

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,
CANBERRA,
OFFICIAL STATISTICS, COMMONWEALTH OF AUSTRALIA

MANUFACTURING INDUSTRIES
1950-51.

NO. 14. BOOTS AND SHOES

Prepared Under Instructions from
THE RIGHT HONORABLE THE TREASURER,

by

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MANUFACTURING INDUSTRIES : AUSTRALIA, 1950-51

PREFACE.

1. General: The Bulletins in the series for 1950-51 are listed on the back of the cover of this Bulletin and incorporate the same range of industries as the 1949-50 series with the following variations:-

- (a) The Metal and Machinery etc. Industries have been re grouped and are presented as - Basic Metal Industries (Bulletin No. 7) and Metal Fabricating Industries (Bulletin No. 8).
- (b) Single Bulletins are now being issued to cover:-
 - (i) The Clothing Industry, to include Hosiery and Knitted Goods (Bulletin No. 15).
 - (ii) The Jam, Fruit and Vegetable Canning, and the Pickles, Sauces and Condiments Industries (Bulletin No. 19).
- (c) Many of the Bulletins have been renumbered.

Where a number of Industries are combined in one Bulletin the introductory paragraph on Page 2 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 Wool products.

Each of the summaries in the "Manufacturing Industries" series, relates as far as possible to the operations of factories classified to the industry specified. Sometimes articles normally produced in the industry covered by a particular Bulletin are also produced, as subsidiary production, in other industries, and, wherever possible, quantity tables have been extended to show details of production separately for the industry under review and the total in all industries.

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

Briefly, a "factory" is taken to be a manufacturing establishment in which four or more persons 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 of manufactured goods, 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 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 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 : AUSTRALIA, 1950-51.BOOTS AND SHOES

1. SUMMARY OF STATISTICS: Details contained in this summary relate to the manufacture of Boots and Shoes only, and do not include details of Boot and Shoe Repairing (except for Tasmania for the years 1948-49 to 1950-51), Boot and Shoe accessories or Footwear produced in Rubber Works. The following table furnishes a summary for the years 1938-39, 1945-46 and 1948-49 to 1950-51, of the principal statistics of the factories engaged in the manufacture of Boots and Shoes.

TABLE I : BOOTS AND SHOES : AUSTRALIA.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light etc. Used (c)	Value of Materials etc., Used (d)	Value of Production (e)	Value of Output
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	No.	No.	£'000	£'000	£'000	£'000	£'000
1938-39	311	17,263	2,633	52	4,273	3,656	8,021
1945-46	383	18,264	4,408	75	7,519	6,472	14,066
1948-49(e)	529	22,906	7,611	115	10,518	10,758	21,791
1949-50(e)	510	23,180	8,410	124	12,352	11,892	24,368
1950-51(e)	521	23,783	10,215	141	15,390	14,611	30,142

(a) Average over the whole year; includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors. (c) Includes also value of containers, packing, etc., replacements of tools and repairs to plant. (d) Value of Production equals column (7) less total of columns (4) and (5). (e) Includes details of Boot and Shoe Repairing in Tasmania.

In the following table particulars of the Industry are given for each State during the year 1950-51.

TABLE II : BOOTS AND SHOES : STATES, 1950-51.

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS(a)	AUSTRALIA
Number of Factories	201	242	29	21	12	16	521
Number Employed (b)							
Males	3,903	5,587	899	859	517	115	11,880
Females	4,208	5,718	878	681	370	48	11,903
Total	8,111	11,305	1,777	1,540	887	163	23,783
Value of -	£	£	£	£	£	£	£
Salaries and Wages Paid (c)	3,393,162	5,045,218	687,241	659,959	368,851	60,175	10,214,606
Power, Fuel and Light, etc. used	50,219	68,675	7,303	8,889	5,323	712	141,121
Materials, etc. Used	4,706,199	8,354,985	1,006,042	788,222	459,806	74,652	15,389,906
Production (d)	5,006,455	7,353,122	846,478	797,292	525,835	81,457	14,610,689
Output	9,762,873	15,776,782	1,859,823	1,594,403	991,014	156,321	30,141,716
Land & Buildings	1,080,542	1,304,517	151,577	175,758	83,030	26,563	2,822,037
Plant and Machinery	663,791	1,115,513	137,087	211,090	120,146	17,180	2,265,107
H.P. of Engines	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Ordinarily in Use	6,572	8,544	743	731	512	98	17,200

- (a) Includes details of Boot and Shoe Repairing.
 (b) Average over the whole year; includes Working Proprietors.
 (c) Excludes amounts drawn by Working Proprietors.
 (d) See note (d) to Table I.

