

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

MANUFACTURING INDUSTRIES.
1939-40.

No. 27. TOBACCO, CIGARS AND CIGARETTES.

Prepared Under Instructions From

THE HONORABLE THE TREASURER

by

S. R. CARVER

Acting Commonwealth Statistician

11th August, 1941.

P R E F A C E

1. Industries included in the Series: The list of industries included in this series is the same as in previous years. Summaries of the various industries will appear as the information becomes available and not necessarily in any given order. The following have already been published, Nos. 1 to 7, 9 to 16, 19 to 25.
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 Tobacco, Cigars and Cigarettes, 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 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.

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Acting Commonwealth Statistician

Canberra, A.C.T.
11th August, 1961.

TOBACCO, CIGARS AND CIGARETTES.

The following table furnishes a summary of the principal statistics of the factories engaged in the manufacture of Tobacco, Cigars and Cigarettes.

1. TOBACCO, CIGARS AND CIGARETTES: AUSTRALIA, 1908 TO 1939-40.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light Used	Value of Other Materials Used	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1908	33	(c) 4,137	267	6	1,425	657	2,088
1913	36	(c) 3,566	374	4	1,651	1,058	2,713
1920-21	40	(c) 4,525	706	18	5,091	1,600	6,709
1928-29	23	(d) 4,130	809	24	4,428	2,361	6,813
1929-30	23	4,096	818	25	5,111	2,387	7,523
1930-31	22	4,154	807	25	4,831	1,986	6,842
1931-32	24	4,119	801	26	5,448	1,825	7,299
1932-33	30	4,142	812	23	4,824	1,745	6,592
1933-34	31	4,395	839	19	5,003	1,872	6,894
1934-35	29	4,818	891	19	5,373	1,824	7,216
1935-36	31	5,155	951	21	6,082	2,426	8,529
1936-37	32	5,447	997	30	6,345	2,340	8,715
1937-38	32	5,644	1,074	34	6,861	2,615	9,510
1938-39	30	5,544	1,096	34	7,081	2,685	9,800
1939-40	24	5,473	1,086	36	7,431	2,709	10,176

(a) Including Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors. (c) Average over period worked by factory. (d) For 1928-29 and succeeding years, the employment figures have been averaged over the whole year.

In the following table particulars of the Industry are given for each State during the year 1939-40.

2. TOBACCO, CIGARS AND CIGARETTES: STATES, 1939-40.

Particulars	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories	7	11	4	1	1	-	24
Number Employed (a)-							
Males ..	1,138	862	13	6	39	-	2,058
Females ..	1,933	1,337	13	3	129	-	3,415
Total ..	3,071	2,199	26	9	168	-	5,473
Value of -	£	£	£	£	£	£	£
Salaries and Wages Paid (b) ..	625,289	433,110	(c)	(c)	(c)	-	1,085,548
Fuel used ..	25,444	10,185	(c)	(c)	(c)	-	36,203
Materials used ..	5,023,214	2,336,516	(c)	(c)	(c)	-	7,430,702
Production ..	1,233,615	1,422,675	(c)	(c)	(c)	-	2,709,371
Output ..	5,282,273	3,769,376	(c)	(c)	(c)	-	10,176,276
Land and Building	633,420	345,932	(c)	(c)	(c)	-	1,019,160
Plant and Machinery	598,132	292,039	(c)	(c)	(c)	-	910,204
H.P. of Engines Ordinarily in use ..	3,755	1,360	(c)	(c)	(c)	-	5,195

(a) Includes Working Proprietors. (b) Exclusive of amounts drawn by Working Proprietors. (c) Not available for publication. These figures are included in the totals for Australia.

Particulars of the average salary and wage paid together with the average values per employee of output and production are shown in the following table for each of the years indicated:-

**3. AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE: AUSTRALIA,
1908 TO 1939-40.**

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
	£	£	£	%
1908	65	505	159	40.62
1913	106	761	297	35.34
1920-21	157	1,483	354	44.14
1928-29	197	1,650	572	34.25
1929-30	201	1,837	583	34.29
1930-31	195	1,647	478	40.65
1931-32	195	1,772	443	43.88
1932-33	197	1,591	421	46.54
1933-34	192	1,569	426	44.80
1934-35	186	1,498	379	48.85
1935-36	185	1,655	471	39.18
1936-37	184	1,600	429	42.60
1937-38	191	1,685	463	41.09
1938-39	198	1,768	484	40.81
1939-40	199	1,859	495	40.07

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

In the following table details are given of the amount of tobacco leaf used and the production of tobacco, cigars and cigarettes in Australia for the years ended June, 1939 and 1940.

