

MANUFACTURING INDUSTRIES

1962-63

NO. 11 WOOLLEN MILLS

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

EXPLANATORY NOTES

GENERAL. The range of bulletins in this series for 1962-63 includes an additional bulletin - No. 35, "Printing and Stationery" which is issued for the first time this year. A complete list of the series is shown inside the back cover.

Where a number of industries are combined in one bulletin, the introductory paragraph on page 3 specifies the industries so included.

CLASSIFICATION OF FACTORIES. For purposes of industry classification, factories are classified according to the nature of their products. 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. However, figures in the tables showing details of articles produced represent total recorded production of the articles listed, and include quantities produced, as subsidiary production, in industries otherwise classified.

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. The figures do not include details relating to small establishments not classified for statistical purposes as factories.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, include working proprietors 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 power, fuel, etc. used includes the cost of light, lubricants and water used.

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, in addition to wages and salaries, such items as interest, depreciation, profits, taxation, advertising and other sundry charges are met. As details of these other costs of production are not collected, the amounts of profit resulting from factory operations cannot be ascertained from the figures contained herein.

MANUFACTURING INDUSTRIES : AUSTRALIA, 1962-63WOOLLEN MILLS

1. SUMMARY OF STATISTICS. The following table furnishes a summary of the principal statistics of Woollen Mills in Australia for the years 1958-59 to 1962-63. Tables 4 to 10 (quantity tables) include relevant information from establishments otherwise classified (e.g. Woollacouring and Fellmongering).

TABLE 1. - WOOLLEN MILLS : 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)	(2) (a)	(3) (b)	(4) (c)	(5) (d)	(6) (e)	(7) (f)
	No.	No.	£'000	£'000	£'000	£'000	£'000
1958-59	141	20,809	15,714	1,445	37,252	26,458	65,155
1959-60	134	22,433	18,052	1,563	47,440	29,131	78,134
1960-61	135	21,400	17,372	1,484	40,629	28,119	70,232
1961-62	134	20,102	17,081	1,457	43,122	26,593	71,172
1962-63	134	21,131	18,230	1,507	48,513	29,326	79,346

(a) Average over 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, at the factory, of goods produced.

In the following table particulars are given for each State for the year 1962-63.

TABLE 2. - WOOLLEN MILLS : STATES, 1962-63

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUST.
	No.	No.	No.	No.	No.	No.	No.
Factories	40	78	4	5	3	4	134
Persons Employed -							
Males	2,418	5,048	456	(a)	(a)	943	9,410
Females	3,366	5,768	629	(a)	(a)	1,371	11,721
Total	5,784	10,816	1,085	(a)	(a)	2,314	21,131
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Salaries and Wages Paid	4,967	9,645	774	(a)	(a)	1,954	18,230
Value of -							
Power, Fuel and Light etc. used	423	795	59	(a)	(a)	153	1,507
Materials, etc. used	11,203	28,331	1,580	(a)	(a)	4,462	48,513
Production	8,818	14,524	1,359	(a)	(a)	3,099	29,326
Output	20,444	43,650	2,998	(a)	(a)	7,714	79,346
Land and Buildings (b)	3,172	7,015	299	(a)	(a)	658	11,575
Plant and Machinery (b)	3,919	7,312	394	(a)	(a)	1,513	13,720
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Rated H.P. of Engines ordinarily in use	16,952	40,724	3,489	(a)	(a)	6,714	71,354

(a) Not available for publication.

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

See also footnotes to Table 1 above.

2. AVERAGE SALARIES, OUTPUT AND PRODUCTION. Particulars of the average salaries and wages 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 1958-59 to 1962-63.

TABLE 3. - WOOLLEN MILLS :

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
	£	£	£	%
1958-59	756	3,131	1,271	59.39
1959-60	806	3,483	1,299	61.97
1960-61	852	3,282	1,314	61.78
1961-62	850	3,541	1,323	64.23
1962-63	863	3,755	1,388	62.16

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

(b) Includes Working Proprietors.

