

Reference No. 6.20

Estimates of the civilian labour force are based on the results of the quarterly population survey, which is carried out on a one per cent sample throughout Australia in February, May, August and November, each year. About 40,000 private dwellings (houses, flats, etc.) are visited during each survey, as well as a sample of other dwellings (hotels, motels, etc.). The survey information is obtained by means of personal interviews carried out by specially tralned enumerators.

## Population coverage

2. The sample used in the surveys covers the six States, the Northern Territory and the Australian Capital Territory. The estimates relate to all persons aged fifteen years and over, except members of the permanent armed forces, national servicemen enlisted in the Regular Army Supplement and certain diplomatic personnel customarily excluded from census and estimated populations.

## Classification of the labour force

3. The labour force category to which a person is assigned depends on his actual activity (i.e. whether working, looking for work, etc.) during a specified week, known as "survey week", which is the week immediately preceding that in which the interview takes place. The interviews are oarrled out during a period of four weeks, so that there are four survey weeks in each of the months to which the survey relates. These survey weeks generally fall within the limits of the calendar month. The principal categories appearing in the tables in this bulletin are as follows :
(i) The labour force comprises all persons who, during survey week, were employed or unemployed as defined in ( $i \mathrm{i}$ ) and ( $\mathrm{i} i \mathrm{i}$ ) below.
(ii) Employed persons comprise all those who, during survey week,
(a) did any work for pay, profit, commission or payment in kind, in a job or business, or on a farm (including employees, employers and self-employed persons), or
(b) worked fifteen hours or more without pay in a family business (or farm), or
(c) had a job, business or farm, but were not at work because of illness, accident, leave, holiday or industrial dispute; or because of production hold-up due to bad.weather, plant breakdown, etc.

A person who had a job but was temporarily lald off by his employer for the whole week without pay is excluded, and is classified in the tables as unemployed. A person who did some work during the week, however, before he either lost his job or was laid off, is olasslfied as employed. A person who held more than one job is counted only once, in the job at which he worked most hours during survey week.
(iii) Unemployed persons comprise ali those who, during survey week, did no work at all, and who either
(a) did not have a job or business and were actively looking for work (including those who stated that they would have looked for work if they had not been temporarily 111 or believed no work was available, or had not already made definite arrangements to start work in a new job after survey week), or
(b) were laid off from their jobs without pay for the whole week.

A person who either lost his job or was laid off during survey week, but did some work at his job during that week, is classified as employed.
(iv) Persons not in the labour, force are all those who, during survey week, were not in the categories "employed" or "unemployed" as defined. This category therefore includes persons without a job, business or farm who were not actively looking for work, and who, during survey ẃeek, were either keepling house (unpaid), attending school, university, etc., retired or voluntarily idle, permanently unable to work or inmates of institutions. A person who worked less than fifteen hours without pay in a family business during survey week is also classified as not in the labour force.

## Reliability of the estimates

4. Since the estimates in this bulletin are based on a sample, they may differ from the figures that would have been obtained from a complete census using the same questionnaires and procedures. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample, and not the whole population, was enumerated. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained from a comparable complete enumeration, and about nineteen chances in twenty that the difference will be less than two standard errors.
5. Space does not allow for the separate indication of the standarderrors of all estimates in this bulletin. A table of standard errors which is intended to be of general application is therefore given below (Table A). Standard errors of estimates of quarter-to-quarter change are given in Table $B$, and approximate standard errors of estimates of the total number of persons in Australia in each of the principal employment status categories, classified by sex only, in Table C.
6. 

The standard errors in these tables are averages based on calculations for a limited number of surveys and are also averages over a wide range of labour force characteristics. These figures thus give not a precise measure but an indication of the magnitude of the standard error of any particular estimate for any particular survey. An example of the use of Table $A$ is as follows: if the estimate obtained from the sample is 100,000 and the standard error is 3 per cent of the estimate, i.e. 3,000 , there are about two chances in three that the true figure is within the range 97,000 to 103,000 and about nineteen chances in twenty that this figure is between 94,000 and 106,000 .
7. The quarter-to-quarter change in the level of an estimate is also subject to sampling variability. The standard error of the change will depend on the standard error of the level of the estimate, rather than on the change itself. Final estimates of standard errors of movement have not yet been calculated, but an indication of the magnitude of standard errors of quarter-to-quarter change is given in Table B, below. The estimates of standard error of quarter-to-quarter change apply only to estimates of change between two consecutive quarters. Changes between corresponding quarters of consecutive years, or between two other non-consecutive quarters, will generally be subject to somewhat' greater sampling varlability than is indicated in the table below.

