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MANUFACTURING INDUSTRIES,

1945-46.

No. 36. WINERIES AND DISTILLERIES.

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BY

ROLAND WILSON, C.B.E., B. COM., D. PHIL., PH. D.,
COMMONWEALTH STATISTICIAN.

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WINERIES AND DISTILLERIES

PREFACE

1. GENERAL: This is the first issue released in this series in respect of those industries associated with the production of wine and the distillation of spirits.

All publications in this series have been completed with the exception of: No. 10 Motor Vehicles and Cycles.

2. CLASSIFICATION OF FACTORIES: The classification of factories in Australia is based on the nature of the product. Where two or more distinct types of industrial activity are carried on in one establishment, factory proprietors are requested to furnish separate returns for each activity. In some instances, however, this is not practicable, and in such cases there is no alternative but to classify the factory according to its predominant activity. This difficulty is most acute in the Metal Trades industries (e.g. Engineering firms also producing Agricultural Implements, Stoves and Ovens, and/or Brass and Copper products), but it is also to be found in factories concerned with the treatment or manufacture of Skins, Leather, Clothing, Wood products and some other articles. In consequence, and to an extent which will vary with individual industries, the figures may include the subsidiary but extraneous activities of those establishments included in the industry, while they will exclude relevant activities which are subsidiary to the predominant activity of establishments classified to some other industry. This qualification is not important in the case of Wineries and Distilleries the industry with which this summary is concerned.
3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in Part I of the annual Production Bulletin.

Briefly, a "factory" is taken to be an industrial establishment in which four or more hands are employed or in which power other than hand is used.

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, and retailing storemen. The figures do include, however, proprietors who work in their own factories as well as "out-workers".

The value of output is the wholesale selling value at the factory of goods made or processed during the year, including by-products. 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 of output minus the cost of raw materials, containers, power, fuel, light, lubricants, water, tools replaced and repairs to plant, and represents the value added in the process of manufacture within the factories. As full details of the costs of production are not collected, the amount of profit resulting from operations cannot be ascertained. The value of production, therefore, is the source from which such items as wages, interest, depreciation, taxation, insurance, advertising and other sundry charges are met.

ROLAND WILSON

Commonwealth Statistician

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1. INTRODUCTION: The production of wine and the distillation of spirits has been an established industry of Australia for many years. In relation to other industrial activities its importance may not be so great, but nevertheless, it forms an integral part of Australia's economy, both rural and industrial.

2. SUMMARY OF STATISTICS: The following table furnishes a summary of the principal statistics of the factories engaged in the making of Wine and the distillation of Spirits in Australia for the years 1935-36 to 1945-46:-

TABLE 1. WINERIES AND DISTILLERIES : AUSTRALIA

Year	Number of Factories	Persons Employed (a)	Salaries & Wages Paid (b)	Power, Fuel and Light, etc. Used.	Value of Other Materials etc. Used (c)	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1935-36	125	1,040	213	43	1,060	807	2,710
1936-37	120	900	199	40	1,461	735	2,240
1937-38	125	1,092	229	53	1,709	804	2,626
1938-39	135	1,133	246	50	1,421	811	2,290
1939-40	131	1,119	256	55	1,366	754	2,175
1940-41	136	1,205	265	56	1,470	801	2,327
1941-42	116	1,259	312	94	1,547	954	2,595
1942-43	129	1,300	371	152	2,420	1,126	3,090
1943-44	134	1,539	444	170	2,671	1,020	3,061
1944-45	136	1,543	449	126	2,005	902	3,113
1945-46	130	1,771	519	130	2,302	1,333	4,445

(a) Includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors. (c) Includes value of containers, packing, etc., tools replaced and repairs to plant.