4. TOBACCO FACTORIES: AUSTRALIA. 1938-39 AND 1939-40.

Particulars	1938-39		1939-40	
	Quantity	Value	Quantity	Value
Materials Used:	lb.	£	lb.	£
Stemmed Leaf used in:				
Tobacco manufacture -				
Australian Leaf ..	4,085,471	511,751	4,341,149	541,133
Imported Leaf ..	9,638,906	2,799,552	9,583,880	2,815,225
Totals:	13,724,377	3,311,303	13,925,029	3,356,458
Cigar Manufacture -				
Australian Leaf ..	-	-	-	-
Imported Leaf ..	260,129	91,419	230,388	79,642
Totals:	260,129	91,419	230,388	79,642
Cigarette Manufacture -				
Australian Leaf ..	403,652	71,403	388,981	68,512
Imported Leaf ..	6,111,830	2,331,883	6,707,144	2,501,621
Totals:	6,515,482	2,403,286	7,096,125	2,570,133
Total Australian Leaf ..	4,489,123	583,154	4,730,130	609,645
Total Imported Leaf ..	6,010,865	5,222,854	16,521,412	5,396,588
GRAND TOTAL ALL LEAF:	20,499,988	5,806,008	21,251,542	6,006,233
Other Materials used ..	-	197,490	-	380,237
TOTAL MATERIALS USED:	-	6,003,498	-	6,386,470
Articles produced:		(a)		(a)
Tobacco - Plug ..	2,530,524	675,187	2,618,001	729,843
Flake cut (d) ..	7,257,657	2,662,882	7,791,351	2,801,527
Fine Cut ..	6,517,129	2,234,257	6,161,043	2,074,132
Cigars (b) ..	237,543	249,037	207,934	222,264
Cigarettes (c) ..	6,730,904	3,961,505	7,281,828	4,336,715
Refuse Waste and Clipping Sold ..	1,352,816	1,017	1,340,067	1,021
Value of Unrecorded Production including other work done ..	-	16,528	-	10,774
TOTAL VALUE OF OUTPUT:	-	9,800,413	-	10,176,276

(a) Exclusive of Excise Duty. (b) Number of Cigars 28.9 and 24.3 million respectively. (c) Number of Cigarettes, 3,086 and 3,359 million respectively. (d) Details of Flake Cut include, in some instances, Tobacco - Fine Cut.

For comparative purposes, the following table sets out particulars of the amount of tobacco leaf used and the production of tobacco, cigars and cigarettes during each of the years indicated:-

5. Tobacco Factories: AUSTRALIA, 1908 TO 1939-40.

Year	Tobacco Leaf Used		Tobacco made	Cigars made	Cigarettes made
	Australian	Imported	lb.	lb.	lb.
1908	1,636,578	9,353,231	9,838,115	274,823	1,522,398
1913	1,309,330	10,367,769	9,956,045	405,901	2,767,550
1920-21	1,738,902	14,896,570	13,267,627	543,739	5,324,307
1927-28	1,007,089	17,613,104	15,096,949	390,336	5,391,271
1928-29	978,030	18,157,689	15,677,900	338,873	5,357,782
1929-30	1,191,568	17,983,113	16,264,402	306,740	5,371,005
1930-31	3,128,684	13,327,414	14,241,779	223,884	4,224,837
1931-32	2,349,041	14,075,575	14,084,193	225,128	4,190,854
1932-33	2,721,893	14,103,436	14,788,145	253,985	4,362,198
1933-34	3,306,790	13,718,454	14,656,195	258,771	4,576,615
1934-35	3,351,623	13,767,528	14,526,735	253,069	4,812,934
1935-36	3,652,899	14,662,182	15,277,099	283,097	5,304,632
1936-37	4,249,287	15,040,012	15,733,223	262,481	5,659,071
1937-38	4,230,809	15,992,993	16,261,872	255,781	6,325,183
1938-39	4,489,123	16,010,865	16,305,310	237,543	6,730,904
1939-40	4,730,130	16,521,412	16,570,395	207,934	7,281,828

The number of employees in Table 2 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.

