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MANUFACTURING INDUSTRIES

1946-47.

No.16. TANNERIES

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by

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## TANNERIES

### PREFACE

1. GENERAL: The Industries included in this series are listed on the back of the cover page. They include those listed for the same series for 1945-46 together with the following additions for 1946-47 viz., Aerated Waters and Cordials, and Meat and Fish Preserving.

These Summaries already published are Nos. 1. Cement and Cement Goods, 2. Bricks, Pottery & Earthenware, 3. Chemicals Drugs & Medicines, 4. White Lead, Paints & Varnish, 5. Chemical Fertilizers, 6. Soap and Candles, 7. Engineering, 9. Electrical Machinery & Equipment, 10. Motor Vehicles & Cycles, 11. Agriculture Implements, 12. Wireless Apparatus, 13. Stoves, Ovens & Ranges, 14. Woollen Mills, 15. Hosiery & Other Knitted Goods, 20. Biscuits, 21. Confectionery, 30. Rubber Works, 32 Electric Light & Power Works, 34. Cotton Mills, 35. Paper Mills, 36. Wineries & Distilleries.

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 Tanneries, the industry with which this summary is concerned.
3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in Part 1 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 and "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.

S. R. CARVER  
ACTING COMMONWEALTH STATISTICIAN.

## TANNERIES

1. **SUMMARY OF STATISTICS:** The following table furnishes a summary, for the years 1938-39 and 1943-44 to 1946-47 of the principal statistics of the factories engaged in Tanning, Currying and Leather Dressing.

TABLE I : TANNERIES ; AUSTRALIA

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light &c. Used	Value of Other Materials &c. Used (c)	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1938-39	132	4,375	920	88	2,983	1,522	4,593
1943-44	142	4,631	1,496	136	5,006	2,427	7,569
1944-45	147	4,668	1,521	132	4,959	2,461	7,552
1945-46	152	5,022	1,662	128	5,238	2,690	8,056
1946-47	154	5,428	1,954	149	6,218	3,279	9,646

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

In the following table, particulars of the Industry are given for each State during the year 1946-47:-

TABLE II : TANNERIES ; STATES ; 1946-47

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories -	77	43	13	13	5	3	154
Number Employed (a) -							
Males ..	1,896	2,397	549	172	173	29	5,216
Females ..	105	81	11	10	1	-	212
Total ..	2,005	2,478	560	182	174	29	5,428
Value of -	£.	£.	£.	£.	£.	£.	£.
Salaries & Wages Paid (b)	741,559	907,733	179,056	56,610	58,618	9,997	1,953,573
Power, Fuel & Light etc. Used ..	54,316	72,675	13,434	3,249	4,355	472	148,501
Materials, etc. Used	2,568,331	2,619,056	638,391	162,617	206,118	23,687	6,218,200
Production ..	1,225,349	1,542,742	293,754	100,267	102,493	14,714	3,279,319
Output ..	3,847,996	4,234,473	945,579	266,133	312,966	38,873	9,646,020
Land and Buildings	451,094	533,781	59,007	35,543	40,730	7,299	1,127,454
Plant and Machinery	311,009	343,572	72,762	22,140	30,570	5,841	785,894
H.P. of Engines	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Ordinarily in use	8,211	8,010	1,873	595	559	103	19,351

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

2. **AVERAGE SALARIES, OUTPUT AND PRODUCTION:** Particulars of the average salary and wage paid together with the average values per employee of output and production and the ratio of salaries and wages to value of production are shown in the following table for each of the years 1938-39 and 1943-44 to 1946-47.

TABLE III : AVERAGE SALARIES & WAGES PAID, OUTPUT, &C. 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 per cent. of Salaries and Wages to Value of Production
	£.	£.	£.	%
1938-39	217	1,050	348	60.44
1943-44	333	1,634	524	61.63
1944-45	336	1,618	527	61.80
1945-46	338	1,604	536	61.79
1946-47	367	1,777	604	59.57

(a) Excl. Working Proprietors and amounts drawn by the. (b) Incl. Working Proprietors.

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3. MATERIALS USED AND ARTICLES PRODUCED: In the following table details are given of the quantities and values of materials used and articles produced in Tanning Factories in Australia during 1946-47.