TABLE A
STANDARD ERRORS OF QUARTERLY ESTIMATES
table 8
STANDARD ERRORS OF ESTIMATES OF QUARTER-TO-QUARTER CHANGE
(Persons)

| Standard error <br> of quarterly <br> level | Standard error of <br> quarter-to-quarter <br> change |
| :---: | :---: |
|  |  |
| 1,000 | 1,300 |
| 2,000 | 2,500 |
| 3,000 | 3,600 |
| 4,000 | 4,300 |
| 5,000 | 4,700 |
| 6,000 | 5,000 |
| 7,000 | 5,200 |
| 8,000 | 5,300 |
|  |  |

table C
STANDARD ERRORS OF PRINCIPAL EMPLOYMENT STATUS CATEGORIES

| Category | Approximate standard error of estimates |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males |  | Females |  | Persons |  |
|  | 1000 | Per cent | ${ }^{\prime} 000$ | Per cent | ${ }^{1} 000$ | Per cent |
| Employed - |  |  |  |  |  |  |
| Agriculture | 12 | - 3.2 | 3 | 6.3 | 14 | 3.2 |
| Other industries | 8 | 0.3 | 10 | 0.7 | 12 | 0.3 |
| Total | 8 | 0.2 | 10 | 0.7 | 12 | 0.3 |
| Unemployed | 2 | 6.1 | 2 | 5.7 | 3 | 4.4 |
| Laboür force | 7 | 0.2 | 10 | 0.7 | 12 | 0.3 |
| Not in the labour force | 7 | 1.1 | 10 | 0.4 | 12 | 0.4 |

8. It should be noted that the standard errors of estimates relating to agricultural employment are zenerally somewhat higher than the standard errors of other estimates of the same magnitude. Estimates for females also tend to have higher standard errors relative to estimates of equivalent size for males in similar employment categories.
9. The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depend's upon both the size of the percentage and the size of the denominator. Percentages quoted in this bulletin, and any other percentages caloulated from figures presented herein, have generally somewhat lower s'aadard errors (pröportionally) than have the estimates which form the numerators of the percentages, particularly where the percontages are large.
10. As the standard errors in Tables $A$ and $B$ show, the smaller the estimate the higher is the relative standard error. Very small estimates would thus be subject to such high standard errors (relative to the size of the estimatel as to detract seriously from their value for most reasonable uses. In the tables in this bulletin, estimates less than 4,000 have not been shown. Although figures for these small components can be derived by subtraction, they should not be regarded as reliable.
11. The impreoision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by interviewers and respondents. Inaccuracies of this kind are referred to as the non-sampling error, and they may occur in any enumeration, whether it be a full count or only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating proceduros.

## Soasnnally adjusted iseries

12. Seasonally adjusted estlmates for selectod labour force characteristics are shown in Table 2 . The seasonally adjusted series have hein revised following the annual re-analysis of data. Datails of the methods used in seasonally adjusting these statistics are explainod in "Seasonally Adjusted Indicators, 1971" (Reference No. 1. 10), issued on 2 July 1971\%.

## Detailed estimates for esrlier periods

13. Only the principal statistics are published in this quarterly bulletin, and some details are given for the latest quarter only. A wider range of detailed estimates for each quarter from February 1964 to November 1970 rias bean published in "The Labour Force, 1964 to 1968", "The Labour Force, 1969" and "The Labour Force, 1970 " (all Reference No. 6.22).

NOTE. Any disorepancles between totals and sums of components in tables are due to rounding.

IABLE 1. - CIVILIAN POPULATION 15 YEARS OF AGE AND OVER (a), BY EMPLOYMENT STATUS, AUSTRALIA

| Nionth | $\begin{gathered} \text { Employed (b) } \\ (1000) \end{gathered}$ | Unemployed (b) |  | $\begin{gathered} \text { Total } \\ \text { labour force (b) } \end{gathered}$ |  | Not in labour force (b) ('000) | $\begin{aligned} & \text { Civilian } \\ & \text { population } \\ & \text { aged } 15 \text { and } \\ & \text { over (a) } \\ & (1000) \\ & \hline \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Number <br> ('000) | Per cent of labour force | $\begin{aligned} & \text { Number } \\ & \text { ('000) } \end{aligned}$ | Per cent of population (c) |  |  |
| males |  |  |  |  |  |  |  |
| 1970 Feb. | 3,628.4 | 39.1 | 1.1 | 3,667.5 | 83.8 | $707 \cdot 3$ | 4,374.8 |
| May | 3,630.8 | 33.9 | 0.9 | 3,664.7 | 83.4 | 731.5 | 4,396.2 |
| Aug. | 3,630.8 | 33.5 | 0.9 | 3,664.3 | 83.0 | 749.2 | 4,413.5 |
| Nov. | 3,638.9 | 39.3 | 1.1 | 3,678.2 | 82.7 | 768.2 | 4,446.4 |
| 1971 Feb. | 3,679.8 | 41.7 | 1.1 | 3,721.5 | 83.1 | 755.0 |  |
| May | 3,693.9 | 44.0 | 1.2 | 3,737.9 | 83.2 | 757.3 | 4,495.2 |
| married women |  |  |  |  |  |  |  |
| 1970 Feb. | 934.8 | 26.2 | 2.7 | 960.9 | 32.9 | 1,961.1 | 2,922.0 |
| May | 962.5 | 22.0 | 2.2 | 984.5 | 33.5 | 1,958.4 | 2,943.0 |
| Aus. | 986.6 | 17.0 | 1.7 | 1,003.5 | 34.0 | 1,949.0 | 2,952.6 |
| Nov. | 1,041.5 | 17.9 | 1.7 | 1,059.4 | 35.4 | 1,929.3 | 2,988.7 |
| 1971 Feb. |  | 30.2 | 2.9 | 1,045.4 | 34.7 | 1,966.7 | 3,012.1 |
| May | $1,040.4$ | 24.1 | 2.3 | 1,064.5 | 35.2 | 1,962.3 | 3,026.8 |
| other females (d) |  |  |  |  |  |  |  |
| 1970 Fob. | 724.3 | 21.2 | 2.8 | 745.5 | 49.1 | 773.6 | 1,519.1 |
| May | 720.9 | 15.6 | 2.1 | 736.5 | 48.6 | 778.3 | 1,514.8 |
| Aug. | 709.1 | 14.6 | 2.0 | 723.7 | 47.6 | 796.3 | 1,519.9 |
| Nov. | 708.2 | 18.7 | 2.6 | 726:8 | 47.7 | 796.2 | 1,523.0 |
| 1971 Fob. | 725.0 | 21.1 | 2.8 | 746.1 | 48.8 | 781.9 | 1,528.1 |
| May | 718.0 | 14.6 | 2.0 | 732.6 | 47.9 | 797.8 | 1,530.4 |