6. Factories Classified According to Hands Employed: AUSTRALIA, 1908 TO 1938-39.

Number of Persons Employed in each Factory	1908		1913		1920-21		1928-29		1938-39 (a)	
	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	-	-	1	3	2	5	1	1	3	5
4	-	-	6	24	3	12	1	4	1	4
5 to 10	13	85	7	48	10	77	3	18	5	37
11 to 20	6	98	6	73	7	95	6	85	7	96
21 to 50	3	92	6	155	8	263	3	79	1	22
51 to 100	4	275	2	150	3	205	2	144	4	259
Over 100	7	3,587	8	3,113	7	3,868	7	3,806	9	5,165
TOTAL:	33	4,137	36	3,566	40	4,525	23	4,137	30	5,588
Average number employed per factory	125		99		113		180		186	

(a) 1939-40 not yet available.

Further details of employment in the industrial group - Tobacco, Cigars and Cigarettes - are furnished in the next three tables. In the first the employees have been classified according to the nature of their employment.

/7. PERSONS

**7. PERSONS EMPLOYED CLASSIFIED ACCORDING TO GRADE OF OCCUPATION:
AUSTRALIA, 1908 TO 1939-40.**

Grade of Occupation	1908	1913	1920-21	1928-29	1938-39	1939-40
	No.	No.	No.	No.	No.	No.
Working Proprietors ..	29	23	28	24	18	14
Managers and Overseers ..	98	115	119	115	197	192
Clerical Staff ..	92	108	167	180	301	314
Engine Drivers and Firemen	19	10	7	4	17	17
Workers, Skilled and Unskilled	3,887	3,289	4,183	3,769	4,958	4,879
Other (Carters and Messengers)	12	21	21	38	53	57
TOTAL:	4,137	3,566	4,525	4,130	5,544	5,473

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 1938-39 and 1939-40.

**8. PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH:
AUSTRALIA, 1938-39 AND 1939-40.
(Working Proprietors Excluded)**

Month	1938-39			1939-40		
	Males	Females	Total	Males	Females	Total
	No.	No.	No.	No.	No.	No.
July ..	2,130	3,519	5,649	2,071	3,389	5,460
August ..	2,123	3,554	5,677	2,071	3,420	5,491
September	2,135	3,567	5,702	2,072	3,410	5,482
October..	2,122	3,602	5,724	2,090	3,485	5,575
November	2,110	3,624	5,734	2,068	3,484	5,552
December	2,107	3,607	5,714	2,077	3,478	5,555
January..	2,091	3,436	5,527	2,045	3,419	5,464
February	2,090	3,478	5,568	2,045	3,400	5,445
March ..	2,096	3,432	5,528	2,059	3,377	5,436
April ..	2,078	3,420	5,498	2,078	3,419	5,497
May ..	2,069	3,402	5,471	2,072	3,448	5,520
June ..	2,072	3,399	5,471	2,079	3,456	5,535
AVERAGE:	2,102	3,503	5,605	2,069	3,432	5,501

A classification of the number of employees according to age on or about the 15th June, 1940 is shown in the next table:-

9. PERSONS EMPLOYED CLASSIFIED ACCORDING TO AGE, JUNE 1940.

Sex	Under 16 years	16 and under 21 years	Adults	Total
	No.	No.	No.	No.
Males	18	293	1,768	2,079
Per Cent of Total	1%	14%	85%	100%
Females.. ..	51	1,470	1,935	3,456
Per Cent of Total	1%	43%	46%	100%
Persons.. ..	69	1,763	3,703	5,535
Per Cent of Total	1%	32%	67%	100%

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 for the years 1938-39 and 1939-40.

/10. POWER

10. POWER EMPLOYED TO DRIVE MACHINERY - AUSTRALIA.

Class of Engine	Rated H.P. of Engines			
	Ordinarily in Use		In Reserve or Idle	
	1938-39	1939-40	1938-39	1939-40
Steam - Reciprocating ..	1,672	1,671	700	700
Turbine ..	-	-	-	-
Internal Combustion -				
Gas ..	-	-	-	-
Petrol or Other Light Oils ..	3	3	-	-
Heavy Oils ..	-	-	-	-
Water ..				
Total Prime Movers ..	1,675	1,674	700	700
Motors driven by electricity -				
Purchased..	2,935	3,521	633	615
Own Generation ..	2,356	2,220	413	390
Total Electricity ..	5,291	5,741	1,046	1,005
TOTAL POWER USED (a):	4,610	5,195	1,746	1,705

(a) Without Duplication.

