## SECTION VIII.—CURRENT RATES OF WAGE AND HOURS OF LABOUR.

1. General.—The collection of material respecting the current rate of wage payable in different callings and in occupations in various industries carried on in each State of the Commonwealth was first undertaken by this Bureau in the early part of the year 1913. 'The inquiry, which was confined to the rate of wage payable to adult workers only,\* was further limited in a degree to those industries in operation within the metropolitan area of the capital town in each State. + The particulars acquired were obtained primarily from awards, determinations, and industrial agreements under Commonwealth and State Acts, and related to the minimum wage prescribed. In cases where no award, determination or agreement was in force, the ruling union or predominant rate of wage being paid was ascertained from employers and secretaries of trade unions. For convenience of comparison, weekly rates of wage were adopted, though in many instances they were actually based on daily or hourly rates, as specified in awards, determinations, or agreements.1.

The information thus obtained referred to the weekly rate of wage in upwards of 400 industries, and related to 1569 male occupations or callings. These particulars furnished the necessary data for the computation of average rates of wage in various industrial groups,§ and in each State and all States. The average rate of wage thus computed represented the arithmetic average || of the rate of wage payable in all classified occupations. It was not claimed that results obtained by this method are precisely correct, but owing to the difficulty in obtaining any satisfactory data as to the number of persons engaged in each of the occupations for which rates of wage had been obtained, no *detailed* system of weights could be applied.¶ For final results for each State and for each industrial group throughout the States, however, a careful system of weighting was adopted. For example, in computing the

• This limitation was necessary owing to the difficulty of ascertaining reliable particulars of the numbers of apprentices, improvers and other juvenile workers, to whom progressive rates of wage, fixed or otherwise, according to increasing age or experience, are payable from year to year.

† In order to make the inquiry a comprehensive one, it was necessary to include certain industries which obviously are not carried on in the capital towns, e.g., Mining, Shipping, Agricultural, and Pastoral.

<sup>‡</sup> This precaution was necessary, in view of the fact that it is often in those industries and occupations in which employment is of an exceptionally casual or intermittent nature that wages are fixed and paid at a daily or hourly rate. Hence the average weekly earnings in such occupations will probably fail considerably short of the computed weekly rates.

§ The following industrial classification of industries was adopted :---

	Classification of Indus	tries and	d Occupations.
I.	Wood, Furniture, Sawmill, Timber- works, &c. Engineering, Metal Works, &c.	үпт. 1X.	Mining, &c. Railway and Tramway Strvices.
11. 111.	Food, Drink, and Tobacco, dc., Manu-	14.	Ranway and Trainway Services.
III. IV.	facture and Distribution.	<b>x</b> .	Other Land Transport.
	Clothing, Hats, Boots, Textiles,	X1.	Shipping, Wharf Labour, &c.
V. '	Books, Printing, Bookbinding, &c.	XII.	Pastoral, Agricultural, Bural, Horti-
VI,	Other Manufacturing.		cultural, dc.
VII.	Building.	XIII. XIV.	Domestic, Hotels, etc. Miscellaneous.

## Classification of Industries and Occupations.

I The summation of the weekly rate of wage divided by the number of occupations included. I Though a great deal of information as to the number of persons engaged in different industries and occupations was available from the Census (1911) results, it was found impracticable to bring the classification of these results into line with the detailed classification of occupations in the various industries, as set out in the awards, determinations, etc. result for any State in any year, the computed average wage in each industrial group was multiplied by a number (weight) representing the relative number of all male workers engaged in that group of industries in the particular State. The sum of the products thus obtained, divided by the sum of the weights, represents the relative aggregate average wage for that State for the particular year.\*

The whole question of weighting was referred to in some detail in Report No. 1 (Prices, Price Indexes and Cost of Living) of the Labour and Industrial Branch of this Bureau. With the necessary verbal modifications, many of the statements there made and the problems there considered in regard to the subject of prices, etc., refer equally to the question of weighting in other investigations, such as the present. Any inquirer wishing to thoroughly understand the subject may refer to that Report.

The results thus ascertained for the year 1913 were published in Labour Report No. 2, pp. 28-43. In the early part of the year 1914 the scope of the inquiry was considerably extended, and particulars of the weekly rates of wage in 930 specified industries and 4256 adult occupations (3948 male, and 308 female)<sup>†</sup> were included, and results obtained thereby to the 30th April, 1914, were published in Labour Report No. 5, pp. 44-50. These results were further analysed, and the number of working hours which constituted a full week's work in each occupation was averaged and weighted in a similar manner to the rates of wage. This course was adopted in order to overcome the difficulty of making comparisons of the rates of wage in any specified occupation, owing, in many instances, to a different number of working hours constituting a full week's work in separate States. By dividing the weighted average number of working hours into the weighted average weekly rate of wage, what for some purposes may be considered a more adoquate

Curren	t Raf	es of	Wag					ceups roup.		. W	eight	:9 USE	d for	<u> </u>
Particulars.	τ.	п.	ш.	IV.	v.	<u>vi,</u>	vit.	VIII.	1X.	х.	XI.	XII.	XIII.	XIV.
N.S.W. Victoria Queensland S. Australia W. Australia Tasmanja	136 118 07 24 65 25	228 195 62 71 86 14	199 160 108 45 82 17	84 95 23 16 7 6	65 58 20 13 8 5	+ 162 141 34 40 16 7	252 190 70 68 92 20	343 157 133 29 142 49	187 136 73 48 40 10	75 54 22 17 9 6	137 65 45 44 32 12	704 455 352 182 118 104	134 95 45 24 81 10	902 734 302 223 158 80
C'wealth	435	606	561	231	169	400	632	853	494	182	335	1,915	339	2,399

The weights used in the computation of the average wage in male occupations were as follow :----

† The weights used in the computation of the average wage in female occupations were as follow :--Current Rates of Wage for Adult Female Occupations. Weights used for each Industrial Group.

+ -/			104000110			
Particular	III. Food, Drink, etc.	IV. Clothing, Boots, etc.	I. II. V. VI. Other Manufactures Combined.	XIII. Domestic, Hotels, etc.	XIV. Miscellaneous Shop Assistante Clerks, etc.	
New South Wales Victoria Queensland South Australia Western Australia Tasmania	·· ·	23 - 28 - 5 - 3 - 1 - 1	228 320 80 56 29 18	44 57 8 7	104 80 47 22 29 8	124 111 40 32
Commonwealth		. •01	731 э	118	290	307

standard of comparison was ascertained. Results obtained from these computations were given for each industrial group for each State.

Since the 30th April, 1914, the number of occupations included in comparative computations has been kept constant, but the particulars of wages contained in Appendixes IV. and V. to this Report include those for many additional occupations. In most instances these have been taken from awards or determinations made subsequent to that date by industrial tribunals or from agreements registered under Commonwealth or State Acts, or as a result of direct inquiry.

2. Weekly Rates of Wage and Wage Index-Numbers in States and in Classified Industries, 31st December, 1920.—The particulars given in the Appendixes, referred to above, furnish the necessary data for the computation of relative rates of wage in the different States and classified industrial groups at the 31st December, 1920.

(i.) Weighted Average Nominal Weekly Rate of Wage Payable to Adult Male Workers in each State, 31st December, 1920.-The following table ahews the weighted average nominal weekly rate of wage payable at the 31st December, 1920, to adult male workers for a full week's work in each State and the Commonwealth. These results are based on the rates of wage in a large number of important industries, and serve to indicate with a considerable degree of precision the relative conditions in the several States. For the purposes of comparison as between States it should, however, be observed that the lists of occupations to which the rates of wage refer are not by any means uniform, neither do they necessarily include all industries carried on in each State. An examination of the Appendixes, however, will shew that the rates of wage for all occupations and callings which are common to all States are included. Any conclusions drawn from the tables must be subject to these qualifica-Taking the weighted average rate of wage for the six States as tions. base (= 1000), index-numbers for each State are also shewn.

