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EVENING PAPERS .. FRIDAY, 16th JULY, 1937.
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EMPLOYMENT AND UNEMPLOYMENT - JUNE, 1937.

The latest available statistics, from various sources, which offer some indication of the movement of Employment and Unemployment throughout Australia have been issued by the Commonwealth Statistician (Dr. Roland Wilson) on the basis of information supplied by the State Statisticians.

ANNUAL INDEX OF EMPLOYMENT IN FACTORIES - (Base Year 1928-29 = 100).

Number of Employees in 1928-29	New South Wales	Vic-toria	Queens-land	South Aus-tralia	Western Aus-tralia	Tas-mania	TOTAL	Total divided by Index of Population of Work-ing Age
	180,806	156,568	45,031	36,807	20,804	10,466	450,482	
1925-26	94	95	106	106	99	97	97	103
1926-27	99	101	98	112	93	101	100	104
1927-28	99	100	99	106	98	106	100	102
1928-29	100	100	100	100	100	100	100	100
1929-30	90	96	95	87	94	103	93	91
1930-31	71	80	84	65	70	84	75	73
1931-32	70	82	80	65	64	86	75	71
1932-33	77	92	83	72	71	88	82	76
1933-34	85	100	89	80	78	93	90	82
1934-35	97	108	96	91	85	101	100	90
1935-36	107	117	100	105	101	111	109	97

A column has been added to the above table comparing the growth in factory employment with an estimate of the growth of population of working age (obtained from Census data and vital statistics). This indicates that although factory employment has increased by 9 per cent. since 1928-29, population of working age has increased more rapidly, so that the proportion of this population employed in factories was in 1935-36 3 per cent. lower than in 1928-29.

It is estimated that wage-earners employed in factories at the 15th December, 1936 represented about 22 per cent. of all persons dependent on employment in the Commonwealth. The relative proportions and the rates of increase in relation to total employment vary between States.

The following table shows the masculinity of persons employed in factories in the several States during the years 1925-26 to 1935-36.

Males employed in factories as percentage of all persons employed in factories.

Year	New South Wales	Victoria	Queens-land	South Australia	Western Australia	Tasmania	AUSTRALIA
1925-26	76.0	68.3	85.1	82.7	84.2	81.1	75.4
1926-27	75.5	67.4	84.1	83.0	82.2	81.1	74.6
1927-28	75.5	67.4	83.6	82.5	81.8	78.6	74.5
1928-29	75.1	66.8	82.4	82.6	81.7	78.0	74.0
1929-30	74.9	66.3	82.4	82.3	81.4	79.0	73.5
1930-31	73.6	65.8	82.2	80.9	80.2	78.4	72.6
1931-32	71.8	63.6	81.4	79.4	78.7	77.8	70.7
1932-33	72.0	63.6	80.5	79.3	79.3	77.4	70.5
1933-34	72.5	64.6	80.5	80.5	80.0	78.9	71.3
1934-35	72.6	65.4	80.4	81.4	80.2	78.8	71.7
1935-36	72.9	66.4	80.7	81.6	80.6	79.5	72.4

The following monthly index figures of employment in factories show that factory employment was higher in April, 1937 than in April, 1936 for Australia as a whole and for all States except Tasmania. In the latter State, however, the index for April, 1936 was exceptionally high. The Australian index for the first four months of 1937 was 5% higher than that for the corresponding period of 1936. A similar comparison for each State gives the following:- New South Wales, 8.5% increase; Victoria, 2.5% increase; Queensland, 5.3% increase; South Australia, 4.7% increase; Western Australia, 4.3% increase; Tasmania, 4.8% decrease.

