

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA,
AUSTRALIA

MANUFACTURING INDUSTRIES
1958-59

NO. 14. BOOTS AND SHOES

Prepared Under Instructions from
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MANUFACTURING INDUSTRIES : 1958-59

P R E F A C E

- 1 GENERAL: The range of Bulletins in the series for 1958-59 is the same as for 1957-58 and a complete list is shown on the back of the cover of this Bulletin.

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. 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, include proprietors who work in their own businesses as well as "out-workers", but 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 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 : AUSTRALIA, 1958-59BOOTS AND SHOES

1. SUMMARY OF STATISTICS: Details contained in this summary relate to the manufacture of Boots and Shoes only, and general tables do not include details of Boot and Shoe Repairers (except for Tasmania for the years 1956-57 to 1958-59) or establishments engaged in the production of Boot and Shoe Accessories.

The following table furnishes a summary for the years 1938-39, 1945-46 and 1956-57 to 1958-59 of the Principal statistics of the factories engaged in the manufacture of Boots and Shoes.

TABLE I : BOOTS AND SHOES : AUSTRALIA

Year	Factories	Persons Employed	Salaries and Wages Paid	Power, Fuel and Light etc. Used	Value of Materials, etc. Used	Value of Production	Value of Output
	(1)	(a) (2)	(b) (3)	(c) (4)	(d) (5)	(e) (6)	(f) (7)
	Number	Number	£'000	£'000	£'000	£'000	£'000
1938-39	311	17,263	2,633	52	4,273	3,696	8,021
1945-46	383	18,264	4,408	75	7,519	6,472	14,066
1956-57 (g)	474	21,432	15,234	257	22,221	21,222	43,700
1957-58 (g)	486	20,839	15,090	266	22,854	22,019	45,139
1958-59 (g)	482	20,449	15,148	275	25,221	22,530	48,026

(a) Average over the 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 produced.

(g) Includes details of Boot and Shoe Repairers (of which there were 38 establishments classified as factories in 1957-58) in Tasmania.

In the following table, particulars are given for each State during the year 1958-59.

TABLE II : BOOTS AND SHOES : STATES, 1958-59

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.(a)	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Factories	172	215	27	15	12	41	482
Persons Employed -							
Males	3,171	5,462	600	627	305	127	10,292
Females	3,198	5,769	482	468	207	33	10,157
<u>TOTAL:</u>	6,369	11,231	1,082	1,095	512	160	20,449
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Salaries and Wages Paid	4,751	8,328	760	886	333	90	15,148
Value of -							
Power, Fuel, Light, etc. used	85	155	11	15	7	2	275
Materials, etc. used	7,240	14,786	1,211	1,403	449	132	25,221
Production	6,998	12,731	924	1,284	426	167	22,530
Output	14,323	27,672	2,146	2,702	882	301	48,026
Land and Building (b)	1,585	2,915	198	258	166	132	5,254
Plant and Machinery (b)	781	2,684	245	420	142	35	4,307
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
H.P. of Engines ordinarily in use	4,812	10,153	936	940	575	156	17,572

(a) Includes details of Boot and Shoe Repairers - see note (g) above.

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

See also notes to Table 1 above.

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 1956-57 to 1958-59.

TABLE III : BOOT AND SHOE FACTORIES : 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
	£	£	£	%
1938-39	156	465	214	71.23
1945-46	246	770	354	68.10
1956-57 (c)	722	2,039	990	71.78
1957-58 (c)	736	2,166	1,057	68.53
1958-59 (c)	752	2,349	1,102	67.23

(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 following two tables show particulars of materials used in (i) Boot and Shoe Factories and (ii) Boot and Shoe Repairers classified as factories, and of Boots, Shoes and Slippers (other than Sandshoes, Goloshes and Gum etc. Boots of Rubber) produced in all factories in the year 1958-59.

