

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA,
AUSTRALIA.

MANUFACTURING INDUSTRIES.
1953-54.

No. 10. COTTON MILLS.

PREPARED UNDER INSTRUCTIONS FROM
THE RIGHT HONORABLE THE TREASURER,

BY

S. R. CARVER,
ACTING COMMONWEALTH STATISTICIAN.

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P R E F A C E

1. GENERAL: The Bulletins in the series for 1953-54 are listed on the back of the cover of this Bulletin and incorporate the same range of industries as the 1952-53 series.

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 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 Wood 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. BASES OF THE STATISTICS: The scope of the factory statistics is fully explained in the annual Secondary Industries Bulletin.

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.

S. R. CARVER
ACTING COMMONWEALTH STATISTICIAN

MANUFACTURING INDUSTRIES : AUSTRALIA - 1953-54COTTON MILLS

INTRODUCTION: Statistics showing the development of factories engaged in the treatment of Cotton were not available prior to 1923 - 24. In that year provision was made for details relating to the industry to be extracted from those of other textile factories and shown as separate sub-classes of industry. The first available dissection showed that there were 7 factories employing 371 persons engaged in the industry, including 3 establishments in Queensland engaged in the ginning of cotton seed grown in that State.

Some assistance was given to the industry by the provision of a bounty on the production of cotton yarn between the years 1926 and 1932 but this was subsequently replaced by protective customs duty. This assisted in the development of the industry and by 1933-34 there were 24 factories employing 2,012 persons engaged in Cotton spinning and weaving. Eight of these were in New South Wales and sixteen in Victoria. By 1938-39 these had increased to 13 in New South Wales employing 1,716 persons, and 20 in Victoria employing 1,873 persons. In 1939-40 Cotton Mills were established in South Australia and later in Queensland. In 1953-54 there were 96 factories engaged in these four States in the Spinning and Weaving of Cotton, employing 9,470 persons. The details contained in the several tables published in this Summary exclude particulars relating to the two factories engaged in ginning cotton in Queensland.

COTTON SPINNING AND WEAVING

1. SUMMARY OF STATISTICS: The following table furnishes a summary of the principal statistics of factories engaged in the spinning and weaving of Cotton for the years 1938-39, 1945-46 and 1951-52 to 1953-54. 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.

TABLE 1 : COTTON SPINNING AND WEAVING : AUSTRALIA

Year	Factories (1)	Persons Employed (2)(a)	Salaries & Wages Paid (3)(b)	Power, Fuel and Light, etc. Used (4)(c)	Value of Materials etc. Used (5)(d)	Value of Production (6)(e)	Value of Output (7)(f)
	Number	Number	£'000	£'000	£'000	£'000	£'000
1938-39	33	3,589	493	50	1,357	979	2,386
1945-46	78	7,253	1,715	150	4,560	3,227	7,537
1951-52	94	8,840	5,297	554	20,803	9,272	30,629
1952-53	93	7,673	5,090	551	14,747	8,126	23,424
1953-54	96	9,470	6,602	690	18,083	10,809	29,582

(a) Average over whole year; includes Working Proprietors.

(b) Excludes amounts drawn by Working Proprietors.

(c) Includes Water and Lubricating Oil.

(d) Includes value of containers, packing, etc., tools replaced and repairs to plant.

(e) Value of production equals column (7), less total of columns (4) and (5).

(f) Value of goods produced.

In the next table a summary of the principal statistics of factories engaged in Cotton Spinning and Weaving is given on a State basis for 1953-54.