Particulars.	N.S.W.	Vic.	Q'land.	S.A	W.A.	Tas.	C'wlth.
Number of Os- cupations in- oluded Weighted Aver- age Weekly Rate of Wage	874 s. d. 94 0	909 s. d. 86 1	627 s. d. 91 6	567 s. d. 82 <sup>-</sup> 8	<b>489</b> s. d. 89 9	482 s. d. 85 9	<b>3,948</b> s. d. 89 10*
Index-Numbers	1,047	958	1,018	<b>92</b> 0	999	955	1,000*

Weighted Average	Nominal	Weekly	Rate	of 1	Wage	payable to	Adu	it Ma	ie Wor	kers
for a Full	Week's	Work,	and V	Wage	s Inde	ex-Numbers	in	each	State	and
Commonwe	ealth, 31s	t Decem	ber. 1	920.						

· Weighted average.

The results shew that the weighted average nominal weekly rate of wage was highest in New South Wales, followed in the order named by Queensland, Western Australia, Victoria, Tasmania, and South Australia.

(ii.) The following table gives particulars in regard to the weighted average nominal weekly rate of wage at the 31st December, 1920, for adult male workers in each of the several industrial groups and to the weighted average for all groups combined. In computing the indexnumber for each industrial group, the weighted average rate of wage for all groups is taken as base (= 1000).

Industrial Groups.	No. of Rates Included.	Weighted Aver. Weekly Bate of, Wage (for Full Week's Work).	Index-Numbers
	÷ ·, ·	. d.	
I. Wood, Furniture, etc II. Engineering, Metal Works;	270	95 1	1,058
etc	636 .	.92 5	1;029
III. Food, Drink, etc.	576	89 3	994
IV. Clothing, Boote, etc	124	86 5	963
V. Books, Printing, etc	205	99 6	1.108
VI. Other Manufacturing	875	1. 88. 11	990
VII. Building	190	95 7	1.064
VIII. Mining	161	103 10	1.156
IX. Rail & Tram Services	224	93 1	1,037
X. Other Land Transport	70	87 3	971
XI. Shipping, etc	198	88 0*	980
XII. Pastoral, Agricultural, etc.	72	87 1†	969
XIII. Domestic, Hotels, etc.	114	80 6t	896
XIV. Miscellaneous	233	84 11	945
All Groups	3,948	89 10	1,000ş

Weighted Average Nominal Weekly Rate of Wage payable to Adult Male Workers for a full Week's Work, and Wage Index-Numbers in each Industrial Group, 31st December, 1920.

\* Including the value of victualling and accommodation where supplied. † Including the value of Board and Lodging where supplied. ‡ Including the value of Board and Lodging where supplied. as follows:—In Sydney, 11s. to 23s. (according to class of establishment); in Melbourne, 20s.; in Brisbane, 17s.; in Adelaide, 16s. (Restaurants), and 15s. (Hotels and Clubs); 'In Perth, 22s.; and in Hobart, 15s. per week. § Weighted average.

It may be seen from the above table that the highest weighted average nominal weekly wage at the end of the year 1920 was paid to employees in the Mining industry (Group VIII.), 103s. 10d. per week, followed by Group V. (Books, Printing, etc.), 99s. 6d., and Group VII. (Building), 95s. 7d. The lowest weighted average nominal weekly wage was that paid to persons engaged in Hotels, Restaurants, etc. (Group XIII.), 80s. 6d. The average wage paid in the Mining industry (Group VIII.) was 16 per cent. higher, while the average in Group XIII. (Domestic, Hotels, etc.) was 10 per cent. lower than the average wage for all groups.

(iii.) The following table shows the weighted average nominal weekly rate of wage payable at 31st December, 1920, to adult female workers for a full week's work in each State and the Commonwealth. Taking the weighted average rate of wage for the whole Commonwealth as base (= 1000), index-numbers for each State are given :—

Weighted Average Nominal Weekly Rate of Wage payable to Adult Female Workers for a Full Week's Work, and Wage Index-Numbers in each State and Commonwealth, 31st December, 1920.

Particulars.	N.S	.w.	v	ic.	Q'ie	md.	s.	.А.	w.	А.	т	`as.	C'•	ith.
Number of Occu- pations included		85		87		37		47		24		28	3	08
Weighted Aver- age Weekly Rate of Wage	e. 46	а. 0	в. 43	d. 1	в. 44	d. 11	в. 40	d. 7	\$. 52	d. 11	в. 41	d. 10	<b>9</b> . 44	d 6•
Index-Numbers	1,	035		969		,009		913	1,	189 -		940	<b>,1</b> ,	*000

Weighted average,

The highest weighted average nominal weekly rate of wage for female workers was paid in Western Australia, followed in the order named by New South Wales, Queensland, Victoria, Tasmania, and South Australia.

(iv.) The following table gives particulars regarding the weighted average nominal weekly rate of wage of adult females in those industrial groups in which they are mainly omployed, and the weighted average for all groups combined. Index-numbers based on the weighted average for all groups (= 1000) are also given :---

Weighted Average Nominal Weekly	y Rate o	of Wage payable to Adult Female Workers
for a Full Week's Work, an	l Wage	Index-Numbers in Industrial Groups, 31st
December, 1920.	٠	

Industrial Groups.	No. of Rates Included.	Weighted Aver. Weekly Bate of Wage (for Full Week's Work).	Index-Numbers.
III. Food, Drink, etc	35	s. d. 41 10	940
IV. Clothing, Boots, etc	114	43 5	976
facturing Combined	84	44 0	989
XIII. Domestic, Hotels, etc.	57	46 3*	1,039
XIV. Shop Assistants, Clerks, etc	18	46 2	1,038
All Groups	308	44 6	1,000†

See footnote 1 to table on preceding page. 

† Weighted average.

The results set out in the above table shew that the highest weighted average wage was paid in Group XIII. (Domestic, Hotels, etc.), 46s. 3d., followed in order by Group XIV. (Shop Assistants, Clerks, etc.), 46s. 2d., and the combined Manufacturing group, 44s. The average wage paid to employees in Group III. (Food, Drink, etc.), 41s. 10d., is 6 per cent. lower, while that paid in Group XIVI. (Domestic, Hotels, etc.) is 4 per cent. higher than the average rate of wage for all groups.

3. Relative Weekly Wages and Wage Index-Numbers in each State and for all States, 1914-20.—The arithmetic average of the rates of wage given in the appendixes referred to furnishes the basis for the computation of relative weighted wages in different industrial groups and States. In the following tables particulars are given of the results thus obtained of the weighted average nominal weekly rates of wage payable to adult workers, male and female, separately, at the 30th April, 1914, and at the end of the pericds specified to the 31st December, 1920, for a full week's work, in each State and for all States.

(i) Weighted Average Nominal Weekly Rate of Wagè Payable to Adult Male Workers in each State, 1914-20.— The following table shews the weighted average nominal weekly rate of wage payable to adult male workers for a full week's work, together with index-numbers for each State at each specified interval with the average for all States at the 30th April, 1914, as base (=1000):—

## Weighted Average Nominal Weekly Rate of Wage payable to Adult Male Workers for a Full Week's Work, and Wage Index-numbers in each State and Commonwealth, 30th April, 1914, to 31st December, 1920.\*

NOTE.—Index-number based on the average wage for the Commonwealth at the 30th April, 1914 (55s.ld.) as base (=1000). The index-numbers in this table are comparable throughout.