TABLE IV : MATERIALS USED IN BOOT AND SHOE FACTORIES AND BY BOOT AND SHOE REPAIRERS
AUSTRALIA, 1958-59

Materials	Unit of Quantity	Boot and Shoe Factories		Boot and Shoe Repairers (a)	
		Quantity	Value (£)	Quantity	Value (£)
Leather -					
Sole (Soft) (b)	sq.ft.	993,979	98,087	14,835	4,307
Sole (c)	lb.	14,866,911	2,858,352	2,767,639	778,870
Upper (excl. Linings) (b)	sq.ft.	38,592,782	7,880,455	1,018,702	182,449
Upper (excl. Linings) (c)	lb.	1,836,471	337,999	4,665	1,285
Other (b)	sq.ft.	7,374,185	1,061,045	21,295	5,405
Other (c)	lb.	463,003	69,214	44,756	11,927
Felt Piece Goods	sq.yd.	1,482,311	388,032	1,585	531
Heels, Ready-made-					
Leather	doz.pair	291,413	361,625	37,769	34,697
Rubber	" "	94,063	105,601	51,414	47,721
Composition	" "	22,661	30,811	4,087	4,220
Soles, Ready-made -					
Leather	" "	455,333	963,676	95,526	186,973
Rubber	" "	124,709	294,184	18,302	30,456
Composition	" "	62,557	166,073	5,367	11,778

(a) Represents establishments classified as Factories

(b) Recorded by measurement.

(c) Recorded by weight.

TABLE V : BOOTS, SHOES AND SLIPPERS, ETC. PRODUCED (a)

AUSTRALIA 1952-59

Type of Construction	Men's and Youths'		Women's and Maids'		Children's (up to and including size 2)	
	Pairs	£	Pairs	£	Pairs	£
Boots, Shoes and Sandals						
Welded	2,146,756	6,487,623	368,514	1,001,146	232,971	291,445
McKay or F.S. (incl. Littleways)	1,354,420	1,620,613	435,016	752,799	298,596	440,504
Cemented or Welded (b)	511,040	847,328	9,247,599	19,509,252	901,742	1,042,707
Riveted and/or Screwed	935,404	1,961,833	1,028	1,573	28,198	36,880
Veldtschoens	1,178,917	2,329,042	511,054	798,039	2,074,537	2,775,861
Genuine Pumps	16,887	35,606	86,466	182,825	45,093	36,673
Vulcanized Moulded Rubber Soled	534,411	728,785	571,453	452,604	203,416	150,634
Moulded of or pred. of Plastic	389,498	345,451	424,247	233,560	1,557,137	462,715
Soft Soled Nursery - Infants	XXXXXX	XXXXXX	XXXXXX	XXXXXX	980,240	233,553
Total Boots, Shoes and Sandals	7,067,333	14,356,281	11,645,377	22,931,798	6,321,930	5,470,972
Slippers -						
Turn - Shoe	354,297	274,567	621,571	273,700	267,109	93,105
Cozy	16,672	15,416	840,531	299,836	170,786	57,192
Cemented on Welded (b)						
Leather Soled	113,136	146,889	570,763	547,440	46,212	18,737
Rubber Soled	45,867	44,413	492,911	530,295	41,325	29,317
Vulcanized Moulded Rubber Soled	1,165,072	876,872	1,853,980	1,217,840	954,833	406,335
Total Slippers	1,695,044	1,358,157	4,379,756	2,869,111	1,480,265	604,656

(a) Excludes Sandshoes, Goloshes and Gum, etc., Boots of Rubber.

(b) Includes Slipplasted.

In addition, the following relevant items were made during 1958-59 principally in establishments classified as Boot and Shoe Accessory Factories, viz:-

Boot and Shoe Uppers for sale to Boot and Shoe Manufacturers, 108,006 pairs £69,221
 Leather Soles (full) for sale as such, 425,315 doz. pairs, £917,323
 Leather Soles (half) for sale as such, 319,655 doz. pairs, £593,593
 Leather Heels for sale as such, 351,552 doz. pairs, £366,892
 Boot and Shoe Accessories (value only) £1,847,862.

The quantities and values of Boots and Shoes, Sandals and Slippers made in Australian factories are given in the next table for the years 1938-39, 1945-46 and 1956-57 to 1958-59.

TABLE VI : BOOTS AND SHOES, ETC. (a) 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	6,903	(b)	(b)	7,704	924
1945-46	14,046	10,564	2,795	950	6,779	1,409
1956-57	19,007	36,460	1,932	2,195	8,214	4,867
1957-58	19,054	36,767	2,334	2,372	9,153	5,178
1958-59	25,035	42,759	(b)	(b)	7,555	4,832

(a) Excludes Sandshoes, Goloshes and Gum, etc., Boots of Rubber.