MONTHLY INDEX OF EMPLOYMENT IN FACTORIES (a)

(Base: Average for Year 1928-29 = 100)

Month	New South Wales			Victoria			Queensland			South Australia			Western Australia			Tasmania			AUSTRALIA				
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M(b)	F(b)	T		
1933 - July ..	76	84	78	89	97	92	79	89	81	72	84	74	69	81	71	95	86	93	80	90	83		
December..	83	98	86	97	108	101	84	99	87	76	90	79	77	91	80	98	87	96	87	102	91		
1934 - July ..	88	96	90	100	106	102	89	99	91	83	90	84	77	84	78	89	89	89	91	100	93		
December..	94	109	98	107	114	109	89	106	92	89	99	91	85	96	87	100	92	98	97	110	100		
1935 - July ..	Not available			101	(d)111	(d)112	(d)111	96	108	99	97	98	97	82	91	84	108	100	106	(d)103	(d)109	(d)103	
August ..				103	111	113	112	96	111	99	95	99	96	83	92	84	110	100	108	103	110	104	
September ..				105	112	116	113	95	114	99	98	100	98	88	92	89	111	98	108	104	113	106	
October ..				106	114	120	116	99	117	102	99	102	100	90	93	91	112	101	109	107	116	106	
November..				108	114	120	116	99	117	102	98	101	98	90	96	91	115	103	112	107	116	109	
December..				110	114	121	117	95	111	97	100	102	101	92	96	93	119	107	116	107	117	110	
1936 - January ..				105	116	118	117	86	101	89	101	102	101	92	94	92	122	109	119	106	114	107	
February..				(c)105	119	131	123	91	108	94	105	106	105	93	94	93	123	127	124	110	124	(c)110	
March ..				(c)107	124	132	126	94	109	96	108	105	108	95	95	95	121	117	120	113	125	(c)113	
April ..				108	122	114	119	93	108	95	110	103	108	94	94	94	118	107	116	112	111	110	
May ..				109	120	117	119	97	112	100	107	100	106	95	94	95	118	108	116	111	113	111	
June ..				109	118	115	117	101	107	102	103	96	102	92	95	93	114	105	112	110	111	110	
July ..				110	118	114	117	105	108	106	103	99	102	(e)93	(e)93	(e)93	112	102	110	111	110	110	
August ..				110	117	114	116	106	113	107	102	100	101	93	92	93	112	97	108	110	111	110	
September ..				111	116	117	116	108	118	110	102	100	102	94	94	94	112	101	109	110	114	111	
October ..				114	119	117	118	107	117	108	101	99	100	94	96	94	112	103	110	111	114	113	
November..				115	118	116	117	103	118	106	104	101	103	95	97	95	114	104	112	111	114	113	
December..				115	118	117	118	98	115	101	108	102	107	96	98	96	114	105	112	111	115	113	
1937 - January ..				112	118	116	118	91	107	94	106	99	105	97	95	96	115	103	112	110	112	111	
February..				116	124	129	126	95	112	98	111	107	110	98	93	97	117	117	117	114	123	116	
March ..				117	126	130	127	98	113	101	113	105	112	99	94	98	115	118	116	116	123	118	
April ..				116	128	123	126	99	109	101	117	106	115	100	94	99	112	105	111	118	118	117	
May ..				118	129	115	124	-	-	-	118	104	115	98	95	97	112	103	110	-	-	-	
June ..				-	-	-	-	-	-	-	-	-	-	97	95	97	-	-	-	-	-	-	
Number of Fac- tories in Sample	1901			100			150			114			92			50			2407				
Percentage of work- ers in sample in 1934-35 ..	82%			21%			47%			54%			36%			78%			52%				

... and from July 1933 for Tasmania, all indexes are based on

(a) From July 1935 for N.S.W., Victoria, Queensland, S.A. and W.A. and from July 1933 for Tasmania, all indexes are based on sample returns. They are therefore preliminary and will be adjusted when final monthly figures for 1935-36 become available.
 (b) From July 1935 the Male and Female indexes for Australia are based on five States, excluding N.S.W. In 1935-36 these States contained 60% of male factory employees and 62% of female factory employees. The index of total employees is based on six States.
 (c) Industrial Dispute in N.S.W. (d) Indexes for Victoria and, to the extent of the Victorian adjustment, for Australia have been revised from July 1935. (e) Indexes for W.A. have been revised from July 1936.