ALL FEMALES

| 1970 Feb. | 1,659.0 | 47.4 | 2.8 | 1,706.4 | 38.4 | 2,734.7 | 4,441.1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| May | 1,683.4 | 37.7 | 2.2 | 1,721.1 | 38.6 | 2,736.7 | 4,457.8 |
| Aug. | 1,695.7 | 31.5 | 1.8 | 1,727.2 | 38.6 | 2,745.3 | 4,472.5 |
| Nov. | 1,749.6 | 36.6 | 2.0 | 1,786.2 | 39.6 | 2,725.5 | 4,511.7 |
| 1971 Feb. | 1,740.2 | 51.3 | 2.9 | 1,791.5 | 39.5 | 2,748.7 | 4,540.2 |
| May | 1,758.4 | 38.7 | 2.2 | 1,797.1 | 39.4 | 2,760.1 | 4,557.2 |

PERSONS

| 1970 Feb. | $5,287.5$ | 86.4 | 1.6 | $5,373.9$ | 61.0 | $3,442.0$ | $8,815.9$ |
| ---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Nay | $5,314.2$ | 71.5 | 1.3 | $5,385.8$ | 60.8 | $3,468.2$ | $8,854.0$ |
| Aug. | $5,326.5$ | 65.0 | 1.2 | $5,391.5$ | 60.7 | $3,494.5$ | $8,886.0$ |
| Nov. | $5,388.5$ | 75.9 | 1.4 | $5,464.4$ | 61.0 | $3,493.7$ | $8,958.1$ |
| 1971 Feb. | $5,420.0$ | 93.0 | 1.7 | $5,513.0$ | 61.1 | $3,503.7$ | $9,016.7$ |
| May | $5,452.3$ | 82.7 | 1.5 | $5,535.0$ | 61.1 | $3,517.4$ | $9,052.4$ |

(a) For a note on persons excluded see page 1, paragraph 2. (b) For definitions see page 1, paragraph 3. Separate figures for agriculture and other industries are not shown in this issue, pending a detalled examination of recent quarterly changes. (c) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group (labour force partioipation rate). (d) Never married, widowed and divorced.

TABLE 2. - SEASONALLY ADJUSTED SERIES (a)

