Broadly speaking, the fluctuations in prices are more violent and more frequent in the case of wholesale than retail prices, a phenomenon which is observed not only in Australia, but in other countries also. Various explanations have been put forward as to the reasons for this. For example, it has been stated to be due to the fact that a variation in the wholesale price of a raw material may be substantial in itself, but yet may not be large enough to necessitate a change in the retail price of the manufactured commodity; that is to say, the cost of the labour element in the retail price of a commodity may be comparatively large, or, again, there may be a disinclination on the part of shopkeepers to vary prices until the urgent necessity therefor arises. It is stated, moreover, that retail dealers in certain branches of trade purchase their stock at contract or standard prices, which do not reflect all the movements in the prices of raw materials.

## 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 in. dustries 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.t 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 wages were adopted, though in many instances they were actually based on daily or hourly rates, as specified in awards, determinations, or agree ments. $\ddagger$
[^0]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 rate of wage in various industrial groups, and in each State and all States.* The average rate of wage thus computed represented the arithmetic averaget 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 rate of wage had been obtained, no detailed system of weights could be applied. $\ddagger$ 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 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

* The following industrial classification of Industries was adopted :-


## Classification of Industries and Occupations.

| 1. | Wood, Furniture, Sawmill, Tlmberwockers, \& 8 . | VII. | Mlning, Quarrying, *c. |
| :---: | :---: | :---: | :---: |
| II. | Engineering, Metal Works, \%e. | IX. | Riallway and Tramway Services. |
| III. | Food, Drink, and Tobacco, co., Manu- facturing. | X. | Other Land Transpor |
| IV. | Clothing, Hats, Boots, Textli | XI. |  |
| V. | Books, Printing, Bookbinding, \&c. | XII. |  |
|  | Other Manulact | XIII. |  |
| VII. | Bulling. | IV | Domestic, Hotelg, etc. Miecellaneous. |

$\dagger$ The summation of the weekly rate of wage divided by the number of occupations included.
$\ddagger$ Though a great deal of information as to the number of persons engaged in different industries and oceupations was available from the Censua (1911) reeulte, it was found impracticable to bring the olassification of these results into line with the detailed classification of occupations in the various industries, as set out in the awards, determinations, etc.
\% The welghte used in the computation of the average wage were as follows :-
Current Rates of Wage for Adult Male Occupations, Weights used for each Industrial Group.

| Partienlars. | I. | II. | III. | IV. | V. | VI. | VII. | VIII. | IX. | $\mathbf{X}$. | XI. | XII. | XIII. | XIY. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| N.S.W. | 136 | 228 | 199 | 84 | 65 | 162 | 252 | 343 | 187 | $74^{-}$ | 137 | 704 | 134 | 902 |
| Vletoria | 118 | 195 | 160 | 95 | 68 | 141 | 190 | 157 | 136 | 54 | 65 | 455 | 95 | 734 |
| Gueensland | 67 | 62 | 108 | 28 | 20 | 34 | 70 | 133 | 73 | 22 | 45 | 352 | 45 | 302 |
| 8. Australıs | 24 | 71 | 45 | 16 | 13 | 40 | 68 | 29 | 48 | 17 | 44 | 182 | 24 | 228 |
| W. Australis | 65 , | 36 | 32 | 7 | 8 | 16 | 32 | 142 | 40 | 9 | 32 | 118 | 31 | 158 |
| Tasmanla | 25 | 14 | 17 | 6 | 5 | . 7 | 20 | 49 | 10 | 6 | 12 | 104 | 10 | 80 |
| 0 \% wealth | 435 | 606 | 561 | 281 | 169 | 400 | 632 | 853 | 494 | 182 | 935 | 1,915 | 339 | 2,390 |

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)* were included, and results obtained thereby to the 30th April, 1914, 'were published in Labour Report No. 5, pp. 44-50. $\dagger$ 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 adequate 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 have 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 State Acts, or as a result of direct inquiry.

## 2. Weekly Rates of Wage and Wage Index-Nambers in Classifled

 Industries and States, 31st December. 1916.-The particulars given in the Appendixes, referred to above, furnish the necessary data for the computation of relative rates of wage in different classified industrial groups and States at the 31st December, 1916.| Industrial Group. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Particulars. | $\underset{\text { Drink, otc. }}{\underset{\text { Fil }}{\text { DIId }}}$ | TV. <br> Ctothing, <br> Boots, etc. | I. II. V. VI. <br> Other Manufactures | $\begin{aligned} & \text { XIII, } \\ & \text { Dromestle, } \\ & \text { Botels, } \\ & \text { ect. } \end{aligned}$ | XIV. <br> Miscellaneons Shop Assistanta, Clerks, etc. |
| New South Wales | 23 | 228 | 44 | 104 | 124 |
| Victoria .. | 28 | 320 | 57 | 80 | 111 |
| Queengland . | 5 | 80 | 8 | 47 | 40 |
| Bouth Australia ${ }_{\text {Western Australia }} \quad$. | 8 1 | -28 | 7 | 22 | 32 |
| Tasmania .. | 1 | 18 | 2 | 8 |  |
| Commonweatth | 61 | 731 | 118 | 290 | 307 |

[^1](i.) Weighted Average Nominal Rate of Wage Payable to Adult Male Workers in each State, 31st December, 1916.-The following table shews the weighted average nominal weekly rate of wage payable at the 31st December, 1916, 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 the more important industries carried on in each State, and any conclusions drawn from such comparisons must be subject to these qualifications. Taking the weighted average rate of wage for the six States as base ( $=1000$ ), index numbers for each State are also shewn.

Weighted Average Nominal Weekly Rate of Wage payable to Adult Male Workers for a Foll Week's Work, and Wage Index-Numbers in each State and Commonwealth, 31st December, 1916.

| Particulars. | N.s.w. | Vic. | Q'land. | S.A. | w.A. | Tas. | C'with. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Oc cupations inoluded | 874 | 909 | 627 | 567 | 489 | 482 | 3,948 |
| Weighted Aver age Weekly Rate of Wage | ${ }^{8}$. | $\begin{array}{lll}8 . & \text { d. } \\ 58 & 10 \\ 5\end{array}$ | 8.  <br> 60 d | 8.  <br> 59 d. |  | 8.  <br> 57 d. | ${ }_{60}^{8 .}{ }_{\text {a }}{ }^{\text {d }}$ |
| Index-Numbers | -1,021 | 970 | 996 | 973 | 1,075 | 940 | 1,000* |

*Weighted average.

The results shew that the weighted average nominal rate of wage was highest in Western'Australia, followed in the order named by New South Wales, Queensland, South Australia, Victoria, and Tasmania.
(ii.) Weighted Average Nominal Rate of Wage Payable to Adult - Male Workers in each Industrial Group, 31st December, 1916.-The following table gives particulars in regard to the weighted average nominal weekly rate of wage at the 31st December, 1916, for adult male workers in each of the several industrial groups and to the weighted average for all groups combined. In computing, the index-number for each industrial group, the weighted average rate of wage for all groups is taken as base $(=1000$.)

It may be observed from the following figures that the highest weighted average wage was that paid in Group VIII. (Mining), 72s. 9d., per weok, 20 per cent. above the weighted average for all groups, and the lowest in Group XIII. (Hotels, etc.), 5ls. per week, about 16 per cent. below the weighted average for all groups.