3. MATERIALS USED AND ARTICLES PRODUCED. In the tables which follow, details of materials used relate to total use of selected materials for the purposes mentioned, or in particular industries. Figures for articles produced relate to total Australian production and include output of factories not classified as Woollen Mills.

TABLE 4. - FELLMONGERIES AND WOOLSCOURING WORKS : AUSTRALIA

(Including Woolscouring in Woollen Mills)

Year	FELLMONGERING			
	Materials Used		Output	
	Sheepskins	Skin Pieces	Scoured Wool	Slipi or Pie Wool
Commodity Code No.	201.55	201.57	242.26	242.04
	No.	'000 lb.	'000 lb.	'000 lb.
1958-59	6,254	6,245	20,809	2,811
1959-60	5,894	8,177	20,191	3,090
1960-61	5,284	8,157	19,003	3,881
1961-62	5,531	8,081	18,003	4,357
1962-63	5,068	7,697	15,277	5,827
Year	WOOLSCOURING			
	Materials Used		Output	
	Greasy Wool	Slipi or Pie Wool	Waste Wool	Scoured or Carbonized Wool (a)
Commodity Code No.	242.02	242.04	242.42	242.24
	'000 lb.	'000 lb.	'000 lb.	'000 lb.
1958-59	247,315	1,061	1,197	140,569
1959-60	279,144	1,413	919	160,328
1960-61	245,822	1,788	975	139,196
1961-62	263,936	1,775	1,002	150,276
1962-63	274,632	2,440	2,017	155,892

(a) Including wool scoured and used for further processing in Woollen Mills.

TABLE 5. - SCOURED OR CARBONIZED WOOL : AUSTRALIATOTAL OUTPUT BY FELLMONGERIES AND WOOLSCOURERS

(Commodity Codes 242.24 and 242.26)

Year	Quantity
	'000 lb.
1958-59	161,378
1959-60	180,519
1960-61	158,199
1961-62	168,279
1962-63	171,175

The next tables contain details of pure wool topmaking and wool-worsted spinning operations in all Australian factories, together with particulars of wooldtops exported.

TABLE 6. - WORSTED CARDING AND COMBING : AUSTRALIA

('000 lb.)

Year	Topmaking			Wool Tops Exported
	Scoured Wool used for Pure Wool Tops	Wool Tops made (Pure Wool at First Combing)	Noils, Fettlings and Usable Wastes Produced (a)	
Commodity Code No.	242.14	242.32	242.41	-
1958-59	47,273	40,991	6,648	20,203
1959-60	56,099	48,021	7,396	22,743
1960-61	46,651	40,781	5,695	16,694
1961-62	54,629	46,031	5,461	21,438
1962-63	55,231	47,957	5,528	21,631

(a) Figures for 1961-62 and 1962-63 include some non-wool fibres.

TABLE 7. - WOOL WORSTED SPINNING (b) : AUSTRALIA

('000 lb.)

Year	Wool Tops used for Pure Spun Yarns	Pure Wool Worsted Yarn Made	Production of Mixed Yarns Predominantly Wool Worsted	Total Wool Worsted Yarn Produced
Commodity Code No.	242.34	363.17,21,25,29	363.19,23,27,31	-
1958-59	17,882	15,794	2,966	18,760
1959-60	21,922	20,074	3,812	23,886
1960-61	19,840	18,864	4,483	23,347
1961-62	20,442	18,509	4,010	22,519
1962-63	22,640	21,682	4,210	25,892

(b) See next table for particulars of spinning waste.

Details of the quantities of scoured wool and waste wool used in the spinning of pure woollen yarns, and the total quantity of woollen yarns made, are shown in the next table.