2. AVERAGE SALARIES, OUTPUT AND PRODUCTION: 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 the value of production, are shown in the following table for the years 1938-39, 1945-46 and 1948-49 to 1950-51.

TABLE III : 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 For Person Engaged (b)	Ratio of Salaries and Wages to Value of Production
	£	£	£	%
1938-39	156	465	214	71.23
1945-46	246	770	354	68.10
1948-49 (c)	338	951	470	71.41
1949-50 (c)	394	1,051	513	70.72
1950-51 (c)	437	1,267	614	69.91

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

(b) Includes Working Proprietors.

(c) Includes details of Boot and Shoe Repairing in Tasmania.

3. MATERIALS USED AND ARTICLES PRODUCED: The two tables following show particulars of the quantity and value of the principal materials used and the Boots, Shoes and Slippers produced in all factories during the year 1950-51 including a small quantity made in Boot and Shoe Repairing Establishments but excluding Footwear produced in Rubber Works.

TABLE IV : MATERIALS USED IN BOOT AND SHOE FACTORIES : AUSTRALIA, 1950-51

Material	Unit of Quantity	Quantity	Value (£)
Leather, Sole ..	lb.	21,360,210	2,621,678
Upper ..	sq.ft.	41,427,840	5,042,912
Upper ..	lb.	1,763,755	137,813
Felt Piece Goods ..	sq.yd.	1,433,628	731,081
Rubber ..	lb.	654,379	160,250
Heels, Ready-made, Leather	pair	4,764,261	270,175
Rubber	"	568,332	46,405
Composition	"	1,078,888	60,730
Soles, Ready-made, Leather	"	5,873,232	608,275
Rubber	"	592,372	80,527
Composition	"	24,134	1,512

TABLE V : BOOTS, SHOES AND SLIPPERS PRODUCED : AUSTRALIA, 1950-51.

(Excludes Footwear produced in Rubber works)

Type of Construction	Men's and Youths'		Women's and Maids'		Children's (up to and including size 2)	
	Quantity	Value	Quantity	Value	Quantity	Value
	pairs	£.	pairs	£.	pairs	£.
Boots and Shoes -						
"Elts	2,458,450	4,324,160	1,049,608	1,773,238	495,427	467,341
H.S., F.S., and Littleways	1,392,545	1,737,728	1,342,564	1,844,884	1,060,782	979,916
Veldts (incl. Mocassins)	384,143	478,903	741,944	1,194,121	1,484,603	1,006,842
Cements or Welded	110,750	154,247	3,667,220	5,012,516	359,649	230,322
Genuine Pumps	39,489	52,623	522,241	972,393	58,296	29,856
Screwed or Rivetted	1,103,998	1,256,305	7,538	8,717	72,529	54,834
Total Boots and Shoes	5,494,375	8,003,966	7,331,115	11,805,909	3,531,286	2,769,111
Sandals (all constructions)	561,414	480,757	911,194	1,064,393	763,018	377,952
Slippers (all constructions)	1,263,817	914,900	3,860,951	2,184,090	2,389,798	514,726

The quantities and values of Boots and Shoes, Sandals and Slippers (excluding Footwear made in Rubber works) made in Australian factories are given in the next table for the years 1938-39, 1945-46 and 1948-49 to 1951-52.

TABLE VI : BOOTS AND SHOES ETC. PRODUCED : AUSTRALIA

Year	Boots and Shoes		Sandals		Slippers	
	Quantity	Value	Quantity	Value	Quantity	Value
	'000 prs.	£'000	'000 prs.	£'000	'000 prs.	£'000
1938-39	13,967	5,903	(c)	(c)	7,704	924
1945-46	14,046	10,564	2,795	950	6,780	1,409
1948-49	15,447	16,467	1,773	1,167	8,832	2,588
1949-50	15,409	18,050	2,299	2,070	8,605	3,024
1950-51	16,357	22,579	2,236	1,923	7,515	3,614
1951-52 (a)	16,600	(b)	1,376	(b)	7,479	(b)

(a) Subject to revision.

(b) Not yet available.

(c) Included with Boots and Shoes.

4. **EMPLOYMENT:** The number of persons employed shown in Tables I, II, and VIII 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 1948-49 to 1950-51.