In the following table particulars of these Industries are given for each State during the year 1945-46:-

TABLE 11. WINERIES AND DISTILLERIES : STATES, 1945-46

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia
	No.	No.	No.	No.	No.	No.	No.
Number of Factories	11	36	5	60	10	-	130
Number Employed (a)-							
Males ..	30	339	130	903	40	-	1,610
Females ..	10	29	4	117	1	-	161
Total ..	200	360	134	1,020	41	-	1,771
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries and Wages Paid (b) ..	(c)	(c)	46,506	202,034	9,000	-	519,140
Power, Fuel & Light etc. used ..	(c)	(c)	19,312	40,040	1,227	-	130,460
Materials etc. used ..	(c)	(c)	149,642	1,744,400	47,945	-	2,901,779
Production ..	(c)	(c)	139,104	562,147	30,120	-	1,332,739
Output ..	(c)	(c)	300,050	2,355,465	79,512	-	4,444,906
Land and Buildings	(c)	(c)	70,061	539,355	24,506	-	1,065,066
Plant & Machinery	(c)	(c)	122,754	377,000	14,647	-	990,451
H.P. of Engine	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Ordinarily in use ..	304	1,009	332	3,006	154	-	6,135

(a) Includes Working Proprietors.
 (b) Excludes amounts drawn by Working Proprietors.
 (c) Not available for Publication. These figures are included in the total for Australia.

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- TABLE 111. AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE : AUSTRALIA

TABLE 111. AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE : AUSTRALIA

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

- TABLE IV. WINERIES AND DISTILLERIES : AUSTRALIA 1945-46

Particulars	Unit of Quantity	Quantity	Value
Materials Used -			
<u>Winemaking</u> - Fresh Grapes - From own vineyard	ton	15,642	157,317
- Purchased	"	124,090	1,290,577
- Dried Grapes	"	1,012	32,901
- Spirits used for Wine Fortifying			
- Own Distillation	pf. gal.	1,325,239	(Q'ty only)
- Purchased	"	540,224	237,027
- Concentrated Grape Must Added	gal.	32,800	(Q'ty only)
<u>Distilling</u> - Distillation Wine - Used for manufacture of Spirits for Wine Fortifying	"	10,031,104	(Q'ty only)
- Used for manufacture of Brandy and other Spirits	"	2,630,394	(Q'ty only)
Malt	bushels	332,026	142,350
Barley	"	203,734	54,851
Maize	"	(a)	(a)
Wheat	"	34,754	8,964
Molasses	cwt.	1,185,000	131,740
Sugar (Raw)	ton	(a)	(a)
<u>Articles Produced -</u>			
Beverage Wine - Unfortified	gal.	2,393,825	337,797
- Fortified	"	8,756,013	1,869,527
Total Beverage Wine Made:		11,149,838	2,207,324
<u>Distillation Wine</u> - Used for manufacture of Spirits for wine fortifying	gal	9,302,202	-
- Used for manufacture of Brandy and other spirits	"	2,525,447	-
- Estimated quantity obtained from Mares from other firms	"	302,975	-
- Balance Made	"	2,001,556	-
Total Distillation Wine Made:		14,792,000	-

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TABLE IV. WINERIES AND DISTILLERIES : AUSTRALIA 1945-46 (Continued)

Particulars	Unit of Quantity	Quantity	Value
Articles Produced (continued) -			£.
Concentrated Grape Must ..	gal.	(a)	(a)
Spirits Distilled -			
- Spirits made for Wine Fortifying - Own Use	pf. gal.	1,323,199	(Q'ty only)
- For Sale	" "	680,097	240,799
Brandy ..	" "	574,631	229,640
Rum ..	" "	803,946	90,270
Whisky ..	" "	(a)	(a)
Gin ..	" "	602,664	170,920
Methylated Spirits ..	" "	3,323,790	169,499
Power Alcohol ..	" "	(b) 5,450,040	(b) 423,344
Other Spirits ..	" "	446,517	167,377
Argol ..	lb.	456,759	21,150

(a) Not available for publication. (b) Partly estimated.