TABLE 8. - WOOLLEN CARDING AND SPINNING
('000 lb)

Year	Materials Used for Pure Spun Yarns		Pure Woollen Yarn Produced	Production of Mixed Yarn Predominantly Woollen	Total Woollen Yarn Produced	Wool Waste Produced (a)
	Scoured Wool	Wool Waste (Noils, Pettlings etc.)				
Commodity Code No.	242.16	242.48	363.47,51,55,59,73	363.49,53,57,61,75	—	242.52
1958-59	17,387	2,451	18,336	3,799	22,135	2,731
1959-60	20,876	2,741	22,197	5,215	27,412	2,851
1960-61	18,504	2,637	20,639	5,093	25,732	2,522
1961-62	17,906	2,361	18,365	5,071	23,436	2,355
1962-63	17,214	3,087	19,570	7,092	26,662	2,622

(a) Wastes from pure woollen and pure wool-worsted yarn making.

The following table shows the utilization of wool worsted and woollen yarns in certain manufacturing processes. Details of the utilization of yarn for hand knitting purposes are not available, but the quantity of hand knitting yarns made during the year 1962-63 was 4,890,553 lbs.

TABLE 9.-UTILIZATION OF WOOLLEN AND WORSTED YARNS
('000 lb)

Year	In Woollen Mills						In Hosiery and Knitting Mills			Other (including Carpet) (a)
	Woollen Yarn			Worsted Yarn			Woollen and Worsted Yarn			Woollen and Worsted Yarn
	Pure	Mixture	Total	Pure	Mixture	Total	Pure	Mixture	Total	Pure and Mixtures
1958-59	13,868	3,415	17,283	6,374	1,010	7,384	7,800	1,262	9,062	4,664
1959-60	16,216	4,683	20,899	6,953	1,048	8,001	8,898	1,638	10,536	5,706
1960-61	14,656	4,629	19,285	6,177	857	7,034	8,844	1,568	10,412	5,689
1961-62	12,963	3,750	16,713	6,458	1,576	8,034	8,767	1,490	10,257	5,387
1962-63	14,472	3,851	18,323	6,125	1,132	7,257	10,312	1,820	12,132	6,236

(a) Industrial Sub-class 6-12 only.

In the next table the output of woven wool products from all factories is shown for the years 1958-59 to 1962-63.

TABLE 10. - WOVEN WOOL PRODUCTS : AUSTRALIA

Item	Commodity Code No.	Unit	1958-59	1959-60	1960-61	1961-62	1962-63
Woven Cloth (excl. Blanketing)-							
Pure Wool Worsted	372.02,06,18	'000 sq.yds.	10,877	11,994	10,087	9,106	10,744
Pure Woollen	372.22,26,30,34,48	"	9,988	10,586	9,408	8,806	10,226
Mixtures -							
Predominantly -							
Wool Worsted	372.04,08,20	"	1,720	2,292	2,117	2,259	3,180
Woollen	372.24,28,32,36,50	"	4,681	5,363	4,853	4,820	4,105
Blankets - Double	372.52,54	'000	628	726	663	608	638
Three-							
Quarter	372.56,58	"	308	272	227	237	248
Single	372.60,62	"	687	840	921	764	878
Cot	372.64,66	"	82	96	93	80	81
Rugs	372.70,72	"	133	179	183	161	198

4. **EMPLOYMENT.** The number of persons employed as shown in Tables 1, 2 and 12 have 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 for the years 1958-59 to 1962-63 according to the average number employed during the actual period worked.