TABLE VII : FACTORIES CLASSIFIED ACCORDING TO PERSONS EMPLOYED : AUSTRALIA

No. of Persons Employed in each Factory	1938-39		1945-46		1948-49(a)		1949-50(a)		1950-51(a)	
	No. of Factories	Number Employed	No. of Factories	Number Employed	No. of Factories	Number Employed	No. of Factories	Number Employed	No. of Factories	Number Employed
Under 4	51	107	46	99	77	139	71	134	63	125
4	14	56	18	72	18	72	16	64	20	80
5 to 10	39	288	53	372	85	638	63	449	60	463
11 to 20	38	579	66	1,029	87	1,375	93	1,440	100	1,495
21 to 50	69	2,309	97	3,402	131	4,429	134	4,413	140	4,743
51 to 100	47	3,471	47	3,418	63	4,521	68	4,943	72	5,300
101 to 200	53	10,654	44	6,138	51	7,368	47	6,879	48	6,836
201 to 300			8	2,046	12	2,707	12	2,831	13	3,062
301 & over			4	1,790	5	1,972	6	2,226	5	1,829
Total:	311	17,464	383	18,366	529	23,224	510	23,379	521	23,933

Average No.
Employed per
Factory

56

48

44

46

46

(a) Includes details of Boot and Shoe Repairing in Tasmania.

Further details of employment in the Industry - Boots and Shoes are furnished in the two tables following. In Table VIII the numbers of males and females employed are shown for the years 1938-39, 1949-50 and 1950-51 according to the nature of their employment, but because of the change in classification which operated from 1945-46, comparison between 1938-39 and the later years shown is not wholly effective.

TABLE VIII : PERSONS EMPLOYED CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	Males			Females		
	1938-39	1949-50 (a)	1950-51 (a)	1938-39	1949-50 (a)	1950-51 (a)
Working Proprietors	303	330	340	34	28	43
Managerial and Clerical Staff, including Salaried Managers and Working Directors	7,973	630	629	()	589	605
Chemists, Draftsmen and Other Laboratory and Research Staff		4	3	(8,882)	2	3
Foremen and Overseers		898	950	()	310	337
Workers in Factory (Skilled and Unskilled)	()	9,788	9,928	()	10,483	10,861
Others (including Carters, Messengers, etc.)	65	31	30	6	87	54
Total:	8,341	11,681	11,880	8,922	11,499	11,903

(a) Includes details of Boot and Shoe Repairing in Tasmania.

The number of persons employed on or about the 15th June, for the years 1939, 1946 and 1949 to 1951, are distributed according to age and sex in Table IX.

TABLE IX : 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
MALES									
1939	460	(a)	(a)	(a)	(a)	(a)	1,252	6,347	8,059
1946	282	266	273	241	212	203	1,195	8,592	10,069
1949(b)	218	246	302	323	291	239	1,401	9,848	11,467
1950(b)	218	210	254	304	267	220	1,255	9,922	11,395
1951(b)(c)	203	192	213	225	249	204	1,083	10,365	11,651
FEMALES									
1939	1,010	(a)	(a)	(a)	(a)	(a)	2,444	5,516	8,970
1946	302	346	370	420	362	315	1,813	7,422	9,537
1949(b)	222	337	405	390	346	312	1,790	9,316	11,328
1950(b)	224	273	319	355	337	261	1,545	9,960	11,729
1951(b)(c)	239	279	277	292	273	262	1,383	10,186	11,808

(a) Details not collected.

(b) Includes details of Boot and Shoe Repairing in Tasmania.

(c) Last pay day of month.

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 horse-power of engines ordinarily in use, together with those in reserve or idle.

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

Class of Engines	Rated Horse-Power of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1949-50 (a)	1950-51 (a)	1938-39	1949-50 (a)	1950-51 (a)
Steam - Reciprocating	260	-	-	10	-	-
Turbine	-	-	-	-	-	-
Internal Combustion -						
Gas	213	310	357	-	48	-
Petrol or other Light						
Oils	30	907	1,423	40	958	997
Heavy Oils	551	510	841	116	251	506
Water	-	-	-	-	-	-
Total Prime Movers:	1,054	1,727	2,621	166	1,257	1,503
Motors driven by electricity -						
Purchased	5,619	13,953	14,579	239	518	270
Own Generation	(b) 228	(b) 249	(b) 270	2	-	-
Total Electricity:	5,847	14,202	14,869	241	518	270
TOTAL POWER USED:	6,673	15,680	17,200	407	1,775	1,773

(a) Includes details of Boot and Shoe Repairing in Tasmania.