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, 1916.

| Industrial Groups. | No. of Rates Included. | Weighted. Aver. Weekly Rate of Wage (for Full Week's Work). | Index-Numbers |
| :---: | :---: | :---: | :---: |
|  |  | s. d. |  |
| I. Wood, Furniture, ete. . | 270 | 6310 | 1,053 |
| II. Engineering, Metal Works, etc. .. | 636 | $62 \quad 1$ | 1,024 |
| III. Food, Drink, etc. | 576 | 61.2 | 1,009 |
| , IV. Clothing, Boots, stc. . | 124 | 567 | 933 |
| - V. Books, Printing, etc. . . . | 205 | -68 1 | 1,123 |
| VI. Other Manufacturing .. | 875 | 618 | 1,016 |
| VII. Building . | 190 | 698 | 1,148 |
| VIII. Mining .. .. .. | 161 | 729 | 1,200 |
| IX. Rail \& Tram Services, etc. | 224 | 635 | 1,045 |
| X. Other Land Transport. . | 70 | 5710 | 954 |
| XI. Shipping, etc. .. .. | 198 | $591 \dagger$ | 974 |
| XIT. Pastoral, Agricultural, etc. | 72 | 55 0t | 908 |
| XIIT. Domeatic, Hotels, etc. | 114 | 51 0§ | 841 |
| XIV. Miscellaneous .. .. | 233 | 58 3 | 961 |
| All Groups . . . | 3,948 | 608 | 1,000* |

* Weighted average. $t$ Including the value of victualing and accommodation (estimated at 45s. per month) where supplied, \% Including the value of Board and Lodging where gupplied as follows:-In Sydney 15s and 189., according to the rates of wages, in Melbourne 14 s , in Perth 239., and in Brisbane, Adelaide, and Hobart 159. $\ddagger$ Includiag the value of Board and Lodging where supplied as follows:-In the agricultural industry 14s. per waek in Victoria and $15 s$. in the remaining States; in the pastoral industry, 19s. in Now South Wales, 22s. in Queensland, I's. In West Australia and 17s. in Victoria, South Australia and Tasmania.
(iii.) Weighted Average Nominal Rate of Wage Payable to Adult Female Workers in each State, 31st December, 1916. The following table shews the weighted average nominal weekly rate of wage payable at 31st December, 1916, 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 shewn. The figures given in this table are subject to the qualifications, regarding want of uniformity in the data for the several States, stated in paragraph (i.).
Weighted Average Nominal Weelly 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, 1916.

| Particulare. | N.S.W. | Vic. | Q'land. | S.A. | W.A. | Tas. | C'wlth, |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Occupations included | 85 | 87 | 37 | 47 | 24 | -28 | 308 |
| Weighted Average Weekly Rate of Wage | $\begin{array}{cr}\text { g. } & \text { d. } \\ 28 & 7\end{array}$ | $\begin{array}{ll}8 . & \text { d. } \\ 28 & 6\end{array}$ | $\begin{array}{lr}\text { s. } & \text { d. } \\ 27 & 4\end{array}$ | $\begin{array}{ll}\text { 8. } \\ 24 & \text { d. }\end{array}$ | $\begin{array}{lll}\text { 9. } & \text { d. } \\ \text { 38 } & 10\end{array}$ | $\begin{array}{lll}\text { a. } & \text { d. } \\ 28 & 4\end{array}$ | e. ${ }_{28}{ }^{\text {d }}$ - ${ }^{\text {a }}$ |
| Index-Numbers | 1,003 | 1,000 | 959 | 873 | 1,364 | $\mathrm{Cag}^{4}$ | 1,000** |

- Weighted average.

It will be seen that the weighted average nominal rate of wage for adult female workers was highest in Western Australia, followed in the order named by New South Wales, Victoria, Tasmania, Queensland, and South Australia.
(iv.) Weighted Average Nominal Rate of Wage Payable to Adult Female Workers in Industrial Groups, 31st December, 1916.-The following table gives particulars regarding the weighted average nominal rate of wage for adult females in those industrial groups in which they are mainly employed, and the weighted average for all groups combined. Index-numbers based on the weighted average for all groups as base ( $=1000$ ) are also given :-
Weighted Average Nominal Weelly Rate of Wage payable to Adult Female Workers for a Full Week's Work, and Wage Index-Numbers in Industriai Groups, 31st December, 1816.

| Industrial Groups. | No. of Rates Included. | Weighted Aver. Weokiy Rate of Wage (for Full Week's Work). | Index-Nurabert. |
| :---: | :---: | :---: | :---: |
|  |  | B. d. | . |
| III. Food, Drink, etc... .. | 35 | $25 \quad 4$ | 888 |
| IV. Clothing, Boots, etc. . | 114 | 2611 | 946 |
| I., II., V., VI. All Other Manu- |  |  |  |
| facturing Combined | 84 | 295 | 1,034 |
| XIII. Domeatic, Hotels, etc. | 57 | 31 2* | 1,094 |
| XIV. Shop Assistanta, Clerke,etc | 18 | $29 \quad 10$ | 1,048 |
| All Groups . . . | 308 | 286 | $\mathbf{1 , 0 0 0} \dagger$ |

*See foothote to table on preceding page. \& Waighted average.
The results set out in the immediately preceding. table shew that omitting Group XIII. (Domestic, Hotels, etc.), the highest weighted average wage was that paid in Group XIV.(Shop Assistants, Clerks, etc.), 29s. 10d., or 4.8 per cent. higher than the average wage for all groups. This is followed in the order named by Groups I., П., V., and VI. (All Other Manufacturing Combined); 29s. 5d., Group'IV. (Clothing, Boots, etc.), 26s. 11d., and Group III. (Food, Drink, ete:), 25s. 4d., being respeotively 3.4 per cent. above, and 5.4 and 11.2 per cent. below the weighted average wage for all groups.
3. Relative Weekly Wages and Wage Index-Numbers in each State and for all States, 1914-16. The arithmetic average of the rates of wages given in the appendixes referred to furnish 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 wages payable to adult workers, male and female, separately, at the 30th April, 1914, and approximately at the end of each subsequent quarterly period to the 31st December, 1916, for a full week's work, in each State and for all States. In addition index-numbers for each State at each period are given, based on the weighted average for all States as the base ( $=1000$ ).
(i) Weighted Average Nominal Weekly Rate of Wage Payable to Adult Male Workers in each State, 1914-16.-The following tables shew 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 (a) based on the average wage at the end of that period for all States as base ( $=1000$ ), and (b) indexnumbers for each State at each specified interval based on 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, 1916.
(Note.-Index-number based on the average wage for the Commonwealth at the end of cach period as base ( $=1000$ ). The index-numbers in this table are comparable horizontally but are not directly comparable vertically.