(b) Included with Boots and Shoes.

4. EMPLOYMENT: The number of persons employed shown in Tables 1, 2 and 8 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 1956-57 to 1958-59.

TABLE VII : BOOT AND SHOE FACTORIES CLASSIFIED ACCORDING TO PERSONS EMPLOYED

AUSTRALIA

Number of Persons Employed in each Factory	1938-39		1945-46		1956-57 (a)		1957-58 (a)		1958-59 (a)	
	No. of Fac-tories	Number Em-ployed	No. of Fac-tories	Number Em-ployed	No. of Fac-tories	Number Em-ployed	No. of Fac-tories	Number Em-ployed	No. of Fac-tories	Number Em-ployed
Under 4	51	107	46	99	85	160	99	171	108	181
4	14	56	18	72	17	68	19	76	15	60
5 to 10	39	288	53	372	55	380	54	374	58	421
11 to 20	38	579	66	1,029	65	977	71	1,099	60	906
21 to 50	69	2,309	97	3,402	106	3,376	106	3,388	110	3,395
51 to 100	47	3,471	47	3,418	84	5,935	75	5,264	69	4,862
101 to 200	53	10,654	44	6,138	42	5,846	46	6,480	44	6,129
201 to 300			8	2,046	17	3,942	14	3,419	15	3,654
301 and over			4	1,790	3	948	2	688	3	1,015
TOTAL:	311	17,464	303	18,366	474	21,632	486	20,959	482	20,623
Average Number Employed per Factory	56		48		46		43		43	

(a) Includes details of Boot and Shoes Repairers in Tasmania.

Further details of employment are furnished in the two tables which follow. In Table 8 the numbers of males and females employed are shown for the years 1938-39, 1957-58 and 1958-59 according to the nature of their employment, but because of the change in classification of occupational status adopted in 1945-46, detailed comparison between 1938-39 and the later years shown is not possible.

TABLE VIII : BOOT AND SHOE FACTORIES

PERSONS EMPLOYED CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	Males			Females		
	1938-39	1957-58 (a)	1958-59 (a)	1938-39	1957-58 (a)	1958-59 (a)
Working Proprietors	303	281	254	34	47	42
Managerial and Clerical Staff, including Salaried Managers and Working Directors	) (	659	689	) (	677	695
Chemists, Draftsmen and other Laboratory and Research Staff	7,973	6	3	8,882	3	-
Foremen and Overseers	) (	827	812	) (	274	262
Workers in Factory (skilled and Unskilled)	) (	8,641	8,502	) (	9,401	9,120
Others, (including Carters, Messengers, etc.)	65	13	32	6	10	38
TOTAL	8,341	10,427	10,292	8,922	10,412	10,157

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

In the following table, the numbers of persons employed in June, for the years 1939, 1946 and 1957 to 1959 are shown according to age and sex distribution.

TABLE IX : BOOT AND SHOE FACTORIES
DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA
 (excluding Working Proprietors)

June	Under 15 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 (a)	460	(b)	(b)	(b)	(b)	(b)	1,252	6,347	8,059
1946 (a)	282	266	273	241	212	203	1,195	8,592	10,069
1957 (c) (d)	258	286	292	282	238	186	1,284	8,799	10,341
1958 (c) (d)	282	287	302	277	255	246	1,369	8,476	10,127
1959 (c) (d)	277	312	304	266	240	210	1,332	8,374	9,983
FEMALES									
1939 (a)	1,010	(b)	(b)	(b)	(b)	(b)	2,444	5,516	8,970
1946 (a)	302	346	370	420	362	315	1,813	7,422	9,537
1957 (c) (d)	303	270	293	331	270	177	1,341	6,915	10,559
1958 (c) (d)	321	356	332	292	247	247	1,474	8,539	10,334
1959 (c) (d)	287	353	319	274	228	190	1,372	8,364	10,023

(a) Pay day nearest 15th June.

(u) Details not collected.