(b) These motors are driven by electricity generated by Prime Movers shown above, and are excluded from statistics of total power used, to avoid duplication.

6. POWER, FUEL AND LIGHT, ETC., USED: Details of the quantities and values of the various items of power, fuel and light etc., used in Boot and Shoe Factories are shown for the years 1938-39, 1949-50 and 1950-51 in the following table:-

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

Particulars	Unit of Quantity	Quantity			Value (£)		
		1938-39	1949-50 (a)	1950-51 (a)	1938-39	1949-50 (a)	1950-51 (a)
Power, Fuel and Light							
Coal - Black	ton	393	174	210	552	423	627
Brown	"	124	1,313	1,013	207	1,963	1,662
Brown Coal Briquettes	"	(b)	-	-	(b)	-	-
Coke	"	1,040	324	316	1,457	773	995
Wood	"	6	124	487	3	208	362
Fuel Oil	gal.	40,373	74,388	86,632	1,151	5,603	7,859
Tar (Fuel)	"	(c)	8,448	-	(c)	255	-
Electricity	-	(d)	(d)	(d)	35,853	92,867	104,175
Gas	-	(d)	(d)	(d)	7,337	9,538	11,386
Other (Charcoal, etc.)	-	(d)	(d)	(d)	139	732	609
Water and Lubricating Oil Used	-	(d)	(d)	(d)	5,019	11,055	13,445
Total:		(d)	(d)	(d)	51,818	123,417	141,121

(a) Includes details of Boot and Shoe repairing in Tasmania.

(b) Included with Brown Coal.

(c) Details not collected.

(d) Value only available.

7. VALUE OF LAND, BUILDINGS, PLANT AND MACHINERY: Particulars of the book values of premises occupied and plant used for Boot and Shoe Factories as at the 30th June for the years 1938-39, 1945-46 and 1948-49 to 1950-51 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 XII : VALUE OF LAND AND BUILDINGS, PLANT AND 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
1938-39	1,192,496	864,209	7,069	52,952	4,916	44,824
1945-46	1,518,311	1,222,376	43,092	141,394	8,526	83,099
1948-49(b)	2,086,874	1,683,515	80,219	281,409	5,535	141,728
1949-50(b)	2,328,001	1,876,986	116,003	309,114	5,793	172,116
1950-51(b)	2,822,037	2,265,107	137,721	373,421	10,410	207,558

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

(b) Includes details of Boot and Shoe repairing in Tasmania.

8. EXTERNAL TRADE: The values of imports and exports of Footwear for the years 1938-39, 1945-46 and 1948-49 to 1950-51 are given in the following table.

TABLE XIII : IMPORTS AND EXPORTS OF FOOTWEAR : AUSTRALIA
(2A.f.o.b.)

Particulars	1938-39	1945-46	1948-49	1949-50	1950-51
<u>IMPORTS</u>					
Footwear -					
Wholly Leather					
Men's ..	19,020	6,206	118,840	79,157	175,334
Women's and Childrens'	57,814	1,419	401,147	372,757	621,408
Part Leather and Part Fabric	18,139	34	33,767	25,069	108,557
Rubber					
Goloshes and Rubber Sand Boots	3,967	2	133,375	123,831	188,383
Gum and Wading Boots	609	20	98,932	184,336	355,448
Other including Slippers, Clogs and Pattens ..	43,427	2,376	46,312	181,925	389,768
Parts and Materials for footwear	71,582	203	4,727	4,497	11,571
TOTAL:	211,558	10,260	837,100	971,572	1,850,469
<u>EXPORTS</u>					
Footwear -					
Wholly of Leather ..	18,931	87,495	382,705	114,626	78,385
Part Leather and Fabric	(a)	625	113	32	3,520
Rubber ..	2,917	1,332	5,589	10,445	21,944
Other ..	1,103	26,867	1,162	13,252	2,849
Parts and Materials for footwear	(a)	130	2,702	15	3,851
TOTAL:	22,951	116,449	392,271	138,370	110,549

(a) Included with "Other Footwear".

S.R. CARVER
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COMMONWEALTH BUREAU OF CENSUS AND STATISTICS,

CANBERRA. A.C.T. 9TH OCTOBER, 1952.