

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS, CANBERRA,
AUSTRALIA.

MANUFACTURING INDUSTRIES.
1953-54.

**No. 4. WHITE LEAD, PAINTS
AND VARNISH.**

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. BASIS 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, 1953-54.

WHITE LEAD, PAINTS AND VARNISH

1. **SUMMARY OF STATISTICS:** The following table furnishes a summary of the principal statistics of the factories engaged in the manufacture of White Lead, Paints and Varnish 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 : WHITE LEAD, PAINTS AND VARNISH : AUSTRALIA

Year	Factories (1)	Persons Employed (a) (2)	Salaries and Wages Paid (b) (3)	Power, Fuel and Light, etc. Used (c) (4)	Value of Materials, etc. Used (d) (5)	Value of Pro- duction (e) (6)	Value of Output (f) (7)
	Number	Number	£'000	£'000	£'000	£'000	£'000
1938-39	102	2,271	536	45	2,275	1,585	3,905
1945-46	122	3,197	1,005	81	4,775	2,448	7,304
1951-52	158	5,141	3,378	303	16,623	8,112	25,038
1952-53	175	4,622	3,346	258	14,658	8,583	23,499
1953-54	174	4,934	3,757	337	18,603	9,891	28,831

(a) Average over whole year; includes Working Proprietors. (b) Excludes amounts drawn by Working Proprietors. (c) Includes Water and Lubricating Oil. (d) Includes also 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 of goods produced.

In the following table, particulars of the industry are given for each State during the year 1953-54.

TABLE 2 : WHITE LEAD, PAINTS AND VARNISH : STATES, 1953-54.

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUSTRALIA
Number of Factories	77	57	17	13	8	2	174
Number employed -							
Males	2,238	1,033	235	348	(a)	(a)	3,930
Females	530	273	57	132	(a)	(a)	1,004
Total	2,768	1,306	292	480	(a)	(a)	4,934
Salaries and Wages Paid	£ 2,119,824	£ 1,021,726	£ 195,245	£ 360,585	£ (a)	£ (a)	£ 3,756,752
Value of -							
Power, Fuel & Light, etc. used	233,251	65,789	12,816	21,420	(a)	(a)	337,126
Materials, etc. used	9,793,104	4,969,046	1,338,015	2,114,382	(a)	(a)	18,603,030
Production	4,750,134	3,170,397	805,743	924,162	(a)	(a)	9,891,088
Output	14,776,489	8,205,232	2,156,574	3,059,964	(a)	(a)	28,831,244
Land & Buildings (b)	2,032,348	1,071,618	246,727	618,610	(a)	(a)	4,065,912
Plant & Machinery (b)	945,044	766,301	133,052	344,586	(a)	(a)	2,230,202
H.P. of engines ordinarily in use	H.P. 13,640	H.P. 5,979	H.P. 1,100	H.P. 1,466	H.P. (a)	H.P. (a)	H.P. 22,179

(a) Not available for publication. Figures are included in the total for Australia.
(b) Depreciated or book values at end of year. See also notes to Table No. 1 above.

2. **AVERAGE SALARIES, OUTPUT AND PRODUCTION:** Particulars of the average salary and wage paid, together with the average value of output and production per person engaged and the ratio of salaries and wages to value of production, are shown in the following table for the years 1938-39, 1945-46 and 1951-52 to 1953-54.

TABLE 3 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : AVERAGE SALARIES AND WAGES PAID, OUTPUT, ETC. PER EMPLOYEE : AUSTRALIA

Year	Salaries and Wages per Employee (a)	Value of Output per Person Engaged (b)	Value of Production per Person Engaged (b)	Ratio of Salaries and Wages to Value of Production
	£.	£.	£.	
1938-39	240	1,720	698	33.75
1945-46	319	2,285	766	41.05
1951-52	663	4,870	1,577	41.63
1952-53	733	5,084	1,857	38.99
1953-54	771	5,843	2,005	37.98

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

3. **MATERIALS USED AND ARTICLES PRODUCED:** The two tables following show particulars of the quantities and values of the principal materials used and articles produced in White Lead, Paints and Varnish factories during the year 1953-54. A number of the articles produced in establishments classified for statistical purposes as White Lead, Paints and Varnish factories are also produced in other establishments, and Table 5 shows separate particulars of these articles produced in (i) White Lead, Paints and Varnish factories, and (ii) all factories (including White Lead, Paints and Varnish factories).

TABLE 4 : MATERIALS USED IN WHITE LEAD, PAINTS AND VARNISH FACTORIES
AUSTRALIA, 1953-54.

Particulars	Unit	Quantity	Value (£)
Pigments -			
Whites - White Lead ..	gwt.	53,128	334,273
Zinc Oxide ..	"	76,184	415,160
Lithopone ..	"	41,432	175,112
Titanium oxide ..	"	146,951	1,797,764
Antimony oxide ..	"	3,032	47,711
Natural earth whites ..	"	240,886	300,540
Other white bases ..	"	42,220	87,986
Colours - Red Lead and Litharge ..	"	20,037	144,725
Natural earth colours ..	"	26,649	72,813
Other oxides ..	"	10,828	74,356
Synthetic or chemical colours ..	"	27,273	507,116
Blacks ..	"	3,255	38,574
Bitumen and Pitch ..	"	17,166	29,935
Metallic powders ..	"	4,293	98,790
Other ..	"	16,594	61,555
Oils - Linseed ..	gallon	2,024,420	1,572,638
Tung ..	"	329,875	309,725
Castor ..	"	169,109	210,541
Other ..	-	(a)	116,752
Gums, Resins, etc. - Gums - natural ..	gwt.	9,058	79,532
synthetic ..	"	20,693	238,049
Resins - natural - Rosin ..	"	17,515	89,915
Other ..	"	7,963	102,103
synthetic ..	"	155,995	2,034,823
Shellac ..	"	1,160	23,959
Other Gums, resins, etc. ..	"	8,884	111,478
Solvents- Turpentine - pure ..	gallon	12,660	5,302
mineral ..	"	2,376,745	288,361
Petroleum solvents ..	"	2,036,848	413,903
Methylated spirits ..	"	536,207	114,460
Kerosene ..	"	882,517	97,778
Acetates ..	"	832,628	732,500
Other ..	-	(a)	337,185
Varnishes - Own manufacture ..	gallon	2,223,697	(b)
Purchased ..	"	1,027,149	1,043,502
Other materials - Pig Lead ..	ton	8,767	949,833
Zinc ..	"	6,525	479,608
Dryers ..	gallon	164,275	149,170
Casein ..	gwt.	5,990	46,679
Glue ..	"	2,248	32,570
Nitro-cellulose ..	"	18,278	512,171

(a) Value only available.

(b) Quantity only available.

TABLE 5 : PRINCIPAL ARTICLES PRODUCED IN (i) WHITE LEAD, PAINTS AND VARNISH FACTORIES AND (ii) ALL FACTORIES (INCLUDING WHITE LEAD, PAINTS AND VARNISH FACTORIES) : AUSTRALIA, 1953-54.

Particulars	Unit of Q'ty.	White Lead, Paints and Varnish Factories		All Factories (incl. White Lead, Paints and Varnish Factories)	
		Quantity	Value (£)	Quantity	Value (£)
Articles Produced					
Paints -					
Ready mixed - Liquid					
(i) Containing significant quantities of synthetic resin (i.e. enamellized paint)	gal.	(a) 2,110,593	4,155,435	2,110,593	4,155,435
(ii) Not containing significant quantities of synthetic resin	"	(a) 3,069,236	5,574,595	3,069,236	5,574,595
Other than Water in Paste form (Heavy bodied Whites, etc.)	lb.	7,471,900	630,355	7,471,900	630,355
Water - Emulsion (b)	"	(a) 20,333,863	2,150,242	20,333,863	2,150,242
Other types -					
Paste form	"	8,554,262	490,866	8,554,262	490,866
Powder form	"	3,042,084	131,693	3,042,084	131,693
Other (including Bituminous)	gal.	606,976	638,367	212,444	754,617
Colours (Ground in Oil) -					
Used in own Works	owt.	8,926	(e)	8,926	(e)
For Sale	"	10,121	115,554	10,121	115,554
Enamels - Natural and Synthetic	gal.	2,698,525	5,577,838	2,698,525	5,577,838
Lacquers Nitro-Cellulose -					
Clear	"	(a) 252,199	401,735	252,199	401,735
Colours	"	1,054,462	1,799,533	1,054,462	1,799,533
Kalsomine	lb.	3,396,431	150,900	3,396,431	150,900
Stains (Oil, Spirit, etc.)	gal.	(a) 154,963	179,250	154,963	179,250
Thinners for Lacquers	"	(a) 1,711,915	1,167,044	1,711,915	1,167,044
Thinners for Enamels	"	289,045	152,138	289,045	152,138
Paint and Varnish Removers	"	(a) 52,458	50,951	52,458	50,951
Putty - Window Glazing	owt.	58,858	247,647	58,858	247,647
- All other types	"	(a) 6,692	69,026	6,692	69,026
Rubbing Compounds	lb.	(a) 455,015	33,276	455,015	33,276
Plastic Woods	"	(a) 67,023	13,547	67,023	13,547
Varnishes - Used in own works	gal.	(a) 2,229,472	(e)	2,229,472	(e)
For Sale	"	(a) 905,970	927,032	905,970	927,032
Pigments -					
Whites -					
Zinc oxide	owt.	172,807	914,664	172,807	914,664
White Lead	"	}	(e) 180,979	}	180,979
Other	"				
Colours -					
Natural Earth Colours	"	13,203	15,607	19,961	29,183
Red Lead and Litharge	"	}	(a) 152,709	}	152,709
Other	"				
Inks - Printing and					
Lithographic	lb.	(d)	(d)	17,547,877	1,874,486
Printer's Roller Composition	-	-	-	(f)	102,086

(a) Includes particulars of articles produced in other works, details of which are not available for separate publication.

(b) Containing significant quantities of synthetic resin.

(c) Quantity only available.

(d) Not available for publication.

(e) Includes Titanium Dioxide.

(f) Value only available.

In the following table, particulars of the principal materials used in the White Lead, Paints and Varnish Industry in Australia are shown for the years 1938-39, 1945-46 and 1951-52 to 1953-54 and relevant articles produced in all industries for the years 1938-39, 1945-46 and 1951-52 to 1954-55.

TABLE 6 : PRINCIPAL MATERIALS USED AND ARTICLES PRODUCED : AUSTRALIA

Particulars	Unit of Quantity	1938-39	1945-46	1951-52	1952-53	1953-54	1954-55 (a)
PRINCIPAL MATERIALS USED							
Pigments -							
White Lead	'000 cwt.	60	80	120	51	53	}
Zinc Oxide	"	74	76	123	72	76	
Natural Earth Whites	"	(c)	114	244	220	241	
Other White Pigments	"	(c)	54	131	133	233	
Colours	"	(c)	89	80	69	88	
Bitumen and Pitch	"	(c)	41	15	15	17	}
Oils - Linseed	'000 gallons	1,242	1,921	2,269	1,857	2,024	
Tung	"	4	14	265	262	330	
Castor	"	(c)	181	183	136	169	}
Gums - natural	'000 cwt.	(c)	7	8	7	9	
synthetic	"	(c)	10	15	9	21	
Resins - natural - Rosin	"	(c)	13	20	16	18	(b)
Other	"	(c)	3	2	2	8	
synthetic	"	(c)	36	95	117	156	
Solvents -							
Turpentine - pure	'000 gallons	(c)	29	17	9	13	}
mineral	"	(c)	1,333	2,530	2,435	2,377	
Petroleum solvents	"	(c)	788	1,450	1,376	2,037	
Methylated spirits	"	(c)	361	436	471	536	}
Kerosene	"	(c)	403	488	833	883	
Acetates	"	(c)	258	631	637	833	
Varnishes -							
Own manufacture	"	1,055	1,433	2,416	1,937	2,224	}
Purchased	"	26	251	670	577	1,027	

PRINCIPAL ARTICLES PRODUCED

Paints -								
Ready-mixed - liquid	'000 gallons	2,115	3,162	5,513	4,300	5,180	6,239	
Other than Water, in								
Paste form (Heavy								
bodied Whites, etc.)	'000 lb.	(c)	(c)	(c)	6,058	7,472	7,150	
Water - Emulsion	"	} 5,174	5,531	22,543	15,655	20,334	18,459	
Other types	"				9,140	11,596	9,542	17
Colours (ground in oil)	'000 cwt.	(c)	19	14	18	19		
Enamels - Natural and								
Synthetic	'000 gallons	575	976	2,093	2,108	2,699	3,502	
Lacquer, nitro-cellulose -								
Clear	"	104	127	235	198	252	255	
Colours	"	473	500	956	814	1,054	1,222	
Thinners for Lacquers	"	} 671	754	{ 1,515	1,393	1,712	1,833	
Thinners for Enamels	"							215
Kalsomine	'000 lb.	5,584	6,111	7,363	3,787	3,396	3,095	
Stains (Oil, Spirit,								
Varnish, etc.)	'000 gallons	96	165	138	131	155	(b)	
Varnishes - Used in own								
works	"	1,055	1,433	2,458	1,977	2,229	(b)	
- For Sale	"	538	668	1,118	954	906	(b)	
Pigments -								
Whites -								
Zinc Oxide	'000 cwt.	117	96	223	87	173	185	
White Lead	"	105	118	182	} 150	} 181	} 192	
Other (d)	"	} 77	} 113	{ 257				
Colours -				{ 18	{ 20	{ 182		
Natural Earth Colours	"							
Red Lead and Litharge	"	} 77	} 113				{ 257	
Other	"			{ 105	{ 153			
Inks, Printing and								
Lithographic	'000 lb.	(c)	(c)	14,340	13,494	17,548	(b)	

(a) Preliminary - Subject to revision.

(b) Not yet available.

(c) Not available.

(d) Includes Titanium Dioxide.

4. EMPLOYMENT: The numbers of persons employed shown in Tables 1, 2, 8 and 9 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 according to the average number employed during the actual period worked.

TABLE 7 : WHITE LEAD, PAINTS AND VARNISH FACTORIES CLASSIFIED ACCORDING TO PERSONS EMPLOYED : AUSTRALIA

Number of Persons Employed in each Factory	1938-39		1945-46		1951-52		1952-53		1953-54	
	Number of Factories	No. Employed	Number of Factories	No. Employed	Number of Factories	No. Employed	Number of Factories	No. Employed	Number of Factories	No. Employed
Under 4	28	61	26	58	38	84	53	116	41	86
4	10	40	7	28	9	36	8	32	15	60
5 to 10	32	231	34	248	31	222	42	301	42	299
11 to 20	16	230	26	376	36	513	31	453	34	488
21 to 50	10	355	15	440	20	595	22	702	21	636
51 to 100	1	76	8	560	11	767	10	727	12	939
101 to 200	5	1,289	3	403	10	1,358	5	704	4	574
201 & over			3	1,090	3	1,578	4	1,648	5	1,855
TOTAL:	102	2,282	122	3,211	158	5,153	175	4,683	174	4,937
Average Number Employed per factory	22		26		33		27		28	

Further details of employment in the industrial group "White Lead, Paints and Varnishes" are furnished in the three following tables. In Table 8, the numbers of persons employed are shown according to sex and nature of employment for the year 1953-54.

TABLE 8 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : PERSONS EMPLOYED CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA, 1953-54.

Occupational Status	Males	Females	Total
Working Proprietors	61	5	66
Managerial and Clerical Staff, including Salaried Managers and Working Directors ..	623	502	1,125
Chemists, Draftsmen and Other Laboratory and Research Staff	473	30	503
Foremen and Overseers	241	11	252
Workers (skilled and unskilled) ..	2,491	456	2,947
Carters (excluding delivery only), Messengers and Persons Working Regularly at Home ..	41	-	41
TOTAL:	3,930	1,004	4,934

In Table 9 the numbers of persons employed are shown for the years 1938-39, 1945-46 and 1951-52 to 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 9 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : PERSONS EMPLOYED : MALES
CLASSIFIED ACCORDING TO OCCUPATIONAL STATUS : AUSTRALIA

Occupational Status	1938-39	1945-46	1951-52	1952-53	1953-54
MALES					
Working Proprietors ..	39	47	47	54	61
Managerial and Clerical Staff including Salaried Managers and Working Directors ..	1,711	376	647	647	623
Chemists, Draftsmen and Other Laboratory and Research Staff		231	436	409	473
Foremen and Overseers ..		102	195	201	241
Workers in Factory (Skilled and Unskilled) ..		1,717	2,753	2,331	2,491
Others (Carters and Messengers, etc.) ..	39	21	17	22	41
(Males :	1,789	2,494	4,095	3,664	3,930
Total (Females :	482	703	1,046	958	1,004
(Persons :	2,271	3,197	5,141	4,622	4,934

In the following table the number of persons employed in the manufacture of White Lead, Paints and Varnishes in June in the years 1939, 1946 and 1952 to 1954 are shown according to age and sex distribution.

**TABLE 10 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : 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										
T 1939(a)	58	(b)	(b)	(b)	(b)	(b)	310	1,365	1,733	
K 1946(a)	20	36	60	55	41	51	243	2,523	2,786	
S 1952(c)	21	24	46	46	53	41	210	3,440	3,671	
V 1953(c)	17	45	50	61	55	45	256	3,476	3,749	
V 1954(c)	22	30	54	43	57	65	249	3,714	3,985	
FEMALES										
P 1939(a)	30	(b)	(b)	(b)	(b)	(b)	189	253	472	
1946(a)	20	46	53	57	44	36	236	473	729	
1952(c)	20	29	36	47	45	43	200	730	950	
1953(c)	22	34	38	26	47	43	188	766	976	
1954(c)	27	31	42	43	33	37	186	874	1,087	

- (a) Pay day nearest 15th Jun.
(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 given include the rated horse-power of engines ordinarily in use, together with those in reserve or idle.

TABLE 11 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : 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	8	-	-	-	5	5
Turbine	-	-	-	-	-	-
Internal Combustion -						
Gas	-	10	10	-	-	-
Petrol or Other						
Light Oils	93	1,053	845	-	184	550
Heavy Oils	45	1,321	576	-	10	450
Water	-	-	-	-	-	-
Total Prime Movers:	146	2,384	1,431	-	199	1,005
Motors driven by electricity -						
Purchased	7,550	20,385	21,288	130	1,845	1,672
Own Generation	-	-	-	-	-	-
Total, Electricity:	7,550	20,385	21,288	130	1,845	1,672
TOTAL POWER EMPLOYED:	7,696	22,769	22,719	130	2,044	2,677

6. **POWER, FUEL AND LIGHT, ETC., USED.** Details of the quantities and values of the various items of power, fuel and light used in White Lead, Paints and Varnish factories are shown in the following table for the years 1938-39, 1952-53 and 1953-54.

TABLE 12 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : POWER, FUEL AND LIGHT, ETC., USED : AUSTRALIA

Particulars	Unit of Q'ty.	Quantity			Value (£)		
		1938-39	1952-53	1953-54	1938-39	1952-53	1953-54
Power, Fuel and Light -							
Coal - Black	ton	3,421	1,757	2,253	4,799	8,758	10,771
Brown	"	55	-	-	90	-	-
Brown Coal Briquettes	"	(a)	-	4	(a)	-	24
Coke	"	3,925	4,520	7,348	5,172	26,947	43,425
Wood	"	335	229	187	328	779	850
Fuel Oil	gallon	175,872	579,082	694,326	4,173	49,024	58,386
Tar (Fuel)	"	(b)	102,000	202,620	(b)	5,305	10,585
Electricity	-	(c)	(c)	(c)	21,358	121,457	154,595
Gas	-	(c)	(c)	(c)	4,316	27,262	34,057
Other (Charcoal, etc.)	-	(c)	(c)	(c)	297	270	1,079
Water and Lubricating Oil Used	-	(c)	(c)	(c)	4,459	18,452	23,354
TOTAL:		(c)	(c)	(c)	44,992	258,254	337,126

(a) Included with Brown Coal.

(b) Included with other (Charcoal, etc.)

(c) Value only available.

7. VALUE OF LAND, BUILDINGS, PLANT AND MACHINERY. Particulars of the book values of premises occupied and plant installed for factory purposes at 30th June for each of 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 : WHITE LEAD, PAINTS AND VARNISH FACTORIES : VALUE OF LAND AND BUILDINGS, PLANT AND MACHINERY, ETC. : AUSTRALIA
(£)

Year	Book Values as at 30th June (a)		Additions & Replacements made during year		Depreciation allowed during year	
	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery	Land and Buildings	Plant and Machinery
1938-39	761,345	324,222	60,881	54,977	8,263	31,689
1945-46	973,166	524,065	81,141	147,504	212	65,267
1951-52	3,212,761	1,841,507	311,019	515,645	24,07	192,030
1952-53	3,669,151	2,112,908	337,611	374,530	25,350	193,401
1953-54	4,065,912	2,230,202	171,049	316,080	35,000	273,397

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

8. EXTERNAL TRADE. The values of imports and exports of a number of items included in the group - Pigments, Paints and Varnishes - are given for the year 1938-39, 1945-46 and 1951-52 to 1953-54 in the following tables:-

TABLE 14 : VALUE OF IMPORTS OF SPECIFIED ITEMS OF PIGMENTS, PAINTS AND VARNISHES : AUSTRALIA
(£A. f.o.b. Port of Shipment)

Item	1938-39	1945-46	1951-52	1952-53	1953-54
Paints and Pigments -					
Pigments	566,978	950,067	3,627,854	1,161,910	3,184,581
Paints Ground in Liquid	3,546	5,416	36,331	22,159	18,038
Paints Prepared for use (not Enamel)	28,125	4,300	52,871	11,229	27,399
Whiting	15,192	14,377	61,381	10,186	29,517
Other	28,901	18,189	70,056	22,316	79,475
Enamels, Lacquers and Varnishes	19,307	15,799	104,022	59,521	91,574
TOTAL :	662,049	1,008,148	3,952,515	1,287,321	3,430,584

TABLE 15 : VALUE OF EXPORTS OF SPECIFIED ITEMS OF PIGMENTS, PAINTS AND VARNISHES : AUSTRALIA
(£A. f.o.b. Port of Shipment)

Item	1938-39	1945-46	1951-52	1952-53	1953-54
Paints and Pigments -					
Pigments	28,636	65,837	403,244	319,099	400,264
Paints Ground in Liquid	27,210	53,067	307,344	226,673	230,580
White Lead	22,886	16,792	253,695	60,984	57,704
Other	36,033	6,254	50,954	35,244	60,654
Enamels, Lacquers and Varnishes	63,487	8,992	56,749	46,784	96,609
TOTAL:	178,252	150,942	1,071,986	688,784	845,811

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ACTING COMMONWEALTH STATISTICIAN

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.