Particulars.	N.S.W.	Víc.	Q'Iand.	S.A.	<b>W.A.</b>	_Tas.	Cwith.
No. of Occupations Included.	874	909	627	567	489	482	3,948
oth April, { Weighted average weekly rate of wage	s. d. 55 9	s. d. 54 3	s. d. 52 8	s. d. 54 4	s. d. 62 2	s. d. 52 6	a. d. 55 1
Index-numbers	1,011	¥84_	955	986	1,128	952	1,000
Oth June, { Weighted average weekly rate of wage	s. d. 55 11	54 4	s, d. 52 10	s. d. 54 4	62 9	s. d. 52 7	s. d. 55 8
Ivia Index-numbers	1,014 8. d.	985 s. d.	958	986 s. d.	1,139 4. d.	954	1,008
UGD 36 PG., Waakly rate of wage	56 2	54 7	53 4	54 5	62 10	s. d. 52 8	55 6
1914. Index-numbers Weighted average	1,019 s. d.	990 s. d.	967 s. d.	986 . d.	1,140 s. d.	956 s. d.	1,008 1. d.
185 Dec., { weekly rate of wage	56 2	54 7	53 5	54 5	62 10	52 8	55 7
Waighted average	1,019 s. d.	990 s. d.	969 4. d.	988 s. d.	1,140 4. ~d.	956 1. d.	1,008 J. d.
tone, { weekly rate of wage	56 8	54 8	63 · 4	54 8	68 1	52 9	56 7
(Weighted average	1,028 1. d.	992 s. d.	967 s. d.	984 s. d.	1,145 s. d.	957 s. d.	1,012 s. d.
ton Bept., { weekly rate of wage	56 10	54 11 996	53 8 974	54 3 985	63 1	52 9 958	56 0
Weighted average	1,031 s. d.	s. d.	s. d.	a. d	1,145 s, d,	s. d.	1,015 s. d.
ist Dec., { weekly rate of wage 1915. ] Index-numbers	57 7 1,044	55 8 1,002	54 4 986	54 8 992	63 4 1,149	53 S 965	56 6 1,023
Weighted average	s. d.	s. d.	s. d.	s. d.	8. d.	4. d.	[≉. d
1916. Weekly rate of wage 1916. Index-numbers	58 11 1,069	57 0 1,035	56 5 1,024	56 1 1,018	63 4 1,149	54 4 986	57 11 1 <b>.051</b>
Weighted average	s. d.	1. d.	s. d.	a. d.	1. d.	#. d.	4. d.
1916.   weekly rate of wage 1916.   Index-numbers	59 6 1,079	67 9 1,047	57 11 1,051	$\begin{array}{ccc} 56 & 6 \\ 1,025 \end{array}$	63 8 1,155	54 9 993	58 8 1,0 <b>64</b>
Weighted average	s. d.	4. d.	s. d.	8. G.	4. d.	8. d.	8. d.
1916. I Index-numbers	61 11 1,123	58 10 1,067	60 4 1.095	59 0 1,071	65 2 1,182	57 0 1,034	60 8 1,100
Weighted average	s. d.	s. d.	s. d.	s. d. 61 0	s. d.	8. d.	s. d.
1917. Index-numbers	63 5 1.151	61 2 1,109	62 4 1,131	1,107	66 4 1,203	57 7 1,044	62 5 1,132
Oth Sept., Weighted average weekly rate of wage	s. d. 63 9	s. d. 62 3	1. d. 63 5	s, đ. 61 6	s. d. 67 10 j	s. d. 58 6	s. d. 63 3
1917. Index-numbers	1,157	1,130	1,151	1,116	1,231	1,061	1,147
ist Dec., { Weighted average   weekly rate of wage ]	8 d. 64 5	≴, d. 63 0	s. d. 65 3	s d. 63 1	68 11	4. d. 59 7	s, d. 84 2
1917. Index-numbers	1,168	1,143	1,183	1,144	1,250	1,081	1,184
Oth June, { Weighted average weekly rate of wage	s. d. 64 9	8, d. 63 4	s. d. 85 7	<i>в. d.</i> 63 З	s. d. 69 5	s, d. 60 2	\$. d. 64 6
Index-numbers	1,175	1,149	1,190	1,147	,259	1,092	1,171
Oth Sept., { Weighted average weekly rate of wage	8. d. 65 0	s. d. 63 9	s. d. 67 0	s. d. 63 7	s. d. 60 6	s. d. 60 4	s. d. 65 0
Index-numbers	1,179 s. d.	1,156 s. d.	1,216 8; d.	1,154 s. d.	1,261	1,094	1,179 8. d.
1st Dec , { Weighted average weekly rate of wage	s. d. 05 11	65 6	69 6	65 6	8, d.  70 4	s. d. 61 2	66 5
1918. Index-numbers	1,196 s. d.	1,189 . d.	1,261 s. d.	1,188 rd.	1,276 ¢. d.	1,110 s. d.	1,205 1, d
1st Mar., { Weighted average 1919. { Weekly rate of wage	68 0	66 7	70 0	65 10	70 7	61 10	67 6
Index-numbers	1,234 s. d.	1,209 d.	1,270 . d.	1,194	1,281 s. d.	1,122 s d.	1,228 4. d
1010, Weekly rate of wage	68 9	67 6	71 6	66 9	71 2	62 9	68 7
Index-numbers	1,248	1,224 1. d.	1,298 s. d.	1,211	1,291 1. d.	1,139 s. d.	1,244 s. d
1010 { Weekly rate of wage	69 9	68 5	72 6	68 3	73 11	63 11	69 0
- indevinumment	1,266 s. d.	1,241 s. d.	1,315 1 d,	1,237 ¢. d.	1,341 s. d.	1,160 s. d.	1.265 8. d
1010 " { Weekly rate of wage	76 9	72 0	78 7	70 5	77 8	69 0	74 1
Weighted average	1,393 s. d.	1,306 s. d.	1,426 4. d.	1,277 s. d.	1,409 s. d.	1,251 s. d.	1,359 s. d
1900 weekly rate of wage	81 2	74 3	81 6	72 0	78 10	7: 4	78 (
oth June. Weighted average	1,472 s. d.	1,848 • d.	1,479 s. d	1,306 1, d.	1,431 4. d.	1,331 s. d.	1,415 s. d
1920. weekly rate of wage Index-numbers	82 9 1,502	77 5 1,404	86 10 1,575	73 4 1,331	81 0 1,470	74 2	80 1,462
oth Sant (Weighted average	s. d.	a, d.	8, d.	1 a. d.	s. d.	J. d.	8. đ
1920. [ Index-numbers	87 0 1,578	83 1 1,507	89 5 1,622	78 9 1,429	85 9 1,556	79 3	85 1 1,544
let Dec (Weighted average	s. d.	s, d,	s. d.	s. d.	8. d.	18. d.	s. d.
1920. weekly rate of wage	94 0	86 1	91 6	82 8	80 0 1,828	85 9	89 10

· Particulars for the quarters omitted from this table will be found in Labour Report No. 10, p. 79.

In the preceding table it will be seen that the average weekly wage for adult male workers, as indicated by index-numbers at the 30th April, 1914, in two States, viz., New South Wales and Western Australia, exceeded the weighted average wage for the Commonwealth. This feature remained constant in varying degrees of excess throughout the period under review until the end of September, 1917, when the indexnumber representing the average wage for Queensland was also higher than the weighted average wage index-number for the Commonwealth.

At the end of the year 1918, the index-number for New South Wales was lower than that for the Commonwealth, while those for Queensland and Western Australia were higher. During 1919, the average rates of wage in New South Wales and Queensland increased more rapidly than in the other States, and at the end of the year the index-numbers for these States and also for Western Australia were higher than the Commonwealth figure?" The average rate of wage increased considerably in all States during the year 1920. The weighted average rate for the Commonwealth at the end of 1920 was 89s. 10d., as compared with 74s. 11d. at the end of 1919. The States in which the greatest increases occurred were New South Wales, Tasmania, Victoria and Queensland.

The rates for New South Wales and Queensland were higher at the end of 1920 than the average weekly rate for the Commonwealth, while those for Victoria, South Australia, Western Australia and Tasmania were lower.

(ii.) Weighted Average Weekly Rate of Wage payable to Adult Female Workers in each State, 1914-20....The following table shews the weighted average weekly rate of wage payable to adult female workers for a full week's work in each State and the Commonwealth at the 30th April, 1914, and at the intervals specified to the 31st December, 1920. The table shews also index-numbers for each State based on the average weekly wage at the end of each of the periods indicated, computed with the weighted average wage for all States at the 30th April, 1914, as base (= 1000).