| Particulars. | N.S.W. | Vlc. | Q'land. | S.A. | W.A. | Tas. | C'wlth. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. of Occupations Included | 874 | 909 | 627 | 567 | 489 | 482 | 3,948 |
| $\text { 30th April, }\left\{\begin{array}{l} \text { Weiglted average } \\ \text { weekly rate of wage. } \\ \text { Index-numbers. } \end{array}\right.$ | $\begin{array}{rr} s . & d . \\ 55 & 9 \\ 1,011 \end{array}$ | $\begin{gathered} s_{.} \quad d_{-} \\ 54 \\ 984 \end{gathered}$ | ${ }_{52}^{s_{4}}{ }_{955}^{8}$ | $\begin{array}{r} s_{4} \quad d . \\ 54 \\ 086 \end{array}$ | $\begin{gathered} 8 . \\ 6 . \\ 1,128 \end{gathered}$ | $52{ }^{6}$ | $\begin{array}{cc} s & d . \\ 5 \sqrt{5} \\ 1,000 \end{array}$ |
| 30th June, $\quad$ 19L4. $\left\{\begin{array}{l}\text { Weighted average } \\ \text { weekly rate of wage. } \\ \text { Index-numbers. }\end{array}\right.$ | $\begin{gathered} 5, d . \\ 55,11 \\ 1,011 \end{gathered}$ | ${ }_{5}{ }_{5}$ d. 982 | $52{ }_{956}^{10}$ | $\begin{gathered} s \\ 54 \\ 983 \end{gathered}$ | $\begin{aligned} & d_{1} d_{0} \\ & 1,135 \end{aligned}$ | $\begin{gathered} d_{1} \\ 52 \\ 952 \end{gathered}$ | $\begin{aligned} & 5 \\ & 55 \\ & 1,000 \end{aligned}$ |
| $\begin{aligned} & \text { 30th Sept }, \\ & 1914 . \end{aligned}\left\{\begin{array}{l} \text { Wetghterl averaige } \\ \text { weekly rate of wage. } \\ \text { Index-numbers. } \end{array}\right.$ | $\begin{array}{ll} s . & d . \\ 56 & 2 \\ 1,011 \end{array}$ | $\begin{array}{rr} 8 . & d . \\ 54 \\ 982 \end{array}$ | $\begin{gathered} s . \\ 53^{4} \\ 900 \end{gathered}$ | $\begin{gathered} 5 . \\ 54 \\ 980 \end{gathered}$ | $\begin{aligned} & s . \\ & 62 \\ & 1,132 \end{aligned}$ | $\begin{array}{cc} s, & d . \\ 50 & 8 \\ & 949 \end{array}$ | $\begin{aligned} & s . d . \\ & 55 \\ & 1,000 \end{aligned}$ |
| $\text { 3Int Dec., }\left\{\begin{array}{l} \text { Welghted average } \\ \text { weekly rate of wage. } \\ \text { Index-numberg. } \end{array}\right.$ | $\begin{array}{ll} s . & d \\ 5.6 \\ 1,012 \end{array}$ | $\begin{gathered} s \\ 54 \\ 982 \\ 98 \end{gathered}$ | ${ }_{9+}^{8}{ }_{91}^{d}$ | ${ }_{5080}^{5}$ | $\begin{aligned} & s . d \\ & 6210 \\ & 1,132 \end{aligned}$ |  | $\begin{gathered} 8 . \\ 5.5 \\ 1,000 \\ 1 . \end{gathered}$ |
| $\text { 31st Mar., }\left\{\begin{array}{l} \text { Weighted nverage } \\ \text { weekly rate of wage. } \\ \text { Index-numbers. } \end{array}\right.$ | l, 56 56 1,012 |  |  | ${ }_{54}^{976}{ }_{9}^{3}$ |  |  | $\begin{gathered} 1,000 \\ s . \\ 55 \\ 1,00 \theta_{+} \\ 1 . \end{gathered}$ |
| $\text { 30th June, }\left\{\begin{array}{l} \text { Weighted average } \\ \text { wcekly rate of wage. } \\ \text { Indcx-numbers. } \end{array}\right.$ | $\begin{aligned} & s . \\ & 56 \\ & 1,016 \end{aligned}$ | $\begin{array}{r} 8 . \\ 54 . \\ 081 \end{array}$ | $53 \quad d$ | $5 .{ }_{933}^{3}$ | $\begin{array}{ll} s . \\ 63 \\ 1,132 \end{array}$ | $5 .$ | $\begin{array}{cc} s . & d_{4} \\ 55 & { }^{7}, 000 \end{array}$ |
| $\text { 30th Sept. }\left\{\begin{array}{l} \text { Werglited average } \\ \text { weekly rate of wage. } \\ \text { Index-numberg. } \end{array}\right.$ | $\begin{array}{cc} s . & d . \\ 56 & 10 \\ 1,016 \end{array}$ | $\begin{gathered} 8 . \\ 54 . \\ 981 \end{gathered}$ | $\begin{array}{cc} s_{+} & d \\ 53 \\ 950 \\ & 8 \end{array}$ |  | $\begin{array}{lll} 8 & d \\ 63 \\ 1,128 \end{array}$ |  | $\begin{aligned} & k_{.} \\ & \mathbf{5 6} \\ & 1,000 \end{aligned}$ |
| $\text { 318t Dec., }\left\{\begin{array}{l} \text { Weighted averige } \\ \text { weekly rato of wage. } \\ \text { index-numbers. } \end{array}\right.$ | $\begin{array}{ll} s . & d . \\ 57 \\ 1,019 \end{array}$ | ${ }_{50}^{5 .}{ }_{98}^{3}$ | $\begin{gathered} s . \\ { }^{s .} d_{060} \end{gathered}$ | ${ }_{94}^{s}{ }_{968}^{8}$ | $\begin{aligned} & s . \\ & 6,121 \end{aligned}$ | $\begin{gathered} s_{i} \\ 5 \cdot \\ \\ 942 \\ 3 \end{gathered}$ | $\begin{array}{rr} s . & d \\ 56 & 6 \\ 1,000 \end{array}$ |
| $\text { 31st Mar., } \begin{aligned} & \text { Weighted average } \\ & \text { weekly rate of wage } \\ & \text { wndex-numbers. } \end{aligned}$ | $\begin{aligned} & s . d_{*} \\ & 58 \quad 2 \\ & \mathbf{1}, 015 \end{aligned}$ | $56{ }^{588}{ }^{7}$ | $\frac{s .}{}{ }^{561}$ | $5{ }_{972}^{8}$ | $\begin{array}{lll} s . & d . \\ 0 . & 4 \\ 1,106 \end{array}$ | $\begin{gathered} s \\ 53 \\ 93 \\ 9 \end{gathered}$ |  |
| 30th June, $\left\{\begin{array}{l}\text { Weighted average } \\ \text { weekly rate of wage } \\ \text { Index-numbers. . }\end{array}\right.$ | $\begin{gathered} 8 . \\ 58 \quad 11 \\ 1,010 \end{gathered}$ | $\begin{array}{lrr} x . & d . \\ 57 & 0 \\ & 984 \end{array}$ | $\begin{array}{ll}5 . & d . \\ 50 & \\ 974\end{array}$ | $\begin{array}{ll} 8 . & d . \\ 568 \end{array}$ | $\begin{aligned} & s_{1} d \\ & 03 \\ & 1,008 \end{aligned}$ | $\begin{array}{r} 8 . \\ 548 \\ 938 \end{array}$ | $\begin{array}{r} 5 . \\ 5 \quad 11 \\ 1,000 \end{array}$ |
| $\begin{gathered} \text { 30tl Sejut } \\ 1916 . \end{gathered}\left\{\begin{array}{l} \text { Wejghted average } \\ \text { weekly rate of wage } \\ \text { Tndex-numbers. } \end{array}\right.$ | $\begin{array}{cc} 8 . & d . \\ 59 & 6 \\ 1,014 \end{array}$ | ${ }_{57}^{8 .} \quad{ }_{9}^{4}$ | $\begin{gathered} 5.11 \\ 987 \end{gathered}$ | $\begin{array}{lr} s . & t, \\ 50 \\ & 664 \end{array}$ | $\begin{gathered} 8 \\ 08 \\ 1,085 \end{gathered}$ | ${ }_{54}^{s_{4}}{ }_{934}$ | $\begin{aligned} & s_{0} \quad d_{0} \\ & 58,00 \\ & 1,000 \end{aligned}$ |
|  | $\begin{gathered} s, d . \\ 1,021 \\ \hline 11 \end{gathered}$ | $\stackrel{\text { f. }}{\substack{d . \\ 970}}$ | $\begin{array}{ll} s_{4} & d . \\ 60 \\ & 4 \\ & 4 \end{array}$ | $\begin{array}{cc}s . & d . \\ 50 & 0 \\ 973\end{array}$ | $\begin{gathered} s \\ 1,075 \end{gathered}$ | ${\stackrel{s}{57}{ }_{040}^{s} 0}^{s}$ | $\begin{array}{r} s . \\ 60 \\ 1,000 \end{array}$ |

Note---Index-numbers based on the average wage for the Comanonwealth at the 30 th April, 1914 (55.12s.), as base ( $=1000$ ). The index-numbers in this table are comparable throughout.