MONTHLY INDEX OF EMPLOYMENT IN RETAIL STORES.

(Base: July, 1933 = 100)

Month	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	SIX STATES
1933 - July ..	100	100	100	100	100	100	100
December	113	121	110	108	106	115	114
1934 - March ..	104	109	100	102	98	107	104
June ..	105	109	103	104	100	105	106
1933-34 - Average..	103	107	101	102	99	106	104
1934 - July ..	108	109	104	106	104	107	107
September	107	110	103	103	100	106	107
December	123	131	116	118	119	119	124
1935 - March ..	109	118	105	107	105	107	111
June ..	112	123	105	111	107	106	114
1934-35 - Average..	111	118	106	108	105	108	112
1935 - July ..	116	120	107	107	111	109	115
August ..	113	120	108	109	105	108	113
September	113	123	104	113	106	107	114
October..	115	128	107	112	108	107	117
November	119	131	106	115	109	110	120
December	133	145	106	128	123	120	132
1936 - January..	116	132	109	116	114	115	120
February	119	133	107	114	110	111	120
March ..	117	132	109	113	110	111	119
April ..	118	129	108	114	109	113	119
May ..	119	132	110	114	111	112	121
June ..	120	132	110	113	109	113	121
1935-36 - Average..	118	130	109	114	110	112	119
1936 - July ..	122	130	109	116	113	107	121
August ..	120	128	109	115	111	113	120
September	120	128	109	118	113	115	120
October..	121	133	110	112	116	116	122
November	123	139	111	115	116	119	125
December	137	155	121	125	127	132	138
1937 - January..	123	138	112	112	116	120	125
February	125	137	111	111	114	122	125
March ..	123	135	111	111	114	118	123
April ..	124	136	109	-	114	120	-
May ..	126	138	-	-	113	121	-

The number of establishments in respect of which returns are obtained are - New South Wales, 599; Victoria, 102; Queensland, 120; South Australia, 35; Western Australia, 69; Tasmania, 14. No adjustment has been made in the indexes on account of increased population.

INDEXES OF EMPLOYMENT IN NEW SOUTH WALES
AND QUEENSLAND.

Working from the basis of the results of the Census of 30th June, 1933, and from compilations made from returns of employers in remitting wages tax, and returns collected from Government Departments, the Government Statistician of New South Wales has prepared an index of employment and unemployment covering all persons dependent on employment in New South Wales. The Director of the Bureau of Industry of Queensland publishes an index of employment and unemployment among men wage and salary earners. The data for this index is derived from information relating to Unemployment Insurance Contributions and other sources. The results are given below -

/NEW SOUTH WALES.

NEW SOUTH WALES.

Percentages of Employment and Unemployment - All available wage-earners -
(a) Including and (b) excluding as employed the full-time equivalent of
men engaged part-time on relief works.

Month	Percentage of all who are dependent on and available for employment			
	(a) Including as employed the full-time equivalent of part-time relief workers		(b) Excluding as employed the full-time equivalent of part-time relief workers	
	Employed	Unemployed	Employed	Unemployed
Census of 30th June, 1933 ..	74.4	25.6	73.5	26.5
1934 - June ..	81.1	18.9	78.0	22.0
1935 - June ..	86.6	13.4	83.7	16.3
1936 - January..	88.1	11.9	85.9	14.1
February	88.6	11.4	86.4	13.6
March ..	89.8	10.2	87.6	12.4
April ..	90.1	9.9	87.9	12.1
May ..	90.8	9.2	88.6	11.4
June ..	90.4	9.6	88.2	11.8
July ..	90.9	9.1	88.7	11.3
August ..	90.8	9.2	88.8	11.2
September	91.6	8.4	90.2	9.8
October..	92.9	7.1	91.5	8.5
November	93.2	6.8	91.7	8.3
December	94.5	5.5	93.1	6.9
1937 - January..	92.1	7.9	90.8	9.2
February	93.3	6.7	91.8	8.2
March ..	93.2	6.8	91.9	8.1
April ..	93.7	6.3	92.4	7.6
May ..	94.3	5.7	93.0	7.0

