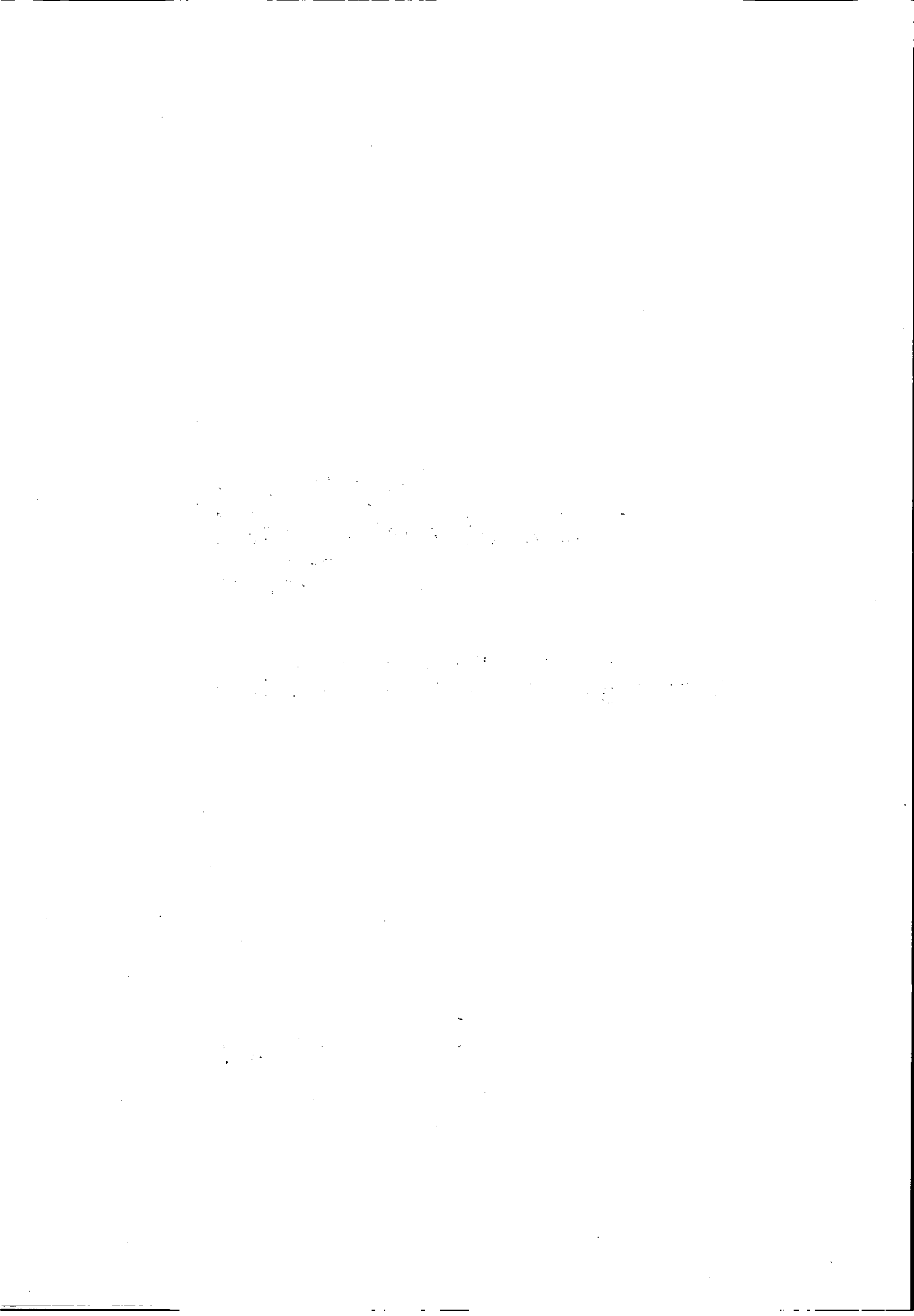




August 1989
THE LABOUR FORCE
AUSTRALIA

**[Including a feature article on
Comparing International Labour Force Data]**

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AUGUST 1989**

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CONTENTS

| <i>Table</i> | <i>Page</i> |
|-------------------------------------------------------------------------------------------------|-------------|
| .. Feature article — Comparing International Labour Force Data | 1 |
| Labour force status of the civilian population aged 15 and over— | |
| 1. Original series, Australia | 8 |
| 2. Seasonally adjusted series, Australia | 10 |
| 3. Trend series, Australia | 11 |
| 4. Marital status | 12 |
| 5. States and Territories | 12 |
| 6. State capital cities | 13 |
| 7. Australian Capital Territory | 13 |
| 8. Seasonally adjusted series, States | 14 |
| 9. Trend series, States | 16 |
| 10. Age | 18 |
| 11. Aged 15 to 19 (single years), by attendance at school or a tertiary educational institution | 18 |
| 12. Aged 20 to 24 (single years), by attendance at a tertiary educational institution | 19 |
| 13. Participation rates, by age and birthplace | 19 |
| 14. Birthplace | 20 |
| 15. Born outside Australia, by birthplace and period of arrival | 21 |
| Employed persons— | |
| 16. Full-time and part-time workers, by age | 21 |
| 17. Hours worked | 22 |
| 18. Employment/population ratios by age and marital status | 22 |
| 19. Full-time workers who worked less than 35 hours, by reason | 22 |
| 20. Part-time workers, whether preferred to work more hours, by age | 23 |
| 21. Part-time workers, whether preferred to work more hours, by hours worked | 23 |
| Industry— | |
| 22. Full-time and part-time workers | 24 |
| 23. Status of worker | 24 |
| 24. Age and birthplace | 24 |
| 25. Hours worked | 25 |
| 26. Occupation. | 26 |
| 27. Industry subdivision | 27 |
| Occupation— | |
| 28. Full-time and part-time workers | 28 |
| 29. Status of worker | 28 |
| 30. Age and birthplace | 28 |
| 31. Hours worked | 29 |
| 32. Major and minor occupation groups | 30 |

CONTENTS—continued

| <i>Table</i> | <i>Page</i> |
|------------------------------------------------------------------------------------------------------------------------|-------------|
| Unemployed persons— | |
| 33. States, by age | 31 |
| 34. Aged 15 to 19: duration of unemployment and school attendance | 31 |
| 35. Age and whether looking for full-time or part-time work | 32 |
| 36. Birthplace by age | 32 |
| 37. Duration of unemployment and age, etc. | 33 |
| 38. Age and active steps taken to find work | 34 |
| 39. Industry and occupation of last full-time job and duration of unemployment | 34 |
| 40. Industry and occupation of last full-time job—unemployment rates | 34 |
| 41. Reason for unemployment | 35 |
| Unemployed persons who had worked full time for two weeks or more in the last two years— | |
| 42. Reason for ceasing last full-time job, by industry and occupation of last full-time job and age. | 35 |
| Persons not in the labour force— | |
| 43. Age and marital status | 36 |
| 44. Whether looking for work, etc. | 36 |
| Gross flows — | |
| 45. Estimates of labour force status and gross changes (flows) derived from matched records, July 1989 and August 1989 | 36 |
| Family status of the civilian population aged 15 and over— | |
| 46. Summary table | 37 |
| 47. Labour force status | 38 |
| All families, by type of family— | |
| 48. Number of family members, and employment status | 39 |
| 49. Number of children aged 0-14 present, number of dependents present and labour force status | 40 |
| APPENDIXES | |
| .. A Glossary | 41 |
| .. B Explanatory Notes | 43 |
| .. C Technical Note | 48 |
| Supplementary and special surveys relating to the labour force | 51 |

COMPARING INTERNATIONAL LABOUR FORCE DATA

Many countries base their labour force statistics on standard concepts and definitions recommended by the International Labour Organisation (ILO). The ILO's current international standards are those provided by the First Resolution of the Thirteenth International Conference of Labour Statisticians (1982). These concepts and definitions are applied by individual countries in different ways according to national circumstances so that the statistics are often not comparable, a problem compounded by the variety of collection methodologies used in different countries.

International comparisons of labour force statistics are compiled by a number of organisations including the ILO, the Organisation for Economic Cooperation and Development (OECD) and the United States of America's Bureau of Labor Statistics (BLS). These organisations adjust figures supplied by national statistical agencies to make the data more comparable and in closer conformity with the ILO standards.

The following discussion examines the different practices which countries adopt in gathering and presenting labour force statistics, both in terms of collection methodologies employed and departures from the ILO guidelines. Examples are provided using selected countries. Following this discussion, a series of tables and charts is presented to illustrate international trends in selected labour force statistics over recent years.

Definitions

The *labour force* comprises all persons who fulfill the requirements for inclusion among the employed or the unemployed.

The *employed* comprise all persons above a specified age who, during a specified reference period, were in one of the following categories:

- paid employment and at work
- paid employment with a job but not at work
- self employment and at work
- self employment with an enterprise but not at work

The *unemployed* comprise all persons above a specified age who, during a specified reference period, were without work, were currently available for work and were seeking work. The seeking work criterion serves to identify those persons who had taken specific, active steps to seek paid employment. An exception to this rule concerns persons without work who have made arrangements to take up paid employment at a date subsequent to the reference period. Such persons, if currently available for work, are considered unemployed, whether or not they continue to seek work.

Departures from standards

International variations in labour force concepts and definitions used and methodologies employed include: source of the data, data collection methods and reference period used; age limits for inclusion in the labour force; and treatment of members of the armed forces, students, unpaid family workers and the unemployed.

Source of data

According to the ILO, a programme of statistics of the economically active population should provide for both short-term and long-term needs, i.e. statistics for current purposes compiled frequently on a recurrent basis, and statistics compiled at longer intervals for structural in-depth analysis and as benchmark data. In Australia these different needs are served, respectively, by the labour force component of the Monthly Population Survey and the five yearly Census of Population and Housing. The ILO recommends that as a minimum programme, countries should collect and compile statistics on the currently active population twice a year.

According to the ILO, population censuses and sample surveys of households or individuals generally constitute a comprehensive means of collecting data on the economically active population. Establishment surveys and administrative records may also serve as sources for obtaining, in some cases, more precise, more frequent and more detailed statistics on particular components of the economically active population.

Australia, the United States of America, Canada and Japan conduct a monthly labour force survey. In Sweden, unemployment data are obtained from the monthly Labour Force Survey and employment data come from various sources including the Labour Force Survey, the Census of Population and administrative records. Italy and New Zealand conduct a quarterly labour force survey.

In the United Kingdom, information comes from a number of sources: number of employees is estimated from the annual Labour Force Survey, the Census of Employment and surveys of employees; self-employment figures are obtained from the Labour Force Survey, the Census of Agriculture and the Census of Population; and unemployment figures are from the Labour Force Survey and administrative records.

The Federal Republic of Germany and France conduct annual surveys (the Microcensus and the Employment Survey respectively) and both countries provide monthly counts of unemployment from administrative records.

Collection method

Survey collection methods differ between nations and may involve personal interviews, telephone interviews, mail out questionnaires, self-enumeration or a combination of methods.

The Australian, American, French and Italian surveys use personal interviews. The Japanese survey uses self-enumeration. The United Kingdom, Canada and New Zealand use personal interviews in all dwellings where interviews are being conducted for the first time. Thereafter, telephone interviews are conducted wherever possible. For the Federal Republic of Germany's Microcensus, 95% of respondents are interviewed personally and the remaining 5% receive a mail questionnaire. The Swedish survey uses telephone interviews, but a personal visit is paid if respondents cannot be reached by telephone (about 1% of cases).

Reference period

According to the ILO the reference period may be a specified period of either one week or one day.

For the Australian and Swedish surveys, interviews are conducted over a two week period: for each sampled person the information obtained relates to the week before the interview. For the American, Canadian, French and Italian surveys, a one week reference period is used and data are collected in the week immediately following this period. The British annual Labour Force Survey uses a one week reference period, however, interviews are conducted throughout the year, with a fraction of the households in the sample being interviewed each month.

For the Japanese survey, the reference period refers to the last seven days of the month. Data from the Federal Republic of Germany's Microcensus relate specifically to the last holiday-free week in April. In the New Zealand quarterly survey information obtained from each sampled person relates to the week before the interview, with interviewing spread evenly over the quarter.

Age limits for inclusion in the labour force

The ILO makes no specific recommendation as to the lower age limit for inclusion in the labour force and the level adopted varies from country to country. Nevertheless, according to the ILO, the main considerations in the choice of a minimum age limit should be: the extent and intensity of participation in economic activities by young people; and the feasibility and cost of measuring such participation with acceptable accuracy. The international standards do not refer to a maximum age limit for the economically active population.

Italy includes persons 14 years of age and over; Australia, Canada, Japan, the Federal Republic of Germany, France and New Zealand include persons aged 15 years and over; and the United States of America and the United Kingdom include persons 16 years of age and over. Sweden includes persons between 16 and 64 years of age, but data on persons aged 65 to 74 years of age are collected one quarter each year.

Armed forces

The ILO recommends that members of the armed forces should be included among persons in paid employment.

In Australia, the United States of America, Canada, and New Zealand, permanent defence force members are excluded from labour force surveys. However, in Australia, figures for the armed forces are available from administrative records and are added to civilian population estimates for some international comparisons. In the United States of America figures for the armed forces are obtained from administrative records and are included in derived estimates of the total labour force. Similarly, in the United Kingdom, the armed forces are excluded from the annual Labour Force Survey, surveys of employees and the Census of Employment, but figures on the armed forces, obtained from administrative records, are included in total employment estimates. In Japan, the Federal Republic of Germany, France and Sweden, the armed forces are included in surveys. Survey coverage in Italy includes members of the permanent defence forces but excludes conscripts.

Students

The ILO recommends that students who satisfy the criteria for classification as employed or unemployed should be considered as such.

Australia, the United States of America, Japan, France, Italy, Sweden and New Zealand comply with this guideline. In Canada, full-time students looking for work are considered not available for work. In the United Kingdom, students who are not employed and who are seeking work during vacation are excluded from unemployment figures.

Unpaid family workers

The ILO recommends that unpaid family workers at work should be considered to be in self-employment irrespective of the number of hours worked during the reference period.

Australia, Canada, Japan, the Federal Republic of Germany, Italy and Sweden comply with this standard. However, prior to 1986 in Australia and 1987 in Sweden, unpaid family workers had to work 15 hours or more during the reference week to be considered self-employed. This is still the case in the United States of America and New Zealand. In the United Kingdom unpaid family workers are excluded from the category 'self-employed' and hence are excluded from total employment figures.

The unemployed

As noted above, the unemployed consist of those persons who, during the reference period, were without work, were currently available for work and were actively seeking work.

The Australian, American, Italian and New Zealand survey definitions conform closely with the ILO guidelines. Japan and Sweden also conform closely but both include in the unemployed category persons waiting for the results of a past job-seeking activity. The Canadian survey definition complies with the ILO guidelines with the exception that full-time students not at work and seeking full-time work are considered not available for work during the reference period. They therefore do not satisfy all of the criteria for classification as unemployed.

In the United Kingdom, unemployment data come from the annual Labour Force Survey and administrative records. The Labour Force Survey definition complies with the ILO guidelines. For the monthly counts obtained from administrative records, persons are classified as unemployed if they claimed benefit at an Unemployment Benefit Office on the day of the monthly count and if on that day were without work and able and willing to do any suitable work. Students claiming benefit during a vacation and who intend to return to full-time education are excluded. Also excluded are non-claimant school leavers and those persons temporarily stopped from work.

In the Federal Republic of Germany, information on unemployment comes from the annual Microcensus and administrative records. The Microcensus defines the unemployed as persons who, in the survey week, are not at work and who state that they are unemployed or that they are looking for work. For the monthly counts obtained from administrative records, persons are defined as unemployed if they are seeking work for a duration of more than three months with nineteen or more hours per week, are not attending full-time education, are not working or are working less than 19 hours per week and are immediately available for employment.

In France, unemployment data come from the annual Labour Force Survey and administrative records. The Labour Force Survey defines the unemployed as persons registered as unemployed and other persons not part of the economically active population, actively seeking employment. For the monthly counts obtained from administrative records, the unemployed are defined as those persons without work, who are immediately available for work and who are seeking permanent full-time employment. Excluded are students seeking work during vacations.

Selected labour force statistics

Table 1 shows civilian employment for selected countries from 1979 to 1988.

TABLE 1. CIVILIAN EMPLOYMENT, PERSONS 15 YEARS OF AGE AND OVER: SELECTED COUNTRIES ('000)

| Year(a) | Australia | U.S.A.(b) | Japan(c) | Federal Republic of Germany | U.K.(d) | France | Italy(e) | Canada | Sweden (f) | New Zealand(g) |
|--------------------------------|-----------|-----------|----------|-----------------------------|---------|---------|----------|--------|------------|----------------|
| 1979 | 6,064 | 98,824 | 54,790 | 25,515 | 25,079 | 21,305 | 20,057 | 10,395 | 4,180 | 1,262 |
| 1980 | 6,242 | 99,303 | 55,360 | 25,797 | 25,004 | 21,334 | 20,313 | 10,708 | 4,232 | 1,264 |
| 1981 | 6,364 | 100,397 | 55,810 | 25,610 | 24,011 | 21,203 | 20,361 | 11,006 | 4,225 | 1,258 |
| 1982 | 6,403 | 99,526 | 56,380 | 25,177 | 23,584 | 21,240 | 20,297 | 10,644 | 4,219 | 1,282 |
| 1983 | 6,289 | 100,834 | 57,330 | 24,793 | 23,288 | 21,168 | 20,350 | 10,734 | 4,224 | 1,266 |
| 1984 | 6,471 | 105,005 | 57,660 | 24,839 | 23,734 | 20,981 | 20,418 | 11,000 | 4,196 | 1,281 |
| 1985 | 6,676 | 107,150 | 58,070 | 25,010 | 24,120 | 20,900 | 20,508 | 11,311 | 4,243 | 1,329 |
| 1986 | 6,946 | 109,597 | 58,530 | 25,276 | 24,434 | 20,949 | 20,614 | 11,634 | 4,269 | 1,517 |
| 1987 | 7,079 | 112,440 | 59,110 | 25,476 | 24,987 | 20,988 | 20,584 | 11,954 | 4,337 | n.a. |
| 1988 | 7,341 | 114,968 | 60,110 | 25,631 | 25,433 | n.a. | 20,832 | 12,347 | 4,399 | n.a. |
| Percentage change 1979-1988(%) | 21.1 | 16.3 | 9.7 | 0.5 | 1.4 | -1.5(h) | 3.9 | 18.8 | 5.2 | 20.2(i) |

(a) Annual averages. (b) Persons 16 years of age and over. (c) Armed forces are included in civilian employment. (d) Mid-year estimates; unpaid family workers are excluded from the labour force. (e) Persons 14 years of age and over; permanent inmates of institutions in economic activities are included in civilian employment. (f) Certain permanent military personnel are included in civilian employment. (g) April estimates. (h) 1979-1987. (i) 1979-1986.

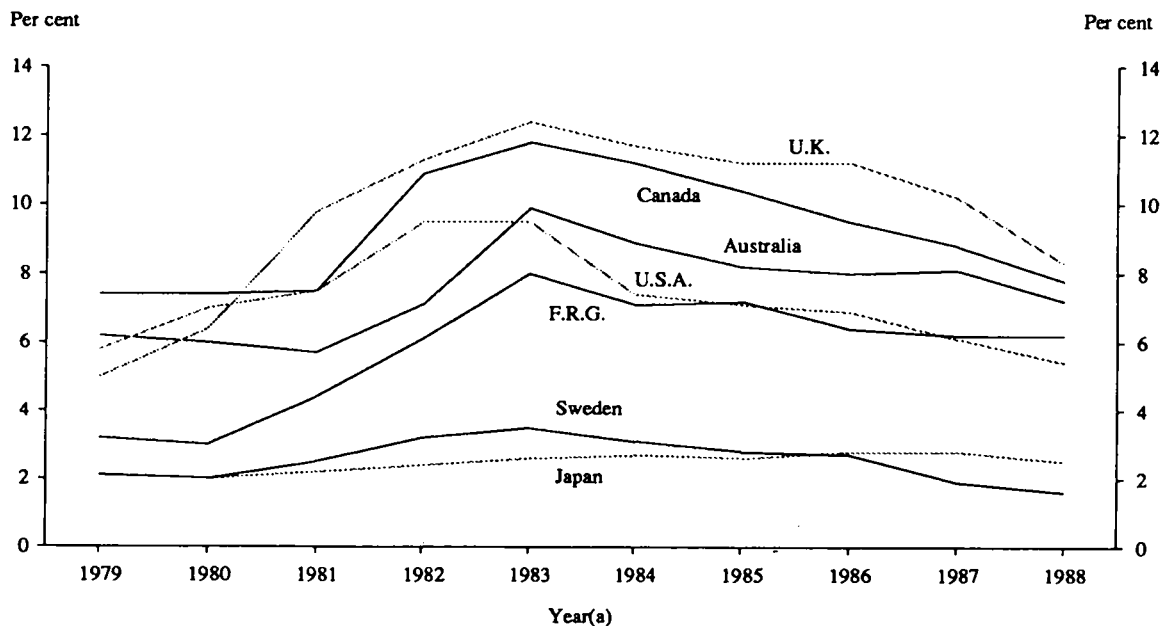
Source: OECD Labour Force Statistics, 1966-1986; OECD Quarterly Labour Force Statistics, 1/1989.

From the table it can be seen that:

- in Australia, the United States of America, Japan and Canada absolute levels of civilian employment increased substantially between 1979 and 1988.
- civilian employment in France declined between 1979 and 1987.
- in terms of the percentage change in employment, Australia, the United States of America, Canada and New Zealand showed the greatest increases over the decade with Japan also showing a substantial increase.
- the Federal Republic of Germany, the United Kingdom, Italy and Sweden showed relatively small percentage increases in civilian employment between 1979 and 1988.

Figure 1 shows standardised unemployment rates for selected countries between 1979 and 1988. For Australia, the United States of America, Canada, Japan and Sweden, standardised unemployment rates are based directly on monthly survey data. For the Federal Republic of Germany, survey data are used to obtain annual or quarterly estimates which are then extrapolated on a monthly basis using registration data. For the United Kingdom the standardised unemployment rate is based on registration data which are adjusted by adding and subtracting various groups estimated from annual surveys.

FIGURE 1. UNEMPLOYED PERSONS: STANDARDISED UNEMPLOYMENT RATES, SELECTED COUNTRIES, 1979 TO 1988



(a) Annual averages.

Source: OECD Quarterly Labour Force Statistics, 1/1989.

From the figure it can be seen that (on the basis of annual averages):

- with the exception of Sweden and Japan, where relatively low rates of unemployment persisted throughout the decade, unemployment rates increased markedly from 1979-1981, peaked between 1982-1983 and thereafter declined steadily.
- in Australia and Canada, the unemployment rate began to climb one year later than in the Federal Republic of Germany and Sweden, and two years later than in the United States of America and the United Kingdom.
- the unemployment rate peaked earliest in the United States of America.

Table 2 shows male and female participation rates in selected countries for the decade 1978-1987. The data are unstandardised. For the United States of America, Japan, France, the Federal Republic of Germany and the United Kingdom, rates are based on the total labour force including all armed forces divided by the total population including all armed forces. The rate for Canada is based on the civilian, non-institutional labour force divided by the civilian, non-institutional population. For Australia the rate is based on the civilian labour force, for Italy it is based on the total labour force excluding conscripts and for Sweden the total labour force excluding conscripts who had not worked prior to conscription.

For Canada, the United States of America, Japan, Australia, the Federal Republic of Germany and Sweden, the estimates are annual averages of monthly estimates, and for Italy they are annual averages of quarterly estimates. For France the data refer to the month of March, and for the United Kingdom population data are monthly averages and labour force data refer to the month of June.