| Dates. |  |  | N.S.W. | Vic. | Q'land. | S.A. | W.A. | Tas. | C'with. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $30 \mathrm{th} \mathrm{Aprl}, 1914$ |  | $\cdots$ | 1,011 | 984 | 935 | 986 | 1,128 | 952 | 1,000 |
| 30 th June, 1914 |  | $\cdots$ | 1,014 | 985 | 958 | 986 | 1,139 | 954 | 1,003 |
| 81st Decennber, 1914 |  | $\because$ | 1,019 | 990 | 969 | 988 | 1,140 | ${ }_{056} 95$ | 1,008 |
| 31st Mareh, 1915 |  | $\because$ | 1,021 | 992 | 967 | 984 | 1,144 | 957 | 1,009 |
| 30th June, 1915 |  | $\ldots$ | 1,028 | 092 | 967 | 984 | 1,145 | 957 | 1,012 |
| 30 th September, 1915 |  |  | 1,031 | ${ }_{1}^{996}$ | 974 | 985 | 1,145 | 958 | 1,015 |
| S18t Deceuber, 1915 |  | $\cdots$ | 1,044 | 1,002 1,020 | ${ }_{999} 986$ | 1,092 | 1,149 | 965 978 | 1,023 |
| 30th June, 1016 |  |  | 1,089 | 1,085 | 1,024 | 1,018 | 1,149 | 986 | 1,051 |
| 30 th September, 1910 | $\cdots$ |  | 1,079 | 1,047 | 1,051 | 1,025 | 1,155 | 093 | 1,084 |
| 31st December, 1916 | . |  | 1,123 | 1,067 | 1,095 | 1,071 | 1,182 | 1,034 | 1,100 |

From the first portion of the immediately preceding table it will be seen 'that the average weekly wage for adult male workers, as indicated by index-numbers at the 30 th 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 whole period for which results have been computed.

The second portion of the above table relates to a comparison of the weighted average weekly wage index-number for each State and all States, at each different period, with that for the Commonwealth at
the 30th April, 1914, as base $(=1000)$. It will be seen that the movement in wages since that date has been greatest in Queensland; followed in the order named by New South Wales, South Australia, Victoria, Tasmania, and Western Australia.
(ii.) Weighted Average Weekly Rate of Wage Payable to Adult Male Workers in each Industrial Group, 1914-1916.-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, and at approximately quarterly periods to the 31st December, 1916. Index-numbers for each industrial group and all groups, based on the average wage 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, 1916. $\dagger$
Note.-Index-numbers for each industrial group and all industrial groups, based on the average wage at 30 th Aprit, 1914, as base $(=1000)$.


In the foregoing table it may be seen that the rate of increase in the weighted average weekly wage in occupations and callings classified in the fourteen industrial groups was greatest in Group XI. (Shipping), 21.1 per cent. The groups next in order acconding to percentage of increase in weekly wage are Groups X. (Other Land Transport), 13.4 per cent., VIII. (Mining), 11.9 per cent., VI. (Other Manufacturing), 11.8 per cent., XII. (Agricultural, Pastoral, etc.), 11.3 per cent., III. (Food, Drink, etc.), 11.2 per cent. It may be seen that in eight of the industrial groups the increase was less than that for the whole fourteen groups combined.
(iii.) Weighted Average Rate of Wage payable to Adult Female Workers in each State, 1914-16.—The first part of the following joint 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 approximately quarterly periods to the 31st December, 1916. Taking the weighted average wage for all States at the end of each period as the base ( $=1000$ ) index-numbers for each State are shewn. The second part of the table shews indexnumbers for each State based on the average weekly wage at the end of each of the periods indicated, computed from the weighted average wage for all States at the 30th April, 1914, as base ( $=1000$ ).

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, 1916.
Nore.-Index-number besed on the average wage for the Commonwealth at the end of each period as base ( $=1000$ ).

| Particulars. | N.S.W. | Ve. | Q'land. | S.A. | W.A. | Tas. | C'wlth. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. of Occupations Includ | 85 | 87 | 37 | 47 | 24 | 28 | 308 |
| $\text { 30th April, }\left\{\begin{array}{l} \text { Weighted Average } \\ \text { weekly-rate of wage. } \\ \text { Index-No. } \end{array}\right.$ | $\begin{array}{lr}8 . & 8 . \\ 28 & 9 \\ & 984\end{array}$ | $\begin{array}{r} s_{-} . \\ 27 \\ 1,006 \end{array}$ | $\begin{array}{cr} s_{0} & d . \\ 26 & 11 \\ & 989 \end{array}$ | $\begin{array}{lr}s . \\ 24 & \\ \\ 885\end{array}$ | $\begin{array}{r} 3 . \\ 37 \\ 1,374 \end{array}$ | $\begin{array}{cr}s . & d . \\ 25 & 10 \\ & 950\end{array}$ | s. 27 1,000 |
| 30th Jnne, $\left\{\begin{array}{l}\text { Weighted nverage } \\ \text { 1914. } \\ \text { weekjy rate of wage. }\end{array}\right.$ | $\begin{array}{cc} 8 & d \\ 20 & 9 \end{array}$ | $\begin{array}{rr} 8, & d \\ 27 & 4 \end{array}$ | $\begin{array}{cc} 5 & d . \\ 27 \end{array}$ | $\begin{array}{rr} s . & d . \\ 24 & 1 \end{array}$ |  | ${ }^{8 .} \begin{array}{ll}25 & 10\end{array}$ |  |
| Index-No. $\quad \cdots$ | 984 | 1,006 | 994 | 885 | 1,373 | 950 | 1,000 |
|  | $\begin{gathered} s . d . \\ 90 \\ 10 \end{gathered}$ | $\frac{s}{5} \quad \frac{d}{9}$ | ${ }_{26} 80$ | $\begin{array}{cc} s_{+} & d . \\ 24 & 1 \end{array}$ | $37 \quad d$ | $\begin{array}{cc} s . & d . \\ 25 & 10 \end{array}$ |  |
| 1914. Index-No. | 982 | 1,015 | 985 | 881 | 1,366 | 945 | 1,000 |
| Dec., $\left\{\begin{array}{l}\text { Weighted average } \\ \text { weekly rate of wage }\end{array}\right.$ | $\begin{array}{cc}8 . & d \\ 26 & 10\end{array}$ |  | $\begin{array}{ll}8 . & d . \\ 27 & 1\end{array}$ | $\begin{array}{cc}s . & d . \\ 24 & 1\end{array}$ | $\begin{array}{cc} 87 & d \end{array}$ | $\begin{array}{cc}8 . & d . \\ 25 & 10\end{array}$ |  |
| 914. $\quad\left\{\begin{array}{l}\text { weekly rate of wage. } \\ \text { Index-No. }\end{array}\right.$ | $26 \quad 10$ | $\begin{array}{r} 27 \quad 9 \\ 1,012 \end{array}$ | $27 \quad 188$ | $24 \begin{array}{r}178\end{array}$ | 37 1,860 | ${ }^{25} 9810$ | 1,000 |
| 31 st Mar. Weighted average | ${ }_{26}^{8} \quad 10$ | $\begin{array}{cc}s . & d . \\ 26 & 11\end{array}$ | ${ }_{27}{ }_{2}{ }_{2} d_{4}$ |  |  |  | $s$ |
| 1915. $\left\{\begin{array}{l}\text { weekly rate of wage. } \\ \text { Index-No. }\end{array}\right.$ | $\begin{array}{lr}26 & 10 \\ & 901\end{array}$ | $26 \quad 11$ | ${ }^{27}{ }_{1,003}^{2}$ | 24887 | 37 1,382 | 26968 | 27,000 |
| goth June, $\left\{\begin{array}{l}\text { Welgited average } \\ \text { weekiy rate of wage }\end{array}\right.$ | $\begin{array}{cc} \text { s. } & d . \\ 27 & 2 \end{array}$ | $\begin{array}{cc}s . & d . \\ 28 & 11\end{array}$ | ${ }_{2+}^{8+} \quad d_{i}$ | $\begin{array}{cc}s . & d_{+} \\ 24 & 0\end{array}$ | $\underset{37}{ } \quad \underset{5}{d}$ | $\begin{array}{cc}\delta_{+} & d . \\ 20 & 3\end{array}$ |  |
| 1915. $\left\{\begin{array}{l}\text { weeky rate of wage. } \\ \text { Index-No. }\end{array}\right.$ | $\begin{array}{r} 27 \\ 1,000 \end{array}$ | $26 \quad 11$ | $\begin{array}{r} 27 \\ 1,000 \end{array}$ | 24883 | $\begin{aligned} & 7,377 \end{aligned}$ | 2696 | 27,000 |
|  | $\begin{array}{ll} 8 . & d . \end{array}$ | $\begin{array}{cc} s & d \\ 26 & 11 \end{array}$ | $\begin{array}{cc}9 . & d \\ 26 & 11\end{array}$ |  |  | ${ }^{8} 808$. |  |
| 1915. Index-No. .. | 1,001 | 988 | 988 | 882 |  | 1,029 | 000 |
| alst Dec., $\left\{\begin{array}{l}\text { Weighted average } \\ \text { weekly rate of wage. }\end{array}\right.$ | $\begin{array}{cc} s & d \\ 27 & 5 \end{array}$ | $\begin{array}{cc} s . & d \\ 26 & 11 \end{array}$ | $\begin{array}{ll} { }_{26} & d . \end{array}$ | $\begin{array}{cc} s . & d . \\ 24 & 6 \end{array}$ | $\begin{array}{cc}5 . & 4 . \\ 37 & 5\end{array}$ | $\begin{array}{ll}8 . & d . \\ 28 & 0\end{array}$ | $\delta_{27} \quad 4$ |
| 1915. \{ Index-No. | 1,003 | ${ }^{685}$ | 985 | ${ }^{24} 896$ | 1,369 | 1,026 | 2,000 |
| 31st Mar., Weighted average |  | 8. | ${ }^{8} \quad{ }^{\text {d }}$. |  |  | $8{ }^{8}$ d. |  |
| $\text { 1916. }\left\{\begin{array}{l} \text { Weekly rate } \\ \text { Index-No. } \end{array}\right.$ | 2787 | 27. | $26 \quad 11$ | $2488{ }^{6}$ | $\begin{array}{rr}37 & 5 \\ 1,347\end{array}$ | 28 1,023 | 27 1,000 |
| 30th June, Feighted average |  |  |  |  |  |  |  |
| 1916. $\left\{\begin{array}{l}\text { weekly rate of wage. } \\ \text { Index-No. }\end{array}\right.$ | $27 \quad 7$ | $\begin{array}{r} 27 \quad 11 \\ 1,005 \end{array}$ | $\begin{aligned} & 26 \quad 11 \\ & 970 \end{aligned}$ | 24.88 | 37 1,347 | 2798 | 27 1,000 |
| 30th Sept., ${ }^{\text {Weighted average }}$ |  |  |  |  |  |  |  |
| $1916\left\{\begin{array}{l} \text { weekiy rate of wage. } \\ \text { Inclex-No. } \end{array}\right.$ | $\begin{array}{r} 27 \quad 11 \\ 995 \end{array}$ | $\begin{array}{rr} 28 \\ 1,005 \end{array}$ | 2796 | $\begin{array}{r} 2410 \\ 885 \end{array}$ | ${ }^{37}{ }_{1,334}^{5}$ | 27088 | 28 1,000 |
| 31et Jee., $\}$ Weighted average | 8. |  | s. d. |  |  |  |  |
| 1916. $\{$ weekly rate of wage | 28 |  | 27 | $24 \quad 11$ | 8810 | 28 | $8{ }^{6}$ |

