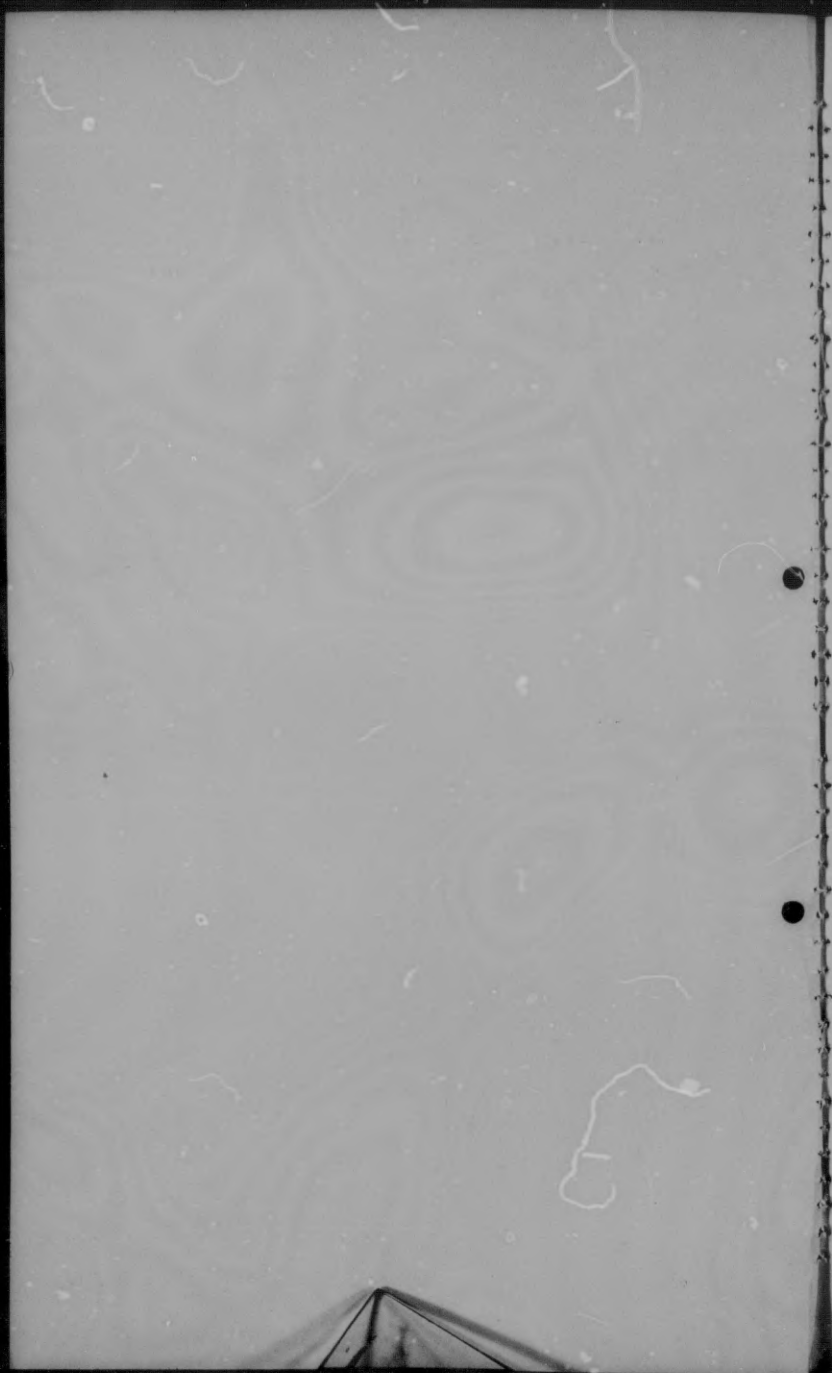


**MANUFACTURING INDUSTRIES
1964-65**

No. 27

SAWMILLING



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, AUSTRALIA

MANUFACTURING INDUSTRIES, 1964-65

NO.27. SAWMILLING

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EXPLANATORY NOTES

GENERAL. The range of bulletins in this series for 1964-65 is the same as for 1963-64. 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.

Statistics of the number of factories, persons employed, salaries and wages, value of fuel, materials, production and output etc. for 1964-65 include details for the Northern Territory and Australian Capital Territory. Prior to 1964-65 details for the Territories were excluded. Statistics of materials used and articles produced do not include details for the Territories.