In the following table, particulars of the materials used and articles produced are shown for each of these industries for the years indicated.

TABLE V. WINERIES AND DISTILLERIES, MATERIALS USED AND ARTICLES PRODUCED : AUSTRALIA

Particulars	Unit of Quantity	1941-42	1942-43	1943-44	1944-45	1945-46
WINERIES - MATERIALS USED						
Grapes - Fresh -						
from own vineyards	Ton	13,037	17,560	15,593	11,029	15,642
purchased	"	75,057	91,072	94,642	62,064	129,090
Grapes - Dried	"	576	1,000	607	1,640	1,012
Spirits used for Wine Fortifying						
- own distillation	pf. gal.	526,439	823,615	1,117,739	722,954	1,325,239
- purchased	" "	491,740	723,331	574,046	472,310	640,224
Concentrated Grape Must added	gal.	23,590	42,530	31,442	31,302	32,800
WINERIES - WINE PRODUCED						
Beverage Wine						
Unfortified ..	gal.	2,397,657	2,604,233	2,367,095	1,424,270	2,393,025
Fortified (a) ..	"	4,960,977	7,401,370	7,361,217	5,834,755	8,756,013
Total Beverage Wine:		7,358,634	10,005,603	9,728,312	7,259,025	11,149,038
Distillation Wine -						
Used for manufacture of spirits for wine fortifying	"	4,323,153	5,625,410	7,224,976	5,416,303	9,362,262
Used for manufacture of Brandy and other spirits	"	3,007,090	2,939,870	1,023,677	1,403,505	2,525,447
Estimated quantity obtained from Marcs from other firms	"	399,050	124,940	37,730	264,472	802,875
Balance made for sale or addition to stock	"	917,067	1,093,032	1,210,372	503,959	2,001,556
Total Distillation Wine:		8,647,160	9,783,250	10,296,755	7,600,239	14,792,000
Grand Total Beverage and Distillation:		16,005,794	19,788,853	20,025,067	14,869,264	25,941,038
Concentrated Grape Must	"	12,026	23,295	15,902	17,600	23,401
DISTILLERIES - MATERIALS USED						
Distillation Wine used for Manufacture of -						
Spirits for Wine Fortifying	gal.	4,962,072	6,234,339	7,879,271	6,306,650	10,031,104
Brandy and other Spirits	"	4,190,493	3,549,901	1,967,636	1,998,361	2,630,394
Malt ..	bus.	206,601	229,020	250,612	261,792	332,026
Barley ..	"	77,940	146,217	169,307	137,309	203,734
Wheat ..	"	17,145	(b)	(b)	679,320	34,754
Maize ..	"	(b)	(b)	(b)	(b)	(b)
Rye ..	"	(b)	-	-	-	-
Molasses ..	cwt.	1,046,103	1,491,370	1,350,965	1,321,306	1,105,090
Sugar (c) ..	ton	30,755	66,150	53,935	23,025	23,460

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TABLE V. WINERIES & DISTILLERIES, MATERIALS USED & ARTICLES PRODUCED, AUSTRALIA (Continued)

Particulars	Unit of Quantity	1941-42	1942-43	1943-44	1944-45	1945-46
DISTILLERIES - SPIRITS PRODUCED						
Spirits Distilled -						
for wine fortifying(c)	Pf.gal.	1,023,168	1,217,037	1,188,494	1,282,320	2,007,096
Brandy ..	" "	567,670	588,472	523,497	421,996	574,631
Rum ..	" "	793,751	909,374	872,551	767,209	803,946
Whisky ..	" "	(b)	(b)	(b)	(b)	(b)
Gin ..	" "	372,930	491,377	626,700	743,330	602,664
Methylated ..	" "	6,907,265	8,346,157	5,797,378	4,340,054	3,627,790
Power Alcohol ..	" "	7,442,249	11,544,050	10,976,234	7,425,112	6,450,848
Other Spirits ..	" "	66,820	64,740	33,750	45,969	70,751
Argol ..	lb.	(b)	474,357	270,261	244,208	456,759

- (a) Including fortifying spirit added. (b) Not available for publication. (c) Source
(d) Partly estimated. (e) Excluding spirits distilled on commission. Excise Return.