Details of the quantities and values of the various items of power, fuel and light used in Tobacco Factories are shown in the following table:-

11. POWER, FUEL AND LIGHT ETC. USED: AUSTRALIA. 1939-40.

Particulars	Unit of Quantity	Quantity	Value £
Coal - Black ..	Ton	9,042	12,532
Brown ..	"	56	98
Coke ..	"	286	438
Wood ..	"	93	89
Fuel Oil ..	Gallon	4,206	51
Electricity ..	-	(a)	17,607
Gas ..	-	(a)	739
Other (Chaffers, etc. ..	-	(a)	-
Water used ..	-	(a)	4,036
Lubricating Oil ..	-	(a)	613
TOTAL:		Value Only	38,203

(a) Value only available.

Particulars of the book values of premises occupied and plant used in Tobacco Factories at the 30th June for each of the five years ended 1940 are shown in the next table. In addition, details of the values of additions and replacements made and depreciation allowed during the year 1939-40 are also shown. It should be noted that the amounts expended in Additions and Replacements refer to expenditure incurred by existing factories and do not include the cost of erecting and equipping new factories; these latter items, however, are included with the book values shown at 30th June. The amounts shown for Depreciation are those returned by factories. Changes in the number of factories operating and other factors affect comparison from year to year.

12. VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY: AUSTRALIA. 1939-40

Particulars	Land and Buildings £	Plant and Machinery £
Additions and Replacements made during year (a)	13,399	25,035
Depreciation allowed during year (a) ..	28,885	62,791
Book Value (a) as at 30th June -		
1940 ..	1,019,160	910,204
1939 ..	1,041,798	942,644
1938 ..	1,030,344	932,827
1937 ..	1,001,236	870,430
1936 ..	936,521	726,713

(a) See Note above.

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The next table furnishes particulars of the quantities of Tobacco, Cigars, Cigarettes and Snuff imported and exported for each of the years indicated:-

13. IMPORTS AND EXPORTS OF TOBACCO, CIGARETTES AND SNUFF:
AUSTRALIA, 1908 TO 1939-40.

Year	Tobacco		Cigars	Cigarettes	Snuff
	Manufactured	Unmanufactured			
IMPORTS					
	lb.	lb.	lb.	lb.	lb.
1908	1,378,466	12,886,746	379,519	109,315	7,911
1913	1,902,435	15,805,442	433,279	167,026	5,177
1920-21	857,842	21,954,648	126,690	169,316	3,936
1928-29	1,070,251	21,137,672	108,692	1,019,514	3,439
1929-30	882,008	20,283,813	87,443	879,112	3,282
1930-31	330,545	22,393,045	18,218	189,617	2,327
1931-32	81,238	15,119,305	3,668	32,493	2,645
1932-33	53,340	14,631,705	4,455	31,861	2,739
1933-34	52,930	11,633,955	9,010	40,660	1,609
1934-35	58,582	17,041,057	9,614	57,126	2,087
1935-36	212,980	19,532,629	9,802	126,648	1,612
1936-37	555,837	20,710,865	10,206	134,894	1,909
1937-38	701,312	23,292,338	9,996	107,686	2,185
1938-39	631,770	22,666,001	9,474	118,065	1,795
1939-40	530,340	(a)	5,228	296,425	1,976
EXPORTS					
	lb.	lb.	lb.	lb.	lb.
1908	1,376,028	45,745	10,111	5,856	2
1913	1,106,907	630,444	11,158	12,853	-
1920-21	1,893,370	1,052,159	13,640	69,058	-
1928-29	2,378,170	15,717	3,485	50,526	-
1929-30	2,040,336	3,674	3,199	44,301	-
1930-31	1,604,094	25,469	1,635	28,591	-
1931-32	1,272,366	33,270	737	32,283	-
1932-33	1,061,853	258,900	686	27,849	-
1933-34	786,842	13,994	1,473	32,501	-
1934-35	788,744	4,222	1,943	34,435	-
1935-36	1,059,835	43	1,963	27,061	-
1936-37	1,180,261	311	2,532	22,759	-
1937-38	1,261,717	3,314	3,001	26,485	50
1938-39	1,588,092	428,667	2,447	18,133	-
1939-40	926,358	685,542	3,671	52,346	-

(a) Not available for publication.

The following table shows the weekly minimum rates of wage and hours of labour in operation at 30th June, 1940, as prescribed by Commonwealth and State Industrial Tribunals. Where no rate is shown it indicates that the particular occupation is not specifically provided for.