TABLE 2 : COTTON SPINNING AND WEAVING : STATES, 1953-54

Particulars	N.S.W.	VICTORIA	Q'LD.	S.A.	W.A.	TAS.	AUSTRALIA
Number of Factories	45	46	2	3	-	-	96
Number Employed -							
Males ..	1,972	1,957	(a)	(a)	-	-	4,520
Females ..	2,265	2,140	(a)	(a)	-	-	4,950
Total ..	4,237	4,097	(a)	(a)	-	-	9,470
Salaries and Wages Paid	£ 2,914,282	£ 2,897,213	£ (a)	£ (a)	£ -	£ -	£ 6,601,529
Value of -							
Power, Fuel and Light etc.							
Used ..	331,618	248,339	(a)	(a)	-	-	689,676
Materials, etc. Used ..	8,760,941	7,941,319	(a)	(a)	-	-	18,083,285
Production ..	5,149,337	4,658,343	(a)	(a)	-	-	10,808,820
Output ..	14,241,896	12,848,001	(a)	(a)	-	-	29,581,781
Land and Buildings (b)	1,821,670	1,930,718	(a)	(a)	-	-	4,104,323
Plant and Machinery (b)	2,434,155	1,533,682	(a)	(a)	-	-	4,411,199
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Horse Power of Engines							
Ordinarily in Use ..	13,485	15,163	(a)	(a)	-	-	33,201

(a) Not available for publication. (b) Depreciated or book values at end of year.

See also notes to Table 1 on previous page.

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 1951-52 to 1953-54.

TABLE 3 : 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	138	665	273	50.38
1945-46	237	1,094	445	53.13
1951-52	602	3,465	1,049	57.13
1952-53	666	3,053	1,059	62.64
1953-54	699	3,124	1,141	61.08

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

(b) Includes Working Proprietors.

3. MATERIALS USED AND ARTICLES PRODUCED: In the following table details are given of the quantities of raw cotton used and cotton yarn, etc. produced in Cotton carding and spinning in Australia for the years 1938-39, 1945-46 and 1952-53 to 1954-55.

**TABLE 4 : COTTON CARDING AND SPINNING : RAW COTTON USED AND YARN, ETC.
PRODUCED IN COTTON MILLS : AUSTRALIA
('000 lb.)**

Item	1938-39	1945-46	1952-53	1953-54	1954-55(a)
Raw Cotton used ..	14,117	25,329	30,125	42,738	(b)
Articles Produced:					
Cotton Yarn -					
Weaving ..	(c)	(c)	17,210	21,468	24,071
Condenser ..			2,587	3,041	2,975
Knitting ..			4,544	6,646	7,028
Tyre Cord ..			1,848	4,705	4,745
Cordage ..			1,162	1,821	1,830
Other ..			274	421	502
Total Cotton Yarn	11,692	23,954	27,625	38,102	41,151
Cotton Waste ..	(d)	8,573	5,713	6,060	(b)

(a) Preliminary; subject to revision. (b) Not yet available. (c) No dissection collected prior to 1949-50. (d) Not available for publication.

The following table shows particulars of the quantities and values of the principal yarns used and articles produced in the weaving sections of Cotton Mills during the year 1953-54. Some of the articles produced in Cotton Mills are also produced in other establishments and the table accordingly shows separate particulars of these articles produced in (i) Cotton Mills, and (ii) all factories (including Cotton Mills).

**TABLE 5 : COTTON WEAVING : YARN USED AND ARTICLES PRODUCED : AUSTRALIA
1953-54.**

Yarn Used	Quantity '000 lb.	Articles Produced	Cotton Mills		All Factories	
			Quantity lb.	Value £'000	Quantity lb.	Value £'000
Cotton -		Cotton Sewing Thread -				
Mercerised	391	Heavy Counts, 12's-8's	(a)	(a)	(a)	(a)
Other	26,908	Light Counts, over 12's	(b) 1,040,472	(b) 1,101	1,040,472	1,101
Woollen		Cotton Narrow Fabrics	cwt.		cwt.	
(including		Cotton Tape	1,452	263	1,452	263
Worsted)	86	Other	(c)	(b) 487	(c)	487
		Towels -	dozens		dozens	
		Up to and incl. 22" wide	299,466	739	299,466	739
Rayon -spun	281	Over 22" wide	(b) 360,521	(b) 1,755	360,521	1,755
filament	471	Cotton Piece Goods:-	sq.yds.		sq.yds.	
Other	251	Towelling (incl. Baby				
		Napkins)	(b) 1,482,339	(b) 698	1,482,339	698
		Dress Fabrics and				
		Shirts	(b) 2,008,576	(b) 356	2,008,576	356
		Cotton Tweed	3,019,425	1,242	3,019,425	1,242
		Denims, Dungarees, Etc.	(b) 1,739,967	(b) 560	1,739,967	560
		Canvas and Duck (d)	(b) 8,140,903	(b) 3,312	8,140,903	3,312
		Drills, Jeans, etc.	10,745,814	3,092	11,713,550	3,374
		Upholstery and all other				
		Furnishing Fabrics	774,315	386	1,034,562	542
		Other				
		Close Weave	(b) 4,478,506	(b) 859	4,478,506	859
		Open Weave (incl. Tyre	lb.		lb.	
		Cord Fabric etc.)	2,721,197	1,290	2,721,197	1,290

(a) Not available for publication.