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

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

TABLE X : BOOT AND SHOE FACTORIES
TYPES AND RATED HORSEPOWER OF ENGINES : AUSTRALIA

Class of Engine	Rated Horsepower of Engine					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1957-58 (a)	1958-59 (a)	1938-39	1957-58 (a)	1958-59 (a)
Steam - Reciprocating	260	-	-	10	-	-
Turbine	-	10	-	-	-	-
Internal Combustion -						
Gas	213	-	-	-	-	-
Petrol or other Light						
Oils	30	8	5	40	1,825	1,704
Heavy Oils	551	95	103	116	439	512
Water	-	-	-	-	-	-
Total, Prime Movers:	1,054	113	108	166	2,264	2,216
Motors driven by electricity -						
Purchased	5,619	16,550	17,464	239	576	1,219
Own Generation	(b) 228	-	-	2	8	8
Total, Electricity:	5,847	16,550	17,464	241	584	1,227
TOTAL POWER EMPLOYED:	6,673	16,663	17,572	407	2,848	3,443

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

(b) 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, etc., used are shown for the years 1938-39, 1957-58 and 1958-59 in the following table :-

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

Particulars	Unit of Quantity	Quantity			Value (£)		
		1938-39	1957-58 (a)	1958-59 (a)	1938-39	1957-58 (a)	1958-59 (a)
Power, Fuel and Light -							
Coal - Black	ton	393	50	-	652	200	-
Brown	"	124	45	22	207	126	58
Brown Coal Briquettes	"	(b)	36	43	(b)	206	246
Coke	"	1,040	7	9	1,457	83	96
Wood	"	6	16	-	3	70	-
Fuel Oil	'000 gal.	40	50	40	1,151	5,127	4,586
Tar (Fuel)	" "	(c)	1	-	(c)	59	-
Electricity	"	(d)	(d)	(d)	35,853	216,133	230,846
Gas	"	(d)	(d)	(d)	7,337	24,705	21,902
Other (Charcoal, etc.)	"	(d)	(d)	(d)	139	251	253
Water and Lubricating Oil Used	"	(d)	(d)	(d)	5,019	19,140	17,265
TOTAL:		(d)	(d)	(d)	51,818	266,100	275,252

(a) Includes details of Boot and Shoe Repairers 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 installed as at the 30th June for the years 1939, 1945 and 1957 to 1959 are shown in the next table. Details of the values of additions and replacements made and depreciation allowed during the same periods 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 : BOOT AND SHOE FACTORIES : 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	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
1956-57 (b)	4,267,368	3,714,540	236,262	338,662	6,162	206,818
1957-58 (b)	4,567,131	3,978,553	78,402	342,273	4,930	247,607
1958-59 (b)	5,253,801	4,307,352	228,478	448,023	4,480	248,838

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

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

8. EXTERNAL TRADE: The values of imports and exports of Footwear for the years 1938-39, 1945-46 and 1956-57 to 1958-59 are given in the following table.

TABLE XIII : IMPORTS AND EXPORTS OF FOOTWEAR : AUSTRALIA

(£A. f.o.b. Port of Shipment)

Type of Footwear	1938-39	1945-46	1956-57	1957-58	1958-59
<u>IMPORTS</u>					
Wholly of Leather -					
Men's	19,020	6,206	59,593	74,835	79,651
Women's and Children's	54,814	1,419	149,324	195,985	203,692
Part Leather and Part Fabric	18,139	34	55,266	56,984	61,349
Rubber -					
Gum and Wading Boots	609	20	6,396	10,511	8,960
Other Rubber Footwear	3,967	2	79,138	147,489	230,384
Other, including Slippers, Clogs and Pattens	43,427	2,376	114,557	186,187	246,183
Parts and Materials for Footwear	71,582	203			
<u>TOTAL:</u>	211,558	10,260	464,274	671,991	830,219
<u>EXPORTS</u>					
Wholly of Leather	11	87,495	55,863	62,404	37,404
Part Leather and Part Fabric	)	625	(a)	(a)	(a)
Rubber	7	1,332	7,731	4,214	2,720
Other	)	26,867	31,356	66,808	235,263
Parts and Materials for Footwear	(a)	130			
<u>TOTAL:</u>	22,951	116,449	94,950	133,426	275,387

(a) Included with Other Footwear.

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