5. **CONSUMPTION OF WINE:** The quantity of wine consumed in Australia during the pre-war years was about 55 per cent of the total beverage wine produced leaving a balance of about 45 per cent which was exported overseas, principally to the United Kingdom.

Australians are not a wine-drinking people; their average pre-war consumption being about half a gallon per head per annum. During the war years, however, consumption increased, this being attributed to the effect of the restriction placed on the production of beer between March, 1942 and March, 1946, the presence in Australia of large numbers of defence personnel, and to the increase in the available supplies due to the restriction of exports because of the war-time difficulties of shipping. There has been a decline in consumption since the peak reached in 1942-43. Details of the data used in calculating consumption are given in the following table:-

TABLE VI. CONSUMPTION OF WINE, AUSTRALIA

Particulars	1930-39	1941-42	1942-43	1943-44	1944-45	1945-46
	Gals.	Gals.	Gals.	Gals.	Gals.	Gals.
Production of Beverage Wine (a) ..	7,572,064	7,356,634	10,005,611	9,720,312	7,259,025	11,149,838
Imports of Wine ..	41,210	3,106	62	755	100	519
<u>Total Available Supplies</u>	7,614,074	7,359,740	10,005,673	9,729,067	7,259,125	11,150,357
Exports of Wine (b)	3,729,677	1,402,340	824,297	1,240,471	1,555,798	1,790,914
<u>Balance:</u>	3,884,397	5,957,400	9,261,376	8,488,596	5,703,327	9,359,443
Net Withdrawal from stocks (c) ..	651,016	1,024,620	(-)45,432	(-) 7,223	2,956,453	2,250,211
<u>Balance available for consumption</u>	4,535,413	6,982,100	9,215,944	8,473,373	8,659,780	7,109,232
Average consumption per head	0.65	0.98	1.20	1.17	1.18	0.96

(a) Includes fortifying spirit added.

(b) Includes wine exported as ships' stores.

(c) Withdrawal from stocks of Australian Wine in Bond.

Minus sign (-) signifies a net increase in stocks.

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6. CONSUMPTION OF WINE, SPIRITS AND BEER: In the following table details are given of the per capita consumption of wine, spirits and beer for the years shown above.

TABLE VII. CONSUMPTION OF WINE, SPIRITS AND BEER : AUSTRALIA

Item	Unit of Quantity	Per Capita consumption (a)					
		1930-39	1941-42	1942-43	1943-44	1944-45	1945-46
Wine	Gal.	0.65	0.90	1.20	1.17	1.10	0.96
Spirits	Pf.gal.	0.22	0.20	0.22	0.23	0.23	0.33
Beer	Gal.	12.13	13.76	12.59	13.00	12.90	13.45

(a) Control of Liquor Order operated between March, 1942 and March, 1946.

7. EMPLOYMENT: The number of employees in Tables I, II, IX and X 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 for the years 1930-39 and 1942-43 to 1945-46 according to the average number employed during the actual period worked.