TABLE 2. PARTICIPATION RATES SELECTED COUNTRIES
(PER CENT)

| Year | Australia(a) | U.S.A. (b) | Japan(a) | Federal Republic of Germany(a) | U.K. (b) | France (a) | Italy(c) | Canada(a) | Sweden(b) |
|--------------------------------|--------------|------------|----------|-----------------------------------------|----------|------------|----------|-----------|-----------|
| | | | | | | | | | |
| MALES | | | | | | | | | |
| 1978 | 87.6 | 88.2 | 89.2 | 84.9 | 92.3 | 84.0 | 81.3 | 87.0 | 89.6 |
| 1979 | 87.3 | 88.3 | 89.3 | 84.5 | 91.9 | 83.3 | 81.1 | 87.6 | 89.9 |
| 1980 | 87.6 | 87.8 | 89.0 | 83.6 | 91.5 | 83.4 | 81.2 | 87.6 | 89.8 |
| 1981 | 87.3 | 87.3 | 89.2 | 82.4 | 90.9 | 82.1 | 81.0 | 87.7 | 88.5 |
| 1982 | 86.3 | 88.1 | 89.0 | 81.4 | 89.3 | 81.0 | 78.0 | 86.2 | 88.2 |
| 1983 | 85.5 | 87.0 | 89.0 | 80.6 | 87.7 | 79.7 | 79.1 | 86.0 | 87.7 |
| 1984 | 85.4 | 87.0 | 88.4 | 79.9 | 87.6 | 78.6 | 78.0 | 85.9 | 87.2 |
| 1985 | 85.1 | 87.1 | 87.8 | 79.9 | 87.7 | 78.7 | 77.7 | 86.2 | 87.5 |
| 1986 | 85.1 | 87.2 | 87.5 | 79.7 | 87.0 | 78.2 | 77.7 | 86.5 | 87.5 |
| 1987 | 84.9 | 87.3 | 87.2 | 79.8 | 87.9 | 77.7 | 77.6 | 86.6 | 85.7 |
| Percentage change 1978-1987 | -3.2 | -1.0 | -2.3 | -6.4 | -5.0 | -8.1 | -4.8 | -0.5 | -4.6 |
| FEMALES | | | | | | | | | |
| 1978 | 50.8 | 59.3 | 54.2 | 49.4 | 61.2 | 54.3 | 37.1 | 54.7 | 72.8 |
| 1979 | 50.2 | 60.5 | 54.7 | 49.6 | 61.2 | 55.4 | 38.2 | 56.1 | 74.4 |
| 1980 | 52.5 | 61.3 | 54.9 | 50.0 | 61.7 | 55.6 | 39.2 | 57.9 | 75.8 |
| 1981 | 52.1 | 62.2 | 55.2 | 50.1 | 61.3 | 55.6 | 39.6 | 59.5 | 77.0 |
| 1982 | 51.7 | 63.1 | 55.9 | 50.0 | 60.8 | 56.1 | 40.8 | 59.6 | 77.6 |
| 1983 | 51.7 | 63.4 | 57.2 | 49.7 | 60.2 | 55.8 | 39.8 | 60.8 | 78.3 |
| 1984 | 52.6 | 64.3 | 57.2 | 49.7 | 61.9 | 56.1 | 40.3 | 62.0 | 78.8 |
| 1985 | 54.1 | 65.5 | 57.2 | 50.4 | 62.6 | 56.4 | 40.6 | 63.2 | 79.7 |
| 1986 | 56.4 | 66.5 | 57.4 | 51.1 | 63.2 | 57.2 | 42.0 | 64.3 | 80.5 |
| 1987 | 57.4 | 67.5 | 57.8 | 51.7 | 64.6 | 57.2 | 43.1 | 65.8 | 81.1 |
| Percentage change 1978-1987 | 13.0 | 13.8 | 6.6 | 4.7 | 5.6 | 5.3 | 16.2 | 20.3 | 11.4 |
| PERSONS | | | | | | | | | |
| 1978 | 69.3 | 73.5 | 71.4 | 66.8 | 76.7 | 69.1 | 58.7 | 70.7 | 81.3 |
| 1979 | 68.9 | 74.2 | 71.8 | 66.8 | 76.6 | 69.3 | 59.2 | 71.8 | 82.2 |
| 1980 | 70.1 | 74.3 | 71.8 | 66.7 | 76.6 | 69.5 | 59.8 | 72.6 | 82.9 |
| 1981 | 69.8 | 74.6 | 72.0 | 66.2 | 76.1 | 68.8 | 59.9 | 73.5 | 82.8 |
| 1982 | 69.1 | 75.4 | 72.3 | 65.6 | 75.0 | 68.4 | 59.6 | 72.8 | 83.0 |
| 1983 | 68.7 | 75.0 | 73.0 | 65.1 | 74.0 | 67.7 | 59.1 | 73.3 | 83.0 |
| 1984 | 69.1 | 75.5 | 72.7 | 64.8 | 74.8 | 67.3 | 58.8 | 73.9 | 83.0 |
| 1985 | 69.7 | 76.1 | 72.4 | 65.2 | 75.2 | 67.4 | 58.9 | 74.6 | 83.7 |
| 1986 | 70.9 | 76.7 | 72.4 | 65.5 | 75.1 | 67.6 | 59.5 | 75.3 | 84.0 |
| 1987 | 71.3 | 77.3 | 72.5 | 65.8 | 76.3 | 67.3 | 60.1 | 76.1 | 83.4 |
| Percentage change 1978-1987 | 2.9 | 5.2 | 1.5 | -1.5 | -0.5 | -2.7 | 2.4 | 7.6 | 2.6 |

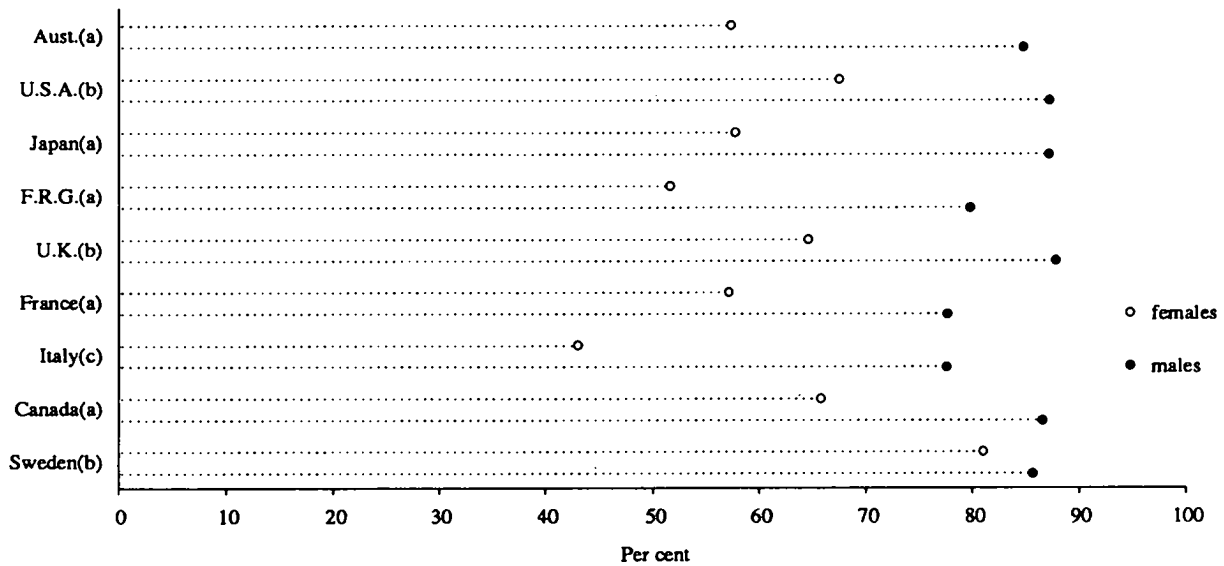
(a) Persons 15 years of age and over. (b) Persons 16 years of age and over. (c) Persons 14 years of age and over.

Source: OECD Labour Force Statistics, 1966-1986.

From the table it can be seen that over the decade 1978 to 1987, although the participation rate for persons decreased in some countries and increased in others, in all countries the participation rate for males decreased and the rate for females increased.

Figure 2 shows male and female participation rates in 1987 for selected countries.

FIGURE 2. PARTICIPATION RATES: SELECTED COUNTRIES, 1987



(a) Persons 15 years and over. (b) Persons 16 years and over. (c) Persons 14 years of age and over.

Source: OECD Labour Force Statistics, 1966-1986.

From the figure it can be seen that:

- the gap between male and female participation rates is smallest for Sweden and greatest for Italy.
- participation rates are spread over a much wider range for females (43% to 81%) than for males (78% to 88%).

For further information contact Bruce McClelland on (062) 52 6525.

TABLES

TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER — continued

| Month | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 15 and over | Unemployment rate | Participation rate | |
|-------------------------------|-------------------|---------|----------------------------------|----------------------------|-------|--------------|---------------------|--------------------------------------|-------------------|--------------------|------|
| | Full-time workers | Total | Aged 15-19 looking for first job | Looking for part-time work | Total | | | | | | |
| | - '000 - | | | | | | | | | | |
| | - per cent - | | | | | | | | | | |
| ALL FEMALES | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | |
| June | 1,784.7 | 2,959.8 | 21.4 | 171.7 | 81.2 | 252.9 | 3,212.7 | 3,260.7 | 6,473.4 | 7.9 | 49.6 |
| July | 1,812.4 | 2,959.3 | 16.9 | 153.2 | 65.6 | 218.8 | 3,178.1 | 3,305.1 | 6,483.2 | 6.9 | 49.0 |
| August | 1,798.1 | 2,971.3 | 17.4 | 165.5 | 67.4 | 233.0 | 3,204.2 | 3,288.6 | 6,492.9 | 7.3 | 49.4 |
| September | 1,847.6 | 3,045.6 | 17.3 | 158.7 | 86.1 | 244.7 | 3,290.4 | 3,212.2 | 6,502.6 | 7.4 | 50.6 |
| October | 1,864.6 | 3,015.4 | 15.4 | 150.1 | 72.0 | 222.1 | 3,237.5 | 3,276.3 | 6,513.9 | 6.9 | 49.7 |
| November | 1,855.6 | 3,039.0 | 14.4 | 147.3 | 70.3 | 217.6 | 3,256.6 | 3,268.6 | 6,525.2 | 6.7 | 49.9 |
| December | 1,896.7 | 3,090.8 | 30.4 | 169.6 | 82.4 | 252.0 | 3,342.9 | 3,193.7 | 6,536.5 | 7.5 | 51.1 |
| 1989 - | | | | | | | | | | | |
| January | 1,868.3 | 2,969.5 | 33.6 | 181.1 | 77.4 | 258.6 | 3,228.1 | 3,320.0 | 6,548.1 | 8.0 | 49.3 |
| February | 1,872.4 | 3,056.4 | 32.7 | 184.7 | 86.9 | 271.5 | 3,327.9 | 3,231.8 | 6,559.7 | 8.2 | 50.7 |
| March | 1,885.0 | 3,107.6 | 19.8 | 159.2 | 93.2 | 252.4 | 3,360.0 | 3,211.3 | 6,571.3 | 7.5 | 51.1 |
| April | 1,890.8 | 3,119.6 | 18.4 | 153.4 | 89.0 | 242.4 | 3,362.0 | 3,220.4 | 6,582.4 | 7.2 | 51.1 |
| May | 1,897.5 | 3,158.0 | 16.7 | 160.0 | 80.1 | 240.0 | 3,398.1 | 3,195.4 | 6,593.5 | 7.1 | 51.5 |
| June | 1,902.9 | 3,149.9 | 17.1 | 147.5 | 69.4 | 216.9 | 3,366.7 | 3,237.9 | 6,604.6 | 6.4 | 51.0 |
| July | 1,922.8 | 3,156.9 | 15.2 | 149.5 | 69.1 | 218.6 | 3,375.5 | 3,238.4 | 6,613.9 | 6.5 | 51.0 |
| August | 1,891.5 | 3,155.7 | 14.8 | 139.4 | 69.3 | 208.7 | 3,364.4 | 3,258.7 | 6,623.1 | 6.2 | 50.8 |
| Standard error of - | | | | | | | | | | | |
| August 1989 estimates | 14.0 | 16.8 | 1.8 | 5.0 | 3.7 | 5.9 | 17.2 | 17.0 | .. | 0.2 | 0.3 |
| July 89 to Aug 1989 movements | 10.6 | 12.7 | 1.7 | 4.1 | 3.0 | 4.7 | 13.0 | 12.9 | .. | 0.1 | 0.2 |
| PERSONS | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | |
| June | 5,883.3 | 7,378.3 | 40.5 | 459.6 | 109.5 | 569.1 | 7,947.3 | 4,827.0 | 12,774.3 | 7.2 | 62.2 |
| July | 5,933.6 | 7,383.1 | 39.5 | 431.5 | 87.3 | 518.8 | 7,901.8 | 4,892.7 | 12,794.6 | 6.6 | 61.8 |
| August | 5,874.6 | 7,353.4 | 36.3 | 445.4 | 93.3 | 538.7 | 7,892.1 | 4,922.5 | 12,814.5 | 6.8 | 61.6 |
| September | 5,981.0 | 7,503.2 | 40.3 | 438.7 | 115.9 | 554.6 | 8,057.7 | 4,776.8 | 12,834.5 | 6.9 | 62.8 |
| October | 6,016.3 | 7,477.3 | 34.9 | 406.0 | 101.9 | 507.9 | 7,985.2 | 4,871.7 | 12,856.9 | 6.4 | 62.1 |
| November | 5,992.6 | 7,508.7 | 34.3 | 391.3 | 97.1 | 488.4 | 7,997.1 | 4,882.2 | 12,879.3 | 6.1 | 62.1 |
| December | 6,103.3 | 7,622.9 | 65.6 | 442.4 | 120.9 | 563.3 | 8,186.2 | 4,715.4 | 12,901.7 | 6.9 | 63.5 |
| 1989 - | | | | | | | | | | | |
| January | 6,015.3 | 7,424.9 | 70.0 | 477.2 | 115.2 | 592.4 | 8,017.3 | 4,907.1 | 12,924.4 | 7.4 | 62.0 |
| February | 6,076.8 | 7,569.7 | 61.2 | 471.6 | 126.5 | 598.1 | 8,167.8 | 4,779.3 | 12,947.1 | 7.3 | 63.1 |
| March | 6,081.4 | 7,638.3 | 34.9 | 416.6 | 129.6 | 546.3 | 8,184.5 | 4,785.4 | 12,969.9 | 6.7 | 63.1 |
| April | 6,113.5 | 7,683.2 | 33.1 | 389.8 | 126.4 | 516.1 | 8,199.4 | 4,792.4 | 12,991.8 | 6.3 | 63.1 |
| May | 6,122.5 | 7,729.3 | 31.0 | 402.8 | 115.7 | 518.5 | 8,247.8 | 4,765.9 | 13,013.6 | 6.3 | 63.4 |
| June | 6,125.3 | 7,720.5 | 29.1 | 378.2 | 99.2 | 477.4 | 8,197.9 | 4,837.7 | 13,035.5 | 5.8 | 62.9 |
| July | 6,172.2 | 7,751.8 | 27.8 | 380.6 | 102.7 | 483.4 | 8,235.1 | 4,820.4 | 13,055.5 | 5.9 | 63.1 |
| August | 6,108.9 | 7,727.6 | 28.3 | 370.1 | 99.3 | 469.4 | 8,197.0 | 4,878.5 | 13,075.4 | 5.7 | 62.7 |
| Standard error of - | | | | | | | | | | | |
| August 1989 estimates | 21.1 | 22.8 | 2.4 | 7.5 | 4.3 | 8.2 | 23.3 | 19.6 | .. | 0.1 | 0.2 |
| July 89 to Aug 1989 movements | 16.3 | 17.8 | 2.2 | 5.8 | 3.5 | 6.3 | 18.2 | 15.0 | .. | 0.1 | 0.1 |

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

| Month | Employed | | Unemployed | | | | Labour force | Unemployment rate | Participation rate |
|----------------------------|-------------------|---------|----------------------------------|-------|----------------------------|-------|--------------|-------------------|--------------------|
| | Full-time workers | Total | Aged 15-19 looking for first job | Total | Looking for part-time work | Total | | | |
| - '000 - | | | | | | | | | |
| - per cent - | | | | | | | | | |
| MALES | | | | | | | | | |
| 1988 - | | | | | | | | | |
| June | 4,105.1 | 4,415.3 | 25.7 | 291.7 | 32.5 | 324.2 | 4,739.4 | 6.8 | 75.2 |
| July | 4,112.3 | 4,422.7 | 25.5 | 287.0 | 30.4 | 317.4 | 4,740.2 | 6.7 | 75.1 |
| August | 4,120.2 | 4,431.7 | 25.4 | 281.7 | 29.2 | 310.9 | 4,742.7 | 6.6 | 75.0 |
| September | 4,129.2 | 4,443.0 | 25.3 | 277.1 | 29.3 | 306.5 | 4,749.5 | 6.5 | 75.0 |
| October | 4,138.8 | 4,455.9 | 25.2 | 274.1 | 30.5 | 304.6 | 4,760.5 | 6.4 | 75.1 |
| November | 4,148.5 | 4,469.0 | 24.9 | 271.9 | 32.1 | 304.0 | 4,773.0 | 6.4 | 75.1 |
| December | 4,159.0 | 4,482.5 | 23.9 | 269.4 | 33.3 | 302.7 | 4,785.2 | 6.3 | 75.2 |
| 1989 - | | | | | | | | | |
| January | 4,171.4 | 4,497.1 | 22.3 | 265.9 | 34.0 | 299.8 | 4,796.9 | 6.3 | 75.2 |
| February r | 4,185.1 | 4,512.5 | 20.3 | 260.7 | 34.3 | 295.0 | 4,807.5 | 6.1 | 75.3 |
| March r | 4,199.5 | 4,529.1 | 18.3 | 254.2 | 34.6 | 288.8 | 4,817.9 | 6.0 | 75.3 |
| April r | 4,213.8 | 4,546.7 | 16.8 | 247.3 | 34.9 | 282.1 | 4,828.9 | 5.8 | 75.3 |
| May r | 4,226.6 | 4,564.3 | 15.9 | 241.0 | 35.1 | 276.1 | 4,840.4 | 5.7 | 75.4 |
| June r | 4,237.4 | 4,580.7 | 15.4 | 236.3 | 35.3 | 271.7 | 4,852.4 | 5.6 | 75.5 |
| July r | 4,246.5 | 4,595.4 | 15.2 | 233.0 | 35.5 | 268.5 | 4,864.0 | 5.5 | 75.5 |
| August | 4,252.9 | 4,607.1 | 15.3 | 231.0 | 35.5 | 266.4 | 4,873.5 | 5.5 | 75.5 |
| MARRIED FEMALES (a) | | | | | | | | | |
| 1988 - | | | | | | | | | |
| June | 968.6 | 1,803.4 | n.a. | 57.9 | 40.6 | 98.4 | 1,901.8 | 5.2 | 49.7 |
| July | 973.6 | 1,812.0 | n.a. | 57.8 | 38.7 | 96.5 | 1,908.5 | 5.1 | 49.7 |
| August | 980.1 | 1,821.5 | n.a. | 58.0 | 37.2 | 95.2 | 1,916.7 | 5.0 | 49.8 |
| September | 986.7 | 1,831.0 | n.a. | 58.3 | 37.1 | 95.4 | 1,926.5 | 5.0 | 50.0 |
| October | 991.7 | 1,839.5 | n.a. | 58.7 | 38.2 | 97.0 | 1,936.5 | 5.0 | 50.2 |
| November | 994.4 | 1,845.6 | n.a. | 58.8 | 40.0 | 98.8 | 1,944.4 | 5.1 | 50.3 |
| December | 994.9 | 1,849.7 | n.a. | 58.3 | 41.4 | 99.7 | 1,949.4 | 5.1 | 50.4 |
| 1989 - | | | | | | | | | |
| January | 995.0 | 1,853.7 | n.a. | 57.1 | 41.9 | 99.0 | 1,952.7 | 5.1 | 50.4 |
| February r | 995.6 | 1,858.5 | n.a. | 55.8 | 41.3 | 97.1 | 1,955.6 | 5.0 | 50.5 |
| March r | 998.6 | 1,865.7 | n.a. | 54.8 | 40.0 | 94.8 | 1,960.4 | 4.8 | 50.6 |
| April r | 1,004.4 | 1,874.6 | n.a. | 54.1 | 38.3 | 92.5 | 1,967.1 | 4.7 | 50.7 |
| May r | 1,011.9 | 1,884.9 | n.a. | 53.8 | 37.0 | 90.7 | 1,975.7 | 4.6 | 50.8 |
| June r | 1,019.5 | 1,896.0 | n.a. | 53.5 | 36.1 | 89.6 | 1,985.6 | 4.5 | 50.9 |
| July r | 1,026.7 | 1,906.7 | n.a. | 53.1 | 35.4 | 88.5 | 1,995.2 | 4.4 | 51.1 |
| August | 1,032.4 | 1,916.4 | n.a. | 52.9 | 35.4 | 88.4 | 2,004.8 | 4.4 | 51.2 |
| ALL FEMALES | | | | | | | | | |
| 1988 - | | | | | | | | | |
| June | 1,811.5 | 2,963.2 | 23.1 | 172.9 | 81.0 | 254.0 | 3,217.1 | 7.9 | 49.7 |
| July | 1,820.4 | 2,974.7 | 22.2 | 171.1 | 78.3 | 249.4 | 3,224.1 | 7.7 | 49.7 |
| August | 1,831.1 | 2,987.0 | 21.2 | 169.3 | 76.8 | 246.1 | 3,233.2 | 7.6 | 49.8 |
| September | 1,842.0 | 3,001.0 | 20.5 | 168.0 | 77.5 | 245.5 | 3,246.5 | 7.6 | 49.9 |
| October | 1,851.3 | 3,016.6 | 20.4 | 167.2 | 80.1 | 247.3 | 3,263.9 | 7.6 | 50.1 |
| November | 1,857.7 | 3,032.0 | 20.6 | 165.9 | 82.9 | 248.9 | 3,280.9 | 7.6 | 50.3 |
| December | 1,861.3 | 3,046.8 | 21.1 | 163.8 | 84.6 | 248.4 | 3,295.3 | 7.5 | 50.4 |
| 1989 - | | | | | | | | | |
| January | 1,864.5 | 3,062.1 | 21.4 | 160.8 | 84.4 | 245.3 | 3,307.3 | 7.4 | 50.5 |
| February r | 1,869.9 | 3,078.2 | 21.3 | 157.8 | 82.4 | 240.2 | 3,318.3 | 7.2 | 50.6 |
| March r | 1,878.9 | 3,095.2 | 20.9 | 155.4 | 79.6 | 235.0 | 3,330.2 | 7.1 | 50.7 |
| April r | 1,890.7 | 3,112.0 | 20.2 | 153.8 | 76.8 | 230.6 | 3,342.6 | 6.9 | 50.8 |
| May r | 1,903.1 | 3,128.9 | 19.5 | 153.0 | 74.9 | 227.9 | 3,356.7 | 6.8 | 50.9 |
| June r | 1,914.6 | 3,146.1 | 19.0 | 152.7 | 74.1 | 226.8 | 3,372.9 | 6.7 | 51.1 |
| July r | 1,924.3 | 3,161.8 | 18.7 | 152.5 | 73.8 | 226.4 | 3,388.1 | 6.7 | 51.2 |
| August | 1,931.5 | 3,175.2 | 18.3 | 152.5 | 74.6 | 227.1 | 3,402.3 | 6.7 | 51.4 |
| PERSONS | | | | | | | | | |
| 1988 - | | | | | | | | | |
| June | 5,916.5 | 7,378.4 | 48.8 | 464.6 | 113.5 | 578.1 | 7,956.6 | 7.3 | 62.3 |
| July | 5,932.7 | 7,397.4 | 47.7 | 458.1 | 108.7 | 566.8 | 7,964.2 | 7.1 | 62.2 |
| August | 5,951.2 | 7,418.8 | 46.6 | 451.0 | 106.0 | 557.0 | 7,975.8 | 7.0 | 62.2 |
| September | 5,971.2 | 7,444.0 | 45.8 | 445.1 | 106.9 | 552.0 | 7,996.0 | 6.9 | 62.3 |
| October | 5,990.1 | 7,472.5 | 45.6 | 441.2 | 110.6 | 551.9 | 8,024.4 | 6.9 | 62.4 |
| November | 6,006.2 | 7,501.0 | 45.5 | 437.8 | 115.0 | 552.9 | 8,053.9 | 6.9 | 62.5 |
| December | 6,020.3 | 7,529.3 | 44.9 | 433.2 | 117.9 | 551.2 | 8,080.5 | 6.8 | 62.6 |
| 1989 - | | | | | | | | | |
| January | 6,035.9 | 7,559.2 | 43.6 | 426.7 | 118.4 | 545.1 | 8,104.3 | 6.7 | 62.7 |
| February r | 6,055.1 | 7,590.6 | 41.6 | 418.5 | 116.7 | 535.2 | 8,125.8 | 6.6 | 62.8 |
| March r | 6,078.5 | 7,624.3 | 39.2 | 409.6 | 114.2 | 523.8 | 8,148.1 | 6.4 | 62.8 |
| April r | 6,104.5 | 7,658.8 | 37.0 | 401.0 | 111.6 | 512.7 | 8,171.4 | 6.3 | 62.9 |
| May r | 6,129.7 | 7,693.1 | 35.4 | 394.0 | 110.0 | 504.0 | 8,197.1 | 6.1 | 63.0 |
| June r | 6,152.0 | 7,726.8 | 34.4 | 389.0 | 109.4 | 498.5 | 8,225.3 | 6.1 | 63.1 |
| July r | 6,170.8 | 7,757.2 | 33.9 | 385.5 | 109.4 | 494.9 | 8,252.1 | 6.0 | 63.2 |
| August | 6,184.5 | 7,782.2 | 33.7 | 383.5 | 110.1 | 493.6 | 8,275.8 | 6.0 | 63.3 |