## Weighted Average Nominal Weekly Rate of Wage payable to Adult Female Workers-cont.

Note.-Index-numbers based on Weighted Average Wage for Commonwealth at 30th April, 1914 (27.19s.) as base ( $=1000$ ).


From the foregoing tables it will be seen that the general upward movement in the average weekly wage for adult female workers, as indicated for the whole Commonwealth, has been comparatively small, and that the 4.7 per cent. increase shewn at the end of 1916 has been ;secured almost entirely during the year 1916.
(iv.) Weighted Average Rate of Wage Payable to Adult Female Workers in Industrial Groups, 1914-16.-The following table gives particulars of the weighted average weekly rate of wage payable to adult female workers at the 30th April, 1914, and at approximately quarterly periods to the 31st December, 1916, in the industrial groups in which they are mainly employed, and in all groups combined. Taking the average wage in each industrial group and for all groups, at the 30 th April, 1914, in each instance, 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, 1916. $\ddagger$ <br> Note.-Index-number for each Industrial Group and all Industrial Groupe, based on the Average Wage at 30th April, 1914, as base ( $=1000$ ).

| Industrial Gronp. |  | Welghted Average Nominal Weekly Rate of Wage, and Index-Number at- |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
|  |  | 30th | 31st | 91st | 81 st | 30th | 30th | $318 t$ |
|  |  | April ${ }_{\text {cher }}$ | 1914. | Dec., | Mar., | June, 1916. | Sept, | Jec. 1916. |
| III. Food, Drink, etc.IV. Clothing, Boots, etc. | $\left\{\begin{array}{l}\text { Wage } \\ \text { Index-No. }\end{array}\right.$ | s. d | $\begin{array}{cc} \hline s_{.} & d . \\ 23 & 5 \\ 1,041 \\ s . & d . \end{array}$ | $\begin{array}{cr} 8 . & d \\ 24 & 5 \\ 1,085 \\ s . & d . \end{array}$ | 8. $\quad$ d. | ${ }^{5}$ d. | $\begin{array}{ll}\text { 8. } & \\ 25\end{array}$ | ${ }_{\text {8. }}$ |
|  |  | 22.6 |  |  | 2411 | 2411 |  |  |
|  |  | 1,000 |  |  | 1,109 | 1,109 | 1,111 | 1,125 |
|  |  | ${ }_{8}{ }^{1} d_{+}$ |  |  | ${ }_{25}{ }^{\text {d }}$ d |  | 8. d | ${ }^{\text {\% }}$ d. |
|  | $\left\{\begin{array}{l}\text { Wage } \\ \text { Index-No. }\end{array}\right.$ | 249 | 24,111,007 | $\stackrel{8}{25} \quad 1$ | $25 \quad 11$ | 2511 | 26 6 | 2611 |
| IV. Clothing, Boots, etc. |  | 1.000 |  | 1,013 8. | 1,04.5 8 | 1,045 <br> 8. | s. ${ }_{\text {c. }}$ d. ${ }^{\text {d. }}$ | 1,088 8. |
| Other Manutacturing ... | $\left\{\begin{array}{l}\text { Wage } \\ \text { Index-No. }\end{array}\right.$ | 2611 | 271,003 | 2,71,015 | 27 \% 8 | 27, 1,081 | 281,059 | 29,092 |
|  |  | 1,000 |  |  | 1,026 |  |  |  |
| XIII. Domestic, Hotels, etc.*. . | $\left\{\begin{array}{l}\text { Wage } \\ \text { Index- }{ }^{+*}\end{array}\right.$ |  | $\begin{array}{lr} 30 & 2 \\ & 971 \\ s . & d . \end{array}$ |  | $\begin{array}{r} 30 \\ 090 \end{array}$ |  | $\begin{array}{lc} 8 . & d \\ 30 & 10 \end{array}$ | $\begin{gathered} 31.2 \\ 1.002 \end{gathered}$ |
|  |  | 1,000 |  | $\begin{array}{r} 30 \\ 089 \\ 089 \end{array}$ |  | -000 | $\begin{array}{r} 30 \\ 901 \end{array}$ |  |
|  |  | $s . \quad d$. |  | t. ${ }^{\text {d }}$. | 8. d | 8. d | 8. d | 8. ${ }^{\text {d }}$ |
| Miscellaneots | $\left\{\begin{array}{l} \text { Wage } \\ \text { Index-No } \end{array}\right.$ | 80 1,000 | 1,030 | $30{ }_{907}$ | $\begin{array}{ll} 30 & 1 \\ 297 \end{array}$ | 29903 | $298$ | $\begin{array}{r} 29 \quad 10 \\ 990 \end{array}$ |
|  |  |  |  |  |  |  |  | s. d. |
|  | \{ Wage . ${ }^{\text {a }}$ | 278 | 275 | 27. | 279 | 27 \% | 281 | 286 |
| All Groups ${ }^{\text {f }}$ | 1Index-No. | 1,000 | 1,009 | 1,00e | 1,022 | 1,022 | 1,032 | 1,047 |