TABLE IV : MATERIALS USED & ARTICLES PRODUCED : AUSTRALIA : 1946-47

Particulars	Unit of Quantity	Quantity	Value £.
<u>Materials Used</u>			
Hides and Skins -			
Hides - Cattle .. .. .	No.	2,488,521	3,131,092
Horse .. .. .	"	1,625	1,771
Other .. .. .	"	101,171	36,062
Skins - Calf .. .. .	"	1,439,210	491,496
Goat .. .. .	"	937,936	269,815
Sheep .. .. .	"	2,737,446	319,480
Marsupial .. .. .	"	144,613	62,836
Reptile .. .. .	"	(a)	(a)
Other .. .. .	"	(a)	(a)
Pelts, treated .. .. .	"	2,350,576	134,190
Bark - Wattle .. .. .	ton	11,767	192,526
Mallet .. .. .	"	811	12,527
Other .. .. .	"	1,220	26,300
Tanning Extract (Vegetable) .. .. .	lb.	27,508,096	427,900
Other Materials .. .. .	-	(b)	480,916
<b>Total Materials Used:</b>		(b)	<b>5,586,911</b>
<u>Articles Produced</u>			
Leather -			
Sole and Belting, sides .. .. .	lb.	37,448,167	2,996,041
Harness, Skirt, Bridle and Stirrup, Sides .. .. .	"	1,990,081	190,065
Upholstery Leather - Whole Hide .. .. .	sq.ft.	3,805,895	255,715
- Side .. .. .	"	3,160,051	199,681
- Splits .. .. .	"	1,488,118	46,097
Dressed and Upper from Hides -			
Sold by Measurement - Patent .. .. .	"	1,594,945	126,359
- All Other .. .. .	"	36,971,824	2,428,603
Sold by Weight - Waxed Kip .. .. .	lb.	121,420	12,460
- All Other .. .. .	"	350,481	30,635
Dressed from Skins -			
Calf .. .. .	sq.ft.	10,981,112	1,007,089
Goat .. .. .	"	4,106,631	430,966
Sheep .. .. .	"	16,470,268	610,176
Marsupial .. .. .	"	660,757	112,960
Reptile .. .. .	"	-	-
All Other .. .. .	"	356,112	23,395
Upper from Horse Hides -			
Patent .. .. .	"	71,172	6,803
Dressed .. .. .	"		
Rough Tanned Hides - Splits -			
Dressed .. .. .	"	8,559,006	320,883
Rough Tanned .. .. .	lb.	1,044,129	78,620
Basile .. .. .	"	1,083,972	138,837
Pelts, Pickled .. .. .	"	481,200	7,163
Glue Pieces, Fleshings, etc. .. .. .	cwt.	288,522	46,935
Tallow .. .. .	"	2,517	2,842
Neatsfoot Oil .. .. .	gal.	5,433	968
Other Articles (including value of other work done) .. .. .	-	(b)	57,727
<b>Total Value of Output</b>		(b)	<b>9,644,020</b>

(a) Not Available for publication, included with Other Articles and Materials.  
 (b) Value only available.

NOTE: The particulars shown in Table IV above exclude similar articles produced in establishments not classified under the industry "Tanneries". Particulars of some of the principal items produced in other works are listed in the following table.

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TABLE V : ARTICLES PRODUCED IN OTHER WORKS : AUSTRALIA 1946-47

Item	Industry	Production	
		Quantity	Value £.
Gluc Pieces	)Animal Oils	cwt.	
	)Boiling Down, Tallow Refining		
		89,022	41,286
Tallow - Raw	)Animal Oils		
	)Boiling Down, Tallow Refining		
		557,798	919,618
- Refined	" " "	136,479	214,887
Neatsfoot Oil	)Animal Oils	gal.	
	)Boiling Down, Tallow Refining		
		261,235	49,404

The following table sets out particulars of raw materials used in Tanneries for the years 1938-39 and 1943-44 to 1946-47:-