(a) See Explanatory Notes, Paragraph 32, Appendix B

TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
MARITAL STATUS, AUGUST 1989

| | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 15 and over | Unemployment rate | Participation rate |
|-------------|-------------------|---------|----------------------------|----------------------------|-------|--------------|---------------------|--------------------------------------|-------------------|--------------------|
| | Full-time workers | Total | Looking for full-time work | Looking for part-time work | Total | | | | | |
| | - '000 - | | | | | | | | - per cent - | |
| Males | 4,217.5 | 4,571.9 | 230.7 | 30.0 | 260.7 | 4,832.6 | 1,619.7 | 6,452.3 | 5.4 | 74.9 |
| Married | 2,823.1 | 2,955.6 | 103.6 | 3.9 | 107.5 | 3,063.2 | 899.2 | 3,962.4 | 3.5 | 77.3 |
| Not married | 1,394.4 | 1,616.2 | 127.1 | 26.1 | 153.2 | 1,769.4 | 720.5 | 2,489.9 | 8.7 | 71.1 |
| Females | 1,891.5 | 3,155.7 | 139.4 | 69.3 | 208.7 | 3,364.4 | 3,258.7 | 6,623.1 | 6.2 | 50.8 |
| Married | 1,022.4 | 1,926.9 | 46.6 | 32.7 | 79.3 | 2,006.2 | 1,917.4 | 3,923.6 | 4.0 | 51.1 |
| Not married | 869.1 | 1,228.8 | 92.8 | 36.6 | 129.4 | 1,358.2 | 1,341.3 | 2,699.5 | 9.5 | 50.3 |
| Persons | 6,108.9 | 7,727.6 | 370.1 | 99.3 | 469.4 | 8,197.0 | 4,878.5 | 13,075.4 | 5.7 | 62.7 |

TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATES AND TERRITORIES, AUGUST 1989

| State or Territory | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 15 and over | Unemployment rate | Participation rate |
|------------------------------|-------------------|---------|----------------------------|----------------------------|-------|--------------|---------------------|--------------------------------------|-------------------|--------------------|
| | Full-time workers | Total | Looking for full-time work | Looking for part-time work | Total | | | | | |
| | - '000 - | | | | | | | | - per cent - | |
| MALES | | | | | | | | | | |
| New South Wales | 1,426.6 | 1,543.7 | 79.7 | 10.4 | 90.0 | 1,633.7 | 575.5 | 2,209.2 | 5.5 | 73.9 |
| Victoria | 1,108.2 | 1,197.8 | 42.5 | 7.2 | 49.7 | 1,247.5 | 414.8 | 1,662.3 | 4.0 | 75.0 |
| Queensland | 701.2 | 764.2 | 43.1 | 6.1 | 49.3 | 813.5 | 268.3 | 1,081.7 | 6.1 | 75.2 |
| South Australia | 353.4 | 384.2 | 25.7 | 2.2 | 27.8 | 412.0 | 143.1 | 555.1 | 6.8 | 74.2 |
| Western Australia | 415.7 | 448.4 | 22.2 | 3.1 | 25.3 | 473.8 | 141.0 | 614.8 | 5.3 | 77.1 |
| Tasmania | 106.3 | 115.8 | 9.9 | * 0.5 | 10.3 | 126.1 | 44.3 | 170.3 | 8.2 | 74.0 |
| Northern Territory | 37.7 | 40.3 | 4.4 | * 0.1 | 4.5 | 44.8 | 13.3 | 58.1 | 10.0 | 77.1 |
| Australian Capital Territory | 68.4 | 77.4 | 3.4 | * 0.5 | 3.9 | 81.3 | 19.5 | 100.7 | 4.7 | 80.7 |
| Australia | 4,217.5 | 4,571.9 | 230.7 | 30.0 | 260.7 | 4,832.6 | 1,619.7 | 6,452.3 | 5.4 | 74.9 |
| FEMALES | | | | | | | | | | |
| New South Wales | 654.0 | 1,036.9 | 50.2 | 23.5 | 73.7 | 1,110.6 | 1,170.2 | 2,280.8 | 6.6 | 48.7 |
| Victoria | 516.8 | 852.0 | 24.8 | 19.1 | 43.9 | 895.9 | 826.8 | 1,722.7 | 4.9 | 52.0 |
| Queensland | 301.8 | 517.0 | 29.6 | 11.6 | 41.2 | 558.1 | 543.3 | 1,101.4 | 7.4 | 50.7 |
| South Australia | 147.7 | 271.2 | 13.4 | 5.0 | 18.4 | 289.7 | 281.7 | 571.3 | 6.4 | 50.7 |
| Western Australia | 164.9 | 302.9 | 12.4 | 7.0 | 19.3 | 322.2 | 290.3 | 612.6 | 6.0 | 52.6 |
| Tasmania | 40.9 | 77.3 | 5.5 | 1.4 | 6.9 | 84.2 | 91.9 | 176.2 | 8.2 | 47.8 |
| Northern Territory | 22.9 | 31.3 | * 1.8 | * 0.7 | 2.5 | 33.8 | 19.3 | 53.1 | 7.3 | 63.6 |
| Australian Capital Territory | 42.5 | 67.2 | 1.6 | * 1.0 | 2.7 | 69.8 | 35.1 | 105.0 | 3.8 | 66.5 |
| Australia | 1,891.5 | 3,155.7 | 139.4 | 69.3 | 208.7 | 3,364.4 | 3,258.7 | 6,623.1 | 6.2 | 50.8 |
| PERSONS | | | | | | | | | | |
| New South Wales | 2,080.6 | 2,580.6 | 129.9 | 33.8 | 163.7 | 2,744.3 | 1,745.7 | 4,490.0 | 6.0 | 61.1 |
| Victoria | 1,625.1 | 2,049.8 | 67.2 | 26.3 | 93.6 | 2,143.4 | 1,241.6 | 3,385.0 | 4.4 | 63.3 |
| Queensland | 1,003.0 | 1,281.2 | 72.7 | 17.7 | 90.4 | 1,371.6 | 811.6 | 2,183.2 | 6.6 | 62.8 |
| South Australia | 501.1 | 655.4 | 39.1 | 7.2 | 46.3 | 701.7 | 424.7 | 1,126.4 | 6.6 | 62.3 |
| Western Australia | 580.5 | 751.4 | 34.6 | 10.1 | 44.7 | 796.0 | 431.4 | 1,227.4 | 5.6 | 64.9 |
| Tasmania | 147.2 | 193.0 | 15.4 | 1.9 | 17.2 | 210.3 | 136.2 | 346.5 | 8.2 | 60.7 |
| Northern Territory | 60.6 | 71.6 | 6.2 | * 0.8 | 6.9 | 78.6 | 32.6 | 111.2 | 8.8 | 70.6 |
| Australian Capital Territory | 110.9 | 144.6 | 5.0 | 1.5 | 6.5 | 151.1 | 54.6 | 205.7 | 4.3 | 73.4 |
| Australia | 6,108.9 | 7,727.6 | 370.1 | 99.3 | 469.4 | 8,197.0 | 4,878.5 | 13,075.4 | 5.7 | 62.7 |

TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATE CAPITAL CITIES(a), AUGUST 1989

| Capital city | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 15 and over | Unemployment rate | Participation rate |
|----------------|-------------------|----------------|----------------------------|----------------------------|--------------|----------------|---------------------|--------------------------------------|-------------------|--------------------|
| | Full-time workers | Total | Looking for full-time work | Looking for part-time work | Total | | | | | |
| - '000 - | | | | | | | | | | |
| - per cent - | | | | | | | | | | |
| MALES | | | | | | | | | | |
| Sydney | 925.1 | 997.6 | 38.3 | 7.4 | 45.7 | 1,043.3 | 355.2 | 1,398.5 | 4.4 | 74.6 |
| Melbourne | 803.9 | 867.7 | 26.6 | 6.2 | 32.8 | 900.4 | 281.0 | 1,181.4 | 3.6 | 76.2 |
| Brisbane | 321.7 | 353.5 | 15.6 | 3.7 | 19.3 | 372.7 | 114.5 | 487.2 | 5.2 | 76.5 |
| Adelaide | 255.4 | 278.3 | 17.9 | * 1.7 | 19.6 | 298.0 | 105.1 | 403.0 | 6.6 | 73.9 |
| Perth | 289.0 | 313.2 | 17.1 | 2.7 | 19.9 | 333.0 | 107.2 | 440.3 | 6.0 | 75.6 |
| Hobart | 40.5 | 44.1 | 4.3 | * 0.4 | 4.7 | 48.8 | 19.2 | 68.0 | 9.6 | 71.7 |
| Total | 2,635.4 | 2,854.3 | 119.9 | 22.1 | 142.0 | 2,996.3 | 982.2 | 3,978.4 | 4.7 | 75.3 |
| FEMALES | | | | | | | | | | |
| Sydney | 462.7 | 709.2 | 25.9 | 13.7 | 39.7 | 748.8 | 708.6 | 1,457.4 | 5.3 | 51.4 |
| Melbourne | 401.6 | 631.9 | 12.0 | 13.6 | 25.6 | 657.5 | 575.0 | 1,232.5 | 3.9 | 53.3 |
| Brisbane | 151.7 | 249.7 | 12.1 | 6.1 | 18.2 | 267.9 | 249.0 | 516.9 | 6.8 | 51.8 |
| Adelaide | 113.9 | 201.4 | 10.4 | 4.3 | 14.6 | 216.1 | 209.6 | 425.7 | 6.8 | 50.8 |
| Perth | 126.5 | 224.4 | 9.0 | 5.6 | 14.6 | 239.0 | 219.8 | 458.8 | 6.1 | 52.1 |
| Hobart | 18.8 | 33.8 | 1.8 | * 0.9 | 2.6 | 36.4 | 35.8 | 72.3 | 7.2 | 50.4 |
| Total | 1,275.2 | 2,050.4 | 71.2 | 44.1 | 115.3 | 2,165.7 | 1,997.9 | 4,163.6 | 5.3 | 52.0 |
| PERSONS | | | | | | | | | | |
| Sydney | 1,387.8 | 1,706.8 | 64.3 | 21.1 | 85.4 | 1,792.1 | 1,063.8 | 2,855.9 | 4.8 | 62.8 |
| Melbourne | 1,205.5 | 1,499.6 | 38.6 | 19.8 | 58.4 | 1,558.0 | 855.9 | 2,413.9 | 3.7 | 64.5 |
| Brisbane | 473.4 | 603.2 | 27.7 | 9.8 | 37.5 | 640.7 | 363.5 | 1,004.1 | 5.9 | 63.8 |
| Adelaide | 369.3 | 479.7 | 28.3 | 6.0 | 34.3 | 514.0 | 314.7 | 828.7 | 6.7 | 62.0 |
| Perth | 415.4 | 537.6 | 26.1 | 8.3 | 34.4 | 572.0 | 327.1 | 899.1 | 6.0 | 63.6 |
| Hobart | 59.3 | 77.9 | 6.1 | * 1.2 | 7.3 | 85.2 | 55.1 | 140.3 | 8.6 | 60.7 |
| Total | 3,910.6 | 4,904.7 | 191.1 | 66.2 | 257.3 | 5,162.0 | 2,980.0 | 8,142.0 | 5.0 | 63.4 |

(a) Consists of capital city statistical divisions. See the Glossary, Appendix A.

TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
AUSTRALIAN CAPITAL TERRITORY, AUGUST 1989

| | Persons | | | | | | | Total |
|-------------------------------------------------|---------|---------|-------|------------|------------|------------------|-------|-------|
| | Males | Females | | Aged 15-19 | Aged 20-24 | Aged 25 and over | | |
| | | Married | Total | | | | | |
| - '000 - | | | | | | | | |
| Employed | 77.4 | 40.8 | 67.2 | 14.1 | 22.3 | 108.2 | 144.6 | |
| Full-time workers | 68.4 | 25.2 | 42.5 | 5.2 | 16.4 | 89.3 | 110.9 | |
| Part-time workers | 9.0 | 15.5 | 24.7 | 8.9 | 5.8 | 18.9 | 33.7 | |
| Unemployed | 3.9 | * 1.0 | 2.7 | 1.7 | * 0.8 | 4.0 | 6.5 | |
| Looking for full-time work | 3.4 | * 0.6 | 1.6 | * 0.8 | * 0.7 | 3.4 | 5.0 | |
| Looking for part-time work | * 0.5 | * 0.4 | * 1.0 | * 0.9 | * 0.2 | * 0.5 | 1.5 | |
| Labour force | 81.3 | 41.8 | 69.8 | 15.8 | 23.1 | 112.2 | 151.1 | |
| Not in labour force | 19.5 | 20.6 | 35.1 | 9.8 | 3.3 | 41.6 | 54.6 | |
| Aged 15-19 attending school (a) | 4.2 | * 0.0 | 3.6 | 7.8 | .. | .. | 7.8 | |
| Civilian population | 100.7 | 62.3 | 105.0 | 25.5 | 26.4 | 153.8 | 205.7 | |
| - per cent - | | | | | | | | |
| Unemployment rate | 4.7 | * 2.4 | 3.8 | 10.7 | * 3.7 | 3.6 | 4.3 | |
| Looking for full-time work | 4.7 | * 2.3 | 3.7 | * 13.9 | * 4.1 | 3.7 | 4.3 | |
| Participation rate | 80.7 | 67.0 | 66.5 | 61.8 | 87.5 | 73.0 | 73.4 | |
| Employment/population ratio | 76.8 | 65.4 | 64.0 | 55.1 | 84.3 | 70.4 | 70.3 | |
| - number - | | | | | | | | |
| Average weekly hours worked by employed persons | 37.7 | 29.2 | 29.3 | 20.1 | 32.1 | 36.0 | 33.8 | |
| Average duration of unemployment (weeks) | 52.6 | * 20.4 | 34.1 | * 28.9 | * 8.8 | 59.6 | 45.0 | |

(a) Excludes persons in institutions such as hospitals, gaols, sanatoriums, etc.

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES

| Month | Males | | | | | Females | | | | | Persons | | | | |
|-----------------|----------|------------|--------------|-------------------|--------------------|----------|------------|--------------|-------------------|--------------------|----------|------------|--------------|-------------------|--------------------|
| | Employed | Unemployed | Labour force | Unemployment rate | Participation rate | Employed | Unemployed | Labour force | Unemployment rate | Participation rate | Employed | Unemployed | Labour force | Unemployment rate | Participation rate |
| | - '000 - | | | - per cent - | | - '000 - | | | - per cent - | | - '000 - | | | - per cent - | |
| NEW SOUTH WALES | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 1,501.3 | 114.3 | 1,615.6 | 7.1 | 74.4 | 1,008.2 | 87.3 | 1,095.5 | 8.0 | 48.8 | 2,509.5 | 201.6 | 2,711.1 | 7.4 | 61.4 |
| July | 1,499.7 | 113.2 | 1,612.9 | 7.0 | 74.2 | 1,010.9 | 75.3 | 1,086.3 | 6.9 | 48.4 | 2,510.6 | 188.6 | 2,699.2 | 7.0 | 61.1 |
| August | 1,504.1 | 114.2 | 1,618.3 | 7.1 | 74.3 | 1,024.6 | 82.1 | 1,106.7 | 7.4 | 49.2 | 2,528.7 | 196.3 | 2,725.1 | 7.2 | 61.6 |
| September | 1,498.5 | 113.6 | 1,612.0 | 7.0 | 74.0 | 1,019.7 | 80.7 | 1,100.5 | 7.3 | 48.9 | 2,518.2 | 194.3 | 2,712.5 | 7.2 | 61.2 |
| October | 1,510.0 | 109.7 | 1,619.7 | 6.8 | 74.2 | 1,023.1 | 79.1 | 1,102.3 | 7.2 | 48.9 | 2,533.1 | 188.9 | 2,722.0 | 6.9 | 61.4 |
| November | 1,508.8 | 103.5 | 1,612.3 | 6.4 | 73.8 | 1,014.0 | 81.9 | 1,095.9 | 7.5 | 48.6 | 2,522.8 | 185.4 | 2,708.2 | 6.8 | 61.0 |
| December | 1,506.4 | 110.2 | 1,616.7 | 6.8 | 73.9 | 1,014.6 | 83.1 | 1,097.7 | 7.6 | 48.6 | 2,521.1 | 193.4 | 2,714.4 | 7.1 | 61.0 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 1,505.3 | 113.0 | 1,618.3 | 7.0 | 73.9 | 1,026.4 | 82.1 | 1,108.6 | 7.4 | 49.0 | 2,531.7 | 195.1 | 2,726.8 | 7.2 | 61.2 |
| February | 1,515.7 | 106.5 | 1,622.1 | 6.6 | 73.9 | 1,032.2 | 74.5 | 1,106.7 | 6.7 | 48.8 | 2,547.8 | 181.0 | 2,728.8 | 6.6 | 61.2 |
| March | 1,505.6 | 101.9 | 1,607.5 | 6.3 | 73.2 | 1,020.9 | 77.4 | 1,098.4 | 7.0 | 48.4 | 2,526.6 | 179.3 | 2,705.8 | 6.6 | 60.6 |
| April | 1,527.3 | 95.9 | 1,623.2 | 5.9 | 73.8 | 1,032.3 | 78.0 | 1,110.3 | 7.0 | 48.9 | 2,559.6 | 173.9 | 2,733.6 | 6.4 | 61.1 |
| May | 1,536.2 | 101.5 | 1,637.7 | 6.2 | 74.4 | 1,051.1 | 84.5 | 1,135.6 | 7.4 | 49.9 | 2,587.3 | 186.0 | 2,773.3 | 6.7 | 62.0 |
| June | 1,538.1 | 96.7 | 1,634.8 | 5.9 | 74.2 | 1,045.1 | 76.2 | 1,121.3 | 6.8 | 49.2 | 2,583.2 | 173.0 | 2,756.1 | 6.3 | 61.5 |
| July | 1,554.7 | 97.4 | 1,652.1 | 5.9 | 74.9 | 1,049.1 | 82.5 | 1,131.7 | 7.3 | 49.7 | 2,603.8 | 180.0 | 2,783.8 | 6.5 | 62.1 |
| August | 1,564.1 | 91.1 | 1,655.2 | 5.5 | 74.9 | 1,050.5 | 78.5 | 1,129.0 | 7.0 | 49.5 | 2,614.6 | 169.6 | 2,784.2 | 6.1 | 62.0 |
| VICTORIA | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 1,163.1 | 62.9 | 1,225.9 | 5.1 | 75.2 | 784.0 | 64.7 | 848.7 | 7.6 | 50.2 | 1,947.1 | 127.6 | 2,074.6 | 6.1 | 62.5 |
| July | 1,161.4 | 60.4 | 1,221.8 | 4.9 | 74.8 | 777.2 | 54.3 | 831.5 | 6.5 | 49.1 | 1,938.5 | 114.7 | 2,053.3 | 5.6 | 61.7 |
| August | 1,145.2 | 59.5 | 1,204.8 | 4.9 | 73.7 | 794.6 | 63.4 | 858.0 | 7.4 | 50.6 | 1,939.8 | 123.0 | 2,062.8 | 6.0 | 61.9 |
| September | 1,161.0 | 57.6 | 1,218.5 | 4.7 | 74.4 | 807.3 | 59.6 | 866.9 | 6.9 | 51.1 | 1,968.2 | 117.2 | 2,085.4 | 5.6 | 62.6 |
| October | 1,164.8 | 61.0 | 1,225.8 | 5.0 | 74.8 | 797.1 | 55.9 | 853.0 | 6.6 | 50.2 | 1,961.8 | 117.0 | 2,078.8 | 5.6 | 62.3 |
| November | 1,170.2 | 55.1 | 1,225.2 | 4.5 | 74.6 | 815.8 | 53.6 | 869.4 | 6.2 | 51.1 | 1,985.9 | 108.7 | 2,094.6 | 5.2 | 62.6 |
| December | 1,171.9 | 58.6 | 1,230.4 | 4.8 | 74.8 | 826.5 | 55.9 | 882.4 | 6.3 | 51.8 | 1,998.4 | 114.5 | 2,112.9 | 5.4 | 63.1 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 1,167.6 | 58.9 | 1,226.5 | 4.8 | 74.5 | 822.3 | 57.7 | 880.0 | 6.6 | 51.6 | 1,989.9 | 116.5 | 2,106.4 | 5.5 | 62.8 |
| February | 1,185.6 | 63.4 | 1,249.0 | 5.1 | 75.7 | 833.0 | 60.1 | 893.1 | 6.7 | 52.3 | 2,018.7 | 123.5 | 2,142.1 | 5.8 | 63.8 |
| March | 1,183.4 | 57.4 | 1,240.8 | 4.6 | 75.1 | 827.0 | 49.5 | 876.4 | 5.6 | 51.2 | 2,010.4 | 106.9 | 2,117.2 | 5.0 | 63.0 |
| April | 1,208.1 | 55.0 | 1,263.1 | 4.4 | 76.4 | 828.1 | 52.1 | 880.2 | 5.9 | 51.4 | 2,036.2 | 107.1 | 2,143.3 | 5.0 | 63.6 |
| May | 1,209.9 | 50.8 | 1,260.8 | 4.0 | 76.1 | 845.7 | 57.6 | 903.3 | 6.4 | 52.6 | 2,055.6 | 108.5 | 2,164.1 | 5.0 | 64.2 |
| June | 1,207.2 | 44.7 | 1,251.9 | 3.6 | 75.5 | 847.4 | 55.4 | 902.7 | 6.1 | 52.5 | 2,054.5 | 100.1 | 2,154.6 | 4.6 | 63.8 |
| July | 1,206.3 | 51.8 | 1,258.1 | 4.1 | 75.8 | 843.3 | 50.9 | 894.3 | 5.7 | 52.0 | 2,049.7 | 102.7 | 2,152.4 | 4.8 | 63.7 |
| August | 1,200.2 | 51.8 | 1,252.0 | 4.1 | 75.3 | 859.3 | 48.1 | 907.4 | 5.3 | 52.7 | 2,059.6 | 99.8 | 2,159.4 | 4.6 | 63.8 |
| QUEENSLAND | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 724.9 | 58.6 | 783.4 | 7.5 | 75.5 | 465.2 | 47.8 | 513.0 | 9.3 | 48.5 | 1,190.1 | 106.3 | 1,296.4 | 8.2 | 61.9 |
| July | 730.4 | 55.5 | 786.0 | 7.1 | 75.6 | 471.2 | 40.9 | 512.1 | 8.0 | 48.3 | 1,201.7 | 96.4 | 1,298.1 | 7.4 | 61.8 |
| August | 730.1 | 57.1 | 787.2 | 7.3 | 75.5 | 474.1 | 43.3 | 517.4 | 8.4 | 48.7 | 1,204.2 | 100.4 | 1,304.6 | 7.7 | 61.9 |
| September | 737.7 | 60.8 | 798.5 | 7.6 | 76.3 | 478.0 | 47.9 | 525.8 | 9.1 | 49.3 | 1,215.7 | 108.7 | 1,324.4 | 8.2 | 62.7 |
| October | 744.0 | 53.6 | 797.6 | 6.7 | 76.0 | 480.0 | 46.3 | 526.3 | 8.8 | 49.2 | 1,224.0 | 99.9 | 1,323.9 | 7.5 | 62.5 |
| November | 747.7 | 55.0 | 802.6 | 6.8 | 76.3 | 473.9 | 45.4 | 519.3 | 8.7 | 48.4 | 1,221.6 | 100.3 | 1,321.9 | 7.6 | 62.2 |
| December | 750.5 | 55.8 | 806.2 | 6.9 | 76.4 | 490.5 | 46.3 | 536.7 | 8.6 | 49.9 | 1,240.9 | 102.0 | 1,343.0 | 7.6 | 63.0 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 754.7 | 55.8 | 810.6 | 6.9 | 76.6 | 502.1 | 49.3 | 551.4 | 8.9 | 51.1 | 1,256.8 | 105.1 | 1,361.9 | 7.7 | 63.7 |
| February | 756.5 | 57.2 | 813.8 | 7.0 | 76.7 | 499.4 | 44.1 | 543.5 | 8.1 | 50.3 | 1,256.0 | 101.3 | 1,357.3 | 7.5 | 63.3 |
| March | 752.6 | 50.7 | 803.3 | 6.3 | 75.5 | 498.7 | 39.5 | 538.3 | 7.3 | 49.6 | 1,251.4 | 90.3 | 1,341.6 | 6.7 | 62.4 |
| April | 754.5 | 52.4 | 806.9 | 6.5 | 75.5 | 503.6 | 43.6 | 547.2 | 8.0 | 50.3 | 1,258.1 | 96.0 | 1,354.1 | 7.1 | 62.8 |
| May | 762.6 | 49.8 | 812.4 | 6.1 | 75.8 | 513.2 | 43.8 | 557.1 | 7.9 | 51.0 | 1,275.8 | 93.7 | 1,369.5 | 6.8 | 63.3 |
| June | 762.6 | 51.2 | 813.7 | 6.3 | 75.7 | 517.7 | 41.0 | 558.7 | 7.3 | 51.0 | 1,280.3 | 92.2 | 1,372.5 | 6.7 | 63.2 |
| July | 764.0 | 50.4 | 814.4 | 6.2 | 75.5 | 517.8 | 42.3 | 560.1 | 7.5 | 51.0 | 1,281.8 | 92.7 | 1,374.5 | 6.7 | 63.2 |
| August | 767.3 | 51.1 | 818.3 | 6.2 | 75.6 | 519.0 | 45.2 | 564.2 | 8.0 | 51.2 | 1,286.3 | 96.2 | 1,382.5 | 7.0 | 63.3 |