(b) Includes production in other works, details of which are not available for separate publication.

(c) Value only available.

(d) Includes Flax Canvas.

In the next table, the output of the principal woven cotton products from all factories are shown for the years 1938-39, 1945-46 and 1952-53 to 1954-55.

TABLE 6 : ALL FACTORIES : PRINCIPAL WOVEN COTTON PRODUCTS : AUSTRALIA

Year	Towels	Towelling (Incl. Baby Napkins)	Canvas and Duck	Drills Jeans etc.	Denims Dungarees etc.	Cotton Tweed	Other Close Weave Cotton Piece Goods (a)
	'000doz.	'000sq.yds	'000sq.yds	'000sq.yds	'000sq.yds	'000sq.yds	'000sq.yds.
1938-39	476	(b)	(c)	(c)	(c)	3,560	(d)
1945-46	354	391	6,633	4,974	(c)	1,432	7,457
1952-53	627	1,046	(e)8,335	8,346	809	1,523	5,657
1953-54	660	1,482	(e)8,141	11,714	1,740	3,019	7,522
1954-55(f)	666	1,410	(e)10,938	10,858	1,458	1,937	8,533

(a) Excludes Tyre Cord Fabric and other open Weave Fabrics.

(b) Included with Towels.

(c) Not available for publication.

(d) Not available.

(e) Includes some flax canvas.

(f) Preliminary; subject to revision.

4. EMPLOYMENT: The number of employees 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 1951-52 to 1953-54.

TABLE 7 : COTTON MILLS : CLASSIFIED ACCORDING TO PERSONS EMPLOYED : AUSTRALIA

No. of Persons employed in each Factory	1938-39		1945-46		1951-52		1952-53		1953-54	
	No. of Fac- tories	No. of Em- ployed	No. of Fac- tories	No. of Em- ployed	No. of Fac- tories	No. of Em- ployed	No. of Fac- tories	No. of Em- ployed	No. of Fac- tories	No. of Em- ployed
Under 4	2	5	4	11	8	14	12	25	8	18
4	-	-	3	12	3	12	2	8	3	12
5 to 10	6	51	14	101	14	103	13	89	16	102
11 to 20	4	65	10	149	14	186	14	213	11	159
21 to 50	6	256	16	502	20	567	21	652	27	878
51 to 100	4	298	12	785	11	805	8	614	7	545
101 to 200	11	2,940	7	1,049	10	1,509	9	1,389	7	1,065
201 to 300			5	1,326	5	1,314	8	2,021	7	1,852
301 to 400			3	1,031	5	1,774	3	1,017	4	1,300
401 and over			4	2,295	4	2,577	3	1,723	6	3,550
<u>Total:</u>	33	3,615	78	7,261	94	8,861	93	7,751	96	9,481
<u>Average Number Employed per Factory</u>	110		93		94		83		99	

Further details of employment are furnished in the following two tables. In Table 8 the numbers of males and females employed in Cotton Spinning and Weaving are shown for the years 1938-39, 1952-53 and 1953-54 according to the nature of their employment, but because of the change in classification of occupational status adopted in 1945-46, group comparison between 1938-39 and the later years shown is not possible.

TABLE 8 : COTTON MILLS : PERSONS EMPLOYED CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA.