From the following table it will be seen that the general upward movement in the average weekly wage for adult female workers, as indicated for the whole Commonwealth, was comparatively small during 1914 and 1915. From the beginning of the year 1916, the average wage has increased rapidly, the increase during the year 1920 being the largest which has been recorded. The advance during the whole period under review has been 63.7 per cent.; this increase has practically taken place since the beginning of 1916.

## Weighted Average Nominal Weekly Rate of Wage payable to Adult Female Workers for a Full Week's Work, and Wage Index-numbers in each State and Commonwealth, 30th April, 1914, to 31st December, 1920.\*

Note.—Index-number based on the average wage for the Commonwealth at the 30th April, 1914 (27s. 2d.) as base (= 1000). The index-numbers in this table are comparable throughout.

Particulars.	N.S.W.	Vic.	Q'land.	S.A.	W.A.	Tas.	C'with.
No. of Occupations Included.	85	87	37	47	24	28	308
30th April, { Weighted -average 1914. { Weighted -average weekly rate of wage Index-numbers	s. d. 26 9 984	1. d. 27 4 1,008	s. d. 26 11 989	s. d. 24 1 885	4. d. 37 4 1,373	*. d. 25 10 950	s. d. 27 2 1,000
30th June, 1914. Weighted average Index-numbers Weighted average	s. d. 26 9 984 s. d.	s. d. 27 4 1,006 s. d.	e. d. 27 0 993 e. d.	8. d. 24 1 885 8. d.	s. d. 37 4 - 1,373 s. d.	s. d. 25 10 950	a. d. 27 2 1,000 a. d.
1914. Weekly rate of wage 1914. Index-numbers	26 10 987 s. d.	27 9 1,022 1, d.	26 11 990 8, 4.	24 1 885 8. d.	37 4 1,373 1, d.	25 10 950 5. d.	27 4 1,000
1914.   weekly rate of wage 1914.   Index-numbers	26 10 987 5. d.	27 9 1,022	27 1 996 3. d.	24 1 885 s. d.	37 4 1,873 4, d,	25 10 950 3. d.	27 5 1,008
1915. Weighted average	27 2 998 8. d.	26 11 989 s. d.	27 2 999 s. d.	24 0 883 s. d.	37 5 1,376 1. d.	26 3 (u. 964 (s. d.	27 2 1,000 4. d.
1915. Index-numbers	27 3 1,003	26 11 990 6. d. 26 11	26 11 990 s. d.	24 0 883 5. d.	37 5 1,376 <i>s. d</i> .	28 0 1,031 s. d.	27 3 1,002
1915. Index-numbers	27 5 1,007 s. d. 27 7	26 11 990 8. d. 27 11	26 11 990 8. d. 26 11	24 6 901 • d. 24 6	37 5 1,376 s. d. 37 5	28 0 1,031 4. đ. 27 9	27 4 1,005 1. d. 27 9
1916. Index-numbers 30th Sept., Weighted average	1,013 9. d. 27 11	1,027 s. d. <sup>-</sup> 28 2	20 11 991 4. d. 27 2	902 s. d. 24 10	1,876 8. d. 87 5	1,019 5. d. 27 9	1,021 . d. 28 1
31st Dec., Weighted average	1,027 s. d. 28 7	1,037 8, d. 28 6	998 s. d. 27 4	913 s. d. 24 11	1,376 s. d. 38 10	1,019 4. d. 28 4	1,032 1, d. 28 6
30th June, { Weighted average 1917, { weekly rate of wage	1,050 s. d. 29 3	1,047 s, d. 28 10	1,004 4. d. 27 9	916 z. d. 27 3	1,429 5. d. 38 10	1,041 8. d, 28. 4	1,047 5. d. 29 1
30th Sept., Weighted average weekly rate of wage	1,078 <i>d</i> . -30 2	1,061 s. d. 29 7	1,021 s. d. 30 0	1,004 #. d. 27 8	1,430 , d. 38 10	1,042 . d. 28 4	<b>1,071</b> <b>4</b> . d. <b>3</b> 0 0
1917. Index-numbers Sist Dec., Weighted average weekly rate of wage Index-numbers	1,109 s. d. 30 5 1,119	1,090 s. d. 30 4 1,116	1,105 s. d. 30 5 1,120	1,019 s. d. 27 9 1,020	1,430 a. d. 88 10 1,430	1,042 8. d. 28 5 1,045	1,105 1, d. 30 5 1,121
30th June, Weighted average 1918. Weighted average Index-numbers	$\begin{array}{cccc} s. & d. \\ 31 & 3 \\ 1.149 \end{array}$	s. d. 30 6 1,121	s. d. 30 8 1,128	s. d. 28 6 1.050	s. d. 38 10 1.430	8. d. 28 5 1,047	s. d. 30 11 1,137
30th Sept , 1918. Weighted average weekly rate of wage Index-numbers	*. d. 31 5 1,156	8. d. 30 9 1,131	s. d. 32 3 1,180	8. d. 28 8 1,054	e. d. 38 10 1,430	*. d. 28 5 1,047	<i>t. d.</i> 31 3 1,149
31st Dec., {Weighted average 1918. Index-numbers 31st Mar. {Weighted average	s. d. 31 10 1,173 s. d.	s. d. 31 3 1,151 s. d.	s, d. 32, 10 1,208 s. d.	s. d. 29 5 1,084 s. d.	s. d. 38 10 1,430 s. d.	s. d. 28 9 1,059 s. d.	1. d. 31 9 1,168
1919, weekly rate of wage Index-numbers	33 - 6 1,234 1, 234	32 2 1,183	33 0 1,215	29 5 1,084	38 10 1,430 s. d.	28 9 1,059 1. d.	32 8 1,204
1919. Weighted average	33 · 7 1,2 <b>3</b> 5 8. d.	32 2 1,184 s. d.	33 2 1,222 s. d.	29 7 1,089 s. d.	38 11 1,434 s. d.	28 9 1,059 4. d.	32 9 1,208 1. d.
1919. [ Weekly rate of wage Index-numbers Stat. Dec [ Weighted average	34 0 1,251 8. d.	32 3 1,186	83 10 1,247 s. d.	29 7 1,089 4. d.	38 11 1,484 8. d.	28 9 1,059 s. d.	33 0 1,216 1, d.
1919.   Weekly rate of wage Index-numbers Weighted average	40 0 1,474 s. d.	34 5 1,268 s. d.	38 4 1,412 1. d.	33 3 1,225 s. d.	43 .7 1,605 s. d.	33 0 1,215 4. d.	37 1 1,305 3. d.
1920. Index numbers , 30th June, Weighted average	1,533 . d.	35 11 1,323 *. d. 37 9	41 3 1,519 s. d. 41 7	35 9 1,317 s. d. 35 9	47 6 1,749 s. d. 48 0	33 5 1,231 s. 4, 39 11	39 0 1,434 4. d. 39 10
1920. Index-numbers 30th Sept., Weighted a verage	41 9 1,530 1. d. 43 8	37 9 - 1,388 s. d. 40 9	41 7 1,530 s. d. 44 1	35 9 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317 1,317	48 0 1,787 1,787 48 0	39 11 1,470 8. d. 41 4	39 10 1,467 1. d. 42 5
31st Dec., Weighted average	<sup>43</sup> ,607. <i>i</i> , d. 46 0	<sup>40</sup> 9 1,500 8, d. 43 1	<sup>44</sup> 1,622 s. d. 44 11	40 1 1,476 8. d. 40 7	1,767 s. d. 52 11	1,520 t. d. 41 10	1,581 3. d. 44 6
1920. Index-numbers	1,695	1,586	1,052	1,495	1,947	1,540	1,637

\* Particulars for the quarters omitted from this table will be found in Labour Report No. 10, p. 81.