TABLE 11. - WOOLLEN MILLS ACCORDING TO PERSONS EMPLOYED :

AUSTRALIA

Number of Persons Employed in Each Factory	1958-59		1959-60		1960-61		1961-62		1962-63	
	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	6	12	3	4	8	17	4	6	5	11
4	5	20	4	16	3	12	2	8	1	4
5 - 10	13	95	10	76	11	94	13	91	12	105
11 - 20	15	234	15	235	11	186	14	229	16	252
21 - 50	22	720	23	738	25	802	26	839	27	957
51 - 100	23	1,761	17	1,237	20	1,523	22	1,684	18	1,463
101 - 200	22	3,244	26	3,975	23	3,429	22	3,411	23	3,609
201 - 300	15	3,649	12	2,870	12	2,888	12	2,912	12	2,857
301 - 400	6	1,934	9	3,032	8	2,625	7	2,403	6	2,048
401 - 500	4	1,851	4	1,776	4	1,701	3	1,361	5	2,211
501 - 750	7	4,049	8	4,853	7	4,391	5	2,879	6	3,718
751 and over	3	3,253	3	3,622	3	3,749	4	4,321	3	4,056
TOTAL:	141	20,825	134	22,434	135	21,417	134	20,144	134	21,291
Average Number Employed per Factory	148		167		159		150		159	

Further details of employment are furnished in the two tables which follow. In Table 12 the numbers of males and females employed are shown for the years 1960-61 to 1962-63 according to the nature of their employment.

**TABLE 12. - WOOLLEN MILLS : PERSONS EMPLOYED
ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA**

Occupational Status	1960-61		1961-62		1962-63	
	Males	Females	Males	Females	Males	Females
Working Proprietors	12	2	10	2	9	1
Managerial and Clerical Staff, including Salaried Managers and Working Directors	758	652	793	622	783	600
Chemists, Draftsmen and Other Laboratory and Research Staff	78	66	94	65	91	64
Foremen and Overseers, Workers in Factory (Skilled and Unskilled), Carters (excluding Delivery only), Messengers and Persons Working regularly at home	8,612	11,220	8,206	10,310	8,527	11,056
TOTAL:	9,460	11,940	9,103	10,999	9,410	11,721

In the following table the numbers of persons employed in June for the years 1959 to 1963 are shown according to age and sex distribution.

TABLE 13. - WOOLLEN MILLS - PERSONS EMPLOYED ACCORDING TO AGE AND SEX :

AUSTRALIA (Excluding Working Proprietors)

Last Pay Day in June	Under 16 Years	16 to 20 Years	21 Years and over	Total all Ages
MALES				
1959	248	899	8,300	9,447
1960	261	959	8,589	9,809
1961	171	784	7,688	8,643
1962	231	916	8,252	9,399
1963	187	936	8,144	9,267
FEMALES				
1959	533	1,891	9,653	12,077
1960	468	1,993	10,222	12,683
1961	339	1,599	8,186	10,124
1962	513	1,873	9,457	11,843
1963	406	1,916	8,760	11,082

5. **POWER EQUIPMENT.** Statistics of the power equipment installed are given in the next table. The details include the rated horsepower of engines ordinarily in use, together with those in reserve or idle.

TABLE 14. - WOOLLEN MILLS : TYPES AND RATED HORSEPOWER OF ENGINES : AUSTRALIA

Class of Engine	Rated Horsepower of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1960-61	1961-62	1962-63	1960-61	1961-62	1962-63
Steam - Reciprocating	136	126	16	500	500	620
Internal Combustion -						
Petrol and other Light Oils	..	..	..	663	914	840
Heavy Oils	..	..	..	1,708	1,478	1,100
Water	192	192	..	..	..	..
Total Prime Movers:	328	318	16	2,871	2,892	2,560
Motors driven by Electricity -						
Purchased	69,160	70,292	71,338	7,145	6,885	7,117
Own Generation	..	..	..	204	..	..
Total Electricity	69,160	70,292	71,338	7,349	6,885	7,117
TOTAL POWER EMPLOYED:	69,488	70,610	71,354	10,220	9,777	9,677

6. **MACHINE EQUIPMENT.** Particulars of the principal machine equipment installed in Woollen Mills in Australia at 30th June, 1963 is included in the general Table below.