CLASSIFICATION OF FACTORIES. For purposes of industry classification, factories are classified to sub-classes 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, in general, to the operations of factories classified to the industry specified. However, the statistics of articles produced represent total recorded production in all factories, irrespective of industry classification.

BASIS OF THE STATISTICS. The scope of the factory statistics is fully explained in the annual bulletin Manufacturing Industry, which contains comprehensive statistics both for all factory sub-classes separately and in total. (This bulletin was previously known as Secondary Industries Bulletin, Part I.)

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, etc. 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, light, etc. used includes the cost of lubricants and water.

The value of factory output is the value of the goods manufactured or their value after passing through the particular process of manufacture and includes the amount received for repair work, work done on commission and receipts for other factory work. The basis of valuation of the output is the selling value of the goods 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.

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 amount of profit resulting from factory operations cannot be ascertained from figures contained herein.

There are many miscellaneous expenses, such as maintenance of buildings, etc., depreciation, workers' compensation insurance, other insurances, pay-roll tax, income tax, advertising, interest on borrowed money, bad debts and many other sundry charges, which are not taken into account. Consequently it must not be inferred that, when wages and salaries are deducted from value of production, the whole of the surplus is available for profits.

ROUNDING OF FIGURES. Any discrepancies between totals and sums of components are due to rounding.

This bulletin refers, in general, to factories which are classified to sub-class 1001 (Sawmills) of the Factory Classification (1945). However, Tables 10 to 16 include particulars of output both in sawmills and other wood-working establishments. Itinerant bush mills are excluded.

TABLE 1. - SAWMILLS : SUMMARY

AUSTRALIA

Year	Factories	Persons Employed	Salaries and Wages Paid	Power, Fuel, 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
1960-61 (g)	2,630	31,101	56,333	4,768	136,213	100,025	241,006
1961-62 (g)	2,513	29,182	53,512	4,695	130,055	94,839	229,589
1962-63 (g)	2,439	28,498	53,607	4,756	130,702	94,901	230,360
1963-64	2,345	28,415	55,777	4,792	140,495	103,599	248,885
1964-65	2,299	28,725	59,924	5,022	151,022	115,729	271,773

(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., Replacement 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, on Goods Produced. (g) Includes Plywood and Veneer Mills for Tasmania.

TABLE 2. - SAWMILLS : SUMMARY

STATES, 1964-65

Particulars	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
	Number								
Factories	741	441	520	89	192	308	2	6	2,299
Persons Employed (a) -									
Males	7,967	5,652	5,404	2,226	3,341	2,793	(h)	(h)	27,454
Females	375	246	294	203	50	57	(h)	(h)	1,271
TOTAL	8,342	5,898	5,698	2,429	3,431	2,850	(h)	(h)	28,725
	\$'000								
Salaries and Wages Paid (b)	17,720	13,261	10,772	5,266	6,876	5,899	(h)	(h)	59,924
Value of -									
Power, Fuel, Light, etc. Used (c)	1,573	1,031	777	471	575	585	(h)	(h)	5,022
Materials, etc. Used (d)	52,137	33,535	19,130	17,782	12,359	15,829	(h)	(h)	151,022
Production (e)	35,351	25,723	18,534	10,533	13,893	11,451	(h)	(h)	115,729
Output (f)	89,061	60,289	38,441	28,786	26,828	27,865	(h)	(h)	271,773
Land and Buildings (g)	11,842	10,523	4,476	4,417	2,144	3,033	(h)	(h)	36,586
Plant and Machinery (g)	9,295	6,834	6,470	6,036	3,370	3,623	(h)	(h)	35,739
	Horsepower								
Rated H.P. of Engines ordinarily in use	119,676	78,195	87,222	38,164	45,867	44,126	(h)	(h)	414,695

For footnotes (a) to (f) see Table 1. (g) Depreciated or book values at end of year.
(h) Not available for publication.

TABLE 3. - SAWMILLS

AVERAGE SALARIES AND WAGES, OUTPUT, PRODUCTION, 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
	\$	\$	\$	%
1960-61 (c)	1,928	7,682	3,216	56.32
1961-62 (c)	1,938	7,868	3,250	56.42
1962-63 (c)	1,984	8,084	3,330	56.49
1963-64	2,072	8,758	3,646	53.84
1964-65	2,201	9,461	4,029	51.78

(a) Excludes Working Proprietors and amounts drawn by them. (b) Includes Working Proprietors. (c) Includes Plywood and Veneer Mills for Tasmania.