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(iii.) Weighted Average Weekly Rate of Wage Payable to Adult Male Workers in each Industrial Group, 1914-1920.—The following table gives particulars in regard to (a) the average weekly rate of wage in each of the industrial groups, and (b) the weighted average wage for all groups combined, as at 30th April, 1914, at 31st December, 1914 to 1918, and at 30th June and 31st December, 1919 and 1920. Index-numbers for each industrial group and all groups, based on the average wage for all groups at 30th April, 1914 (= 1000), are given :—

## Weighted, Average Nominal Weekly Rate of Wage payable to Adult Male Workers for a Full Week's Work, and Wage Index-numbers in each Industrial Group, 30th April, 1914, to 31st December, 1920.\*

NOTE.—Index-numbers for each industrial group and all industrial groups, based on the average wage for all groups at 30th April, 1914 (55s. 1d.), as base  $(= 1000)_{t,s}$  The index-numbers in this table are comparable throughout.

· · · · · · · · · · · · · · · · · · ·					_``					
		Weig	hted A	verage ] and ]	Nomina Index-1	l Week Jumber	ly Rate	of Wa <sub>l</sub>	ze,	
Industrial Group.	30th April, 1914.	31st Dec., 1914.	31st Dec., 1915.	81st Dec., 1916.	81st, Dec. 1917.	31st Dec., 1918,	30th June, 1919.	31st Dec. 1919.	30th June, 1920.	31st Dec. 1920.
I. Wood, Furni- (Wage ture, etc.   Index-No					s. d. 66 0 1,198 s. d.	s. d. 68 11 1,251		a. d. 75 9 1,375	s. d. 82 8 1,499	s. d. 95 1 1,725
II. Engineering, Wage . stc. Index-No.	57 0 1,035	57 9 1,048	8. d. 60 2 1,092	\$. d 62 1 1,127	65 0 1,180	s. d. 68 8 1,245	70 9 1,284	4. d. 77 6 1,405	s. d. 83 7 1,516	s. d. 92 5 1,677
III. Food, Drink,   Wage . etc.   Index-No	. 55 0 . 999 . 4.	s. d. 55 8 1,011 s. d.	s. d. 57 9 1,048 s. d.	8. d 61 2 1,111 8. d	s, d. 63 7 1,154 s, d.	s, d, 66 0 1,198 s, d	67 2	d. 75 6 1,369	<ol> <li>d.</li> <li>82 9</li> <li>1,501</li> <li>s. d.</li> </ol>	s. d. 89 3 1,620
IV. Clothing,   Wage Boots, etc.   Index-No	. 52 3 . 949	53 0 962	58 2 965	56 7 1,027	59 7 1,082	61 5 1,114	62 6 1,134	73 5 1,832	76 0 1,379	86 6 1,568
V. Books, Print- (Wage . ing, etc. \Inder-No		1,159	s, d. 64 6 1,171	s. đ 68 1 1,236	s. d. 70 0 1,280			80 9 1,466	s. d. 92 5 1,676	1,805
VI. Other Manu- (Wage facturing   Index-No			8. d. 57 8 1,047	61 8 1,120	s. d 63 10 1,159 s. d.		1,233	s. d. 75 4 1,367 s. d.	82 1 1,489	*. d. 88 11 1,614
VII. Building (Wage Index-No.					72 5 1,815	74 3. 1,348	74 0 1,357	79 8 1,445	85 10 1,557	s. d. 95 7 1,734
VIII. Mining { Wage .   Index-No					78 4 1,422	s. d. 78 6 1,424	s. d. 84 2 1,527	88 4 1,603	1,629	s. d. 103 10 1,884
IX. Railways,   Wage . etc.   Inder-No			1,104	1,150	2. d. 65 11 1,197		1,260	. d. 78 4 1,425		s. d. 93 1 1,689
X. Other Land   Wage . Transport   Index-No			s. d. 53 4 968	#. d. 57 10 1,050	s. d 62 0 1,126	84. 63 5 1,150	$ \begin{array}{r} 64 & 3 \\ 1,165 \end{array} $		s. d. 79 1 1,435	s. d. 87 3 1,583
XI. Shipping,   Wage etc.†   Index-No	<b>b.</b>   887	905	965		8. d. 61 2 1,111	1,169		6. d. 77 9 1,411	81 7 1,531	s. d. 88 0 1,596
XII. Agricultural, [Wage etc.† Index-No		s. d. 49 5 897	s. d. 49 8 902	8. d. 55 0 999	s. d. 61 1 1,109 s. d			70 3 1,274		8. d. 37 1 1,579
XIII. Domestic, {Wage . . etc.† Index-No.		870	s. d. 48 7 882			58 7 1,027	59 <b>2</b> 1,074	, d. 68 7 1,244	1,300	80 6 1,460
XIV. Miscellaneous j Wage   Index-Ne	53 7 973	s. d. 54 0 980		58 3 1,058	60 9	s. d. 63 3 1,147		s. d. 71 3 1,292	s. d. 77 11 1,414	s. d. 84 11 1,540
All Industrial (Wage . <u>Groups</u> Index-No	1. d. 55 1 1,000	s. d. 55 7 1,008	1, d. 56 6 1,023	s. d 60 8 1,100	s. d. 64 2 1,164	s. d. 66 5 1,205	68 7	s. d. 74 11 1,359	s. d. 80 7 1,462	s, d. 89 10 1,629

• Particulars for the quarters omitted from this table will be found in Labour Reports Nos. 6 to 10. † See footnotes to table on page 78. The foregoing table shews that the rate of increase in the weighted average weekly wage in occupations and callings classified in the fourteen industrial groups during the period 30th April, 1914, to 31st December, 1920, was greatest in Group XI. (Shipping), 79.9 per cent., followed in the order named by Groups XII. (Agricultural, etc.) 76.0 per cent., and XIII. (Domestic, etc.), 71.2 per cent. In nine of the groups the increase was less, and in five groups more than the increase in the weighted average for all groups.

(iv.) Weighted Average Weekly Rate of Wage Payable to Adult Female Workers in Industrial Groups, 1914-20.—The following table gives particulars of the weighted average weekly rate of wage payable to adult female workers at the 30th April, 1914, at 31st December, 1914 to 1918, and at 30th June and 31st December, 1919 and "1920, in the industrial groups in which they are mainly employed, and in all groups combined. Taking the average wage for all groups at the 30th April, 1914, as base (= 1000), index-numbers are given, computed on the average rate of wage ruling at the end of each period indicated.

## Weighted Average Nominal Weekly Rate of Wage payable to Adult Female Workers for a Full Week's Work, and Wage Index-numbers in each Industrial Group. 30th April, 1914, to 31st December, 1920.\*

NOTEIndex-numbers for each Industrial Group and all Industrial Groups, based
on the Average Wage for all groups at 30th April, 1914 (27s. 2d), as base
(= 1000). The index-numbers in this table are comparable throughout

•	Weighted Average Nominal Weekly Rate of Wage and Index-Number at—									
Industrial Group.	30th April, 1914.	31st Dec., 1914.	31st Dec., 1915.	31st Dec. 1916.	31st Dec., 1917.	31st Dec., 1918.	30th June, 1919	31st Dec. 1019.	30th June, 1920.	31st Dec., 1920.
<ul> <li>III. Food, Drink,   Wage</li></ul>	s. d. 911 s. d. 26 11 951 s. d. 31 1 1,144 s. d. 30 2	s. d. 23 55 862 s. d. 24 11 917 s. d. 27 0 994 s. d. 30 2 1,110 s. d. 31 4 1,153	s. d. 25 1 923 s. d. 27 4 1,006 s. d. 30 9 1,132 s. d. 80 1	s. d 31 2		s. d. 32 0 1,178 s. d. 34 1 1,255 s. d. 32 4	1,142 s. d. 31 9 1,169 s. d. 33 5 1,230 s. d. 34 0 1,279 s. d 1,279 s. d 33 5	1,277 s. d. 37 4 1,373 s. d 30 9 1,353 s. d. 38 2 1,403 s. d.	1,354 <i>s. d.</i> 39 4 1,449 <i>s. d.</i> 41 0 1,508 <i>s. d.</i> 41 9 1,537 <i>s. d.</i> 39 5	1,538 s. d. 43 5 1,597 s. d. 44 0 1,619 s. d. 40 3 1,701 s. d. 46 2
All Groups Wage	s. d. 27 2 1,000	s. d. 27 5 1,008	27 4	s d. 28 6 1,047				37 1	s. d. 39 10 1,467	8. d 44 6 1,637

Particulars for the quarters omitted from this table will be found in Labour Reports Nos. 6 to 10.
 † See footnote 1 to table on page 78.