TABLE 15. - TEXTILE INDUSTRIES : MACHINES INSTALLED AT 30TH JUNE, 1963 :

AUSTRALIA

Description	Number Installed (a)			
	In production at any time during June Quarter, 1963		Idle during whole of June Quarter, 1963	
	Machines		Machines	
SECTION 1 - FIBRE PREPARATION -				
Cotton Blowroom Machines :				
Opening and Blending (b)	75		4	
Scutching	60		4	
Woolscouring Machines - incl. Solvent				
Degreasing (i.e. Sets of Bowls incl. sets used as part of a carbonizing chain)	133		14	
Wool Carbonizing Machines (i.e. Sets of Acid and Neutralizing Bowls)	31		1	
SECTION 2 - CARDING, COMBING, ETC. -				
Carding Machines - Worsted	232		21	
Woollen	264		17	
Cotton - Flat	1,354		61	
Condensor	122		2	
Combing Machines - Wool - Noble	282		10	
French	161		31	
	Machines	No. of Heads	Machines	No. of Heads
Cotton	31	162	11	41
Tow to Top Converting Machines	10	17	..	..
SECTION 3 - DRAWING, SPINNING, ETC. -				
Drawing Sets - Worsted - Open (Bradford)	87		10	
Continental	5		3	
Cone	29		..	
Auto Leveller	71		..	
	Machines	No. of Heads	Machines	No. of Heads
Cotton	273	1,335	3	12
	Machines	No. of Spindles	Machines	No. of Spindles
Speed Frames, Cotton - Slubbing	96	11,032	1	98
Intermediate	65	8,518	1	142
Roving	60	9,655	5	916
Spinning Frames - Worsted - Mules	..	..	2	1,200
Ring	341	72,490	17	3,960
Cap	665	125,134	70	12,400
Flyer	80	15,248	3	553
Other	51	9,544	..	..
Woollen - Mules	249	100,424	22	8,576
Ring	149	27,426	14	2,799
Cotton - Ring	707	245,348	63	22,924
Twisting Frames, other than for Throwing				
Ring	644	108,438	45	8,252
Cap	190	36,106	26	4,400
Other	75	6,086	7	784
Winding Frames, other than for Weft and Pirn Winding				
Cone	1,341	32,574	64	972
Cheese	265	10,179	30	836
Hank	148	6,113	16	653
Other	172	7,614	12	960

(a) Number in place and capable of operation at short notice.

(b) Includes Automatic Mixing and Blending Machines.

TABLE 15 - TEXTILE INDUSTRIES : MACHINES INSTALLED AT 30TH JUNE, 1963 : AUSTRALIA - Contd.

Description	Number Installed (a)			
	In production at any time during June Quarter, 1963		Idle during whole of June Quarter, 1963	
	Machines	No. of Spindles	Machines	No. of Spindles
SECTION 4 - YARN THROWING, ETC. -				
Twisting Frames for Throwing - Uptwisting	303	56,880	15	2,516
Down Twisting	105	9,948	10	974
Other	364	9,815	16	1,094
Bulking or Texturizing Machines	81	13,353	1	140
SECTION 5 - WEAVING, ETC. -				
Pirn or Weft Winding Frames - Automatic	510	5,934	51	434
Non-Automatic	137	2,519	31	556
Warping Machines	Machines 485		Machines 31	
Sizing Machines	53		12	
Dry Beaming Machines	25		3	
Looms (incl. Weaving Machines) used principally for weaving	Looms		Looms	
(i) Woollen and Wool Worsted Cloth -	Auto	Non-Auto (b)	Auto	Non-Auto (b)
Reed Space - up to but not incl. 60"	36	89	1	26
- 60" and over	1,389	2,531	216	323
(ii) Cotton and/or Man-Made Fibre Cloth -				
Reed Space - up to but not incl. 14"	310	646	100	42
- 14" and up to but not incl. 42"	483	77	11	3
- 42" and up to but not incl. 60"	2,040	324	91	53
- 60" and over	1,677	176	150	61
SECTION 6 - KNITTING -				
Hosiery Machines -	Machines	No. of Hds.	Machines	No. of Hds.
Knitting - Fully Fashioned - Women's	182	2,847	113	1,875
Circular (excl. Anklets) - Women's -	Machines		Machines	
Rib	81		-	
Open Top	2,808		109	
Men's-Rib	824		154	
Open Top	140		39	
Children's-Rib	94		12	
Open Top	26		6	
Anklet - Women's	181		8	
Men's	360		86	
Children's	770		107	
Linking and/or Looping	659		389	
Seaming	291		173	
Knitted Fabric Machines -	654		53	
Warp Knitting Machines or Looms	2,501		537	
Flat Knitting Machines	2,181		441	
Circular Knitting Machines - Rib	959		342	
Open Top				
Fully Fashioned Knitting Machines	Machines	No. of Hds.	Machines	No. of Hds.
	75	492	5	44