TABLE 4. - SAWMILLS

ACCORDING TO PERSONS EMPLOYED (a) : AUSTRALIA

Number Employed in each Factory	1960-61(b)		1961-62(b)		1962-63(b)		1963-64		1964-65	
	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed	No. of Fac- tories	No. Em- ployed
Under 4	756	1,625	751	1,586	731	1,537	660	1,367	647	1,268
4	208	832	205	820	189	756	196	784	177	708
5 to 10	809	5,842	755	5,412	723	5,254	683	4,901	662	4,732
11 to 20	516	7,546	479	6,966	479	6,919	493	7,147	494	7,109
21 to 50	249	7,337	237	7,033	236	7,084	226	6,750	234	7,191
51 to 100	59	3,939	56	3,908	51	3,556	58	3,850	58	3,999
101 to 200	30	4,077	27	3,517	26	3,305	26	3,567	24	3,404
201 and over	3	738	3	729	4	881	3	703	3	749
TOTAL	2,630	31,936	2,513	29,971	2,439	29,292	2,345	29,069	2,299	29,160
Average Number Employed per Factory	12		12		12		12		13	

(a) Average number employed during a period of operation whether for the whole or only part of the year; includes working proprietors. (b) Includes Plywood and Veneer Mills for Tasmania.

TABLE 5. - SAWMILLS

PERSONS EMPLOYED (a) ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	1960-61(b)	1961-62(b)	1962-63(b)	1963-64	1964-65
MALES -					
Working Proprietors	1,805	1,567	1,442	1,443	1,454
Managerial and Clerical Staff including Salaried Managers and Working Directors	2,142	2,160	2,040	2,023	2,071
Chemists, Draftsmen and Other Laboratory and Research Staff	17	6	9	9	7
Foremen and Overseers, Workers in Factory (Skilled and Unskilled) Carters (excluding Delivery only), Messengers and Persons Working Regularly at Home	25,880	24,187	23,796	23,793	23,922
(Males	29,844	27,920	27,287	27,268	27,454
Total (c)	1,257	1,262	1,211	1,147	1,271
(Persons Employed	31,101	29,182	28,498	28,415	28,725

(a) Average number employed, calculated in a "whole-year" basis, i.e. in factories working less than the full year the average numbers are reduced to whole-year equivalents.
(b) Includes Plywood and Veneer Mills for Tasmania. (c) Mainly clerical staff.

TABLE 6. - SAWMILLS

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				
1961(a)	274	2,057	23,968	26,299
1962(a)	308	2,318	23,698	26,324
1963(a)	338	2,344	22,972	25,654
1964	330	2,613	22,926	25,869
1965	272	2,734	23,144	26,150
FEMALES				
1961(a)	25	358	755	1,138
1962(a)	35	368	780	1,183
1963(a)	30	350	774	1,154
1964	24	374	736	1,134
1965	37	417	815	1,269

(a) Includes Plywood and Veneer Mills for Tasmania.

TABLE 7. - SAWMILLS

CLASS OF ENGINE AND RATED HORSEPOWER : AUSTRALIA

Class of Engine	Rated Horsepower of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1962-63(a)	1963-64	1964-65	1962-63(a)	1963-64	1964-65
Steam -						
Reciprocating	21,803	19,901	19,338	4,447	5,431	5,685
Turbine	1,770	1,700	1,757	600	..	669
Internal Combustion -						
Gas	103	85	85	80	..	..
Petrol and Other Light Oils	73,076	77,477	70,007	7,640	7,346	11,513
Heavy Oils	5,370	4,330	5,402	2,237	1,993	2,427
Water	10	10	10	..	..	..
Total, Prime Movers	102,132	103,503	96,599	15,004	14,770	20,294
Motors Driven by Electricity -						
Purchased	303,498	309,212	318,096	18,258	17,082	19,622
Own Generation	(b) 11,265	(b) 13,434	(b) 14,947	1,636	1,676	2,486
Total, Electricity	314,763	322,646	333,043	19,894	18,758	22,108
TOTAL POWER EMPLOYED	405,630	412,715	414,695	34,898	33,528	42,402

(a) Includes Plywood and Veneer Mills for Tasmania. (b) These motors are driven by electricity generated by prime movers and to avoid duplication are excluded from statistics of total power employed.