TABLE VIII. FACTORIES CLASSIFIED ACCORDING TO HAND EMPLOYED : AUSTRALIA

No. of Persons Employed in each Fac.	1930-39		1942-43		1943-44		1944-45		1945-46	
	No. of Fac-	No. Employed	No. of Fac-	No. Employed	No. of Fac-	No. Employed	No. of Fac-	No. Employed	No. of Fac-	No. Employed
Under 4	52	100	49	96	56	115	59	113	53	105
4	11	44	11	44	8	32	8	32	8	32
5 to 10	40	285	32	229	27	198	28	198	29	201
11 to 20	16	224	14	200	20	255	16	242	22	335
21 to 50	15	404	19	578	16	572	19	600	19	641
51 to 100	1	57	4	275	5	301	6	455	7	403
Over 100	-	-	-	-	-	-	-	-	-	-
TOTAL	135	1,194	129	1,431	134	1,593	136	1,640	136	1,727
Average No. employed per Factory	9		11		12		12		13	

Further details of employment in the industrial group - Wineries and Distilleries - are furnished in the next five tables. In Table IX the numbers of males employed in each of the Industries Wineries and Distilleries are shown according to the nature of their employment for the year 1945-46.

TABLE IX. MALES EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION : AUSTRALIA 1945-46

Grade of Occupation	Wineries (a)	Distilleries	Total
Males:	No.	No.	No.
Working Proprietors ..	44	-	44
Managerial and Clerical Staff including Salaried Managers and Working Directors	131	42	173
Chemists, Draftsmen and other Laboratory and Research Staff ..	30	22	52
Foremen and Overseers ..	64	10	74
Workers in Factory (Skilled and Unskilled)	903	346	1,249
Carters (excl. Delivery only) messengers and Persons Working Regularly at Home ..	9	1	10
Total Males:	1,181	421	1,602
Total Females:	133	28	161
Total Personnel	1,314	449	1,763

(a) Includes details for South Australia of Distilleries.

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In Table X the numbers of males and females employed are shown for the years 1930-39, 1944-45 and 1945-46 according to the nature of their employment but because of the change in classification, comparison between 1945-46 and earlier years is not wholly effective.

TABLE X. PERSONS EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION : AUSTRALIA

Grade of Occupation	Males			Females		
	1930-39	1944-45	1945-46	1930-39	1944-45	1945-46
	No.	No.	No.	No.	No.	No.
Working Proprietors ..	47	40	44	-	1	1
Managers and Overseers ..	92	123	1	-	2	1
Clerical Staff ..	70	50	1,556	41	87	160
Engine Drivers and Firemen ..	60	74	1	-	-	-
Workers, Skilled and Unskilled	786	1,044	8	8	96	-
Other (Carters and Messengers)	21	23	10	-	-	-
TOTAL:	1,064	1,362	1,610	49	196	161

The next table shows the actual number of persons employed (excluding Working Proprietors) in the combined industrial group - Wineries and Distilleries on the pay-day nearest to the 15th of each month for the years 1944-45 and 1945-46:-

TABLE XI. PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH : AUSTRALIA
(Working Proprietors Excluded)

Month	1944-45			1945-46		
	Males	Females	Total	Males	Females	Total
	No.	No.	No.	No.	No.	No.
July ..	1,301	193	1,494	1,352	160	1,521
August ..	1,280	186	1,466	1,359	180	1,539
September ..	1,260	186	1,454	1,304	168	1,532
October ..	1,273	198	1,471	1,307	163	1,520
November ..	1,266	187	1,453	1,410	155	1,565
December ..	1,261	191	1,452	1,430	149	1,587
January ..	1,217	186	1,403	1,445	150	1,595
February ..	1,235	181	1,416	1,602	140	1,740
March ..	1,502	190	1,690	1,919	155	2,071
April ..	1,490	192	1,680	1,992	155	2,147
May ..	1,329	175	1,504	1,760	137	1,897
June ..	1,269	171	1,440	1,644	133	1,777

The numbers of persons employed on or about the 15th June, 1946, are distributed according to age and sex in Table XII. The numbers of persons employed aged 16 to 20 years were collected on this occasion in single year groups, and this procedure will be continued in future. It is not possible to give a comparison on this basis for previous years, but the comparison on the old basis has been retained, as shown in Table XIII.