TABLE 8. CIVILIAN LABOUR FORCE, STATES: SEASONALLY ADJUSTED SERIES -- continued

| Month | Males | | | | | Females | | | | | Persons | | | | |
|-------------------|----------|------------|--------------|---------------------------|----------------------------|----------|------------|--------------|---------------------------|----------------------------|----------|------------|--------------|---------------------------|----------------------------|
| | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate |
| | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | |
| SOUTH AUSTRALIA | | | | | | | | | | | | | | | |
| 988 - | | | | | | | | | | | | | | | |
| June | 364.7 | 36.1 | 400.9 | 9.0 | 73.4 | 254.7 | 25.3 | 280.0 | 9.0 | 49.7 | 619.5 | 61.4 | 680.9 | 9.0 | 61.4 |
| July | 370.3 | 35.2 | 405.5 | 8.7 | 74.2 | 253.3 | 23.5 | 276.7 | 8.5 | 49.1 | 623.5 | 58.7 | 682.2 | 8.6 | 61.4 |
| August | 370.2 | 33.1 | 403.2 | 8.2 | 73.7 | 257.0 | 25.1 | 282.0 | 8.9 | 50.0 | 627.1 | 58.1 | 685.2 | 8.5 | 61.6 |
| September | 372.1 | 32.3 | 404.3 | 8.0 | 73.8 | 256.8 | 24.0 | 280.9 | 8.6 | 49.7 | 628.9 | 56.3 | 685.2 | 8.2 | 61.6 |
| October | 375.3 | 32.0 | 407.4 | 7.9 | 74.3 | 258.4 | 23.2 | 281.6 | 8.2 | 49.8 | 633.7 | 55.3 | 689.0 | 8.0 | 61.9 |
| November | 380.3 | 31.0 | 411.3 | 7.5 | 74.9 | 258.3 | 22.7 | 281.0 | 8.1 | 49.6 | 638.5 | 53.8 | 692.3 | 7.8 | 62.1 |
| December | 375.6 | 32.1 | 407.7 | 7.9 | 74.2 | 260.1 | 22.2 | 282.4 | 7.9 | 49.8 | 635.7 | 54.3 | 690.1 | 7.9 | 61.8 |
| 989 - | | | | | | | | | | | | | | | |
| January | 378.1 | 33.0 | 411.1 | 8.0 | 74.7 | 263.4 | 23.8 | 287.1 | 8.3 | 50.6 | 641.5 | 56.7 | 698.3 | 8.1 | 62.5 |
| February | 378.8 | 32.4 | 411.2 | 7.9 | 74.6 | 263.8 | 24.0 | 287.8 | 8.3 | 50.7 | 642.5 | 56.4 | 698.9 | 8.1 | 62.5 |
| March | 379.4 | 30.0 | 409.4 | 7.3 | 74.2 | 267.8 | 18.5 | 286.2 | 6.4 | 50.3 | 647.2 | 48.5 | 695.6 | 7.0 | 62.1 |
| April | 381.6 | 32.2 | 413.8 | 7.8 | 74.9 | 266.2 | 19.9 | 286.1 | 6.9 | 50.2 | 647.8 | 52.1 | 699.9 | 7.4 | 62.4 |
| May | 380.7 | 34.8 | 415.5 | 8.4 | 75.1 | 266.0 | 22.4 | 288.4 | 7.8 | 50.6 | 646.7 | 57.1 | 703.8 | 8.1 | 62.6 |
| June | 382.1 | 30.2 | 412.3 | 7.3 | 74.4 | 265.1 | 22.0 | 287.1 | 7.7 | 50.3 | 647.3 | 52.2 | 699.4 | 7.5 | 62.2 |
| July | 383.3 | 32.3 | 415.5 | 7.8 | 74.9 | 267.2 | 21.4 | 288.6 | 7.4 | 50.5 | 650.4 | 53.7 | 704.1 | 7.6 | 62.6 |
| August | 389.7 | 27.6 | 417.4 | 6.6 | 75.2 | 275.6 | 19.0 | 294.6 | 6.5 | 51.6 | 665.3 | 46.7 | 712.0 | 6.6 | 63.2 |
| WESTERN AUSTRALIA | | | | | | | | | | | | | | | |
| 988 - | | | | | | | | | | | | | | | |
| June | 428.7 | 33.3 | 461.9 | 7.2 | 78.1 | 281.3 | 24.5 | 305.8 | 8.0 | 51.9 | 710.0 | 57.8 | 767.7 | 7.5 | 65.0 |
| July | 433.0 | 27.7 | 460.7 | 6.0 | 77.6 | 277.5 | 23.7 | 301.3 | 7.9 | 51.0 | 710.6 | 51.4 | 762.0 | 6.7 | 64.3 |
| August | 434.2 | 29.0 | 463.2 | 6.3 | 77.8 | 284.2 | 23.7 | 308.0 | 7.7 | 52.0 | 718.4 | 52.7 | 771.1 | 6.8 | 64.9 |
| September | 437.6 | 29.6 | 467.2 | 6.3 | 78.3 | 289.5 | 22.9 | 312.4 | 7.3 | 52.6 | 727.1 | 52.5 | 779.6 | 6.7 | 65.5 |
| October | 439.7 | 29.2 | 468.9 | 6.2 | 78.4 | 287.1 | 22.9 | 310.0 | 7.4 | 52.0 | 726.8 | 52.1 | 778.9 | 6.7 | 65.2 |
| November | 441.1 | 28.9 | 470.1 | 6.2 | 78.3 | 288.8 | 25.7 | 314.5 | 8.2 | 52.6 | 729.9 | 54.6 | 784.5 | 7.0 | 65.5 |
| December | 444.1 | 28.4 | 472.5 | 6.0 | 78.5 | 289.3 | 24.6 | 313.9 | 7.8 | 52.4 | 733.4 | 53.0 | 786.4 | 6.7 | 65.5 |
| 989 - | | | | | | | | | | | | | | | |
| January | 445.8 | 27.2 | 473.0 | 5.8 | 78.4 | 300.1 | 23.1 | 323.2 | 7.2 | 53.8 | 745.9 | 50.4 | 796.2 | 6.3 | 66.1 |
| February | 447.9 | 25.6 | 473.5 | 5.4 | 78.2 | 301.7 | 20.7 | 322.3 | 6.4 | 53.5 | 749.6 | 46.3 | 795.8 | 5.8 | 65.9 |
| March | 446.6 | 25.0 | 471.6 | 5.3 | 77.7 | 293.2 | 20.7 | 313.9 | 6.6 | 51.9 | 739.8 | 45.6 | 785.5 | 5.8 | 64.8 |
| April | 448.0 | 22.7 | 470.7 | 4.8 | 77.4 | 301.4 | 19.9 | 321.2 | 6.2 | 53.0 | 749.4 | 42.6 | 792.0 | 5.4 | 65.2 |
| May | 447.9 | 22.9 | 470.9 | 4.9 | 77.2 | 299.8 | 19.4 | 319.3 | 6.1 | 52.5 | 747.7 | 42.4 | 790.1 | 5.4 | 64.9 |
| June | 441.4 | 26.1 | 467.5 | 5.6 | 76.5 | 300.2 | 19.3 | 319.5 | 6.0 | 52.4 | 741.6 | 45.4 | 786.9 | 5.8 | 64.5 |
| July | 449.7 | 23.8 | 473.5 | 5.0 | 77.2 | 297.4 | 19.9 | 317.3 | 6.3 | 51.9 | 747.1 | 43.7 | 790.8 | 5.5 | 64.6 |
| August | 450.5 | 25.5 | 476.0 | 5.4 | 77.4 | 307.4 | 21.0 | 328.3 | 6.4 | 53.6 | 757.9 | 46.5 | 804.4 | 5.8 | 65.5 |
| TASHMANIA | | | | | | | | | | | | | | | |
| 988 - | | | | | | | | | | | | | | | |
| June | 116.1 | 10.9 | 126.9 | 8.6 | 75.3 | 75.8 | 7.9 | 83.7 | 9.4 | 48.0 | 191.9 | 18.8 | 210.7 | 8.9 | 61.4 |
| July | 115.0 | 11.4 | 126.5 | 9.0 | 74.9 | 74.9 | 8.3 | 83.2 | 10.0 | 47.6 | 189.9 | 19.7 | 209.6 | 9.4 | 61.1 |
| August | 116.3 | 11.2 | 127.5 | 8.8 | 75.5 | 74.8 | 8.2 | 83.0 | 9.8 | 47.5 | 191.1 | 19.4 | 210.5 | 9.2 | 61.3 |
| September | 116.3 | 12.0 | 128.2 | 9.3 | 75.9 | 74.1 | 8.5 | 82.6 | 10.3 | 47.3 | 190.4 | 20.5 | 210.8 | 9.7 | 61.3 |
| October | 116.2 | 11.6 | 127.8 | 9.1 | 75.6 | 72.5 | 9.1 | 81.5 | 11.1 | 46.6 | 188.7 | 20.7 | 209.4 | 9.9 | 60.9 |
| November | 116.2 | 12.1 | 128.3 | 9.4 | 75.8 | 71.6 | 8.5 | 80.0 | 10.6 | 45.7 | 187.8 | 20.5 | 208.3 | 9.8 | 60.5 |
| December | 115.3 | 11.7 | 127.0 | 9.2 | 75.0 | 71.4 | 8.8 | 80.3 | 11.0 | 45.8 | 186.7 | 20.6 | 207.3 | 9.9 | 60.2 |
| 989 - | | | | | | | | | | | | | | | |
| January | 113.5 | 10.6 | 124.1 | 8.5 | 73.3 | 70.0 | 11.2 | 81.2 | 13.8 | 46.3 | 183.5 | 21.8 | 205.3 | 10.6 | 59.6 |
| February | 113.3 | 12.0 | 125.3 | 9.6 | 73.9 | 70.2 | 10.2 | 80.4 | 12.6 | 45.8 | 183.5 | 22.2 | 205.7 | 10.8 | 59.7 |
| March | 114.0 | 11.1 | 125.2 | 8.9 | 73.8 | 68.3 | 8.3 | 76.7 | 10.9 | 43.7 | 182.3 | 19.5 | 201.8 | 9.7 | 58.5 |
| April | 114.4 | 10.9 | 125.3 | 8.7 | 73.8 | 71.8 | 7.9 | 79.7 | 9.9 | 45.4 | 186.2 | 18.8 | 205.0 | 9.2 | 59.4 |
| May | 115.2 | 10.9 | 126.1 | 8.6 | 74.3 | 74.5 | 7.3 | 81.8 | 8.9 | 46.6 | 189.8 | 18.2 | 208.0 | 8.7 | 60.2 |
| June | 113.9 | 11.9 | 125.8 | 9.5 | 74.0 | 76.0 | 8.0 | 83.9 | 9.5 | 47.7 | 189.9 | 19.9 | 209.8 | 9.5 | 60.7 |
| July | 115.0 | 10.4 | 125.5 | 8.3 | 73.7 | 76.9 | 8.8 | 85.7 | 10.3 | 48.7 | 191.9 | 19.2 | 211.1 | 9.1 | 61.0 |
| August | 116.8 | 10.9 | 127.7 | 8.6 | 75.0 | 78.7 | 7.6 | 86.3 | 8.8 | 49.0 | 195.5 | 18.6 | 214.1 | 8.7 | 61.8 |

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES

| Mnth | Males | | | | | Females | | | | | Persons | | | | |
|-----------------|----------|------------|--------------|------------------------|-------------------------|----------|------------|--------------|------------------------|-------------------------|----------|------------|--------------|------------------------|-------------------------|
| | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate | Employed | Unemployed | Labour force | Unemp- loyment rate | Partici- pation rate |
| | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | |
| NEW SOUTH WALES | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 1,498.4 | 116.7 | 1,615.0 | 7.2 | 74.4 | 1,013.3 | 84.3 | 1,097.6 | 7.7 | 48.9 | 2,511.6 | 201.0 | 2,712.6 | 7.4 | 61.4 |
| July | 1,499.8 | 115.0 | 1,614.7 | 7.1 | 74.3 | 1,015.0 | 82.6 | 1,097.6 | 7.5 | 48.9 | 2,514.8 | 197.5 | 2,712.3 | 7.3 | 61.4 |
| August | 1,501.8 | 112.9 | 1,614.6 | 7.0 | 74.2 | 1,016.8 | 81.1 | 1,097.9 | 7.4 | 48.8 | 2,518.5 | 194.0 | 2,712.5 | 7.2 | 61.3 |
| September | 1,503.9 | 111.2 | 1,615.0 | 6.9 | 74.1 | 1,018.1 | 80.5 | 1,098.7 | 7.3 | 48.8 | 2,522.0 | 191.7 | 2,713.7 | 7.1 | 61.3 |
| October | 1,505.5 | 110.4 | 1,615.8 | 6.8 | 74.0 | 1,019.3 | 80.6 | 1,099.9 | 7.3 | 48.8 | 2,524.7 | 191.0 | 2,715.7 | 7.0 | 61.2 |
| November | 1,506.2 | 109.7 | 1,615.9 | 6.8 | 73.9 | 1,019.7 | 80.8 | 1,100.5 | 7.3 | 48.8 | 2,525.9 | 190.5 | 2,716.4 | 7.0 | 61.1 |
| December | 1,506.9 | 108.8 | 1,615.6 | 6.7 | 73.8 | 1,020.2 | 80.5 | 1,100.7 | 7.3 | 48.7 | 2,527.1 | 189.3 | 2,716.3 | 7.0 | 61.1 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 1,508.3 | 107.3 | 1,615.7 | 6.6 | 73.7 | 1,022.0 | 79.8 | 1,101.9 | 7.2 | 48.7 | 2,530.4 | 187.1 | 2,717.5 | 6.9 | 61.0 |
| February | 1,511.2 | 105.6 | 1,616.8 | 6.5 | 73.7 | 1,025.7 | 79.1 | 1,104.8 | 7.2 | 48.7 | 2,536.9 | 184.6 | 2,721.5 | 6.8 | 61.0 |
| March | 1,516.5 | 103.4 | 1,619.9 | 6.4 | 73.7 | 1,030.7 | 78.8 | 1,109.5 | 7.1 | 48.9 | 2,547.2 | 182.2 | 2,729.4 | 6.7 | 61.1 |
| April | 1,524.2 | 101.0 | 1,625.2 | 6.2 | 73.9 | 1,036.1 | 78.9 | 1,115.0 | 7.1 | 49.1 | 2,560.3 | 179.9 | 2,740.1 | 6.6 | 61.3 |
| May | 1,533.3 | 98.6 | 1,631.9 | 6.0 | 74.1 | 1,041.0 | 79.3 | 1,120.4 | 7.1 | 49.3 | 2,574.3 | 177.9 | 2,752.3 | 6.5 | 61.5 |
| June | 1,542.6 | 96.7 | 1,639.3 | 5.9 | 74.4 | 1,045.4 | 79.8 | 1,125.2 | 7.1 | 49.4 | 2,588.0 | 176.5 | 2,764.5 | 6.4 | 61.7 |
| July | 1,551.2 | 95.1 | 1,646.3 | 5.8 | 74.6 | 1,049.0 | 80.1 | 1,129.2 | 7.1 | 49.5 | 2,600.3 | 175.2 | 2,775.4 | 6.3 | 61.9 |
| August | 1,558.5 | 94.0 | 1,652.5 | 5.7 | 74.8 | 1,051.9 | 80.5 | 1,132.4 | 7.1 | 49.7 | 2,610.4 | 174.5 | 2,784.9 | 6.3 | 62.0 |
| VICTORIA | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 1,161.0 | 63.7 | 1,224.7 | 5.2 | 75.1 | 781.1 | 62.9 | 844.0 | 7.5 | 49.9 | 1,942.1 | 126.6 | 2,068.7 | 6.1 | 62.3 |
| July | 1,161.3 | 61.8 | 1,223.0 | 5.1 | 74.9 | 785.7 | 61.5 | 847.2 | 7.3 | 50.1 | 1,946.9 | 123.3 | 2,070.2 | 6.0 | 62.3 |
| August | 1,161.8 | 59.9 | 1,221.7 | 4.9 | 74.7 | 791.8 | 59.7 | 851.5 | 7.0 | 50.2 | 1,953.6 | 119.5 | 2,073.2 | 5.8 | 62.3 |
| September | 1,162.8 | 58.5 | 1,221.3 | 4.8 | 74.6 | 799.2 | 58.1 | 857.3 | 6.8 | 50.5 | 1,962.0 | 116.6 | 2,078.6 | 5.6 | 62.3 |
| October | 1,164.3 | 58.1 | 1,222.4 | 4.8 | 74.6 | 807.1 | 57.1 | 864.2 | 6.6 | 50.9 | 1,971.4 | 115.2 | 2,086.6 | 5.5 | 62.5 |
| November | 1,166.6 | 58.5 | 1,225.1 | 4.8 | 74.6 | 814.2 | 56.6 | 870.8 | 6.5 | 51.2 | 1,980.8 | 115.1 | 2,095.9 | 5.5 | 62.7 |
| December | 1,170.3 | 59.2 | 1,229.5 | 4.8 | 74.8 | 820.0 | 56.1 | 876.0 | 6.4 | 51.4 | 1,990.3 | 115.2 | 2,105.5 | 5.5 | 62.9 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 1,176.0 | 59.4 | 1,235.4 | 4.8 | 75.0 | 824.5 | 55.6 | 880.1 | 6.3 | 51.6 | 2,000.5 | 115.0 | 2,115.5 | 5.4 | 63.1 |
| February | 1,183.5 | 58.6 | 1,242.1 | 4.7 | 75.3 | 828.1 | 55.3 | 883.5 | 6.3 | 51.7 | 2,011.6 | 113.9 | 2,125.5 | 5.4 | 63.3 |
| March | 1,191.4 | 56.9 | 1,248.3 | 4.6 | 75.6 | 831.6 | 55.2 | 886.8 | 6.2 | 51.8 | 2,023.0 | 112.0 | 2,135.1 | 5.2 | 63.5 |
| April | 1,198.4 | 54.6 | 1,253.0 | 4.4 | 75.8 | 835.3 | 54.6 | 889.9 | 6.1 | 51.9 | 2,033.7 | 109.2 | 2,142.9 | 5.1 | 63.6 |
| May | 1,203.6 | 52.3 | 1,255.8 | 4.2 | 75.8 | 839.7 | 53.8 | 893.4 | 6.0 | 52.1 | 2,043.2 | 106.0 | 2,149.3 | 4.9 | 63.7 |
| June | 1,206.6 | 50.5 | 1,257.1 | 4.0 | 75.8 | 844.6 | 52.9 | 897.4 | 5.9 | 52.2 | 2,051.1 | 103.4 | 2,154.5 | 4.8 | 63.8 |
| July | 1,208.0 | 49.3 | 1,257.4 | 3.9 | 75.7 | 849.3 | 51.9 | 901.1 | 5.8 | 52.4 | 2,057.3 | 101.2 | 2,158.5 | 4.7 | 63.8 |
| August | 1,207.7 | 48.6 | 1,256.3 | 3.9 | 75.6 | 853.0 | 50.9 | 903.9 | 5.6 | 52.5 | 2,060.7 | 99.5 | 2,160.2 | 4.6 | 63.8 |
| QUEENSLAND | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 726.9 | 58.4 | 785.3 | 7.4 | 75.7 | 468.3 | 46.3 | 514.6 | 9.0 | 48.7 | 1,195.2 | 104.7 | 1,299.9 | 8.1 | 62.1 |
| July | 730.2 | 57.4 | 787.6 | 7.3 | 75.7 | 470.7 | 45.2 | 515.9 | 8.8 | 48.7 | 1,200.9 | 102.6 | 1,303.4 | 7.9 | 62.1 |
| August | 733.7 | 56.8 | 790.4 | 7.2 | 75.8 | 473.0 | 44.8 | 517.8 | 8.7 | 48.7 | 1,206.6 | 101.6 | 1,308.2 | 7.8 | 62.1 |
| September | 737.9 | 56.5 | 794.3 | 7.1 | 75.9 | 475.8 | 45.1 | 520.9 | 8.7 | 48.9 | 1,213.6 | 101.6 | 1,315.3 | 7.7 | 62.3 |
| October | 742.6 | 56.4 | 799.0 | 7.1 | 76.1 | 479.5 | 45.9 | 525.4 | 8.7 | 49.2 | 1,222.1 | 102.3 | 1,324.4 | 7.7 | 62.5 |
| November | 747.1 | 56.2 | 803.2 | 7.0 | 76.3 | 484.0 | 46.4 | 530.4 | 8.8 | 49.5 | 1,231.0 | 102.6 | 1,333.6 | 7.7 | 62.8 |
| December | 750.5 | 55.7 | 806.2 | 6.9 | 76.4 | 488.8 | 46.4 | 535.1 | 8.7 | 49.8 | 1,239.3 | 102.1 | 1,341.4 | 7.6 | 63.0 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 752.9 | 55.1 | 808.0 | 6.8 | 76.3 | 493.7 | 45.6 | 539.3 | 8.5 | 50.0 | 1,246.6 | 100.7 | 1,347.3 | 7.5 | 63.0 |
| February | 754.6 | 54.2 | 808.7 | 6.7 | 76.2 | 498.6 | 44.5 | 543.0 | 8.2 | 50.2 | 1,253.1 | 98.7 | 1,351.8 | 7.3 | 63.1 |
| March | 756.0 | 53.2 | 809.2 | 6.6 | 76.0 | 503.1 | 43.4 | 546.5 | 7.9 | 50.4 | 1,259.1 | 96.6 | 1,355.7 | 7.1 | 63.1 |
| April | 757.7 | 52.1 | 809.8 | 6.4 | 75.8 | 507.1 | 42.7 | 549.8 | 7.8 | 50.5 | 1,264.8 | 94.9 | 1,359.7 | 7.0 | 63.1 |
| May | 759.8 | 51.2 | 811.0 | 6.3 | 75.7 | 510.7 | 42.4 | 553.1 | 7.7 | 50.7 | 1,270.5 | 93.7 | 1,364.2 | 6.9 | 63.1 |
| June | 762.1 | 50.7 | 812.7 | 6.2 | 75.6 | 514.3 | 42.5 | 556.9 | 7.6 | 50.9 | 1,276.4 | 93.2 | 1,369.6 | 6.8 | 63.1 |
| July | 764.2 | 50.3 | 814.6 | 6.2 | 75.5 | 517.5 | 42.8 | 560.3 | 7.6 | 51.0 | 1,281.7 | 93.1 | 1,374.9 | 6.8 | 63.2 |
| August | 766.1 | 50.2 | 816.3 | 6.1 | 75.5 | 520.4 | 43.4 | 563.8 | 7.7 | 51.2 | 1,286.5 | 93.6 | 1,380.0 | 6.8 | 63.2 |