TABLE 8. - SAWMILLS

POWER, FUEL, LIGHT, ETC., USED : AUSTRALIA

Particulars	Unit of Quantity	Quantity			Value (\$)		
		1962-63 (a)	1963-64	1964-65	1962-63 (a)	1963-64	1964-65
Power, Fuel and Light							
Coal - Black	ton	426	204	113	2,980	2,596	1,534
Coke	"	95	115	83	1,338	1,544	840
Wood	'000 tons	127	98	101	184,916	144,300	146,950
Fuel Oil	'000 gals	4,871	5,378	5,292	1,048,160	1,090,134	1,117,386
Electricity	-	(b)	(b)	(b)	2,826,236	2,919,904	3,064,358
Gas	-	(b)	(b)	(b)	6,648	3,670	3,884
Other (Charcoal, etc.)	-	(b)	(b)	(b)	138,718	114,392	153,834
Water and Lubricating Oil	-	(b)	(b)	(b)	546,100	514,654	533,298
TOTAL		(b)	(b)	(b)	4,755,096	4,791,194	5,022,084

(a) Includes Plywood and Veneer Mills for Tasmania. (b) Quantity not available.

TABLE 9. - SAWMILLS
VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY, ETC.

AUSTRALIA

(\$'000)

Year	Book Values as at 30 June (a)		Additions and Replace- ments 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
1960-61 (b)	32,818	35,138	3,079	4,843	377	3,778
1961-62 (b)	31,628	34,950	1,429	4,375	301	3,780
1962-63 (b)	32,611	34,016	1,698	4,411	281	3,717
1963-64	33,910	33,920	2,104	6,398	282	3,818
1964-65	36,586	35,739	3,117	6,662	338	4,048

(a) Includes estimated value of rented premises and machinery.
and Veneer Mills from Tasmania.

(b) Includes Plywood

TABLE 10. - PRINCIPAL MATERIALS USED IN SAWMILLS AND OTHER SPECIFIED

WOOD-WORKING ESTABLISHMENTS : AUSTRALIA

(Mill. Super Feet Hoppus)

Materials Used	Commodity Code No.	Sub- Class	1962-63	1963-64	1964-65
Logs sawn - Australian grown - forest hardwoods	231.02,04	1001 1006	1,861 19	1,948 25	2,006 24
brushwoods and scrubwoods	231.06,08	1001 1006	80 5	82 6	88 6
softwoods (non-pored timbers) - native forest "pines" - cyprus	231.10,12	1001	119	121	126
other than cyprus	231.14,16	1001	27	30	31
plantation-grown "pines"	231.18,20	1001 1006	417 18	350 22	369 18
Logs sawn - Overseas grown - hardwoods	231.22	1001			
softwoods (non-pored timbers)	231.24	1001	16	16	15
Logs sliced or peeled - Australian grown - forest hardwoods	231.28,30	1002	5	5	7 ✓
brushwoods and scrubwoods	231.32,34	1002	33	38	39-52 ✓

See "NOTE" page 7.

TABLE 10. - PRINCIPAL MATERIALS USED IN SAWMILLS AND OTHER SPECIFIED
WOOD-WORKING ESTABLISHMENTS : AUSTRALIA - continued

(Mill. Super Feet Hoppus)

Materials Used	Commodity Code No.	Sub- Class	1962-63	1963-64	1964-65
Logs sliced or peeled -					
Australian grown -					
softwoods (non-pored timbers) -					
native forest "pines" -					
other than cyprus	231.40,42	1002	7	6	6
plantation-grown "pines"	231.44,46	1002	6	7	10
Overseas grown -					
hardwoods	231.48	1002	} 31	30	31
softwoods (non-pored timbers)	231.50	1002			

NOTE. - The details shown in Table 10 relate to materials used only in factories classified to sub-class 1001 (Sawmills), 1002 (Plywood Mills - incl. Veneers) and 1006 (Boxes and Cases) and are not necessarily comparable with figures published in previous issues of this bulletin.