TABLE VI : RAW MATERIALS USED : AUSTRALIA

Year	Hides Treated	Calf Skins Treated	Goat Skins Treated	Sheep Skins Treated	Marsupial Skins Treated	Pelts Treated	Bark Used	Tanning Extract (Vegetable)
	'000	'000	'000	'000	'000	'000	ton	'000 lb.
1938-39	1,630	1,207	1,273	1,649	70	2,250	21,810	8,258
1943-44	2,284	1,316	819	2,758	105	2,429	13,821	25,030
1944-45	2,206	1,326	828	2,616	98	2,616	13,231	25,811
1945-46	2,218	1,511	841	2,506	68	1,994	12,823	26,405
1946-47	2,591	1,437	938	2,737	145	2,151	13,798	27,508

The next table shows particulars of articles produced in Tanneries for the years 1938-39 and 1943-44 to 1946-47.

TABLE VII : LEATHER PRODUCED : AUSTRALIA.

Year	Sole & Belting Sides		Harness Skirt, etc. Sides		Upholstery Leather	Dressed & Upper from Hides Sold by		Upper from Horse Hides
						Measurement	Weight	
	'000 lb.	'000 lb.	'000 lb.	'000 lb.	'000sq.ft.	'000 sq.ft.	'000 lb.	'000sq.ft.
1938-39	26,325	1,129	1,129	6,782	16,924	853	263	
1943-44	36,062	2,433	2,433	5,483	31,923	3,033	227	
1944-45	34,051	1,906	1,906	5,333	34,502	1,727	256	
1945-46	34,791	1,959	1,959	5,877	33,496	1,779	344	
1946-47	37,448	1,990	1,990	6,454	38,567	472	71	

  

Year	Dressed Leather from Skins					Rough Tanned Hides - Splits		Basils
	Calf	Goat	Sheep	Marsupial	All Other	Dressed	Rough Tanned	
	'000 sq.ft.	'000 sq.ft.	'000 sq.ft.	'000 sq.ft.	'000 sq.ft.	'000 sq.ft.	'000 lb.	
1938-39	10,145	5,278	10,929	302	582	4,566	1,875	1,734
1943-44	11,306	3,735	15,526	515	171	5,131	992	1,270
1944-45	9,738	3,651	16,006	378	84	5,710	903	1,519
1945-46	11,185	3,849	15,066	632	470	6,663	966	1,233
1946-47	10,981	4,107	16,470	661	356	8,559	1,064	1,064

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4. EMPLOYMENT: The number of persons employed shown in Tables I, II, and IX 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.

TABLE VIII : FACTORIES CLASSIFIED ACCORDING TO HANDS EMPLOYED : AUSTRALIA

Number of Persons Employed in each Factory	1938-39		1943-44		1944-45		1945-46		1946-47	
	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed
Under 4	15	32	19	41	21	50	16	39	14	35
4	5	20	9	36	6	24	11	44	4	16
5 to 10	36	257	27	194	32	225	35	260	39	287
11 to 20	28	421	29	454	33	521	29	462	33	519
21 to 50	25	766	35	1,110	31	991	35	1,036	38	1,174
51 to 100	14	937	14	1,010	15	1,066	14	948	13	891
101 to 200	9	1,956	9	1,780	9	1,794	3	970	9	1,136
200 & over							4	1,273	4	1,414
TOTAL	132	4,389	142	4,631	147	4,671	152	5,032	154	5,472
Average No. Employed per Factory	33		33		32		33		36	

Further details of employment in Tanneries are furnished in the next four tables. In Table IX, the numbers of males employed are shown for the years 1938-39 and 1943-44 to 1946-47 according to the nature of their employment, but because of the change in classification which operated from 1945-46 comparison between 1945-46 and 1946-47 and earlier years is not wholly effective.

TABLE IX : MALES EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION : AUSTRALIA

Grade of Occupation	1938-39	1943-44	1944-45	1945-46	1946-47
	No.	No.	No.	No.	No.
<u>Males</u>					
Working Proprietors	137	141	134	105	95
Managerial & Clerical Staff including Salaried Managers and Working Directors	)	(	(	251	288
Chemists, Draftsmen & other Laboratory & Research Staff	4,099	4,171	4,209	29	37
Foremen & Overseers	)	1	(	209	236
Workers in Factory (skilled & unskilled)	)	(	(	4,108	4,499
Other (including Carters & Messengers)	59	62	67	61	61
TOTAL MALES	4,295	4,374	4,410	4,763	5,216
TOTAL FEMALES (a)	80	257	256	259	212
TOTAL PERSONS EMPLOYED	4,375	4,631	4,666	5,022	5,428

(a) Mainly Clerical Staff.