It may be seen from the preceding table that the greatest increase in the weekly rate of wage has occurred in Group III. (Food, Drink, etc.), 85.7 per cent., followed in the order named by Groups IV. (Clothing, Boots, etc.), 75.3 per cent., I., II., V. and VI. (All Other Manufacturing), 63.4 per cent., XIV. (Miscellaneous), 53.2 per cent., and XIII. (Domestic, Hotels, etc.), 48.7 per cent. The weighted average weekly rate of wage for all groups was 63.7 per cent. higher at the end of 1920 than on the 30th April, 1914.

4. Hours of Labour and Hourly Rates of Wage, 31st December, 1920.-The rates of wage referred to in the preceding paragraphs of this Section relate to the minimum rates payable for a full week's work. It should be observed, however, that the number of hours which constitutes a full week's work differs in many instances, not only as between garious trades and occupations in each State, but also as between the same trades and occupations in the several States. In order to secure what may be for some purposes a more adequate standard of comparison, the results given in the preceding paragraphs are herein reduced to a common basis, viz., the rate of wage per hour, classified according to industrial groups in each State and all States. In Appendixes IV. and V. of this Report, particulars in detail regarding the number of hours worked per week in the various industries in the several States are shown. It will there be seen that the specified number of hours of labour per week covers a very wide range. In the following tables the average number of hours per week for each State, according to industrial groups, is given.

The tables on pages 86 and 87 shew (a) the average weekly wage, (b) the average number of working hours per week for a full week's work, and (c) the average hourly wage for adult male and female workers in each State and industrial group except Groups XI. (Shipping, etc.), and XII. (Pastoral, Agricultural, etc.). Owing to the fact that many of the occupations included in these two groups are of a casual or seasonal nature, and that the hours of labour are not generally regulated either by awards or determinations of industrial tribunals or otherwise, the necessary particulars for the computation of average working time and hourly rates of wage are not available.

The general effect of reducing the weighted average rates of wage to a common basis (*i.e.*, per hour) is to eliminate on comparison any apparent difference between the several States which may be due to unequal working time.

(i.) The following table gives particulars in regard to the weighted average nominal weekly and hourly rates of wage payable to adult male workers and weekly hours of labour at the 31st December, 1920 :=

Industrial Groups.	Particulars.†	Sydney.	Melbourne.	Brisbane.	Adelaide.	Perth.	Hobart,	A verage for Six Capital Towns.
I. Wood, Furniture, stc. {	Weekly Wage Working Hours Hourly Wage	101/1 47.57 2/14	91/10 47.90 1/11	93/- 44.11 2/11	90/3 47.90 1/10 <b>1</b>	92/4 47.87 1/11‡	94/11 47.90 1/113	95/1 47 21 2/0}
11. Engineering, Metal { Works, etc.	Weekly Wage Working Hours Hourly Wage	97/6 47.69 2/01	89/5 48.00 1/10 <del>1</del>	90/9 44.00 2/0 <del>1</del>	86/2 48.00 1/9]	92/3 47.30 1/11	90/- 48.00 1/10}	92/5 47.43 1/11
III. Food, Drink, etc. {	Weskly Wage Working Hours Hourly Wage	94/- 48.29 1/111	85/7 47.26 1/94	89/11 46.06 1/11	83/11 47.17 1/94	87/10 47.57 1/10†	81/5 47.94 1/81	89/3 47.43 1/104
IV. Clothing, Boots, etc.	Weekly Wage Working Hours Hourly Wage	91/6 46.21 1/112	80/9 46.34 1/9	88/7 44.27 2/-		95/2 44.36 n <sup>1</sup> 2/19	82/4 46 57 1/91	86/5 45 89 1/10
V. Books, Printing, etc.	Weekly Wage Working Hours Hourly Wage	105/11 45.05 2/4‡	95/1 44.93 2/15	95/3 44.61 2/1‡	47.66	103/11 43 10 2/5	08/8 46.00 2/1	99/6 45.08 2/2
VI. Other Manufacturing	Weekly Wage Working Houre Hourly Wage	95/6 47.90 2/-	83/1 47.62 1/0	87/6 45.40 1/11	85/- 48.04 1/91	88/11 48.09 1/10 <del>1</del>	86/- 47.69 1/91	88/11 47.61 1/101
VII. Building	Weekly Wage Working Hours Hourly Wage	101/3 47.21 2/1	91/5 43.79 2/1	104/9 44.00 2/4	83/10 44.59 1/10]	85/1 47.90 1/0‡	88/- 46.59 1/101	95/7 45.66 2/1‡
VIII, Miningt {	Weekly Wage Working Hours Hourly Wage	105/4 43.83 2/41	100/2 44.94 2/23	112/6 43.03 2/74	86/1 43.82 1/11	102/3 43.88 2/4	96/4 45.42 2/1	103/10 44.01 2/4‡
IX. Rail & Tram Services	Weekly Wage Working Hours Hourly Wage	98/6 48 21 2/04	86/11 48.15 1/9‡	93/11 47.89 1/11	87/6 48.50 1/91	96/2 48.15 2/-	84/5 48.00 1/9	03/1 48,16 1/11
X. Other Land Transport $\left\{ { m \ }  m  m \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Weekly Wage Working Hours Hourly Wage	93/- 52,57 1/91	82/6 48.56 1/8]	81/8 48.33 1/81	83/3 48.00 1/81	89/5 48.00 1/101	87/5 48 00 1/9‡	87/3 50.06 1/9
XI. Shipping, etc	Weekly Wage    Working Hours Hourly Wage	80/10	88/1	85/3	87/10	84/8 .:	85/7 	88/- ::
XII. Pastoral, Agricultural,	Weekly Wages Working Hours Hourly Wage	89/0	85/2	87/11 	83/5	88/5 .:	84/7	87/1 
XIII. Domestic, Roteis, etc. {	Weekly Wages Working Hours Hourly Wage	88/10 51.60 1/81	78/- 48.43 1/71	78/3 48-00 1/7 <del>1</del>	65/10 40.60 1/4	74/11 48.27 1/61	54 00	80/6 49.86 1/7 <del>1</del>
XIV. Miscellaneous	Weekly Wage Working Hours Hourly Wage	88/10 47.82 1/101	47.97	87/- 46.78 1/101	77/5 47.80 1/7	84/2 46.98 1/94	81/- 47.40 1/81	84/11 47.66 1/9‡
All Groups	Weekly Wage Weekly Wage Working Hours Hourly Wage	94/ 95/4 47.51 2/-	86/1 86/2 47.19 1/10		82/8 82/1 47.29 1/85	89/9 91/3 46.53 1/11	85/9 86/3 47.33 1/10	89/10 90/7 47.07 1/11

## Weighted Average Nominal Weekly and Hourly Rates of Wage Payable to Adult Male Workers, and Weekly Hours of Labour, 31st December, 1920.

† Particulars relate to the Weighted Average weekly wage, working hours and hourly wage, respectively. I Average rates of wage and hours prevailing at the principal mining centres in each State. || Average rates of wage are for occupations other than Masters, Officers, and Engineers in the Merchant Marine Service, and include value of victualling and accommodation, where provided, at 67/9 per month, but do not include value of victualling and accommodation, which was estimated in 1907 at £27, was computed to be £40 138. 4d. § See footnotes to table on page 75.