- (a) Number in place and capable of operation at short notice.
 (b) Excludes Hand Looms.

TABLE 15 - TEXTILE INDUSTRIES : MACHINES INSTALLED AT 30TH JUNE, 1963 : AUSTRALIA - Contd.

Description	Number Installed (a)			
	In production at any time during June Quarter, 1963		Idle during whole of June Quarter, 1963	
	Open Vessels	Press Vessels	Open Vessels	Press Vessels
SECTION 7 - DYEING, ETC. -				
Dye Plant (b) for :-				
Loose Stock or Fibres	58	41	3	2
Tops, Silver or Roving	138	40	2	-
Yarn - Cones, Cheeses etc.	13	66	-	4
Beam	12	2	-	-
Hank	179	18	6	1
Piece Goods	854	39	43	1
Garments and Hosiery (c)	278	7	8	1
SECTION 8 - FINISHING -				
	Machines		Machines	
Finishing - Scouring (excl. Dye Vessels)	214		15	
Milling	203		17	
Stentering (Single Layer)	57		6	
Tentering (Multi-Layer)	50		4	
Resin Baking or Polymerizing	23		2	
Mercerising - Yarn or Piece	19		1	
Calendaring	120		12	
Cropping	88		18	
Raising or Brushing	161		17	
Blowing - Steam	84		4	
Pressing - Power	100		22	
Hand	96		13	
Pre-boarding	126		2	

(a) Number in place and capable of operation at short notice.

(b) Classified by predominant usage.

(c) Other than plant for re-dyeing.

7. **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 1960-61 to 1962-63.

TABLE 16. - WOOLLEN MILLS : POWER, FUEL AND LIGHT, ETC. USED :

AUSTRALIA

Particulars	Unit of Qty.	Quantity			Value (£)		
		1960-61	1961-62	1962-63	1960-61	1961-62	1962-63
Power, Fuel and Light							
Coal - Black	ton	27,595	25,605	25,701	116,785	111,501	111,786
Brown	"	18,230	8,651	715	50,019	22,397	1,553
Brown Coal							
Briquettes	"	6,880	9,999	16,451	37,879	49,334	69,812
Coke	"	46	62	25	394	569	194
Wood	"	23,410	16,657	18,490	47,632	33,363	38,385
Fuel oil	gal.	3,840,839	3,873,669	4,597,860	245,477	230,072	241,870
Tar (Fuel)	ton	1,601	821	-	18,287	7,984	-
Electricity	-	(a)	(a)	(a)	780,484	787,274	857,457
Gas	-	(a)	(a)	(a)	5,593	6,235	8,784
Other (Charcoal, etc.)	-	(a)	(a)	(a)	42,704	51,402	25,096
Water and							
Lubricating oil	-	(a)	(a)	(a)	138,615	156,217	152,269
Total		(a)	(a)	(a)	1,483,869	1,456,348	1,507,206

(a) Value only available.