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The next table shows the actual number of persons employed (excluding Working Proprietors) on the pay-day nearest to the 15th of each month for the years 1945-46 and 1946-47:-

**TABLE X : PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH :**  
AUSTRALIA : 1945-46 AND 1946-47  
 (Working Proprietors Excluded)

Month	1945-46			1946-47		
	Males	Females	Total	Males	Females	Total
	No.	No.	No.	No.	No.	No.
July ..	4,293	261	4,554	4,936	206	5,144
August ..	4,373	265	4,638	5,061	205	5,266
September..	4,340	261	4,601	5,049	202	5,251
October ..	4,409	271	4,680	5,061	206	5,267
November ..	4,460	266	4,726	5,067	209	5,276
December ..	4,465	262	4,727	5,143	209	5,352
January ..	4,650	247	4,897	5,122	203	5,325
February ..	4,792	236	5,028	5,254	198	5,452
March ..	4,822	245	5,067	5,226	203	5,429
April ..	4,866	242	5,108	5,221	197	5,418
May ..	5,031	239	5,270	5,248	198	5,446
June ..	4,986	238	5,224	5,104	201	5,305

The numbers of persons employed on or about the 15th June, 1947 are distributed according to age and sex in Table XI. Owing to the change in classification which operated from 1945-46, it is not possible to give a comparison in single year groups, viz., 16 to 20 years, for previous years, but the comparison on the old basis has been retained in Table XII.

**TABLE XI : DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA**  
JUNE 1947.  
 (Excludes Working Proprietors)

Sex	Under	16	17	18	19	20	21 years	Total
	16 years	years	years	years	years	years	& over	
Males	27	31	49	62	57	56	4,822	5,104
Females	2	5	9	4	12	12	157	201
Persons	29	36	58	66	69	68	4,979	5,305

**TABLE XII : DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX**  
 (Excludes Working Proprietors)

June	MALES				FEMALES				TOTAL			
	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	153	693	3,425	4,271	4	21	55	80	157	714	3,480	4,351
1944	55	348	3,858	4,261	4	68	174	246	59	416	4,032	4,507
1945	48	336	3,873	4,257	4	64	183	251	52	400	4,056	4,507
1946	36	272	4,678	4,986	6	57	175	238	42	329	4,853	5,224
1947	27	255	4,822	5,104	2	42	157	201	29	297	4,979	5,305

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5. 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.

TABLE XIII : TYPES AND RATED HORSE-POWER OF ENGINES : AUSTRALIA

Class of Engine	Rated H.P. of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1945-46	1946-47	1938-39	1945-46	1946-47
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Steam - Reciprocating ..	1,718	1,647	1,451	736	714	852
Turbine ..	80	98	98	-	350	350
Internal Combustion -						
Gas	660	541	406	125	140	110
Petrol or Other Light Oils	36	178	43	-	-	20
Heavy Oils ..	977	560	560	200	200	200
Water ..	5	-	-	-	-	-
<u>Total Prime Movers</u>	<u>3,476</u>	<u>3,024</u>	<u>2,558</u>	<u>1,061</u>	<u>1,404</u>	<u>1,532</u>
Motors driven by electricity -						
Purchased ..	8,869	14,826	16,793	1,103	933	1,024
Own Generation ..	2,129	1,624	1,713	200	305	320
<u>Total Electricity</u>	<u>10,998</u>	<u>16,450</u>	<u>18,506</u>	<u>1,303</u>	<u>1,238</u>	<u>1,344</u>
<u>TOTAL POWER USED (a)</u>	<u>12,345</u>	<u>17,850</u>	<u>19,351</u>	<u>2,364</u>	<u>2,642</u>	<u>2,876</u>

(a) Without Duplication.