TABLE 9. CIVILIAN LABOUR FORCE, STATES: TREND SERIES — continued

| Month | Males | | | | | Females | | | | | Persons | | | | |
|-------------------|----------|------------|--------------|-------------------|--------------------|----------|------------|--------------|-------------------|--------------------|----------|------------|--------------|-------------------|--------------------|
| | Employed | Unemployed | Labour force | Unemployment rate | Participation rate | Employed | Unemployed | Labour force | Unemployment rate | Participation rate | Employed | Unemployed | Labour force | Unemployment rate | Participation rate |
| | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | | - '000 - | | - per cent - | | |
| SOUTH AUSTRALIA | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 365.7 | 35.5 | 401.3 | 8.9 | 73.5 | 254.7 | 24.5 | 279.2 | 8.8 | 49.6 | 620.4 | 60.1 | 680.5 | 8.8 | 61.3 |
| July | 368.2 | 34.7 | 402.9 | 8.6 | 73.7 | 255.2 | 24.4 | 279.6 | 8.7 | 49.6 | 623.4 | 59.1 | 682.5 | 8.7 | 61.5 |
| August | 370.7 | 33.7 | 404.5 | 8.3 | 73.9 | 255.9 | 24.1 | 280.0 | 8.6 | 49.6 | 626.6 | 57.8 | 684.4 | 8.4 | 61.6 |
| September | 373.2 | 32.8 | 405.9 | 8.1 | 74.1 | 256.7 | 23.8 | 280.5 | 8.5 | 49.7 | 629.9 | 56.6 | 686.5 | 8.2 | 61.7 |
| October | 375.2 | 32.1 | 407.3 | 7.9 | 74.3 | 257.9 | 23.6 | 281.5 | 8.4 | 49.8 | 633.0 | 55.8 | 688.8 | 8.1 | 61.8 |
| November | 376.6 | 31.8 | 408.5 | 7.8 | 74.4 | 259.3 | 23.3 | 282.6 | 8.2 | 49.9 | 636.0 | 55.1 | 691.1 | 8.0 | 62.0 |
| December | 377.7 | 31.8 | 409.4 | 7.8 | 74.5 | 261.0 | 22.9 | 283.9 | 8.0 | 50.1 | 638.7 | 54.6 | 693.3 | 7.9 | 62.1 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 378.4 | 31.9 | 410.3 | 7.8 | 74.6 | 262.8 | 22.3 | 285.1 | 7.8 | 50.2 | 641.2 | 54.2 | 695.4 | 7.8 | 62.2 |
| February | 379.0 | 32.1 | 411.0 | 7.8 | 74.6 | 264.2 | 21.8 | 286.0 | 7.6 | 50.3 | 643.1 | 53.9 | 697.1 | 7.7 | 62.3 |
| March | 379.5 | 32.2 | 411.7 | 7.8 | 74.6 | 265.2 | 21.5 | 286.7 | 7.5 | 50.4 | 644.7 | 53.7 | 698.4 | 7.7 | 62.3 |
| April | 380.4 | 32.2 | 412.6 | 7.8 | 74.7 | 265.9 | 21.2 | 287.2 | 7.4 | 50.4 | 646.3 | 53.4 | 699.8 | 7.6 | 62.4 |
| May | 381.7 | 31.9 | 413.6 | 7.7 | 74.8 | 266.7 | 21.1 | 287.8 | 7.3 | 50.5 | 648.4 | 53.0 | 701.4 | 7.6 | 62.4 |
| June | 383.1 | 31.4 | 414.6 | 7.6 | 74.8 | 267.8 | 20.9 | 288.7 | 7.2 | 50.6 | 650.9 | 52.4 | 703.2 | 7.4 | 62.5 |
| July | 384.6 | 30.8 | 415.4 | 7.4 | 74.9 | 269.0 | 20.7 | 289.8 | 7.2 | 50.7 | 653.6 | 51.6 | 705.2 | 7.3 | 62.6 |
| August | 386.0 | 30.2 | 416.2 | 7.3 | 75.0 | 270.3 | 20.6 | 290.9 | 7.1 | 50.9 | 656.4 | 50.8 | 707.2 | 7.2 | 62.8 |
| WESTERN AUSTRALIA | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 429.5 | 31.8 | 461.3 | 6.9 | 78.0 | 279.6 | 24.6 | 304.1 | 8.1 | 51.6 | 709.0 | 56.3 | 765.4 | 7.4 | 64.8 |
| July | 431.9 | 30.7 | 462.5 | 6.6 | 78.0 | 281.4 | 24.1 | 305.5 | 7.9 | 51.7 | 713.3 | 54.8 | 768.0 | 7.1 | 64.9 |
| August | 434.5 | 29.8 | 464.2 | 6.4 | 78.0 | 283.4 | 23.9 | 307.2 | 7.8 | 51.8 | 717.8 | 53.6 | 771.4 | 7.0 | 65.0 |
| September | 437.1 | 29.2 | 466.3 | 6.3 | 78.2 | 285.6 | 23.8 | 309.4 | 7.7 | 52.1 | 722.8 | 53.0 | 775.7 | 6.8 | 65.1 |
| October | 439.7 | 28.9 | 468.5 | 6.2 | 78.3 | 288.2 | 23.9 | 312.0 | 7.7 | 52.4 | 727.8 | 52.8 | 780.6 | 6.8 | 65.4 |
| November | 441.9 | 28.6 | 470.5 | 6.1 | 78.4 | 290.7 | 23.9 | 314.6 | 7.6 | 52.6 | 732.6 | 52.5 | 785.1 | 6.7 | 65.6 |
| December | 444.0 | 28.0 | 472.0 | 5.9 | 78.4 | 293.2 | 23.6 | 316.8 | 7.4 | 52.9 | 737.3 | 51.5 | 788.8 | 6.5 | 65.7 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 445.7 | 26.9 | 472.6 | 5.7 | 78.3 | 295.6 | 22.8 | 318.4 | 7.2 | 53.0 | 741.3 | 49.8 | 791.0 | 6.3 | 65.7 |
| February | 446.6 | 25.7 | 472.4 | 5.4 | 78.1 | 297.4 | 21.8 | 319.2 | 6.8 | 52.9 | 744.0 | 47.5 | 791.5 | 6.0 | 65.5 |
| March | 446.9 | 24.8 | 471.7 | 5.2 | 77.7 | 298.6 | 20.8 | 319.3 | 6.5 | 52.8 | 745.5 | 45.5 | 791.0 | 5.8 | 65.3 |
| April | 446.9 | 24.2 | 471.1 | 5.1 | 77.4 | 299.2 | 20.0 | 319.3 | 6.3 | 52.7 | 746.1 | 44.3 | 790.4 | 5.6 | 65.1 |
| May | 446.9 | 24.1 | 471.0 | 5.1 | 77.2 | 299.7 | 19.8 | 319.5 | 6.2 | 52.6 | 746.6 | 43.8 | 790.4 | 5.5 | 64.9 |
| June | 447.2 | 24.2 | 471.3 | 5.1 | 77.1 | 300.4 | 19.7 | 320.2 | 6.2 | 52.5 | 747.6 | 43.9 | 791.5 | 5.5 | 64.8 |
| July | 447.6 | 24.4 | 472.0 | 5.2 | 77.0 | 301.3 | 19.8 | 321.1 | 6.2 | 52.6 | 748.9 | 44.2 | 793.1 | 5.6 | 64.8 |
| August | 448.1 | 24.7 | 472.9 | 5.2 | 76.9 | 302.5 | 20.0 | 322.5 | 6.2 | 52.6 | 750.6 | 44.8 | 795.4 | 5.6 | 64.8 |
| TASMANIA | | | | | | | | | | | | | | | |
| 1988 - | | | | | | | | | | | | | | | |
| June | 116.0 | 10.9 | 126.9 | 8.6 | 75.2 | 75.4 | 8.2 | 83.6 | 9.8 | 47.9 | 191.4 | 19.1 | 210.5 | 9.1 | 61.3 |
| July | 116.1 | 11.1 | 127.2 | 8.7 | 75.4 | 75.1 | 8.1 | 83.3 | 9.8 | 47.7 | 191.2 | 19.3 | 210.5 | 9.1 | 61.3 |
| August | 116.2 | 11.4 | 127.6 | 8.9 | 75.6 | 74.6 | 8.2 | 82.8 | 9.9 | 47.4 | 190.7 | 19.6 | 210.3 | 9.3 | 61.2 |
| September | 116.2 | 11.6 | 127.8 | 9.1 | 75.6 | 73.8 | 8.5 | 82.2 | 10.3 | 47.0 | 189.9 | 20.1 | 210.0 | 9.6 | 61.1 |
| October | 116.1 | 11.7 | 127.8 | 9.2 | 75.6 | 72.8 | 8.8 | 81.6 | 10.8 | 46.7 | 188.9 | 20.6 | 209.4 | 9.8 | 60.9 |
| November | 115.8 | 11.7 | 127.5 | 9.2 | 75.4 | 71.8 | 9.2 | 81.0 | 11.4 | 46.3 | 187.5 | 21.0 | 208.5 | 10.1 | 60.6 |
| December | 115.3 | 11.6 | 126.9 | 9.1 | 75.0 | 70.8 | 9.5 | 80.3 | 11.9 | 45.8 | 186.1 | 21.1 | 207.2 | 10.2 | 60.2 |
| 1989 - | | | | | | | | | | | | | | | |
| January | 114.8 | 11.5 | 126.3 | 9.1 | 74.6 | 70.1 | 9.6 | 79.7 | 12.0 | 45.5 | 184.9 | 21.0 | 206.0 | 10.2 | 59.8 |
| February | 114.4 | 11.3 | 125.7 | 9.0 | 74.2 | 70.0 | 9.3 | 79.4 | 11.8 | 45.2 | 184.4 | 20.7 | 205.1 | 10.1 | 59.5 |
| March | 114.2 | 11.2 | 125.4 | 9.0 | 74.0 | 70.7 | 8.9 | 79.6 | 11.2 | 45.4 | 184.9 | 20.2 | 205.0 | 9.8 | 59.4 |
| April | 114.3 | 11.2 | 125.4 | 8.9 | 73.9 | 72.0 | 8.5 | 80.4 | 10.5 | 45.8 | 186.3 | 19.6 | 205.9 | 9.5 | 59.6 |
| May | 114.5 | 11.1 | 125.7 | 8.8 | 74.0 | 73.6 | 8.1 | 81.7 | 9.9 | 46.5 | 188.2 | 19.2 | 207.4 | 9.3 | 60.0 |
| June | 114.9 | 11.1 | 125.9 | 8.8 | 74.1 | 75.3 | 7.9 | 83.2 | 9.5 | 47.3 | 190.2 | 18.9 | 209.1 | 9.0 | 60.5 |
| July | 115.3 | 11.0 | 126.3 | 8.7 | 74.2 | 76.9 | 7.8 | 84.6 | 9.2 | 48.1 | 192.2 | 18.8 | 210.9 | 8.9 | 60.9 |
| August | 115.7 | 10.9 | 126.6 | 8.6 | 74.3 | 78.2 | 7.8 | 86.0 | 9.1 | 48.8 | 193.9 | 18.7 | 212.6 | 8.8 | 61.4 |

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, AUGUST 1989

| Age group | Number ('000) | | | | | Participation rate (per cent) | | | | |
|-------------|---------------|---------|-------------|---------|---------|-------------------------------|---------|-------------|---------|-------|
| | Females | | | | Total | Females | | | | Total |
| | Males | Married | Not married | Persons | | Males | Married | Not married | Persons | |
| 15-64 | 4,765.4 | 1,992.5 | 1,348.1 | 3,340.6 | 8,106.0 | 84.2 | 57.2 | 65.1 | 60.2 | 72.3 |
| 15-19 | 426.9 | 13.8 | 379.3 | 393.2 | 820.1 | 59.6 | 56.7 | 57.1 | 57.1 | 58.4 |
| 20-24 | 596.7 | 139.9 | 368.6 | 508.4 | 1,105.2 | 89.2 | 65.3 | 83.3 | 77.4 | 83.4 |
| 25-34 | 1,309.5 | 608.5 | 287.9 | 896.4 | 2,205.8 | 94.8 | 60.2 | 78.1 | 65.0 | 79.9 |
| 35-44 | 1,180.4 | 713.6 | 157.6 | 871.2 | 2,051.6 | 93.3 | 69.6 | 70.7 | 69.8 | 81.7 |
| 45-54 | 793.5 | 397.9 | 107.7 | 505.6 | 1,299.1 | 88.7 | 58.5 | 62.6 | 59.3 | 74.4 |
| 55-59 | 277.6 | 83.8 | 31.8 | 115.6 | 393.3 | 74.9 | 30.7 | 36.6 | 32.1 | 53.8 |
| 60-64 | 180.7 | 35.1 | 15.2 | 50.2 | 231.0 | 49.8 | 13.8 | 13.3 | 13.6 | 31.6 |
| 65 and over | 67.2 | 13.7 | 10.1 | 23.8 | 91.0 | 8.5 | 3.1 | 1.6 | 2.2 | 4.9 |
| Total | 4,832.6 | 2,006.2 | 1,358.2 | 3,364.4 | 8,197.0 | 74.9 | 51.1 | 50.3 | 50.8 | 62.7 |

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, AUGUST 1989

| | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 15-19 | Unemployment rate | Participation rate |
|-------------------------------------------------------------------------------|-------------------|-------|----------------------------|----------------------------|-------|--------------|---------------------|--------------------------------|-------------------|--------------------|
| | Full-time workers | Total | Looking for full-time work | Looking for part-time work | Total | | | | | |
| | - '000 - | | | | | | | | - per cent - | |
| ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME (a) | | | | | | | | | | |
| Males | 250.3 | 269.2 | 32.3 | * 1.4 | 33.7 | 302.9 | 14.0 | 316.8 | 11.1 | 95.6 |
| Females | 174.4 | 209.5 | 30.3 | * 1.7 | 32.1 | 241.6 | 32.6 | 274.2 | 13.3 | 88.1 |
| Persons | 424.8 | 478.8 | 62.6 | * 3.1 | 65.7 | 544.5 | 46.5 | 591.0 | 12.1 | 92.1 |
| Left school - | | | | | | | | | | |
| Before 1987 | 146.3 | 160.5 | 22.6 | * 0.5 | 23.2 | 183.6 | 19.8 | 203.5 | 12.6 | 90.2 |
| 1987 | 132.0 | 146.5 | 14.8 | * 1.1 | 15.9 | 162.4 | 8.8 | 171.2 | 9.8 | 94.9 |
| 1988 to survey date | 146.5 | 171.8 | 25.1 | * 1.5 | 26.7 | 198.5 | 15.2 | 213.7 | 13.4 | 92.9 |
| Age - | | | | | | | | | | |
| 15 | 6.9 | 7.7 | * 3.1 | * 0.5 | 3.6 | 11.3 | * 3.0 | 14.3 | 31.9 | 78.9 |
| 16 | 39.1 | 44.7 | 6.6 | * 0.0 | 6.6 | 51.2 | 6.6 | 57.9 | 12.8 | 88.5 |
| 17 | 83.8 | 95.4 | 11.9 | * 1.2 | 13.0 | 108.5 | 6.8 | 115.3 | 12.0 | 94.1 |
| 18 | 138.4 | 158.8 | 22.4 | * 0.4 | 22.8 | 181.5 | 12.9 | 194.4 | 12.5 | 93.4 |
| 19 | 156.6 | 172.2 | 18.7 | * 1.0 | 19.7 | 191.9 | 17.2 | 209.1 | 10.3 | 91.8 |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME | | | | | | | | | | |
| Males | 4.0 | 26.0 | * 2.1 | 4.5 | 6.6 | 32.7 | 35.6 | 68.3 | 20.3 | 47.9 |
| Females | * 1.1 | 32.4 | * 1.7 | 5.7 | 7.4 | 39.8 | 39.1 | 78.9 | 18.6 | 50.4 |
| Persons | 5.1 | 58.4 | 3.8 | 10.2 | 14.0 | 72.5 | 74.7 | 147.2 | 19.4 | 49.2 |
| Left school - | | | | | | | | | | |
| Before 1987 | * 1.6 | 6.1 | * 0.1 | * 0.7 | * 0.8 | 6.9 | 4.7 | 11.6 | * 11.2 | 59.2 |
| 1987 | * 2.0 | 22.0 | * 0.7 | * 2.8 | * 3.4 | 25.4 | 25.0 | 50.4 | * 13.5 | 50.4 |
| 1988 to survey date | * 1.4 | 30.4 | * 3.0 | 6.8 | 9.8 | 40.2 | 45.0 | 85.2 | 24.5 | 47.2 |
| Age - | | | | | | | | | | |
| 15 and 16 | * 0.0 | * 0.9 | * 1.1 | * 0.5 | * 1.7 | * 2.6 | 3.8 | 6.3 | * 65.3 | * 0.4 |
| 17 | * 0.7 | 5.2 | * 1.1 | * 2.1 | * 3.1 | 8.3 | 7.8 | 16.1 | * 37.7 | 51.5 |
| 18 | * 2.5 | 27.8 | * 0.9 | 3.5 | 4.4 | 32.2 | 28.4 | 60.6 | 13.6 | 53.1 |
| 19 | * 1.9 | 24.5 | * 0.7 | 4.2 | 4.9 | 29.4 | 34.7 | 64.1 | 16.6 | 45.9 |
| ATTENDING SCHOOL | | | | | | | | | | |
| Males | * 0.4 | 76.7 | * 3.1 | 11.5 | 14.7 | 91.4 | 239.3 | 330.7 | 16.1 | 27.6 |
| Females | * 0.2 | 93.8 | * 2.4 | 15.6 | 17.9 | 111.8 | 223.8 | 335.6 | 16.1 | 33.3 |
| Persons | * 0.6 | 170.5 | 5.5 | 27.1 | 32.6 | 203.1 | 463.1 | 666.3 | 16.1 | 30.5 |
| Age - | | | | | | | | | | |
| 15 | * 0.2 | 53.9 | * 1.4 | 14.6 | 16.1 | 70.0 | 179.6 | 249.6 | 23.0 | 28.0 |
| 16 | * 0.2 | 63.5 | * 2.5 | 7.8 | 10.3 | 73.8 | 139.3 | 213.1 | 13.9 | 34.6 |
| 17 | * 0.2 | 44.6 | * 1.2 | 3.9 | 5.1 | 49.7 | 108.2 | 157.8 | 10.3 | 31.5 |
| 18 and 19 | * 0.0 | 8.5 | * 0.3 | * 0.8 | * 1.1 | 9.6 | 36.1 | 45.8 | * 11.8 | 21.1 |
| TOTAL | | | | | | | | | | |
| Males | 254.7 | 372.0 | 37.5 | 17.4 | 55.0 | 426.9 | 288.9 | 715.8 | 12.9 | 59.6 |
| Females | 175.8 | 335.8 | 34.4 | 23.0 | 57.4 | 393.2 | 295.5 | 688.6 | 14.6 | 57.1 |
| Persons | 430.4 | 707.7 | 71.9 | 40.4 | 112.4 | 820.1 | 584.4 | 1,404.5 | 13.7 | 58.4 |
| Age - | | | | | | | | | | |
| 15 | 7.1 | 61.6 | 4.5 | 15.2 | 19.7 | 81.3 | 183.5 | 264.8 | 24.2 | 30.7 |
| 16 | 39.3 | 109.1 | 10.2 | 8.3 | 18.5 | 127.6 | 148.8 | 276.4 | 14.5 | 46.2 |
| 17 | 84.7 | 145.2 | 14.2 | 7.1 | 21.3 | 166.4 | 122.8 | 289.2 | 12.8 | 57.5 |
| 18 | 140.9 | 194.5 | 23.7 | 4.6 | 28.3 | 222.8 | 71.7 | 294.5 | 12.7 | 75.6 |
| 19 | 158.5 | 197.3 | 19.4 | 5.2 | 24.6 | 221.9 | 57.6 | 279.5 | 11.1 | 79.4 |

(a) The components of the "Left school" category in the "Not in labour force" column do not add to the total because institutionalised persons are not asked the "school attendance" question.

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION, AUGUST 1989

| | Employed | | Unemployed | | | Labour force | Not in labour force | Civilian population aged 20-24 | Unemployment rate | Participation rate |
|------------------------------------------------------------|-------------------|---------|----------------------------|----------------------------|-------|--------------|---------------------|--------------------------------|-------------------|--------------------|
| | Full-time workers | Total | Looking for full-time work | Looking for part-time work | Total | | | | | |
| - '000 - | | | | | | | | | | |
| - per cent - | | | | | | | | | | |
| NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME | | | | | | | | | | |
| Males | 490.9 | 516.5 | 42.9 | * 0.8 | 43.8 | 560.2 | 31.3 | 591.5 | 7.8 | 94.7 |
| Females | 363.1 | 436.2 | 33.1 | * 3.4 | 36.5 | 472.7 | 109.3 | 582.0 | 7.7 | 81.2 |
| Persons | 854.1 | 952.6 | 76.1 | 4.2 | 80.3 | 1,032.9 | 140.6 | 1,173.5 | 7.8 | 88.0 |
| Age - | | | | | | | | | | |
| 20 | 159.6 | 174.0 | 17.8 | * 1.0 | 18.7 | 192.7 | 20.6 | 213.3 | 9.7 | 90.3 |
| 21 | 170.1 | 190.6 | 15.6 | * 0.5 | 16.1 | 206.7 | 22.2 | 228.9 | 7.8 | 90.3 |
| 22 | 169.6 | 187.4 | 14.8 | * 1.5 | 16.3 | 203.6 | 30.5 | 234.1 | 8.0 | 87.0 |
| 23 | 177.1 | 197.2 | 12.3 | * 0.0 | 12.3 | 209.5 | 32.2 | 241.7 | 5.9 | 86.7 |
| 24 | 177.6 | 203.5 | 15.7 | * 1.2 | 16.8 | 220.3 | 35.1 | 255.4 | 7.6 | 86.3 |
| ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME | | | | | | | | | | |
| Males | 4.2 | 32.6 | * 0.6 | * 3.3 | 3.9 | 36.5 | 40.8 | 77.3 | 10.6 | 47.2 |
| Females | * 2.3 | 32.0 | * 0.2 | 3.6 | 3.8 | 35.8 | 38.8 | 74.6 | 10.5 | 48.0 |
| Persons | 6.6 | 64.6 | * 0.8 | 6.9 | 7.7 | 72.2 | 79.6 | 151.9 | 10.6 | 47.6 |
| Age - | | | | | | | | | | |
| 20 | * 1.8 | 24.2 | * 0.2 | * 1.8 | * 2.0 | 26.2 | 35.1 | 61.3 | * 7.5 | 42.8 |
| 21 | * 1.0 | 16.7 | * 0.1 | * 2.2 | * 2.3 | 19.1 | 18.1 | 37.1 | * 12.2 | 51.3 |
| 22 | * 1.6 | 11.9 | * 0.2 | * 1.6 | * 1.8 | 13.8 | 12.8 | 26.5 | * 13.1 | 51.8 |
| 23 | * 1.3 | 8.1 | * 0.0 | * 1.2 | * 1.2 | 9.3 | 9.1 | 18.5 | * 12.9 | 50.5 |
| 24 | * 0.9 | 3.6 | * 0.3 | * 0.1 | * 0.4 | 3.9 | 4.5 | 8.4 | * 9.0 | 46.4 |
| TOTAL | | | | | | | | | | |
| Males | 495.1 | 549.1 | 43.5 | 4.1 | 47.6 | 596.7 | 72.1 | 668.8 | 8.0 | 89.2 |
| Females | 365.5 | 468.2 | 33.3 | 7.0 | 40.3 | 508.4 | 148.1 | 656.6 | 7.9 | 77.4 |
| Persons | 860.6 | 1,017.2 | 76.8 | 11.1 | 87.9 | 1,105.2 | 220.2 | 1,325.4 | 8.0 | 83.4 |
| Age - | | | | | | | | | | |
| 20 | 161.4 | 198.2 | 18.0 | * 2.7 | 20.7 | 218.9 | 55.7 | 274.6 | 9.5 | 79.7 |
| 21 | 171.2 | 207.4 | 15.7 | * 2.7 | 18.4 | 225.8 | 40.3 | 266.0 | 8.2 | 84.9 |
| 22 | 171.1 | 199.3 | 14.9 | * 3.2 | 18.1 | 217.4 | 43.3 | 260.7 | 8.3 | 83.4 |
| 23 | 178.5 | 205.3 | 12.3 | * 1.2 | 13.5 | 218.8 | 41.4 | 260.2 | 6.2 | 84.1 |
| 24 | 178.5 | 207.0 | 15.9 | * 1.3 | 17.2 | 224.2 | 39.6 | 263.9 | 7.7 | 85.0 |

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, AUGUST 1989 (per cent)

| Age group | Born in Australia | | | Born outside Australia | | |
|-------------|-------------------|---------|---------|------------------------|---------|---------|
| | Males | Females | Persons | Males | Females | Persons |
| 15-64 | 85.4 | 61.6 | 73.5 | 83.9 | 56.9 | 70.8 |
| 15-19 | 62.6 | 59.3 | 61.0 | 44.7 | 47.5 | 46.1 |
| 20-24 | 91.8 | 78.3 | 85.1 | 82.7 | 74.3 | 78.5 |
| 25-34 | 95.9 | 65.8 | 80.9 | 94.9 | 63.1 | 78.7 |
| 35-44 | 94.5 | 70.8 | 82.5 | 92.8 | 68.0 | 80.9 |
| 45-54 | 90.4 | 59.8 | 75.1 | 87.6 | 59.0 | 74.3 |
| 55-59 | 75.2 | 34.6 | 54.9 | 75.5 | 27.5 | 52.6 |
| 60-64 | 51.4 | 14.8 | 32.4 | 48.0 | 11.2 | 30.7 |
| 65 and over | 9.9 | 2.6 | 5.7 | 6.8 | 2.1 | 4.3 |
| Total | 76.8 | 52.9 | 64.6 | 73.7 | 48.8 | 61.5 |

