-	960	812
Coke	"	3,252	1,500	1,492	5,322	10,655	11,001
Wood	"	34,755	2,036	1,622	18,953	4,690	4,373
Fuel Oil	'000 gal.	1,293	1,588	1,624	34,198	129,635	137,580
Electricity	"	(a)	(a)	(a)	168,595	981,322	1,030,502
Gas	"	(a)	(a)	(a)	11,588	44,345	49,517
Other (Charcoal, etc.)	"	(a)	(a)	(a)	1,344	3,587	5,053
Water and Lubricating Oil used	"	(a)	(a)	(a)	30,298	73,673	83,454
TOTAL:		(a)	(a)	(a)	330,078	1,405,336	1,468,562

(a) Value only available.

7. VALUE OF LAND, BUILDINGS, PLANT AND MACHINERY: Particulars of the book values of premises occupied and plant installed at 30th June for the years 1938-39, 1945-46 and 1953-54 to 1955-56 are shown in the next table. Details of the values of additions and replacements made and depreciation allowed during the same period are also shown. It should be noted that the amounts shown are those recorded by factories which were operating during each year and that changes in their number, as well as other factors, affect comparison from year to year.

TABLE 14 : FLOUR AND OTHER GRAIN MILLS : VALUE OF LAND AND BUILDINGS

PLANT AND MACHINERY, ETC. : AUSTRALIA
(£)

Year	Book Value as at 30th June (a)		Additions and Replacements made during year		Depreciation allowed during year	
	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery
1938-39	3,091,728	2,625,382	112,563	117,947	32,064	151,868
1945-46	3,424,188	2,729,522	80,408	323,567	36,278	200,757
1953-54	6,741,148	7,867,039	348,268	1,364,790	45,984	574,502
1954-55	7,155,189	8,281,980	460,848	1,021,093	44,337	615,639
1955-56	8,030,701	8,881,094	453,274	948,733	53,092	621,359

(a) Includes estimated value of rented premises and machinery.

8. EXTERNAL TRADE: The quantities and value of exports of Flour and some other products of Flour Mills and Other Grain Mills are given for the years 1938-39, 1945-46 and 1953-54 to 1955-56 in the following table.

TABLE 15 : EXPORTS OF FLOUR AND OTHER CEREAL PRODUCTS : AUSTRALIA

Particulars	1938-39	1945-46	1953-54	1954-55	1955-56
<u>QUANTITY</u>					
Flour, Wheaten, Plain White (tons of 2000 lb.)	725,065	518,376	761,268	655,682	666,874
Rice - Uncleaned cwt.	3,023	307,923	16,748	55,367	179,297
Cleaned, whole "	248,081	95,304	568,999	308,764	459,513
Barley, Pearl and Scotch "	5,065	23,227	4,042	2,132	3,180
Cornflour "	1,460	20,450	11,093	11,699	9,376
Oatmeal, Wheatmeal and Rolled Oats(for porridge) "	21,386	68,394	169,558	164,204	246,108
Semolina "		(a)	18,961	11,595	37,100
Wholemeal (for baking) "		163,000	210,335	264,233	77,353
Breakfast Foods, n.e.i. "	3,934	74,599	28,331	19,370	17,452
Other Prepared Cereals "		8,329	40,083	30,871	19,545
Macaroni and Vermicelli "	9,113	8,995	4,495	4,669	4,049

VALUE

(£A. f.o.b. port of shipment)

Flour, Wheaten, Plain White	4,540,210	11,336,621	29,682,154	20,306,837	19,705,595
Rice - Uncleaned ..	2,630	341,276	75,354	225,657	581,140
Cleaned, Whole ..	181,832	239,558	2,830,113	1,277,229	1,553,358
Barley, Pearl and Scotch ..	2,640	53,159	16,437	8,201	11,961
Cornflour ..	1,317	54,394	72,136	52,117	32,745
Oatmeal, Wheatmeal and Rolled Oats(for porridge) }	15,335	170,825	284,218	329,616	442,048
Semolina ..		(a)	53,209	49,237	77,309
Wholemeal (for baking) }		165,197	406,238	413,799	130,918
Breakfast Foods, n.e.i. }	15,449	128,095	217,992	160,856	149,923
Other Prepared Cereals }		21,896	132,042	84,323	72,787
Macaroni and Vermicelli	13,249	35,414	29,343	29,233	21,651

(a) Not separately recorded.

S.R. CARVER
COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T. 26th SEPTEMBER, 1957.

LIST OF INDUSTRIES INCLUDED IN THE SERIES.

- No. 1. CEMENT AND CEMENT GOODS.
- .. 2. BRICKS, TILES, POTTERY AND EARTHENWARE.
- .. 3. CHEMICALS, DRUGS AND MEDICINES.
- .. 4. WHITE LEAD, PAINTS AND VARNISH.
- .. 5. CHEMICAL FERTILIZERS.
- .. 6. SOAP AND CANDLES.
- .. 7. BASIC METAL INDUSTRIES.
- .. 8. METAL FABRICATING INDUSTRIES.
- .. 9. MOTOR VEHICLES AND CYCLES.
- .. 10. COTTON MILLS.
- .. 11. WOOLLEN MILLS.
- .. 12. ROPE AND CORDAGE.
- .. 13. TANNERIES.
- .. 14. BOOTS AND SHOES.
- .. 15. CLOTHING (INCLUDING HOSIERY AND KNITTED GOODS).
- .. 16. FLOUR AND OTHER GRAIN MILLS.
- .. 17. BISCUITS.
- .. 18. CONFECTIONERY.
- .. 19. JAM, FRUIT, VEGETABLES, PICKLES, SAUCES, CONDIMENTS, ETC.
- .. 20. BACON CURING.
- .. 21. BUTTER, CHEESE AND CONDENSED, CONCENTRATED, ETC., MILK.
- .. 22. AERATED WATERS AND CORDIALS.
- .. 23. MEAT AND FISH PRESERVING.
- .. 24. BREWERIES.
- .. 25. WINERIES AND DISTILLERIES.
- .. 26. TOBACCO, CIGARS AND CIGARETTES.
- .. 27. SAWMILLING.
- .. 28. PULP AND PAPER MAKING.
- .. 29. RUBBER WORKS.
- .. 30. BROOMS AND BRUSHES.
- .. 31. ELECTRIC LIGHT AND POWER WORKS.
- .. 32. GAS WORKS.
- .. 33. PLASTIC MOULDING AND PRODUCTS.