| Month | Persons in the labour force (b) ('000) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males |  | Married women |  | All females |  | Total |  |
|  | Original | Seasonally adjusted | Original | Seasonally adjusted | Original | Seasonally adjusted | Original | Seasonally adjusted |
| 1964 | 3,256.7 | 3,237.2 | 622.9 | 626.2 | 1,302.4 | 1,291.3 | 4,559.2 | 4,528.9 |
|  | 3,254.3 | 3,253.7 | $617 \cdot 3$ | 621.5 | 1,291.3 | 1,296.5 | 4,545.6 | 4,549.5 |
|  | 3,252.2 | 3,261.5 | 627.4 | 628.8 | 1,288.6 | 1,299.7 | 4,540.8 | 4,563.1 |
|  | 3,268.4 | 3,279.5 | 652.4 | $643 \cdot 4$ | 1,321.7 | 1,316.5 | 4,590.1 | 4,594.3 |
| 1965 | 3,313.9 | 3,293.8 | 648.1 | 651.4 | 1,351.8 | 1,340.5 | 4,665.7 | 4,634.8 |
|  | 3,310.2 | 3,309.6 | 667.8 | 672.3 | 1,358.3 | 1,363.7 | 4,668.5 | 4,672.6 |
|  | 3,319.8 | 3,329.8 | 674.6 | 676.2 | 1,363.1 | 1,374.3 | 4,682.9 | 4,705.8 |
|  | 3,331.7 | 3,342.8 | 702.5 | 693.0 | 1,405.9 | 1,400.8 | 4,737.6 | 4,742.2 |
| 1966 | 3,385.0 | 3,364.0 | 700.9 | $704 \cdot 2$ | 1,426.1 | 1,414.2 | 4,811.1 | 4,778.8 |
|  | 3,384.6 | 3,384.1 | 716.0 | 720.6 | 1,418,4 | 1,424.1 | 4,803.0 | 4,807.6 |
|  | 3,389.8 | 3,400.7 | 742.5 | $744 \cdot 7$ | 1,447.3 | 1,458.8 | 4,837.1 | 4,860.9 |
|  | 3,398.8 | 3,409.9 | 762.8 | $752 \cdot 4$ | 1,478.4 | 1,473.2 | 4,877.2 | 4,881-4 |
| 1967 | 3,442.0 | 3,420.1 | 765.9 | 769.2 | 1,502.5 | :,490.4 | 4,944.5 | 4,9i1.2 |
|  | 3,433.4 | 3,432.8 | 779.7 | $784 \cdot 5$ | 1,501.1 | i, 506.7 | 4,934.4 | 4,939.0 |
|  | 3,438.5 | 3,450.7 | 797.6 | 800.6 | 1,5i6.8 | 1,528.9 | $4,955.3$ | 4,980.6 |
|  | 3,462.7 | 3,473.5 | 826.2 | 814.7 | 1,540.7 | $1,535.0$ | 5,003.4 | 5,007.2 |
| 1968 | 3,500.7 | 3,477.7 | 829.7 | 833.0 | 1,563.1 | 1,551.2 | 5,063.8 | 5,029.5 |
|  | 3,496.8 | 3,496.2 | 839.3 | 844.2 | 1,567.0 | 1,572.2 | 5,063.7 | 5,068.2 |
|  | 3,499.9 | 3,513.4 | 851.2 | 855.6 | 1,570.7 | 1,583.8 | 5,070.6 | 5,097.9 |
|  | 3,527.6 | 3,538.2 | 870.6 | 857.6 | 1,591.2 | 1,584.5 | 5,118.8 | 5,121.3 |
| 1969 | 3,584.2 | 3,560.1 | 891.1 | 894.6 | 1,623.3 | 1,611.9 | 5,207.5 | 5,172.9 |
|  | 3,579.8 | 3,579.1 | 899.7 | 904.8 | 1,617.6 | 1,622.0 | 5,197.4 | 5,201.0 |
|  | 3,581.5 | 3,596.2 | 920.7 | 926.7 | 1,630.0 | 1,644.6 | 5,211.5 | 5,241.2 |
|  | 3,611.3 | 3,621.8 | 971.5 | 956.1 | i,696.0 | 1,688.2 | 5,307.3 | 5,309.1 |
| 1970 | 3,667.5 | 3,642.4 | 960.9 | 964.6 | 1,706.4 | 1,694.9 | 5,373.9 | 5,338.2 |
|  | 3,664.7 | 3,664.0 | $984 \cdot 5$ | 989.9 | 1,721.1 | 1,725.0 | $5,385.8$ | 5,388.9 |
|  | 3,664.3 | 3,679.9 | 1,003.5 | 1,010.9 | 1,727.2 | $1,743.5$ | 5.391 .5 | 5,423.4 |
|  | 3,678.2 | 3,688.7 | 1,059.4 | 1,041.9 | 1,786.2 | 1,777.4 | 5,464.4 | 5,465.8 |
| 1971 | 3,72io5 | 3,695.8 | 1,045.4 | 1;049.6 | 1,791.5 | 1,779.6 | 5,513.0 | 5,476.2 |
|  | 3,737.9 | 3,737.2 | 1,064.5 | 1,070.2 | 1,797.1 | 1,800.8 | 5,535.0 | 5,537.9 |

TABLE 2. - SEASONALLY ADUUSTED SERIES (a) - continued

| Month |  | Participation rate (por cent) (c) |  |  |  | Unemployed persons ( 1000 ) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Males |  | Females |  | Males |  | Females |  | Total |  |
|  |  | Original | Seasonally adjusted | Original | Seasonally adjusted | Original | Seasonally adjusted | Origina! | Seasonally adjusted | Original | Seasonally adjusted |
| 1964 | Feb. | 84.8 | 84.3 | 33.7 | 33.4 | 39.0 | 33.1 | 44.0 | 35.5 | 83.0 | 68.6 |
|  | May | 84.3 | 84.3 | 33.2 | 33.4 | 30.2 | 32.0 | 34.4 | 35.1 | 64.6 | 66.2 |
|  | Aug. | 83.9 | 84.1 | 33.0 | 33.2 | 24.0 | 26.5 | 28.4 | 33.6 | 52.4 | 60.0 |
|  | Nov. | 83.9 | 84.1 | 33.6 | 33.5 | 24.5 | 25.2 | 28.7 | 30.5 | 53.2 | 56.5 |
| 1965 | Feb. | 84.5 | 84.0 | 34.2 | 33.9 | 28.2 | 24.0 | 39.0 | 31.6 | 67.3 | 55.7 |
|  | May | 83.9 | 83.9 | 34.2 | $34 \cdot 3$ | $24 \cdot 5$ | 25.8 | 30.9 | 31.5 | $55 \cdot 5$ | 56.8 |
|  | Aug. | 83.8 | 84.1 | 34.1 | 34.3 | 27.8 | 30.7 | 26.5 | 31.3 | 54.2 | 62.0 |
|  | Nov. | 83.7 | 83.9 | 35.0 | 34.8 | 33.6 | 34.7 | 32.2 | $34 \cdot 2$ | 65.8 | 69.8 |
| 1966 | Feb. | 84.5 | 84.0 | 35.2 | 35.0 | 42.3 | 36.0 | 43.9 | 35.7 | 86.2 | 71.6 |
|  | May | 84.2 | 84.2 | 34.9 | 35.0 | 32.9 | 34.5 | 32.5 | 33.1 | 65.4 | 66.8 |
|  | Aug. | 83.8 | 84.1 | $35 \cdot 3$ | 35.5 | 36.0 | 39.9 | 30.9 | 36.4 | 66.9 | 76.4 |
|  | Nov. | 83.7 | 83.9 | 35.9 | 35.8 | 32.3 | 33.3 | 35.2 | 37.3 | 67.6 | 71.6 |
| 1967 | Feb. | 84.2 | 83.8 | 36.2 | 36.0 | 47.6 | 40.6 | 43.3 | 35.4 | 90.9 | 75.7 |
|  | May | 83.6 | 83.6 | 36.0 | 36.2 | 40.0 | 41.7 | 38.8 | 39.4 | 78.8 | 80.5 |
|  | Aug. | 83.4 | 83.6 | 36.2 | 36.5 | 38.1 | 42.4 | 34.8 | 41.0 | 72.9 | 83.2 |
|  | Nov. | 83.5 | 83.7 | 36.6 | 36.4 | $35 \cdot 3$ | 36.2 | 38.5 | 40.7 | 73.8 | 77.9 |
| 1968 | Feb. | 83.9 | 83.4 | 36.9 | 36.6 | 43.7 | 37.6 | 49.2 | 40.4 | 92.9 | 77.6 |
|  | May | 83.4 | 83.3 | 36.8 | 36.9 | 37.7 | 39.1 | 40.9 | 41.5 | 78.5 | 80.3 |
|  | Aug. | 83.0 | 83.3 | 36.7 | 37.0 | 32.1 | 35.9 | 35.0 | 41.2 | 67.1 | 76.5 |
|  | Nov. | 83.1 | 83.3 | 36.9 | 36.8 | 35.2 | 35.8 | 37.5 | 39.6 | 72.7 | 76.3 |
| 1969 | Feb. | 83.9 | 83.4 | 37.4 | 37.2 | 43.6 | 37.8 | 48.7 | 40.0 | 92.3 | 77.4 |
|  | May | 83.3 | 83.3 | 27.1 | 37.2 | 35.4 | 36.5 | 39.7 | 40.2 | 75.1 | 76.9 |
|  | Aug. | 83.0 | 83.2 | 37.3 | 37.5 | 31.8 | 35.7 | $34 \cdot 3$ | 40.4 | 66.1 | 75.5 |
|  | Nov. | 83.1 | 83.3 | 38.4 | 38.3 | 43.3 | 43.7 | 43.3 | 45.8 | 86.6 | 90.5 |
| 1970 | Feb. | 83.8 | 83.4 | 38.4 | 38.2 | 39.1 | 34.2 | 47.4 | 38.9 | 86.4 | 72.5 |
|  | May | 83.4 | 83.3 | 38.6 | 38.7 | 33.9 | 34.8 | 37.7 | 38.2 | 71.5 | 73.2 |
|  | Aug. | 83.0 | 83.3 | 38.6 | 38.9 | 33.5 | 37.8 | 31.5 | 37.2 | 65.0 | 74.4 |
|  | Nov. | 82.7 | 83.0 | 39.6 | $39 \cdot 4$ | 39.3 | 39.4 | 36.6 | 38.7 | 75.9 | 79.1 |
| 1971 | Feb. | 83.1 | 82.7 | 39.5 | 39.3 | 41.7 | 36.6 | 51.3 | 42.0 | 93.0 | 78.1 |
|  | May | 83.2 | 83.1 | 39.4 | 39.5 | 44.0 | 45.0 | 38.7 | 39.2 | 82.7 | 84.7 |

(a) See paragraph 12, page 3. (b) Civilians aged 15 years and over. For definitions see page 1, paragraph 3. (c) The labour force in each group as a percentage of the civilian population aged 15 years and over in the same group.

TABLE 3. - CIVILIAN LABOUR FORCE (a), BY AGE, AUSTRALIA, MAY 1971

|  | Number ( 1000 ) |  |  |  | Per cent of population (b) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males | Married women | $\begin{gathered} \text { All } \\ \text { females } \\ \hline \end{gathered}$ | Persons | Mates | Married <br> women | $\begin{gathered} \text { All } \\ \text { females } \\ \hline \end{gathered}$ | Persons |
| 15-19 | 349.2 | 19.6 | 325.4 | 674.6 | 61.6 | 44.5 | 59.0 | 60.3 |
| 20-24 | 502.9 | 158.9 | 332.4 | 835.2 | 92.1 | 45.8 | 61.3 | 76.8 |
| 25-34 | 859.3 | 271.5 | 337.6 | 1,196.9 | 97.6 | 36.1 | 40.5 | 69.8 |
| 35-44 | 759.5 | 297.0 | 345.3 | 1,104.8 | 97.8 | 44.6 | 47.4 | 73.4 |
| 45-54 | 693.5 | 234.0 | 296.5 | - 990.1 | 95.6 | 38.6 | 41.6 | 68.9 |
| 55-59 | 276.8 | 57.0 | 93.7 | 370.5 | 90.4 | 24.4 | 30.0 | 59.9 |
| 60-64 | 193.6 | 20.0 | $42 \cdot 7$ | 236.2 | 77.8 | 12.3 | 16.7 | 46.8 |
| $65 \begin{aligned} & \text { and } \\ & \text { over }\end{aligned}$ | 103.2 | 6.5 | 23.4 | 126.6 | 23.2 | 3.0 | 3.8 | 11.9 |
| Total | 3,737.9 | 1,064.5 | 1,797.1 | 5,535.0 | 83.2 | 35.2 | 39.4 | 61.1 |

(a) Aged 15 years and over. For definitions see page 1, paragraph 3. (b) The labour force in each group as a percentage of the civilian population in the same group.

TABLE 4. - CIVILIAN LABOUR FORCE (a), FULL-TIME AND-PART-TIME, AUSTRALIA, MAY 1971

| Employment status | Males | $\begin{gathered} \text { Married } \\ \text { women } \end{gathered}$ | $\begin{gathered} \text { Other } \\ \text { females (b) } \end{gathered}$ | $\begin{gathered} \text { All } \\ \text { females } \\ \hline \end{gathered}$ | Persons |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Full-time labour force |  |  |  |  |  |
| Employed (c) 1000 | 3,567.8 | 672.8 | 630.4 | 1,303.2 | 4,871.0 |
| Unemployed, looking for full-time work (d) 1000 | $41 \cdot 5$ | $13.8$ | $12.9$ | $26.7$ | $68.3$ |
| Total ${ }^{\text {1 }}$ '000: | 3,609.3 | 686.6 | $643 \cdot 3$ | 1,329.9 | 4,939.2 |
| Unemp loyment rate (e) per cent | 1.2 | 2.0 | 2.0 | 2.0 | 1.4 |
| PART-TIME LABOUR FORCE |  |  |  |  |  |
| Employed (f) '000 | 126.1 | 367.6 | 87.6 | $455 \cdot 2$ | 581.3 |
| Unemployed, looking for part-time work (g) '000 | * | $10.3$ |  | $11.9$ | $14 \cdot 4$ |
| Total - ${ }^{\text {a }}$ ( 000 | 128.6 | 377.9 | 89.3 | 467.2 | 595.7 |
| Unemployment rate ( $h$ ) per cent | * | 2.7 | * | 2.6 | 2.4 |

(a) Aged 15 years and over. For definitions see page 1, paragraph 3. (b) Never married, widowed and divorced. (c) Persons who usually work 35 hours a week or more and others who, a!though usually part-time workers, worked 35 hours or more during survey week. (d) Includes persons laid off for the whole week from full-time jobs. (e) Percentage of the full-time labour force. (f) Persons who usually work less tipan 35 hours a week and who did so during survey week. (g) Includes persons laid off for the whole week from part-time jobs. (h) Percentage of the part-time labour force. * Less than or based on a figure less than 4,000. See page 3, paragraph 10.

TABLE 5. - EMPLOYED PERSONS (a) BY HOURS WORKED (b), AUSTRALIA, MAY 1971

| Hours worked |  | Males | Married women | Other females (c) | $\begin{gathered} \text { All } \\ \text { females } \end{gathered}$ | Persons |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\stackrel{\square}{\square}$ | NUMBER ( ${ }^{\prime} 000$ ) |  |  |  |  |
| O(d) |  | 225.9 | 86.0 | 59.8 | 145.8 | 371.7 |
| 1-15 | - | 66.7 | 142.6 | 41.3 | 183:9 | 250.6 |
| 15-29 | $\because$ | 108.6 | $157 \cdot 3$ | 32.6 | 189.8 | 298.4 |
| 30-34 | - | 149.2 | 74.6 | 40.4 | 1.15 .1 | 264.3 |
| 35-39 |  | 322.9 | 125.2 | 149.1 | 274.3 | $597 \cdot 2$ |
| 40 | $\cdots$ | 1,461.2 | 341.7 | $31^{\prime} 0.0$ i | 651.7 | 2,112.9 |
| 41-44 | 4 | 212.2 | 29.2 | 33.1 : | 62.3 | 27.4.6 |
| 45-48 | $=$ | 349.4 | 26.1 | 23.5 | 49.6 | 399.0 |
| 49 and over |  | 797.8 | 57.7 | 28.1 | 85.9 | 883.7 |
| Total | $\cdots$ | 3,693.9 | 1,040.4 | 718.0 | 1,758.4 | 5,452.3 |