TABLE 11. - TIMBER PRODUCED FROM LOGS (a) IN ALL FACTORIES : AUSTRALIA, 1964-65

(NOTE. - These details relate to production in all factories irrespective of classification.)

('000 Super feet)

State	Timber Produced from Australian-grown Logs					Timber Pro- duced from Oversea- grown Logs- All Types
	Hardwoods (including Brushwoods and Scrubwoods)	Softwoods			Total	
		Natural Forest "Pines"		Plantation Grown "Pines"		
		Cypress	Other			
Commodity Code Number	331.02,06,28, 32	331.10,36	331.14,40	331.18,44		331.22,24, 48,50
New South Wales	359,291	42,191	3,139	28,496	73,826	22,419
Victoria	293,319	(b)	..	35,887	35,982	1,171
Queensland	173,928	30,067	21,419	20,899	72,385	7,662
South Australia	5,430	(b)	(b)	133,779	134,015	(b)
Western Australia	198,941	..	..	8,282	8,282	(b)
Tasmania	171,362	..	(b)	3,702	4,831	..
<u>TOTAL</u>	1,202,271	72,585	25,692	231,045	329,322	36,346

(a) Total produced, including that further processed in the mills sawing "own" logs and the equivalent in super feet of veneers produced. (b) Not available for publication.

TABLE 12. - TOTAL OUTPUT OF SAWN TIMBER, FROM AUSTRALIAN GROWN LOGS (a),
IN ALL FACTORIES : STATES

(NOTE. - These details relate to production in all factories irrespective of classification.)

('000 Super feet)

Year	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	Aust.
1960-61	393,497	322,125	262,141	88,779	186,757	164,534	1,417,833
1961-62	364,543	299,419	221,535	125,029	192,779	148,897	1,352,202
1962-63	377,893	319,004	227,466	140,744	185,632	159,328	1,410,567
1963-64	408,464	321,978	246,331	142,435	197,596	171,223	1,488,027
1964-65	433,116	329,301	246,314	139,445	207,223	176,193	1,531,593

(a) Includes timber equivalent in super feet of veneers produced.

TABLE 13. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA, 1964-65

(NOTE. - These details relate to production in all factories irrespective of classification.)

Articles Produced	Commodity Code No.	Unit of Quantity	Quantity	Value (\$'000)
Timber -				
Undressed Sawn Timber -				
Recovered from sawn logs -				
Local -				
From forest hardwoods	331.02,28	'000 super ft	1,118,800	)
From brushwoods and scrubwoods	331.06,32	"	83,471	)
From softwoods -				)
Natural forest pines -				)
Cypress	331.10,36	"	72,585	) (a)
Other	331.14,40	"	25,692	)
Plantation grown pines	331.18,44	"	231,045	)
Total Local Timber			1,531,593	) (b)
Overseas Grown -				
Hardwoods	331.22,48	"	)	)
Softwoods	331.24,50	"	36,346	(a)
Kiln-dried during year	331.95	"	283,444	(a)
Sleepers	331.96	"	83,459	6,385
Palings	331.97	"	15,718	1,187
Shingles	331.98	"	195	31
Dressed Timber -				
Pickets	332.02	"	2,471	247
Floorboards - Australian timber	332.06	"	160,165	25,764
Overseas timber	332.08	"	798	160
Weatherboards - Australian timber	332.12	"	20,599	3,397
Overseas timber	332.14	"	3,094	689
Other dressed timber, n.e.i.	332.20	"	191,211	41,084
Veneers, Plywood and Corestock -				
Sliced veneers	334.02	'000 sq ft	59,887	(a)
Rotary veneers (1/16" basis)	334.11	"	806,363	(a)
Plywood (b) - Commercial (3/16" basis)	334.31	"	137,826	10,839
Waterproof " "	334.33	"	52,379	6,943
Case " "	334.35	"	2,873	188
Sliced, fancy " "	334.37	"	23,981	4,112
Corestock (incl. solid core doors)	334.41	"	7,801	2,990

For footnotes see page 9.

TABLE 13. - SELECTED ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA, 1964-65 - continued

(NOTE. - These details relate to production in all factories irrespective of classification.)