Occupational Status	Males			Females		
	1938-39	1952-53	1953-54	1938-39	1952-53	1953-54
Working Proprietors ..	21	22	24	1	6	8
Managerial and Clerical Staff including Salaried Managers and Working Directors ..	) (	333	363	) (	325	447
Chemists, Draftsmen and Other Laboratory and Research Staff ..	1,346	22	15	2,221	11	14
Foremen and Overseers ..	) (	280	304	) (	66	58
Workers in Factory (Skilled and Unskilled) ..	) (	3,084	3,810	) (	3,506	4,416
Others (Carters, Messengers, etc.) ..	-	4	4	-	14	7
Total:	1,367	3,745	4,520	2,222	3,928	4,950

In the following table the number of persons employed in the spinning and weaving of Cotton in June in the years 1939, 1946 and 1952 to 1954 are shown according to age and sex distribution.

**TABLE 9 : COTTON MILLS : 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 (a)	146	(b)	(b)	(b)	(b)	(b)	365	848	1,359
1946 (a)	116	91	101	126	97	85	500	3,023	3,639
1952 (c)	70	68	63	68	55	53	307	3,454	3,831
1953 (c)	66	63	67	85	71	87	373	3,606	4,045
1954 (c)	88	83	92	89	76	116	456	4,181	4,725
FEMALES									
1939 (a)	310	(b)	(b)	(b)	(b)	(b)	878	1,123	2,311
1946 (a)	144	147	199	245	230	273	1,094	2,688	3,926
1952 (c)	72	110	116	142	153	129	650	3,357	4,079
1953 (c)	104	141	151	182	154	120	748	3,474	4,326
1954 (c)	119	141	150	187	156	137	771	4,321	5,211

- (a) Pay day nearest 15th June.
 (b) Details not collected.
 (c) Last pay day in June.

5. **POWER EQUIPMENT:** Statistics of the power equipment of the factories included in this group 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 10 : COTTON MILLS : TYPES AND RATED HORSE-POWER OF ENGINES : AUSTRALIA

Class of Engine	Rated Horse-Power of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1952-53	1953-54	1938-39	1952-53	1953-54
Steam - Reciprocating ..	36	-	-	-	-	-
Turbine ..	-	-	-	-	-	-
Internal Combustion -						
Gas ..	-	-	-	-	-	-
Petrol or Other Light Oils ..	-	861	217	-	243	956
Heavy Oils ..	-	5,356	1,948	-	763	4,321
Water ..	-	-	-	-	-	-
Total, Prime Movers:	36	6,217	2,165	-	1,006	5,277
Motors Driven by Electricity -						
Purchased ..	8,067	30,300	31,036	87	3,344	3,929
Own Generation ..	-	(a) 561	(a) 2	-	318	69
Total, Electricity:	8,067	30,861	31,038	87	3,662	3,998
TOTAL POWER EMPLOYED:	8,103	36,517	33,201	87	4,668	9,275

(a) These Motors are driven by electricity generated by prime movers and to avoid duplication are excluded from statistics of total power employed.

6. **MACHINE EQUIPMENT:** Particulars of the principal machine equipment installed in Cotton Mills in Australia at the end of the years 1952-53 and 1953-54 are shown in the following table.

TABLE 11 : MACHINERY INSTALLED (a) IN COTTON MILLS - AUSTRALIA

Description of Machines	At 30th June, 1953		At 30th June, 1954	
Carding Machines - Flat ..	1,013		1,003	
Condenser Finisher ..	85		71	
Combing Machines ..	22 - Deliveries 129 197 - Heads 926		20 - Deliveries 114 199 - Heads 918	
	Number	Total Spindles	Number	Total Spindles
Speed Frames - Slubbing ..	63	6,106	63	6,098
Intermediate ..	121	16,306	121	17,162
Roving ..	120	21,082	108	19,102
Spinning Frames - Ring and/or Mule ..	657	233,696	666	236,020
Twisting Frames ..	266	48,786	256	45,114
Winding Frames (excluding Pirm Winding) ..	420	20,098	440	28,490
Pirm Winding Frames ..	140	3,183	179	10,870
Warping Machines ..	103		104	
Sizing Machines ..	32		32	
Dry Beaming Machines ..	21		23	
	Broad (b)	Narrow (c)	Broad (b)	Narrow (c)
Looms - Automatic ..	1,153	1,030	1,205	979
Non-Automatic ..	365	909	388	999

(a) Including all machines capable of being operated whether active or idle, or in reserve.