14. TOBACCO CIGARS AND CIGARETTES.

Minimum Weekly Rates of Wage and Hours of Labour
as at 30th June, 1940.

New South Wales		Victoria		Queensland	
Occupation	Weekly Wage	Occupation	Weekly Wage	Occupation	Weekly Wage
Cigar Makers (State) Award		Cigar Trade Determination (State)		Tobacco Manufacturing and Grading (State) Award	
44 Hour Week		44 Hour Week		44 Hour Week	
Any person engaged in Stripping and Booking Cigar Leaf and Bunch Wrappers-		Adult Males -		Adult Employees including tobacco graders	
First 3 months..	15/-	Stripping & Booking Cigar Leaf ..	95/6	Males- 1st year..	87/-
Second 3 months..	17/6	Stripping fillers ..	92/-	2nd year..	99/-
Second 6 months..	25/-	All others ..	92/-	3rd year..	111/-
Thereafter -		Adult Females-		Females- 1st year	45/-
Leaf strippers ..	63/6	Stripping & Booking Cigar Leaf..	55/6	2nd year	54/-
Bunch wrappers ..	53/-	Stripping fillers ..	51/6	3rd year	62/6
		All others ..	48/-		

14. TOBACCO CIGARS AND CIGARETTES.
(CONTINUED)

New South Wales		Victoria		Queensland	
Occupation	Weekly Wage	Occupation	Weekly Wage	Occupation	Weekly Wage
<u>Cigar Makers (State Award)</u> <u>44 Hour week</u>		<u>Cigar Trade Determination (State)</u> <u>44 Hour week</u>		<u>Tobacco Manufacturing and Grading (State)</u> <u>Award</u> <u>44 Hour week</u>	
Any person engaged in the Liquoring or Sorting of Tobacco -		Apprentices -		Juniors - Males	
First 3 months ..	15/-	First year -		15 years ..	26/-
Second 3 months ..	17/6	1st 6 months ..	15/-	16 years ..	33/6
Second 6 months ..	25/-	2nd 6 months ..	17/6	17 years ..	41/-
Thereafter - ..	40/-	Second year ..	25/-	18 years ..	53/6
		Third year ..	33/6	19 years ..	63/6
		Fourth year ..	42/6	20 years ..	73/6
Adult Males ..	90/6	Juveniles - Males ..		Juniors - Females	
Adult Females ..	52/-	Turning bunches -		15 years ..	18/-
Juveniles -		First year -		16 years ..	23/-
Males - 14 years	15/-	1st 3 months ..	15/-	17 years ..	30/6
15 years	17/6	2nd 3 months ..	17/6	18 years ..	33/-
16 years	20/-	3rd 3 months ..	20/-	19 years ..	35/6
17 years	27/6	4th 3 months ..	20/-	20 years ..	40/6
18 years	31/-	Second year -		Male adult employees	
19 years	43/6	1st 6 months ..	27/6	in Mackay and Northern Divisions to receive 5/6 and 10/- per week respectively over and above the rates for adult males prescribed above. Female and junior employees in the Mackay and Northern Divisions to receive 2/9 and 5/- per week respectively over and above the rates prescribed above.	
20 years	54/-	2nd 6 months ..	32/6		
Females - 14 years	15/-	Third year ..	42/6		
15 years	17/6	Fourth year ..	54/-		
16 years	20/-	Stripping fillers ..			
17 years	22/6	First year -			
18 years	25/-	1st 3 months ..	15/-		
19 years	30/-	2nd 3 months ..	17/6		
20 years	35/-	3rd 3 months ..	20/-		
		4th 3 months ..	22/6		
		Thereafter piece work rates ..			
		Any other class of work for which wage does not exceed 92/- per week	15/- to 56/6		
		Juveniles - Females			
		Stripping and booking cigar bunch wrapper leaf -			
		1st year ..	28/6		
		2nd year ..	39/6		
		Thereafter minimum wage ..			
		Stripping fillers			
		1st 3 months ..	15/-		
		2nd 3 months ..	17/6		
		3rd 3 months ..	20/-		
		4th 3 months ..	22/6		
		Thereafter piece work rates ..			
		Any other class of work not exceeding 48/- per week ..	15/- to 36/6		

Note: Piece work rates predominate in this Industry. No award or agreement has been gazetted in South Australia, Western Australia or Tasmania.