[^2]4. Hours of Labour and Hourly Rates of Wage, 31st December, 1916. -The rates of wage referred to in the preceding paragraphs of this Section relate to thie minimum rates payable for a full week's work. It should be observed, however, that the number of hours which constitute a full week's work differ in many instances, not only as between various 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 adequạte 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 shewn. It will be there seen that the specified number of hours of labour per week cover a very wide range. In the following tables the average number of hours per week for each State, according to industrial groups, is given.
(i.) Males.-The table on page 423 shews (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 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. In Western Australia, however, the fact that the average working hours per week is less than in any. other State causes a corresponding increase in the hourly rates of wage as compared with the other States. On page 416 index-numbers are given showing the relative average weekly rate of wage for each State; the corresponding index-numbers for the hourly rate, taking the average for the whole Commonwealth as base ( $=1000$ ) are as follows:-New South Wales, 1019 ; Victoria, 972 ; Queensland, 993 ; South Australia, 973 ; Western Australia, 1091 ; and Tasmania, 914.

## Weighted Average Nominal Weekly and Hourly Rates of Wage, Payable to Adult Male Workers, and Weekly Hours of Labour, 31st December, 1916.*

| Industrial |  |  | 嵳 |  | 总 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1. Wood, Furniture otc. | Weekty Wage Working Hours Hourly Wage | $65 / 1$ <br> 48.02 <br> $1 / 43$ <br>  <br> 18 | \|c|c|$61 / 9$ <br> 4807 <br> $1 / 34$ | ( $\begin{gathered}60 / 4 \\ 46.24 \\ 1 / 54 \\ \\ \\ \end{gathered}$ | 61/4 | $\begin{aligned} & 61 / 3 \\ & 4800 \\ & 1 / 4 \frac{1}{2} \end{aligned}$ | $\begin{gathered} 56 / 2 \\ 48.00 \\ 1 / 2 \end{gathered}$ | $\begin{gathered} 63 / 10 \\ 4775 \\ 1 / 4 \end{gathered}$ |
| II. Eagineerlng, Metal Works, otc. | Weekly Wage Working Hours Hourly Wage | $\begin{gathered} 64 /- \\ 4800 \\ 1 / 4 \end{gathered}$ | $\left\|\begin{array}{c} 000 / 11 \\ 48.00 \\ 1 / 3 t \end{array}\right\|$ | $\left\{\begin{array}{l} 01 / 6 \\ 45.6 \\ 1 / 4 t \end{array}\right.$ | $\begin{gathered} 57 / 4 \\ 48.00 \\ 1 / 2 t \end{gathered}$ | $\begin{gathered} 67 / 3 \\ 47.95 \\ 1 / 4! \end{gathered}$ | $\begin{aligned} & 61 / 5 \\ & 48.00 \\ & 1 / 33 \end{aligned}$ | $\begin{gathered} 62 / 1 \\ 47.76 \\ 1 / 3! \end{gathered}$ |
| III. F | Workiag Hour | 48.57 <br> $1 / 31$ | $60 / 10$ 48.7 $1 / 3$ | 49 | 61/ | $61 /-$ 4959 $1 / 28$ | $t$ |  |
| IV. Ctothing, Boots, etc. $\{$ | Weekly Wage Working Hoits Hourly Wage | $\begin{array}{r} 60 / 2 \\ 47.79 \\ 1 / 3 \end{array}$ | $\left.\begin{array}{\|c} 54 / 11 \\ 48.10 \\ 41 / 17 \end{array} \right\rvert\,$ | $\left.\begin{array}{\|c\|} 52 / 8 \\ 48.00 \\ 1 / 1 \end{array} \right\rvert\,$ | $\begin{array}{r} 52 /- \\ 48.00 \\ 1 / 1 \end{array}$ | $\begin{array}{r} 63 / 9 \\ 48.00 \\ 1 / 4 \end{array}$ | $\begin{gathered} 52 / 6 \\ 4800 \\ 1 / 12 \end{gathered}$ | $\begin{gathered} 56 / 7 \\ 47.92 \\ 1 / 2 \ddagger \end{gathered}$ |
| V. Bookg, Printing, etc. \{ | Weekly Wage Working Hou Hourly Wage | $1 / 87 / 9$ 4673 $1 / 5$ | 09/10 <br> 45.93 <br> $1 / 64$ | $188 / 8$ 15 $1 / 4$ | 65 47 1 1 | ${ }_{45}^{68}$ | $68 / 1$ 46.35 $1 / 42$ | $68 / 1$ |
| 0 | Weekly Wage Working Hour Hourly Wage | 697.0 47.98 | $60 / 4$ 48.01 $1 / 3$ | $58 / 5$ 47.5 $1 / 4$ | $60 / 4$ $1 / 4$ | 64/4 | $58 / 5$ 48.23 $1 / 2 t$ | 1 |
| VII. Bullding, | Weekly Wage Working Houry Hourly Wage | $\begin{gathered} 71 / 4 \\ 47.18 \\ 1 / 6 t \end{gathered}$ | $\left(\begin{array}{c} 60 / 1 \\ 44.41 \\ 1 / 6 z \end{array}\right.$ | $\begin{gathered} 70 / 2 \\ 44.00 \\ 1 / 7\} \end{gathered}$ | $\begin{gathered} 60 / 2 \\ 46.22 \\ 1 / 5\} \end{gathered}$ | $\begin{gathered} 69 / 5 \\ 47 \\ 1 / 50 \end{gathered}$ | $\begin{gathered} 63 / 7 \\ 46.67 \\ 1 / 4 t \end{gathered}$ | $\begin{gathered} 69 / 8 \\ 4591 \\ 1 / 61 \end{gathered}$ |
| VIII, Mining | Wourly Wage | 45.58 | $64 / 5$ 4492 $1 / 5 t$ | 458 | 1/10t | $\begin{array}{r}\text { 4754 } \\ 1 / 83 \\ \hline\end{array}$ | 47.31 | ${ }_{4}^{72 / 9} 8$ |
| IX. Rall \$ Tram Services <br> X. Other Land Trangport | Weekly Wage Working Hours Hourly Wage | $\begin{array}{r} 65 / 2 \\ 4850 \\ 1 / 4 \end{array}$ | $\begin{gathered} 61 / 7 \\ 4815 \\ 1 / 3 t \end{gathered}$ | $\begin{gathered} 63 / 9 \\ 4879 \\ 1 / 39 \end{gathered}$ | $\begin{gathered} 62 / 9 \\ 4850 \\ 1 / 34 \end{gathered}$ | $\left.\begin{gathered} 03 / 1 \\ 48.46 \\ 1 / 3,3 \end{gathered} \right\rvert\,$ | $\begin{gathered} 56 / 2 \\ 4980 \\ 1 / 18 \end{gathered}$ | $\begin{gathered} 63 / 5 \\ 4847 \\ 1 / 3\} \end{gathered}$ |
|  | Weokly Wage Workin Ho, Hourly Wag | $59 /$ 54 $1 / 1$ | $57 /-$ 5278 $1 / 1$ | 59/- | $52 / 5$ 49 $1 / 45$ | 62/9 48.00 $1 / 37$ | 50/4 53.00 |  |
| XI. shipplng, otc. .. $\{$ <br> XIJ. Pastoral, Agriculturai' otc. | Weekly Wage * Working Hours Hourly Wage | 58/4 | $61 / 3$ | 56/6 | 62/6 | 56/- | 61/4 | 59/1 |
|  | Working Ho | 55/10 | 151/11 | 57/4 | 3/11 | 58/1 | 56/2 | $55 /$ |
| XIII. Domestic, Hotels, ete. | Weekly Wage 1 <br> Working Honry <br> Hourly Wage | $\begin{gathered} 53 / 3 \\ 57 / 48 \\ -/ 11 \frac{1}{4} \end{gathered}$ | $\left.\begin{array}{r} 47 / 3 \\ 57.05 \\ -/ 10 \end{array} \right\rvert\,$ | $\begin{gathered} 47 / 8 \\ 59.2 \\ -/ 9 \mathrm{q} \end{gathered}$ | $\left\|\begin{array}{c} 50 / 8 \\ 5470 \\ -11 \end{array}\right\|$ | $\begin{array}{r} 60 / 1 \\ 5: 58 \\ 1 / 1 \end{array}$ | $\begin{gathered} 43 / 6 \\ 38.00 \\ -70 \end{gathered}$ | $\begin{aligned} & 51 /- \\ & 5.7 .22 \\ & -1109 \end{aligned}$ |
| xiv. Miscellaneous* .. | Weekly Wage ${ }^{15}$ Working llours Hoarly Wage | $\begin{gathered} 59 / 7 \\ 48,63 \\ 1 / 24 \\ \hline \end{gathered}$ | $\begin{gathered} 58 / 2 \\ +9.67 \\ 1 / 24 \end{gathered}$ | $\left[\begin{array}{c} 55 / 10 \\ 40.17 \\ 1 / 1 / \frac{1}{2} \end{array}\right]$ | $\begin{gathered} 57 / /-1 \\ 48.11 \\ 1 / 24 \end{gathered}$ | $\begin{gathered} 59 / 9 \\ 4708 \\ 1 / 34 \end{gathered}$ | $\begin{gathered} 54 /- \\ 4848 \\ 1 / 1 \pm \end{gathered}$ | $\begin{gathered} 58 / 3 \\ 48.55 \\ 1 / 24 \end{gathered}$ |
|  | Weekly Wage <br> WorkingIIours Honrly Wage | $61 / 11$ $38 / 10$ <br> $83 / 7$ $60 / 3$ <br> 18.51 4822 <br> $1 / 3 \%$ $1 / 2$ |  | $\begin{aligned} & 60 / 4 \\ & 61 / 8 \\ & 4827 \\ & 1 / 3 \\ & \hline \end{aligned}$ | $\begin{array}{\|c\|} \hline 69 /- \\ 60 / 3 \\ 48.14 \\ 1 / 3 \end{array}$ | $\begin{array}{\|c\|} 65 / 2 \\ 07 / 0 \\ 48.11 \\ 1 / 4\}_{4} \\ \hline \end{array}$ | $\begin{gathered} 57 /- \\ 57 / 1 \\ 48.54 \\ 1 / 2 \end{gathered}$ | $\begin{gathered} 00 / 8 \\ 62 / 2 \\ 48.38 \\ 1 / 3! \end{gathered}$ |
| Mourly rates have been published as follows:-To 30th April, 1914 (1.abour Report, No. 49-50); to 81st March, 1915 (Labour Bulietin, No 2, pp. $72-3$ ); to 30th June, 1915 (Labour thin, No 10, pp 176-6); to 30th September, 1915 (Iabour Bulletin, No. 11 pp 264.5); to December, 1915 (Labour Bulletin, No. 12, pp. 413-4) to 31 st March, 1916 (Labour tın No. 13, p.p. 81-2); to 30th June, 1916, (Labour Balletin No. 14, pp. 189-90); and to September, 1916, (Labour Bulletin No. 15 p p 299-300) |  |  |  |  |  |  |  |  |
| Particulars relate to the Average Weighted weelriy wage, workong hours and hourly wage, ctively. I Average rates of wage and hours prevailing at the principal minfng centres in each <br> Average rates of wage are for occupations other than Masters, Officers, nusl neers in the Merchant Marine Service, and tnelude valne of victualling and accomtnodation, provided, at $45 \$$ per month, but does not include value of commission on bar sales to ards In the recent award for Masters aud Oficers on inter-State and intra-State merchant ls, the annual valate of victualling and accommodation which was estimated in 1910 at yas computed to be $£ 4317 \mathrm{~s}$. TSee footnotes to Table on page 416. |  |  |  |  |  |  |  |  |