Articles Produced	Commodity Code No.	Unit of Quantity	Quantity	Value (\$'000)
Wood Fabricated Materials, etc.				
Manufactured Boards (for building or other purposes) -				
Boards made of -				
Pulped wood (hardboard)	336.02	Mill. sq ft	381	12,485
Wood chips, wood particles, wood wool or sawdust (resin bonded)	336.06	'000 sq yd	5,761	7,964
Straw (thickness of $\frac{1}{2}$ in. or more)	336.08	"	2,852	1,922
Other materials, n.e.i.	336.04,20	"		
Boards processed subsequent to original manufacture -				
Painted, coloured or coated				
Hardboard	336.31	'000 sq yd	1,435	2,254
Other boards	336.33	"		
Wood handles - Axe	339.02	gross	4,857	317
Broom and Mop	339.04	"	30,747	439
Tool and Other	339.06	-	(c)	1,417
Wood Wool	339.19	-	(c)	198
Staves	339.23	-	(c)	81
Clothes Pegs (wooden) (d)	856.11	gross	823,898	515
Containers - principally of Wood -				
Boxes and Cases -				
Cases, Fruit, Vegetable, etc. (incl. Shooks)	944.11	'000	30,546	9,500
Other Shooks	944.21	-	(c)	1,330
All Other Boxes, Cases and Crates	944.31	-	(c)	10,946
Casks and Barrels (Plywood)	944.41	number	28,787	536

(a) Quantity only available. (b) Production of total plywood, by States (3/16" basis, '000 sq ft) : New South Wales - 59,045, Other States - 158,015, Total - 217,059. (c) Value only available. (d) Including plastic clothes pegs.

TABLE 14. - PRINCIPAL ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA

(NOTE. - These details relate to production in all factories irrespective of classification.)

Articles Produced	Commodity Code No.	Unit of Quantity	1961-62	1962-63	1963-64	1964-65
Undressed Sawn Timber -						
(1)						
Recovered from sawn logs -		'000				
Total local timber	(a)	super feet	1,352,202	1,410,567	1,488,027	1,531,593
Overseas grown	(b)	"	27,934	31,949	33,042	36,346
Quantity of timber included in (1) used in veneers produced -						
Local timber	-	"	25,777	28,666	35,377	42,629
Oversea grown	-	"	20,433	20,992	21,491	25,734

For footnotes see page 10.

TABLE 14. - PRINCIPAL ARTICLES PRODUCED IN ALL FACTORIES : AUSTRALIA - continued

(NOTE. - These details relate to production in all factories irrespective of classification.)

Articles Produced	Commodity Code No.	Unit of Quantity	1961-62	1962-63	1963-64	1964-65
Veneers -		'000				
Sliced veneers	334.02	sq ft	60,235	60,315	52,575	59,887
Rotary veneers (1/16" basis)	334.11	"	725,273	771,199	814,579	806,363
Plywood (3/16" basis) -						
Commercial	334.31	"	153,382	133,663	154,398	137,826
Waterproof	334.33	"	31,012	37,206	38,803	52,379
Case	334.35	"	1,418	1,899	2,440	2,873
Sliced, fancy	334.37	"	16,994	22,494	20,640	23,981
Corestock (incl. solid core doors)	334.41	"	6,802	6,934	7,181	7,801

(a) Commodity Codes 331.02, 06, 10, 14, 18, 28, 32, 36, 40, 44. (b) Commodity Codes 331.22, 24, 48, 50.

TABLE 15. - PRINCIPAL PRESERVATIVES USED IN SPECIFIED SUB-CLASSES FOR THE
PRESERVATION OF TIMBER : AUSTRALIA

Preservative Used	Commodity Code No.	Sub-Class	Unit of Quantity	1962-63	1963-64	1964-65
Metal-chrome - arsenate salts (a)	406.44	1001	Dry Salt '000 lb	295	707	809
Borax (b)	407.40	1001	"	724	713	609
		1002	"	117	91	149
Sodium Fluoride	407.84	1002	"	62	72	101
Sap Stain Chemicals (c)	408.50	1001	"	35	43	86
		1002	"			
All others (excluding Boric Acid and Pentachlorophenol)	408.54	1001	"	(d)	(d)	78
Straight Creosote	436.34	1001	'000 gal	610	697	839

(a) Includes Copper-chrome-arsenate, Zinc-chrome-arsenate, Celcure A, Celcure F, Tanalith C, Boliden S25, Boliden K33 and Ascui. (b) Excluding that used under Sap Stain Chemicals. (c) Includes Sodium-pentachlorophenate and Borax with or without an Organic Mercurial Salt added. (d) Not available for publication.

NOTE. The above details relate to the preservatives used only in factories classified to sub-class 1001 (Sawmills) and 1002 (Plywood Mills - including Veneers) and are not necessarily comparable with figures published in previous issues of this bulletin.

TABLE 16. - TIMBER TREATED WITH PRESERVATIVES : AUSTRALIA

(NOTE. - These details relate to timber treated in all factories, irrespective of classification.)

Item	Commodity Code No.	Unit of Quantity	1962-63	1963-64	1964-65
Timber treated with preservatives -					
Poles and piles preserved with -					
Straight Creosote	234.51	number	85,971	82,976	114,918
Straight Creosote	234.52	'000 cu ft	1,606	1,877	2,270
Metal Chrome Arsenate Salts	234.61	number	20,983	65,135	72,067
Metal Chrome Arsenate Salts	234.62	'000 cu ft	249	1,300	1,301
Fence posts preserved with -					
Straight Creosote	238.51	'000	63	341	336
Creosote Mineral Oil Mixture	238.52	"	(a)	..	..
Metal Chrome Arsenate Salts	238.56	"	342	548	1,065
All Others	238.59	"	(a)	(a)	..
Sleepers preserved with -					
Straight Creosote	331.51	number	(a)	..	8,341
All Others	(b)	'000 cu ft	..	(a)	1,768
Cross Arms preserved with -					
Straight Creosote	331.71	"	..	(a)	(a)
All Others	331.72-79	cu ft	(a)	..	(a)
Sawn timber preserved with -					
Straight Creosote	331.81	'000 super ft	(a)	155	489
Boric Acid	331.84	"	2,834	3,920	5,995
Borax	331.85	"	18,407	18,313	21,319
Metal Chrome Arsenate Salts	331.86	"	1,667	4,941	6,508
Sap Stain Chemicals	331.87	"	27,011	26,832	35,229
All Others	331.82,83,88,89	"	4,392	3,974	10,114
Veneers preserved with -					
Borax	334.85	'000 sq ft	101,311	72,193	56,629
Metal Chrome Arsenate Salts	334.86	"	(a)	482	} 15,464
Sap Stain Chemicals	334.87	"	(a)	3,989	
Sodium Fluoride	334.88	"	60,423	96,163	
All Others	334.83,84,89	"	(a)	9,271	15,239

(a) Not available for publication. (b) 331.54, 56, 58, 60, 62, 64, 66, 68.

TABLE 17. - IMPORTS OF TIMBER : AUSTRALIA

Year	Shooks for Box Making		Timber Undressed (excluding Dunnage)		Logs, Not Sawn	
	'000 Sup. ft	\$A	'000 Sup. ft	\$A'000	'000 Sup. ft	\$A'000
1960-61	567	66,424	337,002	35,145	60,332	3,547
1961-62	641	96,390	264,501	22,362	35,674	2,106
1962-63	561	78,568	269,700	25,159	50,538	2,950
1963-64	567	94,928	327,931	31,830	43,443	2,675
1964-65	865	139,744	343,526	35,334	54,694	3,388

NOTE. - Values are expressed in \$A f.o.b. port of shipment.

TABLE 18. - EXPORTS OF TIMBER : AUSTRALIA

Year	Logs, Not Sawn and Spars in the Rough		Undressed Timber			
			Railway Sleepers		Other (a)	
	Quantity '000 Sup. ft	Value \$A'000	Quantity '000 Sup. ft	Value \$A	Quantity '000 Sup. ft	Value \$A'000
1960-61	6,502	743	17,779	1,861	22,284	3,129
1961-62	8,190	618	27,410	3,040	18,094	2,493
1962-63	4,394	323	22,993	2,571	14,668	2,039
1963-64	4,074	371	21,578	2,263	14,668	2,052
1964-65	2,994	323	9,703	1,052	17,941	2,591

(a) Excludes Shooks and staves and timber not measured in super feet.

NOTE. - Values are expressed in \$A f.o.b. port of shipment.

K. M. ARCHER
COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA, A.C.T.

13 FEBRUARY 1967

NOTE. - Inquiries concerning these statistics may be made in Canberra by telephoning 639111 Extension 2267 or, in each State Capital, by telephoning the office of the Bureau of Census and Statistics.