AVERAGE HOURS WORKED (e)

| All industries - |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| All employed persons | 41.1 | 30.2 | 33.9 | 31.7 | 38.1 |
| Full-time workers (f) | 42.0 | n. a. | n.a. | 37.4 | 40.8 |
| Manufacturing | 40.4 | 34.5 | 36.6 | 35.2 | 39.1 |

(a) Civilians aged 15 years and over. For definitions see page 1, paragraph 3. (b) Actual hours worked during survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, accidents and industrial disputes; and work stoppages due to bad weather, plant breakdown, etc. (c) Never married, widowed and divorced. (d) Excludes persons lald off without pay for the whole of survey week; these persons are classified as unemployed. (e) Persons with jobs who did not work during survey week have been included in the calculation of average hours worked. (f) See note (c) to Table 4. n.a. - Not available.

TABLE 6. - EMPLOYED PERSONS (a) WHO WORKED LESS THAN 35 HOURS (b) BY REASON, AUSTRALIA, MAY 1971
('000)

| Reason for working <br> less than 35 hours | Males | Married <br> women | Other <br> females $(c)$ | Alt <br> females | Persons |
| :--- | :---: | :---: | :---: | :---: | :---: |

USUALLY WORK 35 HOURS OR MORE

| Leave or holiday | 281.2 | 66.0 | 69.0 | 135.0 | 416.2 |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Own illness or injury | 90.0 | 21.9 | 14.3 | 36.3 | 126.3 |
| Bad weather, break down, etc. | 9.8 | $*$ | $*$ | $*$ | 10.7 |
| Began or lost job in survey week | 9.0 | $*$ | $*$ | 4.8 | 13.8 |
| On short time | 5.1 | $*$ | $*$ | $*$ | 7.3 |
| Other reasons | 29.1 | $*$ | $*$ | 29.4 |  |
| Total | 424.2 | 92.9 | -86.5 | 179.4 | 603.6 |

USUALLY WORK LESS THAN 35 HOURS

|  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Prefer part-time work | 111.3 | 348.7 | 82.7 | 431.4 | 542.8 |
| Lack of work | 10.5 | 11.7 | $*$ | 14.9 | 25.4 |
| Other reasons | 4.3 | 7.2 | $*$ | 8.9 | 13.2 |
| Total | 126.1 | 367.6 | 87.6 | 455.2 | 581.3 |

(a) Civilians aged. 15 years and over. For definitions see page 1, paragraph 3. (b) See note (b) to Table 5. (c) Never married, widowed and divorced. * Less than 4,000. See page 3, paragraph 10.

TABLE 7. - EMPLOYED MARRIED WOMEN (a) BY INDUSTRY AND HOURS WORKED (b), AUSTRALIA, MAY 1971
('000)

| Industry group | Part-time (c) |  |  |  | Fulltime <br> (d) | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Hours worked (b) |  |  | Total |  |  |
|  | Under 16 | 16-29 | 30-34 |  |  |  |
| Agriculture | 12.4 | 12.2 | * | 27.2 | 23.7 | 50.9 |
| Manufacturing | 16.6 | 19.8 | 8.9 | 45.3 | - 207.6 | 252.9 |
| Commerce | 43.8 | 34.8 | 10.0 | 88.7 | 154.6 | 243.3 |
| Community and business services (e) | $47 \cdot 5$ | 30.8 | 15.3 | 93.6 | 1.35 .1 | 228.7 |
| Amusement, hotels, personal service | $40 \cdot 4$ | 24.8 | 8.5 | 73.8 | 67.9 | 141.7 |
| Other industries | 18.1 | $15 \cdot 1$ | 5.7 | 39.0 | 83.8 | 122.8 |
| Total | 179.0 | 137.6 | 51.0 | 367.6 | 672.8 | 1,040.4 |

(a) Civilians aged 15 years and over. For definttions see page 1, paragraph 3. (b) See note (b) to Tabie 5. (c) Those who usually work less than 35 hours a week and who did so during survey week. (d) Those who usually work 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during survey week. (e) Comprises law, order and public safety; religion and social welfare; health, hospitals, etc.; education; and other community and business services (including professionall. Less than 4,000. See page 3, paragraph 10.

TABLE 8. - UNEMPLOYED PERSONS (a) , BY AGE, AUSTRALIA, MAY 1971

| Age group <br> (years) | Number unemployed ('000) |  |  | Per cent of labour force (b) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Males | Females | Persons | Males | Females | Persons |
| Total | 44.0 | 38.7 | 82.7 | 1.2 | 2.2 | 1.5 |
| $15-19$ | 1.2 .0 | 10.1 | 22.1 | 3.4 | 3.1 | 3.3 |
| 20 and over | 32.0 | 28.6 | 60.6 | 0.9 | 1.9 | 1.2 |
| $20-24$ | 9.5 | 7.4 | 16.9 | 1.9 | 2.2 | 2.0 |
| $25-34$ | 7.2 | 8.0 | 15.1 | 0.8 | 2.4 | 1.3 |
| $35-44$ | 6.4 | 7.4 | 13.8 | 0.8 | 2.1 | 1.2 |
| $45-54$ |  |  |  |  |  |  |
| 55 and |  |  |  |  |  |  |
| aver | 4.6 | 4.6 | 9.2 | 0.7 | 1.5 | 0.9 |

(a) Clvilians aged 15 years and over. For definitions see page 1, paragraph 3. (b) The unemployed in each group as a percentage of the civilian labour force in the same group.