The indexes have been adjusted to allow for an estimated increase of 1.2 per cent. per annum in the number of persons dependent on employment. At the Census of 30th June, 1933, 15,142 persons dependent on employment returned themselves as unemployed by reason of illness, accident, etc. or "voluntarily". This number, representing 1.8 per cent. of all persons dependent on employment, is excluded from the above indexes, which relate to percentages of available wage-earners employed and unemployed. The approximate number of persons in private employment was 478,000 in June, 1933; 519,000 in June, 1934; 567,000 in June, 1935; 614,000 in June, 1936; and 650,000 in May, 1937.

QUEENSLAND.

Employment and Unemployment among Men Wage and Salary Earners. (In terms of full-time employment and unemployment excluding normal seasonal variations).

Period	Percentage		Approximate Number	
	Employed	Unemployed	Employed	Unemployed
Average 1929 ..	89.9	10.1	148,340	16,660
" 1930 ..	86.4	13.6	144,630	22,850
" 1931 ..	77.2	22.8	131,270	38,730
" 1932 ..	77.8	22.2	134,130	38,320
" 1933 ..	79.8	20.2	139,720	35,310
" 1934 ..	84.9	15.1	150,870	26,800
" 1935 ..	89.0	11.0	160,510	19,820
" 1936 ..	92.3	7.7	168,930	14,100
3 months ended -				
January, 1936	91.5	8.5	166,390	15,400
February, "	90.9	9.1	165,490	16,520
June, "	91.8	8.2	167,900	15,010
July, "	92.6	7.4	169,670	13,470
August, "	94.3	5.7	172,920	10,450
September, "	94.7	5.3	173,950	9,650
October, "	93.6	6.4	172,080	11,740
November, "	92.0	8.0	169,390	14,660
December, "	91.9	8.1	169,300	14,980
January, 1937	92.7	7.3	170,960	13,550
February, "	91.8	8.2	169,530	15,210
March, "	91.4	8.6	169,090	15,880
April, "	(a)93.6	6.4	173,380	11,820

(a) Relief Work: The full-time equivalent was approximately 6,700 men. Without this work the percentage unemployed would have been 10.0. Growing Population: The total of the last two columns increases with the estimated growth in the number of men dependent on employment.

/BUILDING PERMITS.

BUILDING PERMITS.

A further index of the relative activity in industry is furnished by Building Permits issued, and the estimated amount to be spent on the proposed buildings and repairs.

The following tables give details of the value of Building Permits issued in the Six Capital Cities and Suburbs of the Commonwealth for the periods shown.

Year	Buildings for Habitation	Buildings for Other Purposes	Alterations and Additions	Total Value All Building Operations
	£	£	£	£
1928-29 (a) ..	17,455,449	4,902,928	(b) 1,932,887	24,291,264
1929-30 (a) ..	11,057,069	3,098,700	(b) 1,741,291	15,897,060
1930-31 (a) ..	1,989,167	1,547,005	(b) 799,245	4,335,417
1931-32 ..	1,533,325	1,848,257	1,225,680	4,607,262
1932-33 ..	3,185,679	1,503,877	2,161,846	6,851,402
1933-34 ..	6,105,369	2,194,162	2,885,378	11,184,909
1934-35 ..	9,606,533	3,829,676	4,173,041	17,610,590
1935-36 ..	12,342,910	5,144,668	4,484,819	21,972,397
Quarter ended -				
1935 - June ..	2,936,510	1,271,694	1,180,786	5,388,990
September ..	3,428,704	1,275,712	1,088,729	5,793,145
December ..	2,779,521	941,246	1,159,741	4,880,508
1936 - March ..	2,946,420	1,378,537	1,009,013	5,333,970
June ..	3,188,265	1,549,173	1,227,336	5,964,774
September ..	3,773,596	1,339,967	1,260,617	6,374,180
December ..	3,514,416	1,357,804	1,212,546	6,084,766
1937 - March ..	2,803,638	1,034,605	1,076,238	4,914,681

(a) Exclusive of City of Sydney. (b) Exclusive of Sydney and suburbs.

BUILDING PERMITS IN CAPITAL CITIES AND SUBURBS OF EACH STATE.

Period	Sydney and Suburbs	Melbourne and Suburbs	Brisbane and Suburbs	Adelaide and Suburbs	Perth and Suburbs	Hobart and Suburbs	TOTAL
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
1928-29 ..	(a) 9,715	7,661	2,440	1,807	2,518	150	24,291
1929-30 ..	(a) 5,810	5,576	1,414	1,158	1,833	106	15,897
1930-31 ..	(a) 1,005	1,434	1,098	314	393	91	4,335
1931-32 ..	995	1,861	876	217	596	62	4,607
1932-33 ..	2,257	2,568	793	400	732	101	6,851
1933-34 ..	4,142	4,218	1,051	617	986	169	11,185
1934-35 ..	7,632	5,604	1,654	1,164	1,354	203	17,611
1935-36 ..	9,385	7,162	2,237	1,239	1,621	328	21,972
Quarter ended -							
1935 - June ..	2,338	1,766	521	306	337	71	5,389
September ..	2,528	1,788	574	304	505	94	5,793
December ..	1,964	1,646	533	359	335	43	4,880
1936 - March ..	2,456	1,784	411	252	378	53	5,334
June ..	2,437	1,944	719	324	403	138	5,965
September ..	2,840	2,021	452	313	600	148	6,374
December ..	2,567	1,891	607	341	560	89	6,085
1937 - March ..	1,950	1,665	387	367	402	144	4,915

(a) Exclusive of City of Sydney and value of alterations and additions in Sydney and suburbs.

UNEMPLOYMENT - QUARTER ENDED JUNE, 1937.

The figures relating to unemployment among members of Trade Unions are similar to those published quarterly in the past, and are derived from returns furnished by Trade Unions.

/The number

The number of trade unionists represented in the returns, from which the following figures have been derived, is normally about half the total. Generally, it may be said that the returns of unemployment include little information about rural employment, so that the percentage results given herein do not vary greatly with the season, though the food preserving industries have some effect in this connection. The total unemployment in the country, however, may be affected a good deal by the crop seasons.

The percentages of unemployment among members of reporting Trade Unions for Australia as a whole for each quarter from the June Quarter of 1932, when unemployment was at its maximum, to the June Quarter of 1937, are as follows:-

AUSTRALIA.

1932 - June Quarter	30.0 per cent.
1933 - March Quarter	26.5 " "
June "	25.7 " "
September "	25.1 " "
December "	23.0 " "
1934 - March Quarter	21.9 " "
June "	20.9 " "
September "	20.4 " "
December "	18.8 " "
1935 - March Quarter	18.6 " "
June "	17.8 " "
September "	15.9 " "
December "	13.7 " "
1936 - March Quarter	13.4 " "
June "	12.8 " "
September "	12.0 " "
December "	10.7 " "
1937 - March Quarter	9.9 " "
June "	9.7 " "

It should be noted that the figures refer to the mid-month of each quarter, and represent the conditions at the middle of that month. Consequently, the latest figures referred to herein relate to the middle of May, 1937.

The percentages given above show a continuous decline from the peak point (30.0%) in unemployment attained in the June Quarter of 1932, after an almost continuous rise since the March Quarter 1929, when the rate was 9.3 per cent. After remaining fairly constant at 28.0 per cent. to 28.3 per cent. for three quarters - from August, 1931 to February, 1932 - the maximum point was reached in May, 1932, when the proportion of unemployment in the reporting Trade Unions was 30 per cent. of the membership.

From the peak the proportion of unemployed decreased by 4 per thousand in the September quarter of 1932, and in the two following quarters the improvement was much more marked, amounting to 15 per thousand in the December quarter of 1932, and 16 per thousand in the March quarter of 1933. The improvement continued until unemployment stood at 9.7 per cent. for the June quarter 1937. This is the lowest percentage of unemployment since February, 1929, when it was 9.3 per cent. Since the maximum point in May, 1932, the rate of unemployment has diminished by 203 per 1,000 members, i.e. from 30.0 per cent. in May, 1932 to 9.7 per cent. in May, 1937.

This improvement since May, 1932, has been experienced in all the States in the following order (per 1,000 members):- South Australia, 269; Western Australia, 247; New South Wales, 218; Victoria, 181; Tasmania, 170; Queensland, 123.

The usual tables for Trade Union Unemployment are appended.

/AUSTRALIA

Australia - Number and Membership of Trade Unions reporting, and
Number and Percentage of Unemployed - March Quarter, 1929 to June Quarter,
1937.

Australia	March Quarter 1929	June Quarter 1932	June Quarter 1933	June Quarter 1934	June Quarter 1936	December Quarter 1936	March Quarter 1937	June Quarter 1937
Number of Unions	375	396	394	394	394	390	388	387
Membership ..	420,756	413,742	415,559	422,113	446,564	437,246	443,446	447,714
Unemployed -								
Number ..	39,159	124,068	106,652	88,413	57,001	46,863	44,004	43,584
Percentage ..	9.3	30.0	25.7	20.9	12.8	10.7	9.9	9.7

States - Percentage of Members of Reporting Trade Unions reported as Unemployed
in each State - March Quarter, 1929 to June Quarter, 1937.

State	March Quarter 1929	June Quarter 1932	June Quarter 1933	June Quarter 1934	June Quarter 1936	December Quarter 1936	March Quarter 1937	June Quarter 1937
	%	%	%	%	%	%	%	%
New South Wales..	9.7	33.2	29.6	25.0	16.2	13.3	11.8	11.4
Victoria ..	8.6	27.7	23.0	18.0	10.6	9.7	9.5	9.6
Queensland ..	7.1	19.9	15.6	12.7	8.5	7.2	7.7	7.6
South Australia..	13.2	35.2	30.0	25.4	11.0	9.9	9.5	8.3
Western Australia	8.5	30.3	26.0	18.3	9.2	5.6	5.4	5.6
Tasmania ..	8.7	27.4	19.0	17.9	12.7	12.9	7.9	10.4
TOTAL:	9.3	30.0	25.7	20.9	12.8	10.7	9.9	9.7

The above returns are compiled and published substantially on the basis that has been adopted in regard to Trade Union returns since 1911. It is to be noted, however, that the returns relate to members of trade unions embracing only about 20 per cent. of wage-earners, and that for some States these constitute a more representative sample of employment than for others. The percentages include persons unemployed from all causes, other than those unemployed directly as a result of industrial disputes. They may be interpreted as relating to the members of unions making returns who are not, according to the records or knowledge of the union secretary, employed within union callings.

The percentages do not exactly represent the proportion of total unemployment in Australia as a whole, though Census data and other records indicate that they give a reasonable picture of the development of the unemployment crisis in Australia and the recovery therefrom.

In view of the very definite nature of the information on which are based the indexes of employment and unemployment for New South Wales, and those relating to men for Queensland, these indexes should be the most accurate record available of unemployment in those States.

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ROLAND WILSON
Commonwealth Statistician.
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