6. CONSUMPTION OF POWER, FUEL AND LIGHT: Details of the quantities and values of the various items of power, fuel and light used in Tanning factories are shown for the years 1938-39, 1945-46 and 1946-47, in the following table:-

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

Particulars	Unit of Quantity	Quantity			Value		
		1938-39	1945-46	1946-47	1938-39	1945-46	1946-47
					£.	£.	£.
Power, Fuel and Light-							
Coal - Black ..	ton	17,050	18,113	14,543	25,043	34,629	27,724
Brown ..	"	1,202	170	2,848	665	241	3,560
Brown Coal Briquettes	"	(a)	21	727	(a)	34	1,127
Coke ..	"	637	2,346	3,271	871	4,936	7,269
Wood ..	"	8,690	8,838	15,273	4,329	8,695	17,991
Fuel Oil ..	gal.	82,535	76,499	124,184	1,862	3,664	4,924
Ter Fuel ..	"	-	-	4,300	-	-	167
Electricity ..	-	(b)	(b)	(b)	35,106	43,865	50,494
Gas ..	-	(b)	(b)	(b)	545	854	1,282
Other (Charcoal, etc.)	-	(b)	(b)	(b)	182	1,698	1,836
Water & Lubricating Oil							
Used ..	-	(b)	(b)	(b)	19,067	29,208	32,127
<u>TOTAL</u>		(b)	(b)	(b)	<u>87,670</u>	<u>127,824</u>	<u>148,501</u>

(a) Included with Brown Coal. (b) Value only available.

7. VALUE OF LAND, BUILDINGS, PLANT & MACHINERY: Particulars of the book values of premises occupied and plant used in Tanning factories at 30th June for each of the years 1939 and 1944 to 1947 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 XV : VALUE OF LAND & BUILDINGS, PLANT & MACHINERY : AUSTRALIA

June	Book Values 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
	£.	£.	£.	£.	£.	£.
1939	813,713	523,538	7,525	39,866	7,112	35,612
1944	919,016	543,796	30,840	46,449	11,978	39,231
1945	956,161	609,825	38,697	92,450	8,470	41,094
1946	1,068,424	708,521	76,834	132,256	5,322	56,137
1947	1,127,434	782,874	87,253	169,123	11,512	75,092

(a) Includes estimated value of rented premises and machinery

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8. EXTERNAL TRADE: The quantities of imports and exports of a number of items usually associated with Tanneries are given for the year 1938-39 and 1943-44 to 1946-47 in the following tables:-

TABLE XVI : IMPORTS OF HIDES, SKINS &amp; LEATHER : AUSTRALIA

Item	Unit of Quantity	1938-39	1943-44	1944-45	1945-46	1946-47
Hides and Skins -						
Calf .. .. .	cwt.	4,144	1,006	2,741	9,527	8,757
Cattle .. .. .	"	76,497	46,133	47,614	51,073	53,857
Goat .. .. .	"	15,187	11,624	11,066	8,148	13,893
Horse .. .. .	"	375	26	2	1	91
Rabbit and Hare .. .. .	lb.	247,926	415	-	500	9,686
Sheep with Wool .. .. .	cwt.	92	633	12	639	1,875
Sheep without wool .. .. .	"	5,289	126	127	2,303	2,951
Leather -						
Calf (Other than patent or enamelled) .. .. .	sq.ft.	154,136	7,739	-	210	3,670
Chamois .. .. .	"	41,312	-	-	4,211	11,145
Crust or rough-tanned						
Goatskin .. .. .	lb.	20,779	36,582	31,227	-	591
Kid and Substitutes .. .. .	sq.ft.	58,647	5,058	-	62,740	44,444
Patent and Enamelled .. .. .	"	1,933	-	2,634	-	514
Other Leathers .. .. .	lb.	170,042	20,365	14,406	9,174	6,858
Other Leathers .. .. .	sq.ft.	-	-	-	375,603	591,316