（ii．）Females．－On page 416 index－numbers are given，with respect to the relative average weekly rate of wage for adult female workers in each State；the corresponding index－numbers for the hourly rate，taking the average for the whole Commonwealth as base（ $=1000$ ），are as fol－ lows：－New South Wales， 994 ；Victoria， 1010 ；Queensland， 943 ；South Australia， 874 ；Western Australia，1363：and Tasmania， 978.

Weighted Average Nominal Weekly and Houriy Rates of Wage payable to Adult Female Workers and Weekly Hours of Labour，30th September，1916．＊

| Industrial Groups． | Particulars．$\dagger$ | 泉 | 迺 | 惖 |  | 建 | 它 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IIL．Food，Drink，otc．$\{$ | Weekly Wage Working Horrs Hourly Wage | $\begin{gathered} 95 / 8 \\ 48.00 \\ -/ 06 \end{gathered}$ | $26 / 3$ 48.00 $-/ 61$ | $20 / 0$ 48.00 -754 | $\begin{gathered} 23 / 3 \\ 48.00 \\ -/ 58 \end{gathered}$ | $21 / 3$ <br> 48.00 <br> -61 | $\begin{gathered} 24 / 9 \\ 48.00 \\ -76 t \end{gathered}$ | $\begin{aligned} & 25 / 4 \\ & 48.00 \\ & -/ 6 z \end{aligned}$ |
| IV．Clothing，Boots，ote． | Veekly Wage Workilig Hours Hourly Wage | $\begin{array}{r} 98 / 1 \\ 47.86 \\ -/ 7 \end{array}$ | $\left\|\begin{array}{c} 26 / 9 \\ 48.00 \\ -/ 64 \end{array}\right\|$ | $24 / 2$ 48.00 -76 | $\left\|\begin{array}{r} 22 / 10 \\ 4800 \\ -754 \end{array}\right\|$ | $\begin{aligned} & 85 / 11 \\ & 48.00 \\ & -/ 9 \end{aligned}$ | $\begin{gathered} 20 / 2 \\ 46.50 \\ -768 \end{gathered}$ | $\begin{gathered} 20 / 11 \\ 47.92 \\ -762 \end{gathered}$ |
| I．I．V．＊VI．All Other Manu－\｛ | Weekly Wage Workiag Hours Hourly Wage | $99 / 1$ <br> 47.17 <br> -771 | $30 / 10$ 47.90 -772 | $22 / 9$ <br> 47.43 <br> -157 | $\begin{gathered} 22 / 9 \\ 48.00 \\ -15 \% \end{gathered}$ | $\because$ $\cdots$ | $\begin{array}{r} 32 /- \\ 4800 \\ -18 \end{array}$ | $\begin{gathered} 89 / 5 \\ 47.60 \\ -1733 \end{gathered}$ |
| XItI．Domestlo，Hotely，etc． | Weekly Wage： Working Hours Hourly Wage | $\begin{array}{c\|} \hline 29 / 8 \\ 53.17 \\ -169 \end{array}$ | $\left\|\begin{array}{r} 28 / 5 \\ 50.77 \\ -768 \end{array}\right\|$ | $\begin{gathered} 32 / 10 \\ 56.17 \\ -/ 7 t \end{gathered}$ | $\begin{array}{r} 20 / 3 \\ 50.67 \\ -/ 7 \end{array}$ | $\begin{gathered} 42 / 5 \\ 506.20 \\ -1104 \end{gathered}$ | $\begin{gathered} 32 / 8 \\ 58.00 \\ -668 \end{gathered}$ | $\begin{gathered} 91 / 2 \\ 52.48 \\ -/ 74 \end{gathered}$ |
| XIV．Stopl Absistants，$\quad\{$ | Weekly Wage Working Ifours Hourly Wage | $\begin{gathered} 28 / 10 \\ 5029 \\ -/ 8: \end{gathered}$ | $\begin{gathered} 32 / 10 \\ 48.00 \\ -788 \end{gathered}$ | $\begin{gathered} 28 / 0 \\ 48.00 \\ -775 \end{gathered}$ | $\begin{array}{r} 25 /- \\ 50.00 \\ -/ 60 \end{array}$ | $\cdots$ | $\because$ | $29 / 10$ <br> 49.13 <br> $-/ 72$ |
| All Groups $\quad . . \quad\{\mid$ | Weekly Wage Working Hours Hourly Wage | $28 / 7$ 49.44 -77 | $28 / 6$ <br> 48.86 <br> -77 | $\begin{aligned} & 27 / 4 \\ & 49.85 \\ & -/ 67 \end{aligned}$ | $\begin{aligned} & 24 / 11 \\ & 4902 \\ & -10 \end{aligned}$ | $\left\|\begin{array}{c} 98 / 10 \\ 49.08 \\ -70 \frac{1}{2} \end{array}\right\|$ | $\left\|\begin{array}{r} 28 / 4 \\ 4983 \\ -64 \end{array}\right\|$ | $28 / 6$ 49.02 $-/ 7$ |