* Less than or based on a figure less than 4,000. See page 3, paragraph 10.

TABLE 9. - UNEMPLOYED PERSONS (a), BY DURATION OF UNEMPLOMMENT (b), AUSTRALIA, MAY 1971
('000)

| Duration of unemp loyment (b) (weeks) | Age (vears) |  | Married | $\underset{\operatorname{married}(c)}{\text { Not }}$ | Looking for - |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 15-19 | 20 and over |  |  | Full-time work (d) | Part-time work (e) |  |
| MALES |  |  |  |  |  |  |  |
| Under 2 <br> 2 and under 4 <br> 4 and under 13 <br> 13 and over <br> Tota 1 | * | 5.7 | * | $4 \cdot 4$ | 6.6 | * | $7 \cdot 5$ |
|  | 4.8 | 12.9 | 6.3 | 11.4 | 17.1 | * | 17.7 |
|  | 4.0 | 9.7 | 6.0 | 7.6 | 12.8 | * | 13.7 |
|  | * | * | * | * |  | * | 5.1 |
|  | 12.0 | 32.0 | 17.3 | 26.7 | 41.5 | * | 44.0 |
| females |  |  |  |  |  |  |  |
| Under. 2 <br> 2 and under 4 <br> 4 and under 13 <br> 13 and over <br> Total | * | 6.9 | 6.0 | * | 6.4 | * | $9 \cdot 3$ |
|  | * | 8.0 | 6.4 | 4.9 | 8.3 | * | 11.3 |
|  | * | 8.9 | 7.2 | $4 \cdot 5$ | 7.9 | * | 11.6 |
|  | * | 4.8 | $4 \cdot 5$ | * | 4.1 | * | 6.4 |
|  | 10.1 | 28.6 | 24.1 | 14.6 | 26.7 | 11.9 | 38.7 |
| PERSONS |  |  |  |  |  |  |  |
| Under 2 <br> 2 and under 4 4 and under 13 13 and over Total | $4 \cdot 3$ | 12.5 | 9.1 | 7.7 | 13.0 | * | 16.8 |
|  | 8.1 | 20.9 | $12 \cdot 7$ | 16.3 | 25.4 | * | 29.0 |
|  | 6.7 | 18.6 | 13.2 | 12.1 | 20.8 | $4 \cdot 6$ | 25.3 |
|  | * | 8.5 | 6.4 | 5.1 | 9.2 | * | 11.5 |
|  | 22.1 | 60.6 | 41.4 | 41.2 | 68.3 | 14.4 | 82.7 |

(a) Civitians aged 15 years and over. For definitions see page 1, paragraph 3. (b) Period from the time the person began looking for work, or was laid off, to the end of survey week. (c) Never married, widowed and divorcod. (d) Includes persons laid off for the whole week from full-time jobs. (e) Includes persons laid off for the whole week from part-time jobs. * Less than 4,000. See page 3, paragraph 10.

TABLE 10. - UNEMPLOYED PERSONS (a) BY INDUSTRY (b) AND OCCUPATION (b), AUSTRALIA, MAY 1971

| Industry group | Number $(1,000)$ | Per cent of labour force (c) | Occupation group | $\begin{aligned} & \text { Number } \\ & (1000) \\ & \hline \end{aligned}$ | Per cent of labour force ( c ) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Manufacturing | 21.2 | 1.5 | Clerical workers | 12.0 | 1.3 |
| Building and construction | 7.2 | 1.5 | Sales workers | 7.7 | 1.7 |
| Commerce | 14.6 | 1.5 | Craftsmen, production-process |  |  |
| Community and business sarvicos (d) | 6.2 | 0.9 | workers and labourers, $\text { n.e.c. }(o)$ | 28.6 | 1.5 |
| Amusement, hotels, personal service, etc. | 9.0 | $2 \cdot 4$ | Service, sport and recreation workers | 10.2 | 2.1 |
| Othor industries | 18.4 | 1.2 | Other occupations | 18.3 | 1.0 |
| No pravious work exporience | 5.9 | 100.0 | No previous work experience | 5.9 | 100.0 |
| Total | 82.7 | 1.5 | Total | 82.7 | 1.5 |

(a) Civitians aged 15 years and over. For definitions see page 1, paragraph 3. (b) Based on industry and occupation of last job. (c) The unomployed in each group as a percentage of the civilian labour force in the same group. (d) See note (e) to Table 7. (e) Includes miners, quarrymen and related workers.

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NCTE. Inquiries concerning these statistios may be made in Canberra by telephoning 639111 extension 2347 or, in each State capital, by telephoning the office of the Bureau of Census and Statistics.