(a) See the definition of the labour force participation rate in the Glossary, Appendix A.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE, AUGUST 1989

| | Employed | | Unemployed | | Labour force | Unemployment rate | Participation rate(a) |
|------------------------|-------------------|---------|----------------------------|-------|--------------|-------------------|-----------------------|
| | Full-time workers | Total | Looking for full-time work | Total | | | |
| | | | - '000 - | | - per cent - | | |
| MALES | | | | | | | |
| Born in Australia | 3,069.9 | 3,352.9 | 165.4 | 187.7 | 3,540.7 | 5.3 | 76.8 |
| Born outside Australia | 1,147.6 | 1,218.9 | 65.3 | 73.0 | 1,291.9 | 5.7 | 73.7 |
| Africa | 41.1 | 42.4 | * 2.4 | * 3.2 | 45.6 | * 7.0 | 79.1 |
| America | 41.2 | 44.2 | * 1.2 | * 1.5 | 45.7 | * 3.2 | 79.4 |
| Asia | 194.8 | 213.1 | 19.9 | 22.9 | 235.9 | 9.7 | 74.7 |
| India | 21.4 | 22.3 | * 1.1 | * 1.6 | 23.8 | * 6.5 | 83.2 |
| Lebanon | 18.5 | 20.2 | 6.6 | 6.9 | 27.0 | 25.4 | 71.9 |
| Malaysia | 18.4 | 21.6 | * 0.8 | * 0.9 | 22.5 | * 4.1 | 73.5 |
| Vietnam | 28.5 | 28.9 | 4.9 | 5.1 | 34.0 | 14.9 | 74.8 |
| Europe | 759.4 | 801.6 | 37.5 | 40.6 | 842.2 | 4.8 | 71.5 |
| Germany | 35.8 | 37.4 | * 1.7 | * 1.7 | 39.1 | * 4.4 | 78.4 |
| Greece | 50.0 | 53.0 | * 2.3 | * 2.3 | 55.3 | * 4.2 | 69.9 |
| Italy | 98.8 | 104.1 | * 1.8 | * 2.4 | 106.4 | * 2.2 | 69.1 |
| Malta | 17.7 | 18.3 | * 0.1 | * 0.3 | 18.6 | * 1.4 | 71.1 |
| Netherlands | 37.1 | 38.6 | * 1.0 | * 1.2 | 39.7 | * 3.0 | 74.5 |
| Poland | 14.5 | 15.0 | * 1.2 | * 1.7 | 16.7 | * 10.2 | 42.4 |
| UK and Ireland | 380.7 | 403.9 | 18.7 | 19.8 | 423.7 | 4.7 | 74.1 |
| Yugoslavia | 61.2 | 64.3 | 3.8 | 3.8 | 68.1 | 5.6 | 73.9 |
| Oceania | 111.1 | 117.6 | 4.3 | 4.9 | 122.5 | 4.0 | 85.1 |
| New Zealand | 90.3 | 95.9 | 3.9 | 4.5 | 100.4 | 4.5 | 85.9 |
| MARRIED FEMALES | | | | | | | |
| Born in Australia | 699.5 | 1,377.0 | 26.5 | 50.0 | 1,426.9 | 3.5 | 51.8 |
| Born outside Australia | 322.9 | 549.9 | 20.1 | 29.3 | 579.3 | 5.1 | 50.1 |
| Africa | 14.7 | 21.2 | * 0.7 | * 1.3 | 22.5 | * 5.9 | 58.1 |
| America | 12.2 | 20.6 | * 1.2 | * 1.3 | 22.0 | * 6.0 | 64.5 |
| Asia | 76.3 | 104.4 | 6.4 | 7.9 | 112.3 | 7.1 | 52.2 |
| India | 8.4 | 12.9 | * 0.2 | * 0.3 | 13.2 | * 2.6 | 67.5 |
| Lebanon | 3.5 | 4.7 | * 0.9 | * 1.4 | 6.1 | * 22.2 | 24.8 |
| Malaysia | 6.6 | 10.2 | * 0.0 | * 0.0 | 10.2 | * 0.0 | 59.9 |
| Vietnam | 12.0 | 13.4 | * 0.6 | * 0.6 | 14.0 | * 4.5 | 65.1 |
| Europe | 192.1 | 358.4 | 10.1 | 16.1 | 374.5 | 4.3 | 47.3 |
| Germany | 9.8 | 16.6 | * 0.9 | * 1.4 | 18.0 | * 7.6 | 49.7 |
| Greece | 16.3 | 25.1 | * 0.2 | * 1.4 | 26.5 | * 5.1 | 46.2 |
| Italy | 17.7 | 35.9 | * 0.2 | * 1.0 | 36.9 | * 2.7 | 34.6 |
| Malta | 5.6 | 9.1 | * 0.2 | * 0.7 | 9.8 | * 7.5 | 45.2 |
| Netherlands | 5.4 | 11.6 | * 0.5 | * 0.5 | 12.0 | * 4.0 | 38.3 |
| Poland | 5.3 | 8.4 | * 0.7 | * 0.7 | 9.1 | * 7.2 | 39.8 |
| UK and Ireland | 89.6 | 187.9 | 5.1 | 7.7 | 195.6 | 3.9 | 50.4 |
| Yugoslavia | 24.5 | 32.6 | * 1.2 | * 1.2 | 33.8 | * 3.7 | 55.0 |
| Oceania | 27.7 | 45.4 | * 1.7 | * 2.6 | 48.0 | * 5.4 | 62.7 |
| New Zealand | 20.9 | 36.6 | * 0.6 | * 1.3 | 37.8 | * 3.4 | 63.4 |
| ALL FEMALES | | | | | | | |
| Born in Australia | 1,410.5 | 2,388.8 | 97.2 | 149.4 | 2,538.1 | 5.9 | 52.9 |
| Born outside Australia | 480.9 | 766.9 | 42.2 | 59.3 | 826.3 | 7.2 | 48.8 |
| Africa | 19.3 | 28.2 | * 1.0 | * 1.7 | 30.0 | * 5.8 | 55.0 |
| America | 21.1 | 32.1 | * 1.5 | * 2.2 | 34.3 | * 6.3 | 62.3 |
| Asia | 107.2 | 148.3 | 11.2 | 15.7 | 164.0 | 9.6 | 49.5 |
| India | 11.5 | 17.1 | * 0.5 | * 0.6 | 17.7 | * 3.4 | 59.8 |
| Lebanon | 5.2 | 8.4 | * 1.6 | * 2.1 | 10.5 | * 20.3 | 30.5 |
| Malaysia | 10.0 | 15.1 | * 0.1 | * 0.4 | 15.5 | * 2.3 | 59.8 |
| Vietnam | 15.3 | 18.6 | * 1.7 | * 1.7 | 20.3 | * 8.5 | 50.7 |
| Europe | 278.7 | 476.4 | 24.1 | 34.0 | 510.3 | 6.7 | 45.7 |
| Germany | 13.5 | 22.1 | * 1.4 | * 2.0 | 24.1 | * 8.5 | 46.4 |
| Greece | 20.0 | 30.5 | * 0.7 | * 1.8 | 32.3 | * 5.5 | 44.0 |
| Italy | 23.6 | 43.5 | * 0.8 | * 1.5 | 45.1 | * 3.4 | 33.1 |
| Malta | 6.9 | 11.0 | * 0.6 | * 1.1 | 12.1 | * 9.0 | 44.4 |
| Netherlands | 8.2 | 15.2 | * 0.6 | * 0.7 | 15.9 | * 4.4 | 37.8 |
| Poland | 6.2 | 10.1 | * 1.2 | * 1.7 | 11.7 | * 14.2 | 35.7 |
| UK and Ireland | 144.7 | 262.7 | 14.0 | 19.2 | 281.8 | 6.8 | 49.1 |
| Yugoslavia | 27.9 | 37.2 | * 1.9 | * 2.2 | 39.4 | * 5.6 | 51.5 |
| Oceania | 54.7 | 81.9 | 4.3 | 5.7 | 87.7 | 6.6 | 65.7 |
| New Zealand | 42.2 | 65.0 | * 2.3 | * 3.3 | 68.3 | * 4.8 | 66.6 |
| PERSONS | | | | | | | |
| Born in Australia | 4,480.4 | 5,741.7 | 262.6 | 337.1 | 6,078.8 | 5.5 | 64.0 |
| Born outside Australia | 1,628.5 | 1,985.9 | 107.5 | 132.3 | 2,118.2 | 6.2 | 61.5 |
| Africa | 60.4 | 70.7 | * 3.4 | 4.9 | 75.6 | 6.5 | 67.4 |
| America | 62.3 | 76.3 | * 2.8 | 3.6 | 80.0 | 4.5 | 71.0 |
| Asia | 301.9 | 361.4 | 31.1 | 38.6 | 399.9 | 9.6 | 61.8 |
| India | 32.9 | 39.3 | * 1.6 | * 2.2 | 41.5 | * 5.2 | 71.3 |
| Lebanon | 23.7 | 28.6 | 8.3 | 9.0 | 37.5 | 23.9 | 52.1 |
| Malaysia | 28.5 | 36.7 | * 0.9 | * 1.3 | 38.0 | * 3.3 | 67.2 |
| Vietnam | 43.8 | 47.5 | 6.7 | 6.8 | 54.3 | 12.5 | 63.5 |
| Europe | 1,038.1 | 1,277.9 | 61.6 | 74.6 | 1,352.6 | 5.5 | 58.9 |
| Germany | 49.3 | 59.4 | * 3.2 | 3.8 | 63.2 | 6.0 | 62.1 |
| Greece | 70.0 | 83.5 | * 3.0 | 4.1 | 87.6 | 4.7 | 57.4 |
| Italy | 122.4 | 147.6 | * 2.6 | 3.9 | 151.5 | 2.6 | 52.2 |
| Malta | 24.7 | 29.3 | * 0.7 | * 1.3 | 30.6 | * 4.4 | 57.5 |
| Netherlands | 45.3 | 53.8 | * 1.6 | * 1.9 | 55.7 | * 3.4 | 58.3 |
| Poland | 20.7 | 25.0 | * 2.3 | * 3.4 | 28.4 | * 11.8 | 39.3 |
| UK and Ireland | 525.4 | 666.6 | 32.7 | 39.0 | 705.6 | 5.5 | 61.6 |
| Yugoslavia | 89.1 | 101.5 | 5.7 | 6.0 | 107.5 | 5.6 | 63.8 |
| Oceania | 165.8 | 199.5 | 8.6 | 10.6 | 210.1 | 5.0 | 75.8 |
| New Zealand | 132.6 | 160.9 | 6.2 | 7.8 | 168.7 | 4.6 | 76.9 |

(a) See the definition of the labour force participation rate in the Glossary, Appendix A.

TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, AUGUST 1989

| Period of arrival | Europe | | | Oceania | | Total | | Total | | | Persons |
|----------------------------------|--------|---------|-------|------------------|-----------------|-------------|-------|-------|---------|-------|---------|
| | Africa | America | Asia | U.K. and Ireland | Other countries | New Zealand | Total | Males | Married | Total | |
| EMPLOYED ('000) | | | | | | | | | | | |
| Before 1971 | 25.4 | 14.8 | 73.3 | 385.8 | 463.4 | 25.9 | 35.1 | 641.4 | 276.5 | 356.3 | 997.8 |
| 1971 - 1975 | 10.1 | 25.8 | 44.5 | 110.6 | 66.3 | 13.4 | 18.5 | 162.2 | 75.0 | 113.6 | 275.8 |
| 1976 - 1980 | 8.3 | 12.8 | 70.4 | 53.5 | 29.8 | 33.3 | 37.2 | 117.3 | 60.7 | 94.7 | 212.1 |
| 1981 - 1985 | 10.3 | 12.3 | 83.6 | 64.1 | 31.6 | 35.9 | 41.5 | 142.9 | 72.6 | 100.6 | 243.4 |
| 1986 to survey date | 16.6 | 10.6 | 89.6 | 52.6 | 20.3 | 52.4 | 67.2 | 155.1 | 65.2 | 101.7 | 256.9 |
| UNEMPLOYED ('000) | | | | | | | | | | | |
| Before 1971 | * 1.4 | * 0.5 | 4.9 | 20.8 | 19.5 | * 1.0 | * 1.2 | 28.7 | 9.8 | 19.7 | 48.4 |
| 1971 - 1975 | * 0.3 | * 0.7 | * 2.5 | 7.4 | 5.1 | * 1.3 | * 1.7 | 8.8 | 5.0 | 8.9 | 17.7 |
| 1976 - 1980 | * 0.8 | * 1.2 | 9.0 | * 2.2 | * 2.4 | * 0.7 | * 0.9 | 9.8 | * 2.3 | 6.7 | 16.5 |
| 1981 - 1985 | * 0.7 | * 0.3 | 6.8 | 3.7 | 5.0 | * 1.6 | * 2.9 | 9.6 | 4.5 | 9.6 | 19.2 |
| 1986 to survey date | * 1.7 | * 1.0 | 15.4 | 4.8 | 3.7 | * 3.2 | 3.9 | 16.0 | 7.7 | 14.4 | 30.5 |
| LABOUR FORCE ('000) | | | | | | | | | | | |
| Before 1971 | 26.9 | 15.2 | 78.2 | 406.6 | 482.9 | 26.9 | 36.4 | 670.1 | 286.3 | 376.0 | 1,046.1 |
| 1971 - 1975 | 10.3 | 26.5 | 47.0 | 118.0 | 71.4 | 14.7 | 20.2 | 170.9 | 80.0 | 122.6 | 293.5 |
| 1976 - 1980 | 9.1 | 14.1 | 79.4 | 55.7 | 32.2 | 34.0 | 38.1 | 127.2 | 63.0 | 101.4 | 228.6 |
| 1981 - 1985 | 11.0 | 12.5 | 90.4 | 67.8 | 36.6 | 37.5 | 44.4 | 152.5 | 77.1 | 110.2 | 262.7 |
| 1986 to survey date | 18.3 | 11.6 | 104.9 | 57.4 | 24.0 | 55.5 | 71.1 | 171.2 | 72.9 | 116.1 | 287.3 |
| UNEMPLOYMENT RATE (per cent) | | | | | | | | | | | |
| Before 1971 | * 5.3 | * 3.2 | 6.3 | 5.1 | 4.0 | * 3.6 | * 3.4 | 4.3 | 3.4 | 5.2 | 4.6 |
| 1971 - 1975 | * 2.6 | * 2.6 | * 5.4 | 6.3 | 7.1 | * 8.8 | * 8.3 | 5.1 | 6.3 | 7.3 | 6.0 |
| 1976 - 1980 | * 8.7 | * 8.8 | 11.3 | * 4.0 | * 7.4 | * 2.1 | * 2.3 | 7.7 | * 3.6 | 6.6 | 7.2 |
| 1981 - 1985 | * 6.5 | * 2.0 | 7.5 | 5.4 | 13.5 | * 4.4 | * 6.5 | 6.3 | 5.8 | 8.7 | 7.3 |
| 1986 to survey date | * 9.4 | * 8.2 | 14.7 | 8.4 | 15.4 | * 5.7 | 5.5 | 9.4 | 10.6 | 12.4 | 10.6 |
| PARTICIPATION RATE(a) (per cent) | | | | | | | | | | | |
| Before 1971 | 59.4 | 67.9 | 61.7 | 54.9 | 53.2 | 58.1 | 62.6 | 67.7 | 43.9 | 41.3 | 55.1 |
| 1971 - 1975 | 65.7 | 79.4 | 64.9 | 73.6 | 69.8 | 69.2 | 69.9 | 83.7 | 57.9 | 58.7 | 71.1 |
| 1976 - 1980 | 71.5 | 70.6 | 69.5 | 72.3 | 69.3 | 80.9 | 78.7 | 83.4 | 61.9 | 60.9 | 71.7 |
| 1981 - 1985 | 76.4 | 72.7 | 62.2 | 74.5 | 68.6 | 85.5 | 83.1 | 81.4 | 62.8 | 58.9 | 70.1 |
| 1986 to survey date | 75.8 | 59.2 | 55.7 | 74.5 | 59.0 | 84.3 | 80.4 | 78.2 | 52.0 | 52.9 | 65.5 |

(a) See the definition of the labour force participation rate in the Glossary, Appendix A.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, AUGUST 1989 ('000)

| | Age group | | | | | | | | Total |
|-------------------|-----------|---------|---------|---------|---------|-------|-------|-------------|---------|
| | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55-59 | 60-64 | 65 and over | |
| MALES | | | | | | | | | |
| Full-time workers | 254.7 | 495.1 | 1,195.5 | 1,104.9 | 743.4 | 241.2 | 143.7 | 38.9 | 4,217.5 |
| Part-time workers | 117.3 | 53.9 | 47.1 | 34.1 | 26.7 | 23.8 | 24.0 | 27.4 | 354.4 |
| Total | 372.0 | 549.1 | 1,242.6 | 1,139.1 | 770.1 | 265.0 | 167.7 | 66.3 | 4,571.9 |
| MARRIED FEMALES | | | | | | | | | |
| Full-time workers | 7.2 | 98.5 | 315.5 | 342.4 | 197.7 | 42.2 | 13.1 | 5.8 | 1,022.4 |
| Part-time workers | * 3.4 | 32.4 | 260.7 | 350.4 | 188.3 | 40.4 | 21.4 | 7.6 | 904.5 |
| Total | 10.6 | 130.9 | 576.1 | 692.8 | 386.0 | 82.5 | 34.4 | 13.4 | 1,926.9 |
| ALL FEMALES | | | | | | | | | |
| Full-time workers | 175.8 | 365.5 | 534.8 | 453.5 | 270.1 | 61.6 | 20.1 | 10.2 | 1,891.5 |
| Part-time workers | 160.0 | 102.7 | 309.3 | 384.2 | 215.0 | 51.0 | 28.8 | 13.3 | 1,264.2 |
| Total | 335.8 | 468.2 | 844.0 | 837.6 | 485.1 | 112.6 | 49.0 | 23.5 | 3,155.7 |
| PERSONS | | | | | | | | | |
| Full-time workers | 430.4 | 860.6 | 1,730.2 | 1,558.4 | 1,013.6 | 302.7 | 163.8 | 49.2 | 6,108.9 |
| Part-time workers | 277.3 | 156.6 | 356.4 | 418.3 | 241.7 | 74.8 | 52.9 | 40.7 | 1,618.6 |
| Total | 707.7 | 1,017.2 | 2,086.7 | 1,976.7 | 1,255.3 | 377.5 | 216.7 | 89.8 | 7,727.6 |

TABLE 17. HOURS WORKED BY EMPLOYED PERSONS, AUGUST 1989

| | Females | | | Total | Persons |
|------------------------------------------------------------------------------------------|---------|---------|-------------|---------|---------|
| | Males | Married | Not married | | |
| NUMBER EMPLOYED ('000) | | | | | |
| Weekly hours worked - | | | | | |
| 0 | 213.6 | 96.6 | 50.5 | 147.0 | 360.6 |
| 1-15 | 216.6 | 390.2 | 211.8 | 601.9 | 818.5 |
| 16-29 | 240.7 | 416.6 | 136.9 | 553.5 | 794.2 |
| 30-34 | 285.1 | 176.0 | 92.3 | 268.3 | 553.5 |
| 35-39 | 744.0 | 315.7 | 274.9 | 590.6 | 1,334.6 |
| 40 | 960.7 | 246.0 | 237.3 | 483.3 | 1,444.0 |
| 41-44 | 281.9 | 72.8 | 63.7 | 136.5 | 418.5 |
| 45-48 | 459.9 | 72.0 | 71.7 | 143.6 | 603.5 |
| 49 and over | 1,169.4 | 141.1 | 89.8 | 230.9 | 1,400.3 |
| Total | 4,571.9 | 1,926.9 | 1,228.8 | 3,155.7 | 7,727.6 |
| WEEKLY HOURS WORKED | | | | | |
| Aggregate weekly hours worked (million) | 186.2 | 54.5 | 38.5 | 93.0 | 279.2 |
| By full-time workers | 181.1 | 39.8 | 33.5 | 73.2 | 254.3 |
| By part-time workers | 5.1 | 14.7 | 5.0 | 19.7 | 24.8 |
| Average weekly hours worked | 40.7 | 28.3 | 31.3 | 29.5 | 36.1 |
| By full-time workers | 42.9 | 38.9 | 38.5 | 38.7 | 41.6 |
| By part-time workers | 14.4 | 16.3 | 14.0 | 15.6 | 15.3 |
| By wage and salary earners | 39.5 | 28.3 | 31.2 | 29.5 | 35.3 |
| By other than wage and salary earners | 46.3 | 28.3 | 33.1 | 29.0 | 40.7 |
| Average weekly hours worked by persons who worked one hour or more in the reference week | 42.7 | 29.8 | 32.7 | 30.9 | 37.9 |
| By full-time workers | 45.0 | 41.0 | 40.1 | 40.6 | 43.6 |
| By part-time workers | 15.2 | 17.1 | 14.6 | 16.4 | 16.1 |

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, AUGUST 1989 (per cent)

| Age group | Males | | | Females | | | Persons |
|-------------|---------|-------------|-------|---------|-------------|-------|---------|
| | Married | Not married | Total | Married | Not married | Total | |
| 15-19 | 74.2 | 51.8 | 52.0 | 43.4 | 49.0 | 48.8 | 50.4 |
| 20-24 | 88.8 | 80.8 | 82.1 | 61.1 | 76.2 | 71.3 | 76.8 |
| 25-34 | 92.9 | 84.9 | 89.9 | 57.0 | 72.7 | 61.2 | 75.6 |
| 35-44 | 92.2 | 79.7 | 90.0 | 67.6 | 65.0 | 67.1 | 78.7 |
| 45-54 | 88.6 | 73.6 | 86.1 | 56.8 | 57.5 | 56.9 | 71.9 |
| 55-59 | 75.0 | 55.1 | 71.5 | 30.2 | 34.5 | 31.3 | 51.7 |
| 60-64 | 49.2 | 33.7 | 46.2 | 13.5 | 12.7 | 13.3 | 29.6 |
| 65 and over | 9.3 | 5.4 | 8.4 | 3.0 | 1.6 | 2.2 | 4.8 |
| Total | 74.6 | 64.9 | 70.9 | 49.1 | 45.5 | 47.6 | 59.1 |

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, AUGUST 1989 ('000)

| Reason for working less than 35 hours | Females | | | Total | Persons |
|----------------------------------------------|---------|---------|-------------|-------|---------|
| | Males | Married | Not married | | |
| Leave, holiday or flextime | 274.5 | 78.6 | 57.7 | 136.3 | 410.8 |
| Own illness or injury | 152.8 | 59.7 | 46.9 | 106.5 | 259.3 |
| Bad weather, plant breakdown, etc. | 29.1 | * 2.7 | * 0.7 | * 3.4 | 32.5 |
| Began or left job in the reference week | 9.8 | * 1.6 | 4.9 | 6.6 | 16.4 |
| Stood down, on short time, insufficient work | 31.7 | 6.9 | * 2.5 | 9.3 | 41.0 |
| Shift work, standard work arrangements | 75.4 | 19.7 | 15.8 | 35.5 | 110.8 |
| Other reasons | 28.2 | 5.7 | * 3.3 | 9.0 | 37.2 |
| Total | 601.6 | 174.8 | 131.7 | 306.6 | 908.1 |

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, AUGUST 1989 ('000)

| | Age group | | | | | | Total |
|-------------------------------------------------------------------------------------------|-----------|-------|-------|-------|-------|-------------|---------|
| | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55 and over | |
| MALES | | | | | | | |
| Total | 117.3 | 53.9 | 47.1 | 34.1 | 26.7 | 75.2 | 354.4 |
| Preferred not to work more hours | 92.3 | 38.4 | 31.4 | 23.9 | 18.2 | 67.0 | 271.2 |
| Preferred to work more hours | 25.0 | 15.5 | 15.8 | 10.2 | 8.5 | 8.2 | 83.2 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 7.4 | 10.9 | 8.7 | 5.3 | 4.3 | * 2.4 | 38.9 |
| MARRIED FEMALES | | | | | | | |
| Total | * 3.4 | 32.4 | 260.7 | 350.4 | 188.3 | 69.3 | 904.5 |
| Preferred not to work more hours | * 2.2 | 26.0 | 223.9 | 309.5 | 168.4 | 64.7 | 794.7 |
| Preferred to work more hours | * 1.2 | 6.4 | 36.8 | 40.9 | 19.8 | 4.7 | 109.8 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | * 0.7 | * 2.2 | 8.6 | 6.5 | * 3.1 | * 0.5 | 21.6 |
| ALL FEMALES | | | | | | | |
| Total | 160.0 | 102.7 | 309.3 | 384.2 | 215.0 | 93.1 | 1,264.2 |
| Preferred not to work more hours | 126.0 | 72.0 | 259.4 | 334.3 | 188.7 | 86.9 | 1,067.4 |
| Preferred to work more hours | 34.0 | 30.7 | 49.8 | 49.9 | 26.2 | 6.2 | 196.8 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 12.8 | 14.6 | 13.8 | 9.1 | 5.2 | * 0.6 | 56.2 |
| PERSONS | | | | | | | |
| Total | 277.3 | 156.6 | 356.4 | 418.3 | 241.7 | 168.3 | 1,618.6 |
| Preferred not to work more hours | 218.3 | 110.4 | 290.8 | 358.2 | 206.9 | 153.9 | 1,338.6 |
| Preferred to work more hours | 59.0 | 46.2 | 65.6 | 60.1 | 34.8 | 14.4 | 280.0 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 20.2 | 25.5 | 22.5 | 14.5 | 9.5 | * 3.0 | 95.1 |