TABLE XII. DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA 1 JUNE, 1946
(Excluding Working Proprietors)

Sex	Under 16 yrs.	16 yrs.	17 yrs.	18 yrs.	19 yrs.	20 yrs.	21 yrs. & over	Total
WINERIES (a)								
Males	2	6	9	16	16	15	1,125	1,189
Females	2	8	5	12	6	5	50	96
Total	4	14	14	28	22	20	1,183	1,285
DISTILLERIES								
Males	3	7	4	5	3	7	426	455
Females	1	1	1	5	2	4	23	37
Total	4	8	5	10	5	11	449	492
TOTAL								
Males	5	13	13	21	19	22	1,551	1,644
Females	3	9	6	17	8	9	81	133
Total	8	22	19	38	27	31	1,632	1,777

(a) Includes details for Distilleries in South Australia.

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TABLE XIII. DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE & SEX : AUSTRALIA

Year	Males				Females				Persons			
	Under 16 years	16 & under 21 yrs	Adults	Total	Under 16 years	16 & under 21 yrs	Adults	Total	Under 16 years	16 & under 21 yrs	Adults	Total
1939	8	79	902	989	1	11	36	48	9	90	930	1,037
1940	6	80	932	1,018	2	10	40	52	8	90	972	1,070
1941	18	92	1,045	1,155	3	19	46	68	21	111	1,091	1,223
1942	22	91	961	1,094	3	27	73	103	25	110	1,054	1,197
1943	13	91	1,005	1,109	1	52	121	174	14	143	1,206	1,363
1944	17	80	1,205	1,390	3	55	129	187	20	143	1,414	1,577
1945	16	80	1,167	1,269	4	41	126	171	20	127	1,293	1,440
1946	5	88	1,551	1,644	3	49	61	133	8	137	1,532	1,777

8. **POWER EQUIPMENT:** Statistics of the power equipment of the factories included in this group are given in the next table. The details given include the rated horsepower of engines ordinarily in use together with those in reserve or idle for the years 1939-39, 1944-45 and 1945-46:-

TABLE XIV. TYPES AND RATED HORSEPOWER OF ENGINES : AUSTRALIA

Class of Engine	Rated H.P. of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1939-39	1944-45	1945-46	1939-39	1944-45	1945-46
Steam - Reciprocating ..	H.P. 854	H.P. 1,440	H.P. 890	H.P. 348	H.P. 209	H.P. 91
- Turbine ..	0	-	-	-	-	-
Internal Combustion -						
Gas ..	20	24	6	-	6	-
Petrol or Other Light Oils ..	306	332	421	26	37	90
Heavy Oils ..	399	420	309	-	6	26
Water ..	-	10	10	-	-	-
Total Prime Movers:	1,595	2,224	1,716	374	250	207
Motors Driven by Electricity						
Purchased ..	2,801	4,768	4,469	262	324	114
Own Generation ..	664	1,133	1,044	25	121	25
Total Electricity:	3,465	5,901	5,513	287	445	139
TOTAL POWER USED (a):	4,396	6,092	6,105	661	703	346

(a) Without Duplication.

9. **POWER, FUEL & LIGHT, ETC. USED:** Details of the quantities and values of the various items of Power, Fuel and Light used in Vineries and Distilleries, are shown in the following table for the years 1939-39, 1944-45 and 1945-46

TABLE XV. POWER, FUEL AND LIGHT, ETC. USED : AUSTRALIA

Particulars	Unit of Quantity	Quantity			Value		
		1939-39	1944-45	1945-46	1939-39	1944-45	1945-46
Power, Fuel & Light -					£.	£.	£.
Coal - Black ..	ton	13,793	35,790	25,807	19,616	64,366	45,679
- Brown ..	"	-	-	-	-	-	-
Coke ..	"	1,663	2,395	4,472	1,005	3,430	8,040
Wood ..	"	25,761	22,900	23,570	15,247	24,793	32,906
Fuel Oil ..	gallon	457,543	316,501	17,650	8,016	6,105	1,064
Tar (Fuel) ..	(a)	(a)	(a)	734,425	(b)	(b)	9,020
Electricity ..	-	(c)	(c)	(c)	5,700	12,799	13,399
Gas ..	-	(c)	(c)	(c)	20	141	180
Other (Charcoal, etc.) ..	-	(c)	(c)	(c)	12	311	5,338
Water & Lubricating Oil Used ..	-	(c)	(c)	(c)	7,930	14,400	13,942
TOTAL:		(c)	(c)	(c)	57,642	126,433	130,468

- (a) Not available.
 (b) Included with Other (Charcoal, etc.)
 (c) Value only available.

WINERIES AND DISTILLERIES

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10. VALUE OF LAND & BUILDINGS, PLANT & MACHINERY: Particulars of the book values of premises occupied and plant used in Wineries and Distilleries at the 30th June for each of the eight years ended 1946 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 factorics which were operating during each year and that changes in their number as well as other factors, affect comparison from year to year.

TABLE XVI. VALUE OF LAND & BUILDINGS, PLANT & MACHINERY, ETC.: AUSTRALIA

Year	Book Value as at 30th June (a)		Additions & 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
	£.	£.	£.	£.	£.	£.
1930-39	1,002,226	916,135	39,714	100,372	21,346	50,901
1939-40	980,389	916,432	11,596	45,202	23,692	54,309
1940-41	904,619	923,506	12,737	63,155	19,700	52,705
1941-42	1,019,493	967,049	24,177	59,165	19,375	62,079
1942-43	1,020,920	995,000	15,741	69,428	21,300	65,100
1943-44	1,094,500	1,243,373	64,963	307,026	21,524	84,506
1944-45	1,120,446	1,241,319	32,496	62,501	55,125	102,770
1945-46	1,065,066	920,451	23,460	125,735	49,100	61,336

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

11. EXTERNAL TRADE: The quantities and values of imports and exports of Wine and Spirits are given in the following table for the years 1935-36 to 1945-46:-

TABLE XVII. IMPORTS AND EXPORTS OF WINE AND SPIRITS: AUSTRALIA

Year	Wine		Spirits		Wine		Spirits	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	litre	£.	litre	£.	litre	£.	litre	£.
I M P O R T S								
1935-36	29,915	37,274	537,024	693,323	15,541	29,720	13,053	6,659
1936-37	34,236	41,520	450,267	614,003	15,591	26,904	11,070	5,153
1937-38	49,761	40,524	533,609	709,660	17,011	29,212	15,114	6,020
1938-39	41,210	46,095	523,346	693,305	21,565	20,096	15,253	7,361
1939-40	26,347	35,592	770,705	1,066,450	10,019	24,640	19,336	12,936
1940-41	6,336	6,857	453,014	652,921	2,700	5,095	16,952	16,007
1941-42	3,196	3,009	205,126	375,474	20	139	2,840	2,553
1942-43	62	245	67,904	134,670	100	161	205	327
1943-44	755	1,319	65,459	126,913	73	00	110	441
1944-45	100	155	219,190	424,973	7	21	34	187
1945-46	519	1,809	206,092	366,101	517	1,055	162	759
E X P O R T S								
1935-36	3,709,627	934,604	27,059	24,076	89,360	72,554	7,061	1,710
1936-37	4,000,963	1,44,429	30,802	29,727	134,000	95,001	9,256	2,930
1937-38	3,898,457	944,676	20,297	29,621	165,262	120,437	12,039	3,310
1938-39	3,720,504	966,077	23,024	30,056	114,407	95,409	6,922	1,927
1939-40	3,619,804	934,246	23,678	47,070	135,246	116,233	41,507	10,947
1940-41	1,658,007	516,413	66,707	99,261	250,156	223,014	107,690	10,151
1941-42	1,393,803	497,064	146,220	246,139	206,133	177,926	266,501	73,890
1942-43	817,015	297,043	50,931	92,745	160,917	130,963	120,750	33,035
1943-44	1,245,401	422,923	20,665	41,715	199,938	221,909	150,153	165,796
1944-45	1,550,968	595,290	24,635	50,450	211,769	203,591	130,122	55,017
1945-46	1,704,436	740,500	49,699	112,627	163,053	190,177	65,093	47,244