TABLE XVII : EXPORTS OF HIDES, SKINS &amp; LEATHER : AUSTRALIA

Item	Unit of Quantity	1938-39	1943-44	1944-45	1945-46	1946-47
Hides and Skins -						
Furred Skins -						
Fox .. .. .	No.	117,882	269,353	169,115	145,800	86,256
Kangaroo .. .. .	lb.	1,125,910	793,396	1,266,613	1,457,727	2,856,222
Opossum .. .. .	No.	103,958	56,862	572,512	139,589	142,168
Rabbit .. .. .	lb.	(a)4,432,863	11,530,137	11,662,268	(a)14,743,360	(a)13,230,349
Wallaby .. .. .	"	89,837	79,133	46,335	44,291	79,675
Other Furred S Skins	No.	12,053	630,059	735,935	11,386	27,363
Other Hides and Skins -						
Calf .. .. .	No.	605,446	1,706	5,396	443	5,187
Cattle .. .. .	"	1,186,543	171,421	157,432	189,863	117,164
Horse .. .. .	"	15,740	9,963	27,001	27,282	31,794
Sheep with Wool .. .. .	"	12,625,200	3,220,448	6,716,400	18,811,654	18,189,641
Sheep without Wool	"	1,075,895	3,651,958	4,010,146	2,850,201	2,538,287
Leather -						
Calf .. .. .	sq.ft.	918,243	494,677	74,455	673,723	1,868,942
Upper, from Hides-						
Patent .. .. .	"	490,717	405,190	160,516	139,453	293,988
Other .. .. .	"	4,093,729	1,754,505	616,922	2,112,005	2,166,265
Sheep -						
Balls .. .. .	doz.	176,190	77,026	245,065	87,386	70,924
Other .. .. .	sq.ft.	9,265	328,068	350,611	711,620	1,294,052
Sole .. .. .	cwt.	33,253	6,275	11,299	18,304	32,506
Splits - Rough						
Tanned .. .. .	"	4,821	730	3,026	5,317	5,061
Dressed .. .. .	sq.ft.	860,355	478,776	1,086,882	1,413,550	1,816,956
Yearlings .. .. .	"	506,914	277,638	77,980	190,800	90,767

(a) Includes Hare.

TANNERIES

9. MINIMUM WEEKLY RATES OF WAGE: The following table shows, in respect of Tanneries, the minimum weekly rates of wage in operation at 30th June, 1947. These have been prescribed by the Commonwealth Court of Conciliation and Arbitration. In all cases the hours of labour constituting a full week's work was 44.

TABLE XVIII : MINIMUM WEEKLY RATES OF WAGE AS AT 30TH JUNE, 1947

Occupation	All States s. d.	Occupation	All States s. d.
Carrier	147. 0	Machinist (ctd.) -	
Leather dresser	128. 0	Buffing	136. 6
		Embossing	126. 0
	131. 0	Fluffing	129. 0
Sorter (Green Hides)	146. 0	and	
Sorter (Tanned Hides)	140. 0		133. 0
Flesher (Hand)	138. 0	Other	124. 0
	and	to	
	142. 0		133. 0
Flesher (Machine)	130. 0	Roller	134. 0
Bark Grinder	122. 0	Tempit man	131. 0
Tableman	133. 0	Jigger and grainer	132. 6
	and	Shedman	123. 0
	134. 0	to	
Extract worker	127. 0		129. 0
Unhairer, scudder	133. 0	Japanner	132. 6
Lime jobber	131. 0	Emroller	132. 6
Glazer	129. 0	Staker	129. 0
Drum and vat hand	131. 0		
Hair washer	127. 0	Junior Male - (Wet worker)	
Machinist -		14 to 15 years of age	31. 6
Splitting	140. 0	15 to 16 " " "	39. 9
	to	16 to 17 " " "	50. 3
	147. 0	17 to 18 " " "	60. 9
Shaving	134. 0	18 to 19 " " "	72. 6
	to	19 to 20 " " "	84. 3
	140. 0	20 to 21 " " "	93. 6
Whitening	136. 6		
Graining	126. 0		

Note : Adult and Junior rates of wages with a 44-hour week are prescribed by State Awards or Determinations in New South Wales, Victoria, Queensland and Tasmania. With the exception of Tasmania, where the "margin for skill" is a flat rate of 8/- per week plus industry and war-time loadings of 6/- and 5/- per week respectively, the rates of wages payable under State Awards are identical with those prescribed by the Commonwealth Court Award.

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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS.

CANBERRA. A.C.T.

9th NOVEMBER 1948.