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, AUGUST 1989 ('000)

| | Hours worked by persons who worked in the reference week | | | | | | Persons who did not work in the reference week | Total |
|-------------------------------------------------------------------------------------------|----------------------------------------------------------|-------|-------|-------|-------|-------|------------------------------------------------|---------|
| | 1-5 | 6-10 | 11-15 | 16-20 | 21-29 | 30-34 | | |
| MALES | | | | | | | | |
| Total | 58.2 | 81.8 | 43.8 | 54.6 | 51.7 | 45.6 | 18.7 | 354.4 |
| Preferred not to work more hours | 42.0 | 63.7 | 34.8 | 40.2 | 35.1 | 39.1 | 16.3 | 271.2 |
| Preferred to work more hours | 16.2 | 18.1 | 9.0 | 14.4 | 16.6 | 6.6 | * 2.4 | 83.2 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 5.7 | 9.7 | 3.7 | 8.4 | 7.5 | * 2.8 | * 1.2 | 38.9 |
| MARRIED FEMALES | | | | | | | | |
| Total | 94.9 | 156.3 | 127.0 | 183.4 | 189.6 | 108.1 | 45.3 | 904.5 |
| Preferred not to work more hours | 72.7 | 130.4 | 110.3 | 165.4 | 176.1 | 99.5 | 40.4 | 794.7 |
| Preferred to work more hours | 22.2 | 26.0 | 16.6 | 18.0 | 13.6 | 8.6 | 4.9 | 109.8 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 4.6 | 4.7 | * 3.1 | * 2.8 | 3.7 | * 1.7 | * 0.9 | 21.6 |
| ALL FEMALES | | | | | | | | |
| Total | 160.7 | 250.1 | 170.9 | 228.7 | 244.4 | 148.5 | 60.9 | 1,264.2 |
| Preferred not to work more hours | 122.9 | 205.4 | 143.6 | 198.1 | 214.7 | 130.1 | 52.7 | 1,067.4 |
| Preferred to work more hours | 37.9 | 44.8 | 27.4 | 30.6 | 29.7 | 18.4 | 8.2 | 196.8 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 8.9 | 12.4 | 8.3 | 8.8 | 9.7 | 6.0 | * 2.0 | 56.2 |
| PERSONS | | | | | | | | |
| Total | 218.9 | 331.9 | 214.7 | 283.3 | 296.1 | 194.1 | 79.6 | 1,618.6 |
| Preferred not to work more hours | 164.9 | 269.1 | 178.4 | 238.3 | 249.8 | 169.2 | 69.0 | 1,338.6 |
| Preferred to work more hours | 54.0 | 62.8 | 36.3 | 45.0 | 46.3 | 24.9 | 10.6 | 280.0 |
| Had actively looked for full-time work in the four weeks to the end of the reference week | 14.6 | 22.1 | 12.1 | 17.2 | 17.2 | 8.8 | * 3.2 | 95.1 |

TABLE 22. EMPLOYED PERSONS: INDUSTRY OF FULL-TIME AND PART-TIME WORKERS, AUGUST 1989 ('000)

| Industry division or subdivision | Full-time workers | | Part-time workers | | Total | | | Persons |
|------------------------------------------|-------------------|---------|-------------------|---------|---------|---------|---------|---------|
| | Males | Females | Males | Females | Females | | | |
| | | | | | Males | Married | Total | |
| Agriculture, forestry, fishing & hunting | 265.7 | 53.5 | 25.5 | 61.5 | 291.3 | 97.1 | 115.0 | 406.2 |
| Agriculture & services to agriculture | 245.7 | 52.3 | 23.3 | 58.8 | 269.0 | 93.3 | 111.1 | 380.1 |
| Forestry & logging, fishing & hunting | 20.0 | * 1.2 | * 2.3 | * 2.6 | 22.3 | 3.8 | 3.8 | 26.1 |
| Mining | 93.1 | 10.2 | * 1.0 | * 1.1 | 94.1 | 7.6 | 11.3 | 105.4 |
| Manufacturing | 870.4 | 263.1 | 24.9 | 77.6 | 895.3 | 235.2 | 340.7 | 1,236.0 |
| Food, beverages and tobacco | 128.4 | 40.4 | 4.9 | 19.0 | 133.3 | 42.8 | 59.4 | 192.6 |
| Metal products | 166.8 | 25.1 | * 3.3 | 8.5 | 170.2 | 22.8 | 33.6 | 203.7 |
| Other manufacturing | 575.2 | 197.7 | 16.7 | 50.1 | 591.9 | 169.6 | 247.8 | 839.7 |
| Electricity, gas and water | 102.3 | 9.6 | * 0.7 | * 0.8 | 103.0 | 5.1 | 10.4 | 113.4 |
| Construction | 504.1 | 26.2 | 21.8 | 49.3 | 526.0 | 60.4 | 75.4 | 601.4 |
| Wholesale and retail trade | 759.2 | 378.9 | 112.4 | 356.5 | 871.5 | 397.2 | 735.4 | 1,606.9 |
| Wholesale trade | 323.5 | 104.9 | 14.4 | 46.4 | 337.9 | 91.8 | 151.4 | 489.2 |
| Retail trade | 435.7 | 274.0 | 97.9 | 310.1 | 533.6 | 305.4 | 584.1 | 1,117.7 |
| Transport and storage | 309.8 | 60.4 | 15.3 | 21.9 | 325.1 | 49.5 | 82.4 | 407.5 |
| Communication | 99.3 | 29.6 | * 2.2 | 8.6 | 101.5 | 22.6 | 38.3 | 139.8 |
| Finance, property and business services | 415.6 | 297.1 | 35.6 | 126.9 | 451.2 | 234.9 | 424.0 | 875.2 |
| Public administration and defence | 193.1 | 102.6 | 4.3 | 24.0 | 197.3 | 69.9 | 126.7 | 324.0 |
| Community services | 426.4 | 507.1 | 50.1 | 373.3 | 476.5 | 583.1 | 880.4 | 1,356.9 |
| Recreation, personal and other services | 178.4 | 153.0 | 60.6 | 162.7 | 239.0 | 164.3 | 315.7 | 554.7 |
| Total | 4,217.5 | 1,891.5 | 354.4 | 1,264.2 | 4,571.9 | 1,926.9 | 3,155.7 | 7,727.6 |

TABLE 23. EMPLOYED PERSONS: INDUSTRY AND STATUS OF WORKER, AUGUST 1989 ('000)

| Industry division or subdivision | Employers | | Self-employed | | Wage and salary earners | | Total (a) | | |
|------------------------------------------|-----------|---------|---------------|---------|-------------------------|---------|-----------|---------|---------|
| | Males | Females | Males | Females | Males | Females | Males | Females | Persons |
| | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 38.7 | 17.2 | 134.1 | 55.2 | 109.5 | 35.2 | 291.3 | 115.0 | 406.2 |
| Agriculture & services to agriculture | 36.5 | 16.4 | 126.9 | 54.2 | 96.7 | 33.2 | 269.0 | 111.1 | 380.1 |
| Forestry & logging, fishing & hunting | * 2.2 | * 0.7 | 7.1 | * 1.0 | 12.8 | * 2.0 | 22.3 | 3.8 | 26.1 |
| Mining | * 0.4 | * 0.2 | * 2.2 | * 0.2 | 91.4 | 11.0 | 94.1 | 11.3 | 105.4 |
| Manufacturing | 19.1 | 6.1 | 28.5 | 15.8 | 846.0 | 315.9 | 895.3 | 340.7 | 1,236.0 |
| Food, beverages and tobacco | 4.1 | * 2.3 | * 0.9 | * 0.9 | 128.1 | 56.1 | 133.3 | 59.4 | 192.6 |
| Metal products | * 3.0 | * 0.7 | 6.6 | * 1.4 | 160.4 | 31.4 | 170.2 | 33.6 | 203.7 |
| Other manufacturing | 12.0 | * 3.1 | 20.9 | 13.5 | 557.5 | 228.3 | 591.9 | 247.8 | 839.7 |
| Electricity, gas and water | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 103.0 | 10.4 | 103.0 | 10.4 | 113.4 |
| Construction | 48.2 | 11.5 | 145.3 | 19.1 | 331.1 | 39.9 | 526.0 | 75.4 | 601.4 |
| Wholesale and retail trade | 66.8 | 39.6 | 84.1 | 57.3 | 715.8 | 630.3 | 871.5 | 735.4 | 1,606.9 |
| Wholesale trade | 11.5 | 4.4 | 18.5 | 8.3 | 306.8 | 138.0 | 337.9 | 151.4 | 489.2 |
| Retail trade | 55.4 | 35.1 | 65.6 | 49.1 | 409.1 | 492.3 | 533.6 | 584.1 | 1,117.7 |
| Transport and storage | 13.6 | * 3.3 | 46.4 | 7.9 | 264.6 | 70.1 | 325.1 | 82.4 | 407.5 |
| Communication | * 0.3 | * 0.3 | * 0.5 | * 0.5 | 100.7 | 37.1 | 101.5 | 38.3 | 139.8 |
| Finance, property and business services | 36.4 | 8.3 | 45.1 | 29.6 | 368.0 | 383.4 | 451.2 | 424.0 | 875.2 |
| Public administration and defence | * 0.0 | * 0.0 | * 0.0 | * 0.0 | 197.3 | 126.7 | 197.3 | 126.7 | 324.0 |
| Community services | 15.3 | 5.4 | 13.6 | 23.1 | 447.7 | 850.3 | 476.5 | 880.4 | 1,356.9 |
| Recreation, personal and other services | 17.9 | 21.3 | 35.1 | 30.6 | 184.3 | 261.3 | 239.0 | 315.7 | 554.7 |
| Total | 256.7 | 113.0 | 534.8 | 239.3 | 3,759.5 | 2,771.6 | 4,571.9 | 3,155.7 | 7,727.6 |
| Full-time workers | 247.3 | 66.3 | 473.9 | 107.0 | 3,489.6 | 1,714.5 | 4,217.5 | 1,891.5 | 6,108.9 |

(a) Includes unpaid family helpers.

TABLE 24. EMPLOYED PERSONS: INDUSTRY, AGE AND BIRTHPLACE, AUGUST 1989 ('00)

| Industry division or subdivision | Age group | | | | | | Total | Born in | |
|------------------------------------------|-----------|---------|---------|---------|---------|-------------|---------|-----------|------------------------|
| | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55 and over | | Australia | Born outside Australia |
| | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 22.9 | 36.9 | 91.8 | 94.3 | 77.8 | 82.6 | 406.2 | 361.6 | 44.7 |
| Agriculture & services to agriculture | 22.2 | 34.0 | 82.1 | 86.6 | 75.1 | 80.1 | 380.1 | 339.0 | 41.1 |
| Forestry & logging, fishing & hunting | * 0.6 | * 2.9 | 9.7 | 7.8 | * 2.7 | * 2.4 | 26.1 | 22.6 | 3.6 |
| Mining | 4.4 | 12.8 | 35.3 | 31.9 | 16.1 | 4.8 | 105.4 | 82.3 | 23.1 |
| Manufacturing | 95.0 | 162.1 | 339.2 | 309.7 | 213.0 | 117.1 | 1,236.0 | 763.8 | 472.2 |
| Food, beverages and tobacco | 16.0 | 24.2 | 55.1 | 48.1 | 32.9 | 16.4 | 192.6 | 142.8 | 49.8 |
| Metal products | 17.0 | 24.0 | 52.9 | 52.2 | 38.4 | 19.3 | 203.7 | 131.5 | 72.2 |
| Other manufacturing | 61.9 | 113.9 | 231.2 | 209.4 | 141.7 | 81.5 | 839.7 | 489.4 | 350.2 |
| Electricity, gas and water | 6.6 | 13.1 | 29.1 | 32.6 | 19.7 | 12.3 | 113.4 | 95.7 | 17.8 |
| Construction | 47.2 | 73.9 | 184.8 | 154.5 | 100.0 | 41.1 | 601.4 | 424.2 | 177.3 |
| Wholesale and retail trade | 308.5 | 239.5 | 377.5 | 354.8 | 215.6 | 111.0 | 1,606.9 | 1,236.7 | 370.3 |
| Wholesale trade | 32.2 | 60.0 | 145.2 | 129.9 | 78.8 | 43.2 | 489.2 | 363.4 | 125.8 |
| Retail trade | 276.3 | 179.6 | 232.3 | 224.9 | 136.8 | 67.8 | 1,117.7 | 873.2 | 244.5 |
| Transport and storage | 14.6 | 42.4 | 119.8 | 116.8 | 75.0 | 38.9 | 407.5 | 306.1 | 101.4 |
| Communication | * 3.4 | 16.0 | 44.4 | 38.4 | 25.2 | 12.4 | 139.8 | 107.5 | 32.2 |
| Finance, property and business services | 72.9 | 147.5 | 255.8 | 210.9 | 117.4 | 70.8 | 875.2 | 653.9 | 221.3 |
| Public administration and defence | 15.2 | 37.4 | 95.4 | 92.6 | 56.5 | 27.0 | 324.0 | 263.3 | 60.7 |
| Community services | 40.9 | 136.1 | 375.3 | 413.4 | 266.5 | 124.6 | 1,356.9 | 1,035.7 | 321.2 |
| Recreation, personal and other services | 76.2 | 99.5 | 138.2 | 126.8 | 72.6 | 41.5 | 554.7 | 411.0 | 143.7 |
| Total | 707.7 | 1,017.2 | 2,086.7 | 1,976.7 | 1,255.3 | 684.0 | 7,727.6 | 5,741.7 | 1,985.9 |

TABLE 25. EMPLOYED PERSONS: INDUSTRY AND HOURS WORKED, AUGUST 1989

| Industry division or subdivision | Hours worked | | | | | | | | | Total | Average weekly hours worked (hours) |
|------------------------------------------|--------------|-------|-------|-------|---------|---------|-------|-------|-------------|---------|-------------------------------------|
| | 0 | 1-15 | 16-29 | 30-34 | 35-39 | 40 | 41-44 | 45-48 | 49 and over | | |
| | -'000 - | | | | | | | | | | |
| MALES | | | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 15.4 | 15.4 | 18.6 | 14.6 | 18.7 | 46.2 | 8.5 | 21.1 | 132.6 | 291.3 | 46.0 |
| Agriculture & services to agriculture | 12.9 | 15.0 | 16.7 | 11.8 | 16.4 | 42.4 | 8.2 | 19.9 | 125.7 | 269.0 | 46.5 |
| Forestry & logging, fishing & hunting | * 2.4 | * 0.4 | * 1.9 | * 2.9 | * 2.3 | 3.9 | * 0.3 | * 1.3 | 6.9 | 22.3 | 39.7 |
| Mining | 7.0 | * 0.5 | * 3.4 | 5.1 | 10.9 | 19.7 | 8.9 | 13.5 | 25.1 | 94.1 | 42.2 |
| Manufacturing | 37.3 | 14.9 | 32.3 | 53.8 | 179.2 | 207.9 | 72.9 | 114.0 | 183.1 | 895.3 | 40.9 |
| Food, beverages and tobacco | 6.3 | * 1.9 | 5.2 | 9.4 | 19.9 | 39.0 | 9.4 | 16.8 | 25.3 | 133.3 | 40.8 |
| Metal products | 7.2 | * 2.4 | 3.8 | 10.9 | 29.2 | 38.9 | 14.1 | 26.5 | 37.2 | 170.2 | 41.5 |
| Other manufacturing | 23.7 | 10.6 | 23.3 | 33.5 | 130.1 | 129.9 | 49.4 | 70.8 | 120.6 | 591.9 | 40.7 |
| Electricity, gas and water | 4.6 | * 1.6 | 5.2 | 16.5 | 34.3 | 19.7 | 5.2 | 8.3 | 7.5 | 103.0 | 36.4 |
| Construction | 27.2 | 13.0 | 25.6 | 36.5 | 61.6 | 142.9 | 23.3 | 65.9 | 130.1 | 526.0 | 40.9 |
| Wholesale and retail trade | 27.0 | 82.8 | 37.7 | 40.1 | 109.6 | 181.0 | 60.8 | 79.7 | 252.9 | 871.5 | 41.0 |
| Wholesale trade | 10.0 | 9.0 | 11.4 | 18.3 | 53.1 | 82.0 | 28.1 | 36.4 | 89.5 | 337.9 | 42.4 |
| Retail trade | 16.9 | 73.7 | 26.3 | 21.8 | 56.5 | 99.0 | 32.8 | 43.4 | 163.3 | 533.6 | 40.2 |
| Transport and storage | 27.0 | 7.7 | 18.7 | 18.5 | 41.0 | 71.4 | 15.6 | 34.6 | 90.7 | 325.1 | 40.9 |
| Communication | 6.1 | * 0.6 | 5.6 | 12.0 | 36.7 | 16.0 | 7.4 | 8.5 | 8.5 | 101.5 | 36.5 |
| Finance, property and business services | 16.6 | 19.3 | 26.6 | 26.0 | 68.5 | 81.2 | 28.2 | 41.1 | 143.7 | 451.2 | 42.0 |
| Public administration and defence | 12.9 | * 3.3 | 12.9 | 19.2 | 67.4 | 37.1 | 15.1 | 11.8 | 17.7 | 197.3 | 36.2 |
| Community services | 24.3 | 21.8 | 29.8 | 31.3 | 89.4 | 100.6 | 27.6 | 43.7 | 107.9 | 476.5 | 39.4 |
| Recreation, personal and other services | 8.2 | 35.6 | 24.3 | 11.6 | 26.6 | 37.1 | 8.3 | 17.7 | 69.5 | 239.0 | 39.0 |
| Total employed | 213.6 | 216.6 | 240.7 | 285.1 | 744.0 | 960.7 | 281.9 | 459.9 | 1,169.4 | 4,571.9 | 40.7 |
| MARRIED FEMALES | | | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 6.6 | 33.0 | 16.6 | 5.7 | 7.2 | 8.2 | * 0.8 | * 3.3 | 15.8 | 97.1 | 26.5 |
| Agriculture & services to agriculture | 6.5 | 31.1 | 15.9 | 5.7 | 6.7 | 7.9 | * 0.8 | * 3.1 | 15.6 | 93.3 | 26.7 |
| Mining | * 0.7 | * 0.7 | * 0.6 | * 0.4 | * 1.9 | * 1.6 | * 0.2 | * 0.7 | * 0.8 | 7.6 | 32.9 |
| Manufacturing | 9.0 | 24.5 | 36.9 | 23.2 | 63.1 | 39.8 | 12.0 | 10.8 | 15.8 | 235.2 | 32.5 |
| Food, beverages and tobacco | * 2.1 | 4.4 | 9.5 | * 3.3 | 7.7 | 8.5 | * 3.2 | * 1.4 | * 2.6 | 42.8 | 31.4 |
| Metal products | * 0.8 | 3.5 | 3.6 | * 3.0 | 5.2 | 3.8 | * 0.7 | * 0.9 | * 1.4 | 22.8 | 30.8 |
| Other manufacturing | 6.1 | 16.6 | 23.9 | 16.9 | 50.2 | 27.5 | 8.1 | 8.5 | 11.7 | 169.6 | 33.0 |
| Electricity, gas and water | * 0.2 | * 0.3 | * 0.9 | * 1.2 | * 0.7 | * 0.9 | * 0.4 | * 0.3 | * 0.2 | 5.1 | 31.6 |
| Construction | * 2.9 | 30.1 | 11.0 | 4.4 | 3.8 | 5.7 | * 0.9 | * 1.1 | * 0.6 | 60.4 | 17.7 |
| Wholesale and retail trade | 16.6 | 86.7 | 92.1 | 31.6 | 54.1 | 44.2 | 16.1 | 16.1 | 39.6 | 397.2 | 28.8 |
| Wholesale trade | 4.4 | 16.8 | 20.0 | 7.0 | 16.9 | 15.6 | 3.5 | * 3.3 | 4.4 | 91.8 | 28.3 |
| Retail trade | 12.3 | 69.9 | 72.2 | 24.6 | 37.2 | 28.5 | 12.7 | 12.9 | 35.1 | 305.4 | 28.9 |
| Transport and storage | * 2.4 | 11.5 | 6.6 | 3.6 | 6.9 | 9.9 | * 2.6 | * 2.2 | 3.7 | 49.5 | 28.8 |
| Communication | * 0.6 | * 2.7 | 3.9 | * 2.2 | 8.3 | * 2.8 | * 1.4 | * 0.5 | * 0.1 | 22.6 | 31.1 |
| Finance, property and business services | 9.7 | 44.3 | 51.2 | 20.5 | 44.7 | 32.2 | 9.9 | 9.6 | 12.9 | 234.9 | 28.8 |
| Public administration and defence | 5.5 | 10.4 | 11.6 | 6.6 | 23.8 | 6.2 | * 2.8 | * 1.5 | * 1.7 | 69.9 | 28.2 |
| Community services | 36.0 | 99.3 | 148.0 | 65.8 | 86.3 | 78.3 | 19.2 | 20.0 | 30.1 | 583.1 | 27.3 |
| Recreation, personal and other services | 6.3 | 46.7 | 37.2 | 11.0 | 14.8 | 16.2 | 6.5 | 6.0 | 19.7 | 164.3 | 28.1 |
| Total employed | 96.6 | 390.2 | 416.6 | 176.0 | 315.7 | 246.0 | 72.8 | 72.0 | 141.1 | 1,926.9 | 28.3 |
| ALL FEMALES | | | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 6.8 | 39.0 | 19.2 | 6.5 | 8.7 | 12.1 | * 0.9 | 3.7 | 18.1 | 115.0 | 26.8 |
| Agriculture & services to agriculture | 6.7 | 37.1 | 18.5 | 6.5 | 8.2 | 11.8 | * 0.9 | 3.6 | 17.8 | 111.1 | 26.9 |
| Mining | * 0.9 | * 0.7 | * 0.8 | * 0.6 | * 2.8 | * 2.2 | * 0.5 | * 1.1 | * 1.6 | 11.3 | 35.1 |
| Manufacturing | 12.9 | 30.4 | 45.2 | 30.8 | 95.6 | 65.4 | 20.4 | 18.0 | 21.9 | 340.7 | 33.4 |
| Food, beverages and tobacco | 3.5 | 6.4 | 11.5 | 5.3 | 11.3 | 11.2 | 4.3 | * 2.3 | 3.6 | 59.4 | 31.1 |
| Metal products | * 1.4 | 3.7 | 4.7 | 3.5 | 8.7 | 5.6 | * 1.9 | * 2.1 | * 1.9 | 33.6 | 32.4 |
| Other manufacturing | 8.1 | 20.2 | 28.9 | 22.0 | 75.6 | 48.6 | 14.2 | 13.7 | 16.4 | 247.8 | 34.0 |
| Electricity, gas and water | * 0.5 | * 0.7 | * 1.6 | * 2.0 | * 2.0 | * 2.3 | * 0.8 | * 0.3 | * 0.3 | 10.4 | 31.6 |
| Construction | * 3.1 | 32.1 | 12.6 | 5.8 | 8.6 | 9.0 | * 1.2 | * 1.9 | * 1.1 | 75.4 | 20.6 |
| Wholesale and retail trade | 29.7 | 195.4 | 125.4 | 52.6 | 118.0 | 95.1 | 31.9 | 31.9 | 55.3 | 735.4 | 27.7 |
| Wholesale trade | 5.2 | 20.7 | 23.1 | 11.4 | 36.0 | 32.4 | 7.2 | 8.1 | 7.3 | 151.4 | 31.4 |
| Retail trade | 24.5 | 174.7 | 102.3 | 41.2 | 82.0 | 62.7 | 24.8 | 23.8 | 47.9 | 584.1 | 26.8 |
| Transport and storage | 4.3 | 12.8 | 9.3 | 5.5 | 14.4 | 16.8 | 6.1 | 5.4 | 7.8 | 82.4 | 31.9 |
| Communication | * 0.9 | * 3.4 | 6.8 | 4.9 | 13.7 | 5.2 | * 2.1 | * 1.0 | * 0.4 | 38.3 | 31.6 |
| Finance, property and business services | 16.3 | 57.0 | 65.6 | 36.5 | 100.1 | 77.2 | 19.8 | 22.6 | 28.9 | 424.0 | 31.8 |
| Public administration and defence | 8.7 | 14.4 | 14.3 | 11.7 | 49.5 | 14.4 | 4.9 | 4.7 | 4.1 | 126.7 | 30.7 |
| Community services | 50.7 | 129.8 | 190.8 | 89.5 | 146.1 | 142.6 | 32.9 | 40.3 | 57.6 | 880.4 | 29.2 |
| Recreation, personal and other services | 12.1 | 86.1 | 61.7 | 21.8 | 31.0 | 41.1 | 15.1 | 12.8 | 33.8 | 315.7 | 28.3 |
| Total employed | 147.0 | 601.9 | 553.5 | 268.3 | 590.6 | 483.3 | 136.5 | 143.6 | 230.9 | 3,155.7 | 29.5 |
| PERSONS | | | | | | | | | | | |
| Agriculture, forestry, fishing & hunting | 22.2 | 54.4 | 37.8 | 21.1 | 27.4 | 58.3 | 9.4 | 24.8 | 150.7 | 406.2 | 40.5 |
| Agriculture & services to agriculture | 19.6 | 52.1 | 35.2 | 18.2 | 24.6 | 54.2 | 9.1 | 23.4 | 143.5 | 380.1 | 40.8 |
| Forestry & logging, fishing & hunting | * 2.6 | * 2.3 | * 2.6 | * 2.9 | * 2.8 | 4.1 | * 0.3 | * 1.4 | 7.2 | 26.1 | 37.1 |
| Mining | 8.0 | * 1.2 | 4.2 | 5.7 | 13.7 | 21.9 | 9.4 | 14.6 | 26.7 | 105.4 | 41.5 |
| Manufacturing | 50.2 | 45.3 | 77.5 | 84.6 | 274.8 | 273.3 | 93.3 | 132.1 | 205.0 | 1,236.0 | 38.8 |
| Food, beverages and tobacco | 9.8 | 8.4 | 16.7 | 14.7 | 31.2 | 50.2 | 13.7 | 19.1 | 28.8 | 192.6 | 37.8 |
| Metal products | 8.6 | 6.1 | 8.5 | 14.4 | 37.9 | 44.5 | 16.0 | 28.5 | 39.1 | 203.7 | 40.0 |
| Other manufacturing | 31.9 | 30.9 | 52.2 | 55.5 | 205.7 | 178.5 | 63.6 | 84.5 | 137.0 | 839.7 | 38.8 |
| Electricity, gas and water | 5.1 | * 2.4 | 6.8 | 18.5 | 36.3 | 21.9 | 6.0 | 8.5 | 7.9 | 113.4 | 36.0 |
| Construction | 30.3 | 45.2 | 38.1 | 42.3 | 70.2 | 151.9 | 24.5 | 67.7 | 131.2 | 601.4 | 38.3 |
| Wholesale and retail trade | 56.7 | 278.2 | 163.1 | 92.7 | 227.6 | 276.1 | 92.8 | 111.6 | 308.2 | 1,606.9 | 34.9 |
| Wholesale trade | 15.3 | 29.7 | 34.5 | 29.7 | 89.2 | 114.4 | 35.2 | 44.4 | 96.9 | 489.2 | 39.0 |
| Retail trade | 41.5 | 248.5 | 128.6 | 63.0 | 138.5 | 161.7 | 57.5 | 67.2 | 211.3 | 1,117.7 | 33.2 |
| Transport and storage | 31.3 | 20.4 | 28.0 | 24.0 | 55.4 | 88.2 | 21.7 | 40.0 | 98.5 | 407.5 | 39.1 |
| Communication | 7.1 | 4.0 | 12.4 | 16.9 | 50.4 | 21.2 | 9.5 | 9.5 | 8.9 | 139.8 | 35.2 |
| Finance, property and business services | 32.9 | 76.3 | 92.3 | 62.5 | 168.7 | 158.4 | 48.0 | 63.6 | 172.5 | 875.2 | 37.1 |
| Public administration and defence | 21.6 | 17.7 | 27.2 | 30.9 | 116.8 | 51.4 | 20.0 | 16.5 | 21.8 | 324.0 | 34.0 |
| Community services | 74.9 | 151.6 | 220.7 | 120.8 | 235.6 | 243.2 | 60.5 | 84.0 | 165.6 | 1,356.9 | 32.8 |
| Recreation, personal and other services | 20.3 | 121.8 | 86.0 | 33.4 | 57.6 | 78.3 | 23.5 | 30.6 | 103.3 | 554.7 | 32.9 |
| Total employed | 360.6 | 818.5 | 794.2 | 553.5 | 1,334.6 | 1,444.0 | 418.5 | 603.5 | 1,400.3 | 7,727.6 | 36.1 |