WINERIES AND DISTILLERIES

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12. MINIMUM WEEKLY RATES OF WAGE: The following table shows in respect of Wineries and Distilleries the weekly minimum rates of wage in operation as at 30th June, 1946. These have been prescribed by Commonwealth and State Industrial Tribunals. Where no rate is shown it indicates that the particular occupation is not specifically provided for in the Award, determination or agreement.

Except in South Australia (48 hours) the number of hours constituting a full week's work is 44.

TABLE XVII. MINIMUM WEEKLY RATES OF WAGE AS AT 30TH JUNE, 1946.

Occupation	New South Wales	Victoria	Queensland	South Australia
	(S)	(S)	(S)	(S)
	s. d.	s. d.	s. d.	s. d.
<u>DISTILLERIES</u>				
Sugar Works -				
Stillman ..	120. 6	127. 0	-	-
CO ₂ Machineman ..	110. 6	-	-	-
Acid Attendant ..	115. 6	-	-	-
Valve repairer ..	112. 6	-	-	-
Main Spirit Bond -				
Leading hand ..	115. 6	-	-	-
Filler ..	111. 6	-	-	-
Others ..	110. 6	-	-	-
Methylated Spirit Store -				
Leading hand ..	121. 0	124. 6	-	-
Others ..	113. 0	114. 6	-	-
Research Laboratory				
Attendant ..	113. 0	-	-	-
Adult Females ..	59. 6	59.11	-	-
Junior Males -				
Under 16 years of age ..	34. 0	27. 9	-	-
16 " " " ..	42.10	34.11	-	-
17 " " " ..	52. 6	46. 6	-	-
18 " " " ..	62. 8	58.10	-	-
19 " " " ..	71. 9	60.10	-	-
20 " " " ..	85. 6	80. 3	-	-
Junior Females -				
Under 16 years of age ..	32. 7	27. 9	-	-
16 " " " ..	37. 2	29. 0	-	-
17 " " " ..	40.10	33. 1	-	-
18 " " " ..	45. 4	38.10	-	-
19 " " " ..	49. 0	46. 5	-	-
20 " " " ..	53. 4	55. 6	-	-
Other -		(S)		(b)
Shiftman or Stillman ..	-	115. 0	122. 0	109. 0
Others - adults ..	-	(a)115. 0	104. 0	97. 0
			and	
			110. 0	
16 years of age ..	-	-	85. 6	28.11
17 years of age ..	-	42. 6	57.10	42. 9½
18 years of age ..	-	61. 6	70. 3	56. 7½
19 years of age ..	-	74. 6	-	70. 6
20 years of age ..	-	92. 6	-	84. 4½
<u>WINERIES</u>				
Head Cellarman ..	-	-	119. 4	112. 0
Cellarman ..	-	-	-	102. 0
Others ..	-	-	109. 4	97. 0
Youths				
16 years of age ..	-	-	37. 2	28.11
17 years of age ..	-	-	42. 2	42. 9½
18 years of age ..	-	-	52. 2	56. 7½
19 years of age ..	-	-	62. 2	70. 6
20 years of age ..	-	-	72. 2	84. 4½

(C) denotes Commonwealth Court Award. (S) denotes State Award, determination or agreement.

(a) All other employees not working under any other award.

(b) During vintage, employees engaged continuously on crusher and presser shall be paid 1/- per day extra and employees in charge of others shall be paid 2/- per day extra.

ROLAND WILSON

COMMONWEALTH STATISTICIAN