(ii.) The following table gives particulars in regard to the weighted average nominal weekly and hourly rates of wage payable to adult *female* workers and weekly hours of labour at the 31st December, 1920:----

Industrial Groups,	Particulars.*	Sydney.	Melbourne.	Brisbane.	Adelaide.	Perth.	Hobart,	Average for Six Capital Towns.
III. Food, Drink, etc.	Weekly Wage Working Hours Hourly Wage	43/11 47.90 -/11	48,00	40/6 46.45 -/10‡	35/2 48,00 -/84	30/- 48.00 -/73	42/9 48.00 -/10]	41/10 47.84 -/10
IV. Clothing, Boots, etc. {	Weekly Wage Working Hours Hourly Wage	45/10 45.73 1/-	41/7 45.57 -/11	41/9 45.07 -/11	43/2 44.86 -/11‡	51/3 44.33 1/2	40/8 45.11 -/10‡	43/5 45.45 -/11]
I, II, V. &VI. All other Manu- facturing	Weekly Wage Working Hours Hourly Wage	44/10 46.59 -/11	47.60	41/3 44.07 -/111	42/10 47.50 -/10]	•••	45/- 48.00 -/111	44/- 46.95 -/111
XIII. Domestic, Hotels, etc. {	Weekly Wage† Working Hours Hourly Wage	45/8 47.69 -/11]	45/4 47.69 -/11	46/6 47.33 -/111	40/1 48.00 -/10	55/4 48.00 1/13	43/6 54.00 -/91	48/3 47.86 -/11
XIV. Shop Assistants, Clorks, etc. • {	Weekly Wage Working Hours Hourly Wage	47/6 48.00 1/-	46/- 46.00 1/-	50/6 47.00 1/1	36/6 48.00 -/9 <del>1</del>		 	46/2 47.15 -/111
All Groups {	Weekly Wage Working Hours Hourly Wage	46/- 46.83 -/11	43/1 46.23 -/11	44/11 46.09 -/112	40/7 46.51 -/10	52/11 46.20 1/1 <del>1</del>	41/10 47.86 -/104	46.47

Weighted Average Nominal	Weekly and	Hourly Rates	of W	7age payabl	e to	Adult
Female Workers, and	Weekly Hor	rs of Labour,	31st	December,	192	0.

\* The particulars relate to the Weighted Average weekly rates of wage, working hours and hourly wage, respectively. † See footnote 1 to table on page 78.

Relative Hours of Labour and Hourly Rates of Wage, 1914 to 5. 1920.—Particulars are given in the following table, classified according to States for male and female occupations separately at 30th April, 1914. and at the end of December, 1914 to 1920. These particulars relate to (a) the weighted average weekly wage, (b) the weighted average number of working hours constituting a full week's work, and (c) the weighted average hourly wage. It should be observed that the weighted average weekly wage relates to all industrial classes combined, and includes the value of board and lodging where supplied in land occupations and the value of victualling in marine occupations, § whereas the number of working hours, and the hourly wage relate to all industrial classes other than Groups XI. (Shipping), and XII. (Agricultural, Pastoral, etc.). Owing to the fact that many of the occupations included in these two groups are of a casual or seasonal nature, and that the hours of labour in these occupations are not generally regulated either by awards or determinations of industrial tribunals or otherwise, the necessary data for the computation of the average number of working hours are not available.

§ See footnotes to table on page 78.

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Weighted Average Nominal Weekly and Hourly Rates of Wage payable to Adult Workers, and Weekly Hours of Labour, 30th April, 1914, and at the end of the years, 1914 to 1920.

Date.	Particulars.	N.S.W.	Vic,	Q'land,	S.A.	W.A.	Tas.	C'with.
		M	LALE WO	ORKERS.				,
30th April, 1914.	{ Weekly Wage* Working Hours† Hourly Wage†	s. d. 55 9 49.42 1/2	s. d. 54 3 48.80 1/14	8. d. 52 8 48.78 1/11 5. d.	s. d. 54 4 48.60 1/13 s. d.	8. d. 62 2 47.78 1/4	8, d, 52 6 48.62 1/1	s. d. 55 1 48.93 1/2
31st Dec., 1914.	Weekly Wage* Working Houret Hourly Waget	s. d. 56 2 49.35 1/2 s. d.	s, d, 54 7 48.66 1/1 s, d,	s. d. 53 5 48.64 1/11 s. d.	54 5 48.59 1/1	s. d. 62 10 48.18 1/4 <del>1</del> s. d.	s. d. 52 8 48.62 1/1 s. d.	.s. d. 55 7 48.87 1/2 s. d.
11st Dec., . 1915.	Weekly Wage* Working Hours† Hourly Wage†	57 7 49.28 1/21 8, d	55 3 48.50 1/2 s. d.	54 4 48.56 1/2 s. d.	54 8 48.50 1/2	63 4 48.12 1/4	53 2 48.56 1/14	56 6 48.77 1/24
1st Dec., 1916	Weekly Wage* Working Hourst Hourty Waget	61 11 48 51 1/34	58 10 48 22 1/3	60 4 48.27 1/3 <del>1</del> 8. 4.	s. d. 59 0 48.14 1/3	s. d. 65 2 48.11 1/49 s. d.	57 U 48 55 1/2	s. d 60 8 40,33 1/31 s. d.
1st Dec., 1917	Weekly Wage* Working Hourst Hourly Waget	64 5 48.41 1/31	63 0 48.14 1/4 s. d.	65 3 47,19 1/5	s. d. 63 1 47.82 1/4 s. d.	68 11 48 10 1/51	8 d. 50 7 48.48 1/3	64 2 48.10 1/41
1st Dec., 1918.	Weekly Wage* Working Hours† Hourly Wage†	s. d. 65 11 48 16 1/41 s. d.	65 6 47.98 1/44 1/44	69 6 46 90 1/6	8, a. 65 6 47.77 1/4 8, d.	s, d. 70 4 47.69 - 1/6 s. d.	s. d. 61, 2 48.39 1/33 s. d.	s, d. 66 5 47.88 1/5 s. d.
18t Dec., 1919.	{ Weekly Wage* Working Hours† Hourly Waget	76 9 47.77 1/73 1. d.	72 0 47.36 1/61	s. d. 78 7 46.19 1/9 s. d.	70 5 47.55 1/51	77 8 47.00 1/7 <del>1</del> s. d.	60 0 17.89 1/51	74 11 47.41 1/71
1st Dec., 1920.	{ Weekly Wage* { Working Hours† Hourly Wage†	94 0 47.51 2/-	86 1 47.19 1/10	01 6 45.63 2/04	82 8 47,29 1/8	89 9 46,53 1/11	85 0 47.33 1/10	89 10 47.07 1/11
,	<del>.</del> .	FEM.	ALE WO	RKERS.				•
oth April, 1914.	Weekly Wage Working Hours Hourly Wage	s. d. 26 9 49.34 -/64 s. d.	s. d. 27 4 48,54 -/03 4. d.	s. d. 26 11 49.32 -/64 s. d.	s. d. 24 1 49.33 -/5 s. d.	s. d. 37 4 48.69 -/01 s. d.	<b>s.</b> d. 25 10 50.76 -/6 <b>s</b> d.	27 2 49.08 -/6
1st Dec., 1914.	Weekly Wage Working Hours Hourly Wage	26 10 49.34 -/61	1. d. 27 9 48.54 -/61	s. d. 27 1 49.82 -/61 s. d.	24 1 49.33 -/54	97 4 49.44 -/9 8. d.	25 10 50.76 -/6	27 5 49.11 -/63
ist Dec., 1915.	Weekly Wage Working Hours Hourly Wage	27 5 49.45 -/64	26 11 48.46 -/85	26 11 49.84 -/64 s. d.	24 6 49.35 -/6 4. d.	97 5 49.86 -/9	28 0 50.14 -/63	27 4 49.12 -/61
1st Dec., 1916.	Weekly Wage            Working Hours            Hourly Wage	28 7 49.44 -/7 8. d.	28 5 48.36 -/7 s. d.	27 3 49.85 -/61 *, d.	24 10 49.02 -/6 4. d.	38 10 49.08 -/91 4. 4.	28 3 49 83 -/61	28 5 49.02 -/7
1st Dec , 1917.	Weekly Wage            Working Hours            Hourly Wage	30 5 48,98 -/74 8. d.	30 4 48.32 -/74 8. d.	30 5 48.99 -/7↓ 5. d.	27 9 48.73 -/61 8. d.	38 10 48.78 -/94 4. d.	28 5 49.83 -/6	80 5 48,71 -/74 s, d,
1st Dec., 1918.	{ Weekly Wage { Working Hours Hourly Wage	31 10 48.35 -/8 s. d.	31 3 48.32 -/74	32 10 48.37 -/81 8. d.	20 5 48.73 -/71 s. d.	38 10 48.78 -/91 6. 4.	28 9 49.83 -/7	31 0 48.42 -/71
1st Dec., 1919,	Weekly Wage Working Hours Hourly Wage	40 0 47.53 -/10 s. d.	84 5 47.68 -/81	38 4 46.76 -/93	93 3 47.67 -/81	43 7 48.12 -/11	33 0 49.28 -/8 s d	37 1 47.54 -/91 8. d.
lst Dec., 1920,	Weekly Wage Working Hours Hourly Wage	46 0 46.83 -/114	43 1 46.23 /11	44 11 46.09 -/112	40 7 46.51 -/10 <del>1</del>	52 11 48,20 1/12	41 10 47.86 -/10	44 6 46.47 -/11 <del>1</del>