TABLE 26. EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, AUGUST 1989 ('000)

| Industry division | Occupation major group | | | | | | | | Total |
|--------------------------------------------|-----------------------------|---------------|--------------------|----------------|----------------|-------------------------------------------|------------------------------------------|-------------------------------|----------------|
| | Managers and administrators | Professionals | Para-professionals | Tradespersons | Clerks | Salespersons and personal service workers | Plant and machine operators, and drivers | Labourers and related workers | |
| MALES | | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 176.9 | * 1.1 | 7.2 | 19.3 | * 0.0 | * 0.2 | 10.5 | 75.9 | 291.3 |
| Mining | 3.9 | 11.6 | 6.1 | 21.2 | * 2.1 | * 0.6 | 28.6 | 20.0 | 94.1 |
| Manufacturing | 78.8 | 60.3 | 25.6 | 324.4 | 28.5 | 28.0 | 148.9 | 200.9 | 895.3 |
| Electricity, gas and water | * 2.1 | 13.9 | 12.6 | 34.6 | 10.9 | * 1.6 | 14.8 | 12.6 | 103.0 |
| Construction | 36.6 | 14.0 | 17.0 | 306.1 | 5.4 | 3.7 | 41.6 | 101.6 | 526.0 |
| Wholesale and retail trade | 168.2 | 33.1 | 14.7 | 220.9 | 41.8 | 220.0 | 40.4 | 132.4 | 871.5 |
| Transport and storage | 19.7 | 9.9 | 19.3 | 27.6 | 27.1 | 13.0 | 159.0 | 49.5 | 325.1 |
| Communication | 4.6 | 6.7 | 11.9 | 35.9 | 30.2 | * 1.4 | 5.0 | 5.7 | 101.5 |
| Finance, property and business services | 56.8 | 139.0 | 20.4 | 14.1 | 79.8 | 82.6 | 9.5 | 48.9 | 451.2 |
| Public administration & defence | 19.3 | 34.3 | 21.6 | 16.5 | 48.8 | * 2.9 | 23.7 | 30.3 | 197.3 |
| Community services | 25.7 | 233.3 | 80.1 | 35.5 | 25.9 | 5.7 | 16.5 | 53.8 | 476.5 |
| Recreation, personal and other services | 38.6 | 28.3 | 15.1 | 59.4 | 5.9 | 39.9 | * 3.1 | 48.8 | 239.0 |
| Total | 631.4 | 585.5 | 251.5 | 1,115.4 | 306.2 | 399.8 | 501.7 | 780.3 | 4,571.9 |
| FEMALES | | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 68.6 | * 1.0 | * 0.3 | * 2.0 | 12.8 | * 0.9 | * 0.6 | 28.9 | 115.0 |
| Mining | * 0.0 | * 1.4 | * 0.4 | * 0.0 | 7.8 | * 0.0 | * 0.6 | * 1.1 | 11.3 |
| Manufacturing | 6.4 | 15.4 | 4.3 | 28.1 | 103.0 | 24.7 | 76.4 | 82.5 | 340.7 |
| Electricity, gas and water | * 0.2 | * 0.1 | * 0.5 | * 0.4 | 8.6 | * 0.4 | * 0.0 | * 0.2 | 10.4 |
| Construction | * 0.6 | * 0.6 | * 1.5 | * 2.2 | 65.8 | * 1.0 | * 0.7 | * 3.0 | 75.4 |
| Wholesale and retail trade | 59.6 | 12.7 | 4.7 | 17.9 | 171.7 | 403.1 | 9.6 | 56.2 | 735.4 |
| Transport and storage | * 2.3 | * 3.4 | * 0.7 | * 0.4 | 45.0 | 18.6 | 8.0 | 4.0 | 82.4 |
| Communication | * 1.1 | * 1.5 | * 0.3 | * 0.9 | 30.2 | * 1.2 | * 0.2 | * 3.0 | 38.3 |
| Finance, property and business services | 7.6 | 41.3 | 6.0 | * 1.9 | 257.2 | 70.0 | * 1.0 | 39.0 | 424.0 |
| Public administration & defence | 6.5 | 10.9 | 8.1 | * 0.8 | 82.0 | 6.3 | * 0.3 | 11.8 | 126.7 |
| Community services | 12.8 | 266.2 | 171.2 | 13.2 | 190.5 | 101.6 | 4.1 | 120.8 | 880.4 |
| Recreation, personal and other services | 24.2 | 20.6 | 4.2 | 56.6 | 37.0 | 101.3 | * 1.3 | 70.5 | 315.7 |
| Total | 189.8 | 375.1 | 202.3 | 124.3 | 1,011.6 | 729.1 | 102.7 | 420.8 | 3,155.7 |
| PERSONS | | | | | | | | | |
| Agriculture, forestry, fishing and hunting | 245.5 | * 2.1 | 7.5 | 21.3 | 12.8 | * 1.1 | 11.1 | 104.8 | 406.2 |
| Mining | 3.9 | 13.1 | 6.5 | 21.2 | 9.9 | * 0.6 | 29.2 | 21.1 | 105.4 |
| Manufacturing | 85.2 | 75.7 | 29.8 | 352.5 | 131.4 | 52.7 | 225.3 | 283.4 | 1,236.0 |
| Electricity, gas and water | * 2.3 | 14.0 | 13.1 | 35.0 | 19.5 | * 2.0 | 14.8 | 12.7 | 113.4 |
| Construction | 37.2 | 14.6 | 18.5 | 308.3 | 71.2 | 4.7 | 42.3 | 104.6 | 601.4 |
| Wholesale and retail trade | 227.8 | 45.8 | 19.4 | 238.8 | 213.4 | 623.1 | 50.0 | 188.5 | 1,606.9 |
| Transport and storage | 22.0 | 13.3 | 20.0 | 28.0 | 72.1 | 31.6 | 167.0 | 53.5 | 407.5 |
| Communication | 5.7 | 8.2 | 12.2 | 36.9 | 60.4 | * 2.6 | 5.2 | 8.7 | 139.8 |
| Finance, property and business services | 64.4 | 180.3 | 26.4 | 16.0 | 337.0 | 152.7 | 10.4 | 87.9 | 875.2 |
| Public administration & defence | 25.8 | 45.2 | 29.7 | 17.3 | 130.8 | 9.2 | 24.0 | 42.0 | 324.0 |
| Community services | 38.5 | 499.5 | 251.4 | 48.7 | 216.4 | 107.2 | 20.5 | 174.7 | 1,356.9 |
| Recreation, personal and other services | 62.8 | 48.9 | 19.3 | 115.9 | 42.9 | 141.3 | 4.5 | 119.2 | 554.7 |
| Total | 821.2 | 960.6 | 453.8 | 1,239.7 | 1,317.9 | 1,128.9 | 604.4 | 1,201.1 | 7,727.6 |

TABLE 27. EMPLOYED PERSONS BY INDUSTRY SUBDIVISIONS, AUGUST 1989
('000)

| Industry division and subdivision | Males | Females | | Persons |
|---------------------------------------------------|---------|---------|---------|---------|
| | | Married | Total | |
| AGRICULTURE, FORESTRY, FISHING AND HUNTING | 291.3 | 97.1 | 115.0 | 406.2 |
| Agriculture | 250.3 | 92.2 | 109.6 | 359.9 |
| Services to agriculture | 18.7 | * 1.1 | * 1.5 | 20.2 |
| Forestry and logging | 10.5 | * 1.4 | * 1.4 | 11.9 |
| Fishing and hunting | 11.8 | * 2.4 | * 2.4 | 14.2 |
| MINING | 94.1 | 7.6 | 11.3 | 105.4 |
| Metallic minerals | 39.7 | * 2.8 | 4.6 | 44.4 |
| Coal | 27.8 | * 0.5 | * 1.0 | 28.8 |
| Construction Materials | 7.7 | * 1.2 | * 1.4 | 9.0 |
| Services to mining, n.e.c. | 11.3 | * 2.5 | * 3.3 | 14.6 |
| Other mining | 7.6 | * 0.6 | * 1.1 | 8.7 |
| MANUFACTURING | 895.3 | 235.2 | 340.7 | 1,236.0 |
| Food, beverages and tobacco | 133.3 | 42.8 | 59.4 | 192.6 |
| Textiles | 21.8 | 9.2 | 12.8 | 34.6 |
| Clothing and footwear | 25.3 | 46.7 | 63.0 | 88.4 |
| Footwear | 6.0 | * 3.4 | 6.0 | 11.9 |
| Wood, wood products and furniture | 88.5 | 16.0 | 21.0 | 109.4 |
| Paper, paper products, printing and publishing | 87.9 | 26.5 | 46.4 | 134.3 |
| Chemical, petroleum and coal products | 44.3 | 10.5 | 16.0 | 60.3 |
| Non-metallic mineral products | 42.8 | 4.6 | 6.8 | 49.6 |
| Basic metal products | 67.5 | 5.1 | 8.5 | 76.0 |
| Fabricated metal products | 102.7 | 17.7 | 25.1 | 127.7 |
| Transport equipment | 114.7 | 11.8 | 16.9 | 131.6 |
| Other machinery and equipment | 110.9 | 26.0 | 40.1 | 150.9 |
| Miscellaneous manufacturing | 55.7 | 18.3 | 24.9 | 80.6 |
| ELECTRICITY, GAS AND WATER | 103.0 | 5.1 | 10.4 | 113.4 |
| Electricity and gas | 70.9 | * 3.2 | 6.8 | 77.7 |
| Water, sewerage and drainage | 32.1 | * 1.9 | 3.6 | 35.7 |
| CONSTRUCTION | 526.0 | 60.4 | 75.4 | 601.4 |
| General construction | 209.3 | 20.6 | 30.7 | 240.0 |
| Special trade construction | 316.7 | 39.7 | 44.7 | 361.4 |
| WHOLESALE AND RETAIL TRADE | 871.5 | 397.2 | 735.4 | 1,606.9 |
| Wholesale trade | 337.9 | 91.8 | 151.4 | 489.2 |
| Retail trade | 533.6 | 305.4 | 584.1 | 1,117.7 |
| TRANSPORT AND STORAGE | 325.1 | 49.5 | 82.4 | 407.5 |
| Road freight transport | 114.3 | 18.4 | 24.1 | 138.4 |
| Road passenger transport | 51.7 | 7.9 | 10.2 | 61.9 |
| Rail transport | 67.0 | * 2.1 | 5.5 | 72.5 |
| Water transport | 7.0 | * 0.9 | * 1.1 | 8.1 |
| Air transport | 32.2 | 6.2 | 12.8 | 45.0 |
| Other transport | * 1.2 | * 0.3 | * 0.5 | * 1.7 |
| Services to road transport | 3.7 | * 0.5 | * 1.7 | 5.4 |
| Services to water transport | 19.9 | * 1.7 | 4.0 | 23.9 |
| Services to air transport | 4.7 | * 1.4 | * 1.9 | 6.7 |
| Other services to transport | 14.3 | 8.5 | 18.1 | 32.4 |
| Storage | 9.1 | * 1.5 | * 2.4 | 11.5 |
| COMMUNICATION | 101.5 | 22.6 | 38.3 | 139.8 |
| FINANCE, PROPERTY AND BUSINESS SERVICES | 451.2 | 234.9 | 424.0 | 875.2 |
| Finance and investment | 116.6 | 68.5 | 137.8 | 254.5 |
| Insurance and services to insurance | 47.4 | 25.0 | 47.7 | 95.2 |
| Property and business services | 287.1 | 141.5 | 238.4 | 525.6 |
| PUBLIC ADMINISTRATION AND DEFENCE | 197.3 | 69.9 | 126.7 | 324.0 |
| Public administration | 181.3 | 64.6 | 118.6 | 299.8 |
| Defence | 16.1 | 5.4 | 8.1 | 24.2 |
| COMMUNITY SERVICES | 476.5 | 583.1 | 880.4 | 1,356.9 |
| Health | 116.1 | 271.0 | 404.2 | 520.3 |
| Education, museum and library services | 199.6 | 226.5 | 329.0 | 528.6 |
| Welfare and religious institutions | 45.0 | 57.7 | 94.3 | 139.3 |
| Other community services | 115.8 | 27.8 | 52.9 | 168.7 |
| RECREATION, PERSONAL AND OTHER SERVICES | 239.0 | 164.3 | 315.7 | 554.7 |
| Entertainment and recreational services | 79.4 | 34.8 | 62.7 | 142.1 |
| Restaurants, hotels and clubs | 124.8 | 87.5 | 165.5 | 290.3 |
| Personal services | 33.0 | 38.8 | 79.5 | 112.5 |
| Private households employing staff | * 1.8 | * 3.1 | 8.0 | 9.8 |
| TOTAL | 4,571.9 | 1,926.9 | 3,155.7 | 7,727.6 |

TABLE 28. EMPLOYED PERSONS: OCCUPATION OF FULL-TIME AND PART-TIME WORKERS, AUGUST 1989 ('000)

| Occupation major group | Full-time workers | | Part-time workers | | Total | | | Persons |
|-------------------------------------------|-------------------|---------|-------------------|---------|---------|---------|---------|---------|
| | Males | Females | Males | Females | Males | Females | | |
| | | | | | | Married | Total | |
| Managers and administrators | 612.9 | 136.8 | 18.5 | 53.0 | 631.4 | 154.2 | 189.8 | 821.2 |
| Professionals | 543.5 | 273.8 | 42.0 | 101.3 | 585.5 | 225.1 | 375.1 | 960.6 |
| Para-professionals | 238.1 | 131.9 | 13.4 | 70.4 | 251.5 | 124.8 | 202.3 | 453.8 |
| Tradespersons | 1,079.7 | 87.8 | 35.7 | 36.5 | 1,115.4 | 69.3 | 124.3 | 1,239.7 |
| Clerks | 288.4 | 668.7 | 17.8 | 342.9 | 306.2 | 631.8 | 1,011.6 | 1,317.9 |
| Salespersons and personal service workers | 325.7 | 331.8 | 74.1 | 397.3 | 399.8 | 359.9 | 729.1 | 1,128.9 |
| Plant and machine operators, and drivers | 480.7 | 81.7 | 20.9 | 21.0 | 501.7 | 74.9 | 102.7 | 604.4 |
| Labourers and related workers | 648.4 | 179.0 | 131.9 | 241.8 | 780.3 | 286.9 | 420.8 | 1,201.1 |
| Total | 4,217.5 | 1,891.5 | 354.4 | 1,264.2 | 4,571.9 | 1,926.9 | 3,155.7 | 7,727.6 |

TABLE 29. EMPLOYED PERSONS: OCCUPATION AND STATUS OF WORKER, AUGUST 1989 ('000)

| Occupation major group | Employers | | Self-employed | | Wage and salary earners | | Total (a) | | |
|-------------------------------------------|-----------|---------|---------------|---------|-------------------------|---------|-----------|---------|---------|
| | Males | Females | Males | Females | Males | Females | Males | Females | Persons |
| | | | | | | | | | |
| Managers and administrators | 102.9 | 41.4 | 158.4 | 71.6 | 368.0 | 75.2 | 631.4 | 189.8 | 821.2 |
| Professionals | 44.2 | 6.2 | 41.0 | 26.8 | 500.2 | 342.1 | 585.5 | 375.1 | 960.6 |
| Para-professionals | * 3.0 | * 0.4 | 10.6 | 3.5 | 237.7 | 198.4 | 251.5 | 202.3 | 453.8 |
| Tradespersons | 66.7 | 9.7 | 165.1 | 15.8 | 882.0 | 98.3 | 1,115.4 | 124.3 | 1,239.7 |
| Clerks | * 0.9 | 34.3 | * 2.2 | 53.5 | 301.5 | 908.1 | 306.2 | 1,011.6 | 1,317.9 |
| Salespersons and personal service workers | 13.4 | 16.0 | 42.3 | 44.0 | 342.1 | 663.5 | 399.8 | 729.1 | 1,128.9 |
| Plant and machine operators, and drivers | 16.9 | * 1.5 | 62.1 | 8.3 | 422.1 | 92.5 | 501.7 | 102.7 | 604.4 |
| Labourers and related workers | 8.8 | 3.6 | 53.0 | 15.8 | 705.9 | 393.5 | 780.3 | 420.8 | 1,201.1 |
| Total | 256.7 | 113.0 | 534.8 | 239.3 | 3,759.5 | 2,771.6 | 4,571.9 | 3,155.7 | 7,727.6 |
| Full-time workers | 247.3 | 66.3 | 473.9 | 107.0 | 3,489.6 | 1,714.5 | 4,217.5 | 1,891.5 | 6,108.9 |

(a) Includes unpaid family helpers.

TABLE 30. EMPLOYED PERSONS: OCCUPATION, AGE AND BIRTHPLACE, AUGUST 1989 ('000)

| Occupation major group | Age group | | | | | | Total | Born in Australia | Born outside Australia |
|-------------------------------------------|-----------|---------|---------|---------|---------|-------------|---------|-------------------|------------------------|
| | 15-19 | 20-24 | 25-34 | 35-44 | 45-54 | 55 and over | | | |
| Managers and administrators | 4.3 | 31.1 | 178.6 | 265.2 | 211.5 | 130.5 | 821.2 | 620.9 | 200.3 |
| Professionals | 11.1 | 87.7 | 303.3 | 303.8 | 161.5 | 93.2 | 960.6 | 702.7 | 257.9 |
| Para-professionals | 13.2 | 56.9 | 143.5 | 131.9 | 72.3 | 36.0 | 453.8 | 347.2 | 106.6 |
| Tradespersons | 149.1 | 191.7 | 345.1 | 273.1 | 183.3 | 97.4 | 1,239.7 | 889.1 | 350.6 |
| Clerks | 105.3 | 227.3 | 376.8 | 340.2 | 187.7 | 80.5 | 1,317.9 | 1,031.4 | 286.5 |
| Salespersons and personal service workers | 244.7 | 200.4 | 266.1 | 233.9 | 122.7 | 61.1 | 1,128.9 | 896.2 | 232.7 |
| Plant and machine operators, and drivers | 17.1 | 61.7 | 179.1 | 168.4 | 118.5 | 59.7 | 604.4 | 411.0 | 193.3 |
| Labourers and related workers | 162.9 | 160.4 | 294.2 | 260.2 | 197.8 | 125.6 | 1,201.1 | 843.2 | 357.9 |
| Total | 707.7 | 1,017.2 | 2,086.7 | 1,976.7 | 1,255.3 | 684.0 | 7,727.6 | 5,741.7 | 1,985.9 |

TABLE 31. EMPLOYED PERSONS: OCCUPATION AND HOURS WORKED, AUGUST 1989

| Occupation major group | Hours worked | | | | | | | | | Total | Average weekly hours worked (hours) |
|-------------------------------------------|--------------|-------|-------|-------|---------|---------|-------|-------|-------------|---------|-------------------------------------|
| | 0 | 1-15 | 16-29 | 30-34 | 35-39 | 40 | 41-44 | 45-48 | 49 and over | | |
| | ----- | | | | | | | | | | |
| | -'000 - | | | | | | | | | | |
| MALES | | | | | | | | | | | |
| Managers and administrators | 19.0 | 12.0 | 15.7 | 15.5 | 40.7 | 82.0 | 25.3 | 67.9 | 353.1 | 631.4 | 51.1 |
| Professionals | 20.0 | 20.3 | 28.4 | 31.5 | 106.0 | 90.8 | 41.0 | 64.2 | 183.3 | 585.5 | 42.6 |
| Para-professionals | 20.2 | 9.3 | 17.2 | 17.9 | 46.1 | 55.6 | 16.4 | 20.0 | 48.8 | 251.5 | 37.7 |
| Tradespersons | 60.0 | 19.8 | 49.2 | 81.2 | 194.0 | 289.5 | 76.9 | 124.5 | 220.3 | 1,115.4 | 40.1 |
| Clerks | 15.8 | 10.2 | 15.3 | 25.8 | 96.6 | 68.7 | 20.2 | 24.5 | 29.1 | 306.2 | 36.6 |
| Salespersons and personal service workers | 11.9 | 50.5 | 24.6 | 19.4 | 52.1 | 78.2 | 26.1 | 37.8 | 99.0 | 399.8 | 38.3 |
| Plant and machine operators, and drivers | 27.4 | 10.5 | 26.3 | 31.8 | 76.5 | 116.3 | 28.9 | 56.8 | 127.3 | 501.7 | 41.4 |
| Labourers and related workers | 39.2 | 84.0 | 63.9 | 62.0 | 132.0 | 179.6 | 47.0 | 64.2 | 108.4 | 780.3 | 35.2 |
| Total employed | 213.6 | 216.6 | 240.7 | 285.1 | 744.0 | 960.7 | 281.9 | 459.9 | 1,169.4 | 4,571.9 | 40.7 |
| MARRIED FEMALES | | | | | | | | | | | |
| Managers and administrators | 8.7 | 25.1 | 19.9 | 9.3 | 15.2 | 17.7 | 3.9 | 7.9 | 46.4 | 154.2 | 37.4 |
| Professionals | 11.1 | 34.2 | 37.2 | 18.4 | 41.4 | 26.1 | 12.2 | 17.0 | 27.5 | 225.1 | 31.6 |
| Para-professionals | 11.7 | 12.0 | 36.4 | 13.8 | 15.8 | 23.1 | 4.3 | * 2.9 | 4.8 | 124.8 | 27.3 |
| Tradespersons | * 3.1 | 8.7 | 15.8 | 7.7 | 13.1 | 8.2 | 4.0 | * 3.3 | 5.3 | 69.3 | 30.7 |
| Clerks | 30.0 | 142.2 | 126.9 | 64.1 | 131.4 | 82.6 | 21.3 | 16.1 | 17.1 | 631.8 | 26.5 |
| Salespersons and personal service workers | 16.8 | 82.4 | 100.1 | 27.8 | 40.4 | 38.6 | 14.2 | 13.4 | 26.3 | 359.9 | 27.0 |
| Plant and machine operators, and drivers | * 1.8 | 6.4 | 9.6 | 7.3 | 22.7 | 13.2 | 4.3 | 4.2 | 5.4 | 74.9 | 34.4 |
| Labourers and related workers | 13.3 | 79.1 | 70.8 | 27.6 | 35.6 | 36.6 | 8.5 | 7.2 | 8.3 | 286.9 | 24.7 |
| Total employed | 96.6 | 390.2 | 416.6 | 176.0 | 315.7 | 246.0 | 72.8 | 72.0 | 141.1 | 1,926.9 | 28.3 |
| ALL FEMALES | | | | | | | | | | | |
| Managers and administrators | 10.1 | 26.4 | 22.0 | 10.7 | 20.4 | 23.5 | 6.0 | 11.5 | 59.2 | 189.8 | 38.6 |
| Professionals | 17.2 | 45.8 | 49.2 | 25.1 | 73.8 | 51.6 | 21.9 | 35.3 | 55.3 | 375.1 | 33.9 |
| