

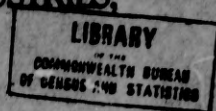
Commonwealth Bureau of Census and Statistics.

CANBERRA

OFFICIAL STATISTICS, COMMONWEALTH OF AUSTRALIA.

MANUFACTURING INDUSTRIES,

1945-46.



17 MAY 1947

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

**PREPARED UNDER INSTRUCTIONS FROM THE
RIGHT HONORABLE THE TREASURER.**

BY

**ROLAND WILSON, C.B.E., B. Com., D. Phil., Ph. D.,
COMMONWEALTH STATISTICIAN.**

WHITE LEAD, PAINTS AND VARNISH.

PREFACE.

1. GENERAL: Information is now available to continue the release of these surveys for the year 1945-46. The industries included in this series are listed on the back of the cover page. They include those listed in the same series for 1944-45, together with the following additions for 1945-46, viz., Cotton Mills, Paper Mills and Wineries and Distilleries. Other summaries will follow as soon as possible, Nos. 1 - Cement and Cement Goods and 2 - Bricks, Tiles, Pottery and Earthenware having already been published.
2. CLASSIFICATION OF FACTORIES: The classification of factories in Australia is based on the nature of the product. Where two or more distinct types of industrial activity are carried on in one establishment, factory proprietors are requested to furnish separate returns for each activity. In some instances, however, this is not practicable, and in such cases there is no alternative but to classify the factory according to its predominant activity. This difficulty is most acute in the Metal Trade industries (e.g., Engineering firms also producing Agricultural Implements, Stoves and Ovens, and/or Brass and Copper products), but it is also to be found in factories concerned with the treatment or manufacture of Skins, Leather, Clothing, Wood Products and some other articles. In consequence, and to an extent which will vary with individual industries, the figures may include the subsidiary but extraneous activities of those establishments included in the industry, while they will exclude relevant activities which are subsidiary to the predominant activity of establishments classified to some other industry. This qualification is not important in the case of "White Lead, Paints and Varnish", the industry with which this summary is concerned.
3. BASIS OF THE STATISTICS: The scope of the factory statistics is fully explained in Part I of the annual Production Bulletin.

Briefly, a "factory" is taken to be an industrial establishment in which four or more hands are employed or in which power other than hand is used.

All persons employed in the manufacturing activities of the factory are counted as factory employees. The figures relating to employment, therefore, exclude all those engaged in selling and distribution, such as salesmen, travellers, collectors, carters engaged solely on outward delivery 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 whole sale selling value at the factory of goods made or processed during the year, including by-products. In addition, it includes the value of other work done, such as repair work, assembling and making up for customers.

The value of production is the value of output minus the cost of raw materials, containers, power, fuel, light, lubricants, water, tools replaced, and repairs to plant, and represents the value added in the process of manufacture within the factories. As full details of the costs of production are not collected, the amount of profit resulting from operations cannot be ascertained. The value of production, therefore, is the source from which such items as wages, interest, depreciation, taxation, insurance, advertising and other sundry charges are met.

ROLAND WILSON
COMMONWEALTH STATISTICIAN.

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.

TABLE I. WHITE LEAD, PAINTS AND VARNISH : AUSTRALIA.

Year	Number of Factories	Persons Employed (a)	Salaries and Wages Paid (b)	Power, Fuel and Light etc. Used	Value of Materials etc. Used (c)	Value of Production	Value of Output
	No.	No.	£'000	£'000	£'000	£'000	£'000
1925-36	83	1,774	361	36	1,826	1,264	3,126
1936-37	90	1,987	412	42	2,100	1,398	3,540
1937-38	98	2,166	488	45	2,391	1,564	4,000
1938-39	102	2,271	536	45	2,275	1,585	3,905
1939-40	105	2,367	570	49	2,719	1,536	4,304
1940-41	109	2,408	597	54	2,865	1,799	4,718
1941-42	106	2,383	650	57	3,062	1,834	4,953
1942-43	110	2,169	648	58	3,180	1,606	4,844
1943-44	111	2,350	728	66	3,944	1,922	5,932
1944-45	113	2,501	792	70	4,466	2,158	6,694
1945-46	122	3,197	1,005	81	4,775	2,448	7,304

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

(c) Includes also containers, packing, etc., replacements of tools and repairs to plant.

In the following table, particulars of the Industry are given for each State during the year 1945-46:-

TABLE II. WHITE LEAD, PAINTS AND VARNISH : STATES, 1945-46.

Particulars	N.S.W.	VIC.	Q'LD.	S.A.	W.A.	TAS.	AUSTRALIA
	No.	No.	No.	No.	No.	No.	No.
Number of Factories	58	42	5	13	3	1	122
Number Employed (a) -							
Males	1,710	528	60	166	25	5	2,494
Females	470	150	9	70	3	1	703
Total	2,180	678	69	236	28	6	3,197
Value of -	£	£	£	£	£	£	£
Salaries and Wages Paid(b)	721,122	192,117	21,235	60,019	(c)	(c)	1,005,121
Power, Fuel & Light, etc. used	61,366	13,256	1,067	4,480	(c)	(c)	80,675
Materials etc. used	3,072,433	1,060,878	165,185	390,678	(c)	(c)	4,775,075
Production	1,642,683	550,804	67,928	156,753	(c)	(c)	2,448,417
Output	4,776,482	1,624,138	234,183	551,911	(c)	(c)	7,304,167
Land and Buildings	616,016	241,018	11,538	87,802	(c)	(c)	973,166
Plant and Machinery	320,897	131,979	14,488	48,749	(c)	(c)	524,065
H.P. of Engines ordinarily in use	H.P. 8,385	H.P. 2,464	H.P. 222	H.P. 976	H.P. (c)	H.P. (c)	H.P. 12,252

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

(c) Not available for publication. Figures are included in the total for Australia.

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, are shown in the following table for each of the years 1935-36 to 1945-46:-

TABLE III. 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 per cent. of Salaries and Wages to Value of Production
	£.	£.	£.	%
1935-36	210	1,762	712	28.54
1936-37	212	1,781	704	29.50
1937-38	230	1,847	722	31.19
1938-39	240	1,720	698	33.75
1939-40	246	1,818	649	37.08
1940-41	253	1,959	747	33.19
1941-42	279	2,078	769	35.46
1942-43	307	2,234	741	40.37
1943-44	317	2,524	816	37.87
1944-45	322	2,677	863	36.72
1945-46	319	2,285	766	41.05

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

(b) Includes Working Proprietors.

3. MATERIALS USED AND ARTICLES PRODUCED: Particulars of the materials used and articles produced in White Lead, Paint and Varnish factories during 1945-46 are shown in the following table. The quantities and values shown here are those furnished by the establishments included in this summary only. The figures do not include similar materials used or articles produced in establishments not classified as White Lead, Paints and Varnish Factories.

TABLE IV. MATERIALS USED AND ARTICLES PRODUCED : AUSTRALIA, 1945-46.

Particulars	Unit	Quantity	Value £.
Materials Used:			
Pigments - White Lead -			
Own manufacture	cwt.	43,582	(a)
Purchased	"	36,458	88,456
Zinc oxide -			
Own manufacture	"	2,941	(a)
Purchased	"	73,064	153,747
Lithopone	"	26,257	60,954
Titanium oxide	"	24,880	163,465
Antimony oxide	"	3,319	25,939
Natural earths	"	114,015	58,470
Other white bases, n.e.i.	-	(b)	28,012
Colours - red lead and litharge	cwt.	13,807	28,540
natural earth colours	"	39,224	39,697
other oxides	"	13,932	30,919
synthetic or chemical colours	"	19,591	175,939
blacks	"	2,594	14,458
Bitumen and pitch	"	40,506	37,791
Metallic powders	"	1,680	32,242
Other pigments, n.e.i.	-	(b)	35,008
Oils - linseed oil	gals.	1,920,784	793,666
tung oil	"	14,298	19,162
castor oil	"	180,332	109,594
other oils, n.e.i.	-	(b)	22,594
Gums, Resins, etc. -			
Gums, natural	cwt.	7,366	37,994
Gums, synthetic	"	9,947	57,119
Resins, natural	"	3,218	10,924
Resins, synthetic	"	22,728	152,407
Rosin	"	13,386	38,236
Shellac	"	862	15,247
Other gums, resins, etc.	-	(b)	14,707
Solvents - turpentine, pure	gals.	29,345	10,079
turpentine, mineral	"	1,332,742	123,419
petroleum solvents	"	787,630	118,370
methylated spirits	"	360,943	61,325
kerosene	"	402,881	28,112
acetates	"	257,615	178,459
other solvents, n.e.i.	-	(b)	103,046
Varnishes - Own manufacture	gals.	1,432,992	(a)
Purchased	"	251,499	129,357
Other materials - pig lead	tons	10,534	251,378
dryers	gals.	63,938	25,456
casein	cwt.	2,564	8,356
glue	"	2,586	10,526
nitro-cellulose	gal.	61,668	63,240
other materials used	-	(b)	640,210
Total Materials Used:		(b)	3,996,620

WHITE LEAD, PAINTS AND VARNISH (Continued)

4.

TABLE IV. MATERIALS USED AND ARTICLES PRODUCED : AUSTRALIA, 1945-46.
(Continued).

Particulars		Quantity	Value
<u>Articles Produced:</u>			
Paints - water	lb.	5,531,214	138,389
- oil and ready mixed	gals.	3,162,388	2,686,465
- other (including bituminous)	"	266,666	143,169
Colours (dry)	lb.	6,579,261	117,145
Colours ground in oil	"	2,113,021	100,565
Varnishes - consumed in own works	gals.	1,433,238	(a)
- for sale	"	668,453	353,594
Kalsomino	lb.	6,111,469	107,450
Lacquer nitro-cellulose - clear	gals.	127,147	95,459
- colours	"	500,038	504,384
Lacquer thinners	"	681,697	295,886
Enamels	"	440,189	459,990
Stains (oil spirit, varnish, etc.)	"	140,742	76,386
Red lead	cwt.	37,619	79,483
White lead - consumed	"	43,582	(a)
- for sale	"	74,017	191,714
Zinc oxide - consumed	"	2,941	(a)
- for sale	"	34,579	60,844
Zinc oxide paste	"	11,058	35,783
Putty	"	36,966	72,783
Poliashes	"	(b)	4,163
Paint and varnish removers	gals.	55,321	33,714
Synthetic finishes - clear	"	48,508	47,762
- colours	"	485,493	604,423
- thinners	"	72,673	22,529
Rubbing compounds	lb.	218,780	16,813
Plastic woods	"	23,318	2,267
Other articles produced (incl. value of other work done)		(b)	1,043,701
TOTAL VALUE OF OUTPUT		(b)	7,304,167

(a) Quantity only. (b) Value only.

4. EMPLOYMENT: The number of persons employed shown in Tables I, II, VI and VII 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.

TABLE V. FACTORIES CLASSIFIED ACCORDING TO HANDS EMPLOYED : AUSTRALIA.

Number of Persons Employed in each Factory	1938-39		1942-43		1943-44		1944-45		1945-46	
	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed	Number of Factories	Number Employed
Under 4	28	61	28	57	27	62	29	61	26	58
4	10	40	10	40	5	20	5	20	7	28
5 to 10	32	231	38	256	40	280	39	295	34	248
11 to 20	16	230	16	248	19	290	16	246	26	376
21 to 50	10	355	10	337	12	417	14	437	15	448
51 to 100	1	76	4	285	4	297	5	315	8	560
101 to 200										
201 & over	5	1,289	4	954	4	984	5	1,136	3	403
Total	102	2,282	110	2,177	111	2,350	113	2,510	122	3,211
Average number employed per factory.	22		20		21		22		26	

Further details of employment in the industrial group "White Lead, Paints and Varnishes" are furnished in the following five tables. In Table VI, the number of persons employed are shown according to sex and nature of employment for the year 1945-46.

TABLE VI. PERSONS EMPLOYED CLASSIFIED ACCORDING TO THE GRADE OF OCCUPATION : AUSTRALIA, 1945-46.

Grade of Occupation	Males	Females	Persons
	No.	No.	No.
Working proprietors	47	2	49
Managerial & clerical staff incl. salaried managers and working directors	376	342	718
Chemists, draftsmen and other laboratory and research staff	231	19	250
Foremen and overseers	102	1	103
Workers in factory (skilled and unskilled)	1,717	336	2,055
Carters (excl. delivery only), messengers and persons working regularly at home	21	1	22
TOTAL:	2,494	703	3,197

In Table VII the numbers employed are shown for the years 1938-39 and 1941-42 to 1945-46 according to the nature of their employment but because of the change in classification comparison between 1945-46 and earlier years is not wholly effective.

TABLE VII. PERSONS EMPLOYED, CLASSIFIED ACCORDING TO GRADE OF OCCUPATION: AUSTRALIA.

Grade of Occupation	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46
	No.	No.	No.	No.	No.	No.
Working Proprietors	41	52	55	55	42	49
Managers and Overseers	117	119	138	153	186	
Clerical Staff	471	495	480	528	584	
Engine Drivers and Firemen	9	10	9	9	8	3,126
Workers, skilled and unskilled	1,592	1,667	1,443	1,556	1,618	
Others (Carters and Messengers)	41	40	44	49	63	22
TOTAL:	2,271	2,383	2,169	2,350	2,501	3,197

The next table shows the actual number of persons employed (excluding Working Proprietors) on the pay-day nearest to the 15th of each month for the years 1944-45 and 1945-46.

TABLE VIII. PERSONS EMPLOYED ON PAY-DAY NEAREST TO THE 15TH OF EACH MONTH : AUSTRALIA.
(Working Proprietors excluded)

Month	1944-45			1945-46		
	Males	Females	Total	Males	Females	Total
July	1,813	527	2,340	2,031	595	2,626
August	1,821	527	2,348	2,049	649	2,658
September	1,843	523	2,366	2,129	650	2,779
October	1,872	524	2,396	2,186	679	2,865
November	1,878	528	2,406	2,321	680	3,001
December	1,911	540	2,451	2,363	688	3,051
January	1,932	530	2,462	2,477	689	3,166
February	1,959	536	2,495	2,619	737	3,356
March	1,971	553	2,524	2,665	745	3,430
April	1,964	558	2,522	2,766	757	3,523
May	1,992	551	2,543	2,799	740	3,539
June	2,005	564	2,569	2,786	729	3,515

The number of persons employed on or about the 15th June, 1946, are distributed according to age and sex in Table IX. The numbers of persons employed, aged 16 to 20, were collected on this occasion in single year groups and this procedure will be continued in future. It is not possible to give a comparison on this basis for previous years but the comparison on the old basis has been retained, as shown in Table X.

TABLE IX. PERSONS EMPLOYED CLASSIFIED ACCORDING TO AGE AND SEX : AUSTRALIA, JUNE, 1946.
(Excluding Working Proprietors)

Sex	Under 16 yrs.	16 years	17 years	18 years	19 years	20 years	21 years and over	Total
Males	20	36	60	55	41	51	2,523	2,786
Females	20	46	53	57	44	36	473	729
Persons	40	82	113	112	85	87	2,996	3,515

TABLE X. DISTRIBUTION OF EMPLOYEES ACCORDING TO AGE AND SEX : AUSTRALIA.

JUNE	MALES				FEMALES				PERSONS			
	Under 16 years	16 & under 21 yrs.	Adults	Total	Under 16 years	16 & under 21 yrs.	Adults	Total	Under 16 years	16 & under 21 yrs.	Adults	Total
	16 yrs.	21 yrs.			16 yrs.	21 yrs.			16 yrs.	21 yrs.		
1939	58	310	1,365	1,733	30	189	253	472	88	499	1,618	2,205
1940	35	324	1,492	1,851	9	224	259	492	44	548	1,751	2,343
1941	47	335	1,589	1,971	30	219	287	536	77	554	1,876	2,507
1942	31	187	1,365	1,583	10	184	286	480	41	371	1,651	2,063
1943	30	192	1,417	1,639	22	193	320	535	52	385	1,737	2,174
1944	30	189	1,619	1,838	20	178	333	531	50	367	1,952	2,369
1945	28	209	1,768	2,005	20	179	365	564	48	388	2,133	2,569
1946	20	243	2,523	2,786	20	236	473	729	40	479	2,996	3,515

5. **POWER EQUIPMENT:** Statistics of the power equipment of the factories included in this group are given in the next table. The details given for the years 1938-39, 1944-45 and 1945-46, include the rated horse-power of engines ordinarily in use, together with those in reserve or idle.

TABLE XI. TYPES AND RATED HORSE-POWER OF ENGINES : AUSTRALIA.

Class of Engine	Rated H.P. of Engines					
	Ordinarily in Use			In Reserve or Idle		
	1938-39	1944-45	1945-46	1938-39	1944-45	1945-46
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Steam - Reciprocating	8	8	16	-	-	3
Turbine	-	-	-	-	-	-
Internal Combustion -						
Gas	-	-	-	-	-	-
Petrol or Other Light Oils	93	-	-	-	-	40
Heavy Oils	45	45	45	-	-	-
Water	-	-	-	-	-	-
Total Prime Movers:	146	53	61	-	-	43
Motors driven by electricity -						
Purchased	7,550	11,480	12,191	130	250	474
Own Generation	-	-	-	-	-	-
Total Electricity:	7,550	11,480	12,191	130	250	474
TOTAL POWER USED: (a)	7,696	11,533	12,252	130	250	517

(a) Without Duplication.

6. **POWER, FUEL AND LIGHT USED:** Details of the quantities and values of the various items of power, fuel and light used in White Lead, Paint and Varnish factories are shown for the years 1938-39, 1944-45 and 1945-46 in the following tables:-

TABLE XII. POWER, FUEL AND LIGHT, ETC. USED : AUSTRALIA.

Particulars	Unit of Quantity	Quantity			Value		
		1938-39	1944-45	1945-46	1938-39	1944-45	1945-46
Power, Fuel and Light -							
Coal - Black	ton	3,421	4,254	4,488	4,799	7,976	7,936
Brown	"	55	39	-	90	66	-
Brown Coal Briquettes	"	(a)	(a)	15	(a)	-	25
Coke	"	3,925	3,298	3,829	5,172	6,057	6,971
Wood	"	335	70	175	328	159	397
Fuel oil	gallon	175,872	274,063	216,693	4,173	10,115	9,807
Tar (Fuel)	"	(b)	(b)	116,340	(c)	(c)	1,939
Electricity	"	(d)	(d)	(d)	21,358	29,522	34,430
Gas	"	(d)	(d)	(d)	4,316	8,605	9,993
Other (Charcoal, etc.)	"	(d)	(d)	(d)	297	320	58
Water and Lubricating Oil used -	"	(d)	(d)	(d)	4,359	7,354	9,078
TOTAL:		(d)	(d)	(d)	44,992	70,274	80,675

(a) Included with Brown Coal. (b) Not available. (c) Included with other (Charcoal, etc.) (d) Value only available.

7. VALUE OF LAND, BUILDINGS, PLANT AND MACHINERY: Particulars of the book values of premises and plant used for factory purposes at the 30th June for each of the eight years ended 1946, 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 XIII. 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
1939-40	794,816	316,874	27,007	51,979	8,254	33,649
1940-41	812,759	358,447	37,871	43,855	9,164	37,507
1941-42	802,374	355,908	12,483	33,589	13,262	39,815
1942-43	828,790	368,410	15,030	34,187	9,130	39,369
1943-44	897,777	415,552	63,319	80,584	12,251	43,400
1944-45	936,927	459,252	34,728	94,325	14,954	52,481
1945-46	973,166	524,065	81,141	147,504	54,212	65,267

(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 - White Lead, Paints and Varnish - are given for the years 1938-39 and 1941-42 to 1945-46 in the following tables:-

TABLE XIV. VALUE OF IMPORTS OF SPECIFIED ITEMS OF WHITE LEAD, PAINTS AND VARNISH: AUSTRALIA.

Item	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46
	£A.	£A.	£A.	£A.	£A.	£A.
Paints and Colours -						
Dry Colours (a)	499,770	612,758	393,117	421,971	499,627	971,075
Ground in liquid	3,897	3,584	783	148	210	5,462
Kalsomine, Water Paints, etc.	1,970	4	-	-	-	6
Prepared for use (not enamel)	30,900	16,042	5,673	5,641	5,700	4,129
Enamels and glosses	5,363	4,761	509	40	822	9,836
Ships' anti-fouling compositions	4,891	10,267	16,887	9,222	1,149	489
White Lead	490	289	676	448	-	138
Whiting and Paris White	16,691	18,971	12,668	11,264	15,893	15,795
Zinc Oxide	22,963	7,287	790	1,589	11,191	69,659
Putty	1,579	490	69	-	3	-
Varnishes, Stains, Lacquers, etc.	17,307	24,913	9,784	7,738	4,578	12,490
Other paints, etc.	121,561	120,922	119,454	92,850	76,750	18,557
TOTAL:	727,362	819,568	560,410	550,911	615,923	1,107,636

(a) Includes Blacks - Bone, Ivory, Lamp and Vegetable previously shown under Other Paints, etc.

TABLE XV. VALUE OF EXPORTS OF SPECIFIED ITEMS OF WHITE LEAD, PAINTS AND VARNISH: AUSTRALIA.

Item	1938-39	1941-42	1942-43	1943-44	1944-45	1945-46
	£A.	£A.	£A.	£A.	£A.	£A.
Whiting and Putty	329	1,038	823	446	723	2,632
Varnishes	63,487	1,568	477	336	586	3,334
White Lead	22,886	45,331	81,165	31,444	18,441	16,792
Dry Colours	28,636	30,746	17,404	21,569	23,328	61,727
Paints Ground in Liquid	27,210	71,990	26,453	12,486	20,206	4,717
All Other Paints	35,704	58,444	58,363	43,092	40,785	61,740
TOTAL:	178,252	209,137	184,320	109,473	104,069	150,942

9. MINIMUM WEEKLY RATES OF WAGE: The following table shows, in respect of White Lead, Paints and Varnish factories, the minimum weekly rates of wage in operation at 30th June, 1946, as prescribed by State Industrial Tribunals. Where no rate is shown, it indicates that the particular occupation is not specifically provided for in the award or determination. In all cases the hours of labour constituting a full week's work are 44:-

WHITE LEAD, PAINTS AND VARNISH.

8.

TABLE XVI. : MINIMUM WEEKLY RATES OF WAGE AS AT 30TH JUNE, 1946

Occupation	N.S.W.	Vic.	QLD.	S.A.	W.A.	TAS.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
<u>WHITE LEAD</u>						
Employee engaged in -						
Handling pots, tan bark, timber, pig lead ..	120. 6					
Setting and Weighing ..	122. 0					
Lead Kettles ..	127. 0					
Castings machines ..	120. 6					
Grinding and filling white Lead in Oil ..	127. 0					
Filling dry White Lead ..	136. 0					
Pulper man ..	132. 0					
Drawer and Stripper ..	137. 6					
Finisher and header-up ..	121. 0					
Leading hand ..	145. 0					
<u>PAINTS, LACQUERS, ETC.</u>						
Employee engaged in -						
Paint mixing ..	122. 0	111. 0)				
Kalsomine Mixing ..	122. 6	111. 0)				
Paint tinting ..	125. 0	116. 0)				
Varnish blender ..	118. 0	111. 0)				
Varnish maker ..	130. 0	128. 6)				
Gum runner ..	130. 0	128. 6)	107. 0			
Resin treater ..	130. 0	111. 0)				
Assistant ..	116. 0	108. 0)				
Oil boiler ..	127. 6	111. 0)				
Oil refiner ..	125. 0	111. 0)				
Leading hand ..	137. 6	123. 6	122. 0			
<u>ZINC</u>						
Packer (White Zinc) ..	118. 0					
Furnace-man -						
Treating raw material ..	122. 0					
Retort man ..	115. 0					
Leading hand ..	129. 6					
<u>ADULT FEMALE</u>	..	60. 0	63. 6	56. 6		
		to				
		65. 0				
<u>YOUTH -</u>						
Under 16 years ..	..	37. 9	22. 9	31. 9		
16 years ..	..	45. 8	34. 6	38. 6		
17 " ..	..	52. 7	40. 3	42. 1		
18 " ..	..	62. 7	49. 6	48. 6		
19 " ..	..	77.11	60. 9	58. 1		
20 " ..	..	101. 3	80. 6	72. 7		
<u>JUNIOR FEMALE</u>						
Under 17 years ..	..	37. 3	34. 6	29. 0		
17 years ..	..	43. 6	40. 3	33. 2		
18 " ..	..	49.10	43. 0	37.11		
19 " ..	..	49.10	49. 6	37.11		
20 " ..	..	54. 7	55. 0	42. 2		

ROLAND WILSON
COMMONWEALTH STATISTICIAN

COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

CANBERRA.....A.C.T.

17th July, 1947.