8. VALUE OF LAND, BUILDING, PLANT AND MACHINERY. Particulars of the book values of premises occupied and plant installed at the 30th June for the years 1958-59 to 1962-63 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 17.—WOOLLEN MILLS : 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
1958-59	10,519,417	12,081,784	329,041	1,973,999	56,661	1,100,386
1959-60	10,625,388	12,599,328	285,567	1,409,172	62,417	1,170,680
1960-61	10,903,549	12,551,515	551,107	2,270,419	71,932	1,378,405
1961-62	10,911,452	13,235,075	457,937	2,344,916	76,119	1,205,662
1962-63	11,575,203	13,720,029	278,397	1,934,670	63,725	1,248,079

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

9. EXTERNAL TRADE. The quantities and values of imports and exports of a number of the products of Woollen Mills are given for the years 1958-59 to 1962-63 in Table 18 on page 13.

TABLE 18. - IMPORTS AND EXPORTS OF WOOLLEN PIECE GOODS, YARNS, TOPS AND NOILS : AUSTRALIA

Item	Quantity					Value (£A. f.o.b. port of shipment)				
	1958-59	1959-60	1960-61	1961-62	1962-63	1958-59	1959-60	1960-61	1961-62	1962-63
IMPORTS										
Blankets and Blanketing	sq. yd. ..	sq. yd. ..	sq. yd. ..	sq. yd. ..	sq. yd. ..	253,409	303,645	491,934	457,309	435,419
Woollen Piecegoods (excl. Woollen felts) -										
Flannels incl. Dommett containing Wool	124,843	213,237	352,376	20,626	13,813	29,622	50,167	73,964	9,253	7,883
For Outer Clothing -										
Worsted	494,956	465,366	765,851	474,820	539,905	492,714	551,801	716,824	500,058	590,466
Other Wholly Woollen	350,764	512,010				298,506	404,540			
Chiefly of Wool, mixed with other Fibres	560,976	1,268,921	2,447,198	1,356,323	1,654,213	286,058	584,249	1,312,750	899,872	1,194,385
Other Woollens	356,039	196,444				185,746	113,746			
	lb.	lb.	lb.	lb.	lb.					
Yarns -										
Woollen (carded)	91,993	331,247	732,771	939,358	856,193	103,501	335,125	525,007	562,243	500,000
Worsted (combed or carded)	32,415	43,320	108,237	42,891	237,465	31,154	44,191	114,682	37,372	233,881
Other Woollen (incl. so-called Wools)	85,521	63,119	74,526	58,753	178,381	156,879	109,271	125,794	82,339	212,251
Wool Tops	14,437	101,513	70,258	123,669	62,035	6,778	55,568	34,404	64,597	30,786
Wool Noils	1,605	2,019	7,306	7,523	20,276	697	1,018	3,648	3,907	3,231
EXPORTS										
Blankets and Blanketing	sq. yd. ..	sq. yd. ..	sq. yd. ..	sq. yd. ..	sq. yd. ..	5,032	37,236	92,412	66,438	89,831
Piecegoods - Woollen or containing Wool	88,293	88,158	157,851	86,284	274,448	82,377	77,930	117,789	83,232	214,662
	lb.	lb.	lb.	lb.	lb.					
Yarn - Wool or known as Wool (including Worsted)	57,766	46,821	193,682	242,780	268,997	59,433	46,436	203,359	202,473	249,608
Wool Tops, Noils and Waste	36,590,386	35,562,103	26,476,766	30,129,516	32,727,189	13,315,463	15,340,955	9,934,364	12,483,042	12,946,229

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS
CANBERRA. A.C.T. 12TH JANUARY, 1965

K. M. ARCHER
COMMONWEALTH STATISTICIAN

NOTE: Inquiries concerning these Statistics may be made in Canberra by telephoning 41971 Extension 52 or, in each State Capital, by telephoning the Office of the Bureau of Census and Statistics.