(b) With capacity to weave cloth 54 inches or more in width

(c) " " " " less than 54 inches in width.

7. **POWER, FUEL AND LIGHT, ETC. USED:** Details of the quantities and values of the various items of power, fuel and light used in Cotton Spinning and Weaving during the years 1938-39, 1952-53 and 1953-54 are shown in the following table.

TABLE 12 : COTTON MILLS : POWER, FUEL AND LIGHT, ETC. USED : AUSTRALIA

Particulars	Unit of Quantity	Quantity			Value (£)		
		1938-39	1952-53	1953-54	1938-39	1952-53	1953-54
Power, Fuel and Light -							
Coal - Black	ton	4,023	9,577	12,210	6,190	50,984	70,835
Brown	"	576	17,153	16,239	742	26,570	27,798
Brown Coal Briquettes	" (a)		126	550	(a)	631	2,641
Coke	"	215	46	48	449	333	377
Wood	"	-	181	30	-	504	118
Fuel Oil	gallon	43,000	1,091,813	951,713	1,084	112,125	74,117
Tar (Fuel)	"	-	-	-	-	-	-
Electricity	-	(b)	(b)	(b)	38,880	287,452	431,123
Gas	-	(b)	(b)	(b)	105	3,713	2,034
Other (Charcoal, etc.)	-	(b)	(b)	(b)	-	30,863	35,815
Water and Lubricating Oil Used	-	(b)	(b)	(b)	2,561	37,774	44,818
TOTAL:		(b)	(b)	(b)	50,011	550,949	685,676

(a) Included with Brown Coal.

(b) Value only available.

8. **VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY:** Particulars of the book values of premises occupied and plant installed in Cotton Spinning and Weaving at the 30th June for the years 1938-39, 1945-46 and 1951-52 to 1953-54 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 13 : COTTON MILLS : VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY, ETC. : AUSTRALIA.
(£)

Year	Book Value as at 30th June (a)		Additions and Replacements made during the Year		Depreciation Allowed during the Year	
	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery
1938-39	703,790	735,529	86,270	219,021	6,507	66,596
1945-46	1,529,150	1,913,775	61,750	177,955	25,972	264,975
1951-52	3,694,521	4,214,409	137,826	696,942	8,533	501,373
1952-53	3,950,634	4,369,800	107,568	509,915	9,866	321,515
1953-54	4,104,323	4,411,199	112,896	513,305	9,146	526,328

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

10. EXTERNAL TRADE: Details of the quantities and values of imports and exports of a number of items included in the group - Cotton Spinning and Weaving - are given for the years 1938-39, 1945-46 and 1951-52 to 1953-54 in the following tables.

TABLE 14 : IMPORTS OF COTTON, COTTON PIECE GOODS, YARN, ETC. : AUSTRALIA

Particulars	Unit of Quantity	Quantity				
		1938-39	1945-46	1951-52	1952-53	1953-54
Cotton - Raw	.. '000 lb.	11,790	26,494	43,296	24,796	44,203
Linters	.. "	378	676	2,227	705	2,132
Waste	.. "	398	978	9,384	4,070	10,489
Cotton Yarn - Mercerised	.. "	1,038	951	885	211	562
Other	.. "	3,711	4,547	9,976	2,363	5,087
Cotton Piece Goods, other than proofed -						
Canvas and Duck	.. '000sq.yds	11,926	5,443	9,337	3,506	6,125
Knitted or Lockstitched (tubular or otherwise)	{ '000sq.yds	11,925	4,236	(a)	(a)	(a)
For Bag Making	.. '000 lb.	(a)	(a)	806	137	745
Drills, Dungarees and Jeans -	.. '000sq.yds	24,609	1,607	14,014	6,213	12,878
Grey, unbleached	.. "	5,438	415	3,051	148	7,978
White, bleached	.. "		121	838	172	
Printed	.. "		1,829	91	12	
Dyed or coloured woven	.. "	425		10,762	4,528	
Other -						
Grey, unbleached	.. "	20,355	24,002	34,031	7,553	26,107
White, bleached	.. "	30,354	25,680	53,730	10,013	33,377
Printed	.. "	86,340	57,135	46,319	11,594	49,545
Dyed or coloured woven	.. "			77,641	20,809	79,965
All Other	.. -	-	-	-	-	-

Particulars		Value (£A'000 f.o.b. port of shipment)				
		1938-39	1945-46	1951-52	1952-53	1953-54
Cotton - Raw	.. ..	285	1,662	10,565	4,669	7,322
Linters	.. ..	6	20	303	51	131
Waste	.. ..	7	39	991	383	702
Cotton Yarn - Mercerised	.. ..	153	320	794	181	380
Other	.. ..	297	848	5,702	1,253	3,121
Cotton Piece Goods, other than proofed -						
Canvas and Duck	.. ..	604	592	3,318	1,055	970
Knitted or Lockstitched (Tubular Or otherwise)	.. ..	142	116	489	99	383
For Bag Making	.. ..	269	68	1,858	476	837
Drills, Dungarees and Jeans -						
Grey, unbleached	.. ..	158	38	714	33	1,308
White, bleached	.. ..		11	204	48	
Printed	.. ..		266	24	5	
Dyed or coloured woven	.. ..	22		2,965	1,359	
Other -						
Grey, unbleached	.. ..	507	1,216	5,033	912	2,221
White, bleached	.. ..	792	1,730	10,355	1,492	4,594
Printed	.. ..	2,828	5,112	10,531	2,191	8,347
Dyed or coloured woven	.. ..			18,390	4,120	13,226
All Other	.. ..	394	1,613	12,265	2,474	8,987

(a) Not recorded separately. See alternative unit.

TABLE 15 : EXPORTS OF COTTON GOODS : AUSTRALIA (a)

Particulars	Unit	1938-39	1945-46	1951-52	1952-53	1953-54
Cotton Yarns	{ '000 lb. £A'000	(b)	49	35	71	12
Cotton Piece Goods -			13	20	26	6
Canvas and Duck	{ '000sq.yds £A'000	33	299	49	32	53
Other	{ '000 £A'000	3	81	28	22	21
		30	487	450	170	159

(a) Values are expressed in £A'000 f.o.b. port of shipment.

(b) Not available.

LIST OF INDUSTRIES INCLUDED IN THE SERIES.

- No. 1. CEMENT AND CEMENT GOODS.
- " 2. BRICKS, TILES, POTTERY AND EARTHENWARE.
- " 3. CHEMICALS, DRUGS AND MEDICINES.
- " 4. WHITE LEAD, PAINTS AND VARNISH.
- " 5. CHEMICAL FERTILIZERS.
- " 6. SOAP AND CANDLES.
- " 7. BASIC METAL INDUSTRIES.
- " 8. METAL FABRICATING INDUSTRIES.
- " 9. MOTOR VEHICLES AND CYCLES.
- " 10. COTTON MILLS.
- " 11. WOOLLEN MILLS.
- " 12. ROPE AND CORDAGE.
- " 13. TANNERIES.
- " 14. BOOTS AND SHOES.
- " 15. CLOTHING (INCLUDING HOSIERY AND KNITTED GOODS).
- " 16. FLOUR AND OTHER GRAIN MILLS.
- " 17. BISCUITS.
- " 18. CONFECTIONERY.
- " 19. JAM, FRUIT, VEGETABLES, PICKLES, SAUCES, CONDIMENTS, ETC.
- " 20. BACON CURING.
- " 21. BUTTER, CHEESE AND CONDENSED, CONCENTRATED, ETC., MILK.
- " 22. AERATED WATERS AND CORDIALS.
- " 23. MEAT AND FISH PRESERVING.
- " 24. BREWERIES.
- " 25. WINERIES AND DISTILLERIES.
- " 26. TOBACCO, CIGARS AND CIGARETTES.
- " 27. SAWMILLING.
- " 28. PULP AND PAPER MAKING.
- " 29. RUBBER WORKS.
- " 30. BROOMS AND BRUSHES.
- " 31. ELECTRIC LIGHT AND POWER WORKS.
- " 32. GAS WORKS.
- " 33. PLASTIC MOULDING AND PRODUCTS.