[^3]（iii．）Hours of Labour．and Hourly Rates of Wage，1914， 1915 and 1916．Particulars are given in the following table，classified ac－ cording to States for male and female occupations separately at 30th April，1914，at 31st December，1914，at 31st December，1915， and at 31st December， $1916 . \ddagger$ These particulars relate to （a）the weighted average weekly wage，（b）the weighted aver－ age 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 occupa－ tions，§ 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 gene－ rally regulated either by awards or determinations of industrial tribunals or otherwise，the necessary data for the computation of the average num－ ber of working hours are not available．

The general effect of reducing the rates of wage to a common basis (i.e., per hour) is to decrease the amount of the difference shewn when comparing the weekly wage in the several States. In Western Australia, however, the fact that the average working hours per week in male occupations is less than in any other State causes a corresponding increase in the hourly rate of wage as compared with the other States.

## Weighted Average Nominal Weekly and Hourly Rates of Wage payable to Adult Workers, and Weekly Hours of Labour, 30th April, 1914, 31st December, 1914, 1915 and 1916. $\ddagger$

| Inate. | Particulars, | N.S.W. | Vic. | Q'land. | S.A. | W.A. | Tas. | Cwith. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

MALE WORKERS.


FERLALE WORKERS.


- Welghted average weekly wage in all Industrial classes combined.
+ Weighted average working hours per week, and computed hourty rates of wage for allindustrial classes excepting Classes XI. (Shipplng, etc.), and XII. (Agrienlteral, Pastoral, etc.). Working hours have not been generally regulated by iudustrinl tribunals for oceupatione claseified in lndustral Clapges XI. and XII.
+ For details as to previons publications see footnoto to table on page 423 ,

From the foregoing table it may be seen that with the exception of Western Australia, there has been a steady diminution in the number of working hours, constituting a full week's work in male occupations. On the other hand, excepting in Victoria, South Australia, and Tasmania, the hours of work in female occupations have shewn a slight increase. The effect of these changes on the hourly rate of wage as compared to 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, as base ( $=1000$ ).

Ralative Index-numbers for Weekly and Hourly Weighted Average Wage, 30th April, 1914, 31st December, 1914, 1915 and 1916.*
Note.-Weighted Average for the Commonwealth at 30th April, 1914, as base $(=1000)$.

| Date. | Particulars. | N.S.W. | Vic. | Q'land. | S.A. | W.A. | Tag, | Cwith. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

MLALE WORKERS.

|  |  |  | 1,011 | 984 | ${ }^{5} 95$. |  |  | 5 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30th April, 1914. | Weeriy Wage | $\because$ | 1,021 | 980 | 955 963 | 981 | 1,128 | 959 | 1,000 1,000 |
| 31st Jec., | \{ Weekly Wage |  | 1,019 | 990 | 969 | 988 | 1,140 | 956 | 1,008 |
| 1914. | Hourly Wage | $\cdots$ | 1,010 | 990 | 985 | 993 | 1,173 | 936 | 1,009 |
| 31st Dec., | F Weekty Wage | . | 1,044 | 1,002 | 986 | 992 | 2,140 | 965 | 1,023 |
| 1915. | Hourly Wage | $\cdots$ | 1,039 | 1,006 | 1,008 | 1,002 | 1,182 | 946 | 1,030 |
| 31st Dee, | ¢ Weekly Wage | . | 1,123 | 1,067 | 1,095 | 1,071 | 1,182 | 1,034 | 1,100 |
| 1916 | J Hourly Wage | . | 1,127 | 1,074 | 1,097 | 1,076 | 1,206 | 1,011 | 1,105 |

FEMALE WOREERS.

| 30 th A pril, | W Weekly Wage | ** | 984 | 1,000 | 989 | 885 | 1,373 | 950 | 1,000 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1914. | Gouty Wage |  | 980 | 1,021 | 976 | 881 | 1,386 | 920 | 1,000 |
| 31st Dec., | 1 Weekly Wage | . | 987 | 1,022 | 990 | 885 | 1,373 | 950 | 1,008 |
| 1914. | S Hourly Wage | . | 983 | 1,035 | 983 | 881 | 1,364 | 920 | 1,009 |
| $318{ }^{\text {d Dec., }}$ | FWeekly Wage | . | 1,007 | 090 | 990 | 901 | 1,376 | 1,031 | 1,005 |
| 1915. | Hourly Wage | + | 1,002 | 1,005 | 976 | 898 | 1,357 | 1,011 | 1,000 |
| 31st Dec., | W Weekly Wage | . | 1,050 | 1,047 | 1,004 | 915 | 1,429 | 1,041 | 1,047 |
| 1916 | , Hourly Wage | $\cdots$ | 1,044 | 1,063 | ,991 | 916 | 1,431 | 1,027 | 1,048 |

* For details as to previous publications see footnote to table on page 423.


[^0]:    -This limitation was necessary owing to the difficulty of ascertaining reliabie particalars of the numbers of apprentices, jmprovers and other juvenite workers, to whom progressive ratee of wage fxed or otherwise, according to increasing age or experience, are payable irom year to year.
    $\dagger$ In order to make the inquiry a comprehensive one, it was necessary to include certain iudustries which obviouely are not carried on in the captrai towns, e.g., Mining, Shipping, Agricultural, and Pastoral.

[^1]:    $\uparrow$ In Appendixee IV. and V. of that Report, particulars were given of the weekly ruling rates of wagee at the $30 t h$ September, 1014 , in the number of occupations mentioned.

[^2]:    *See footnote to table on page 4t6. $t$ Weighted average. $\ddagger$ Particulars fer the quarters omitted from this table will be found on page 62 of Report No 6 .

[^3]:    ＊For details as to previous publications，see footnote to table on previous page．$\dagger$ The particulars relate to the Average werghted weekly rates of wage，working thours and hourly wage， respectively $\ddagger$ See footnote to table on page 416.