· Weighted average weekly wage in all industrial groups combined.

t Weighted average working hours per week, and computed hourly rates of wage for all industrial groups excepting Groups XI. (Shipping, etc.), and XII. (Agricultural, Pastoral, etc.). Working hours have not been generally regulated by industrial tribunals for occupations classified in Industrial Groups XI. and XII.

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From the foregoing table it may be seen that there has been a diminution in each of the States, during the period 1914 to 1920, in the number of working hours constituting a full week's work for male and female occupations. The effect of these changes on the hourly rate of wage as compared with the general increase in the weekly wage is readily seen from the comparative index-numbers given in the following table. In each instance (male and female occupations separately) the basis taken is the weighted average for the Commonwealth at the 30th April, 1914 (= 1000).

# Relative Index-numbers for Weekly and Hourly Weighted Average Wage, 30th April, 1914, 31st December, 1914 to 1920.

Note.—Weighted Average for the Commonwealth at 30th April, 1914, as base (=1000).

Date.	Particulars.	N.8.W.	Vlc.	Q'land.	S.A.	₩.A.	Tas.	C'with
	1 #1			•		· · · · · · · · · · · · · · · · · · ·		·
	đ. `	M	ALE WO	BEERS.	_			
oth April,	( Weekly Wage .	. 1,011	984	955	986	1,128	952	1,000
1914.	Hourly Wage		980	963	991	1,170	933	1,000
Lst Dec.,	Weekly Wage		990	969 985	988 993	1,140	956 936	1,008
1914. 1st Dec	Hourly Wage . Weekly Wage		1.002	986	992	1,149	965	$  1,009 \\ 1.023$
1915.	Houriv Wage	1 0.00	1.006	1.008	1.001	1,182	946	1.030
lst Dec.,	(Weekly Wage	100	1.067	1.095	1.071	1.182	1.084	1,100
1916.	Hourly Wage	1 1 107	1.074	1.097	1.075	1,206	1.011	1 1.105
1st Dec	Weekly Wage	140	1,143	1,183	1,144	1,250	1,081	1,164
1917.	Hourly Wage .		1,138	1,209	1,145	1,252	1,079	1,164
1st Dec.	Weekly Wage .		1,189	1,261	1,188	1,276	1,110	1,205
1918.	Hourly Wage	. 1,196	1,192	1,297	1,176	1,282	1,120	1,210
1st Dec.,	Weekly Wage .		1,306	1,426	1,277	1,409	1,251	1,359
1919.	Hourly Wage	1,405	1,322	1,512	1,262	1,408	1,259	1,878
1st Dec.,	Weekly Wage	. 1,706	1,561	1,659	1,500	1,628	1,556	1,629
1920.	Hourly Wage .	1,725	1,570	1,753	1,492	1,686	1,567	1,656
		FE	MALE W	ORKERS	<b>I.</b>			
		1		<u>.                                    </u>			<u>.                                    </u>	1
0th April,	Weekly Wage .	. 984	1,006	989	885	1,373	950	1,000
1914.	Hourly Wage	202	1,021	976	881	1,386	920	1,000
1st Dec., 1914.	Hourly Wage		1,022	996	885 881	1,373	950 920	1,008
1st Dec.	Weekly Wage	1 1 000	990	990	901	1,376	1.031	1.005
1915.	Hourly Wage	1 - 000	1.005	976	898	1.357	1.011	1.009
				1.004	915	1,429	1,041	1.047
	Weekly Wage	. 1 1.050	1.047	1 1.004				
	Weekly Wage . Hourly Wage .	1.044	1,047	991	916	1.431	1.027	1.048
1st Dec., 1916.	(Hourly Wage . Weekly Wage .	1,044	1,063	991 1,120	916 1,020	1,431 1,430	1,027	1,048
1st Dec., 1916. 1st Dec., 1917.	(Hourly Wage Weekly Wage Hourly Wage	1,044 1,119 1,122	1,063 1,116 1,134	991 1,120 1,122	916 1,020 1,027	1,431 1,430 1,440	1,045	1,048 1,121 1,130
1st Dec., 1916. 1st Dec., 1917. 1st Dec.,	Hourly Wage Weekly Wage Hourly Wage Weekly Wage	1,044 1,119 1,122 1,178	1,063 1,116 1,134 1,151	991 1,120 1,122 1,208	916 1,020 1,027 1,084	1,431 1,430 1,440 1,430	1,045 1,029 1,059	1,121 1,130 1,168
1st Dec., 1916. 1st Dec., 1917. 1st Dec., 1918.	Hourly Wage Weekly Wage Hourly Wage Weekly Wage Hourly Wage	1,044 1,119 1,122 1,173 1,173	1,063 1,116 1,134 1,151 1,169	991 1,120 1,122 1,208 1,226	916 1,020 1,027 1,084 1,092	1,431 1,430 1,440 1,430 1,426	1,045 1,029 1,059 1,044	1,121 1,130 1,168 1,185
1st Dec., 1916. 1st Dec., 1917. 1st Dec., 1918. 1st Dec., 1918.	( Hourly Wage Weekly Wage Hourly Wage Weekly Wage Hourly Wage Weekly Wage	. 1,044 . 1,119 . 1,122 . 1,178 . 1,191 . 1,474	1,063 1,116 1,134 1,151 1,169 1,268	991 1,120 1,122 1,208 1,226 1,412	916 1,020 1,027 1,084 1,092 1,225	1,431 1,430 1,440 1,430 1,426 1,605	1,045 1,029 1,059 1,044 1,215	1,121 1,130 1,168 1,185 1,865
1st Dec., 1916. 1st Dec., 1917. 1st Dec., 1918, 1st Dec., 1919.	(Hourly Wage Weekly Wage Hourly Wage Hourly Wage Weekly Wage Weekly Wage Hourly Wage	. 1,044 . 1,119 . 1,122 . 1,178 . 1,191 . 1,474 . 1,523	1,063 1,116 1,134 1,151 1,169 1,268 1,307	991 1,120 1,122 1,208 1,228 1,412 1,483	916 1,020 1,027 1,084 1,092 1,225 1,262	1,431 1,430 1,440 1,430 1,426 1,605 1,639	1,045 1,029 1,059 1,044 1,215 1,211	1,121 1,130 1,168 1,185 1,865 1,865 1,410
1st Dec., 1916. 1st Dec., 1917. 1st Dec., 1918. 1st Dec., 1918.	( Hourly Wage Weekly Wage Hourly Wage Weekly Wage Hourly Wage Weekly Wage	1,044 1,119 1,122 1,173 1,191 1,474 1,523 1,695	1,063 1,116 1,134 1,151 1,169 1,268	991 1,120 1,122 1,208 1,226 1,412	916 1,020 1,027 1,084 1,092 1,225	1,431 1,430 1,440 1,430 1,426 1,605	1,045 1,029 1,059 1,044 1,215	1,121 1,130 1,168 1,185 1,865

#### (=1000).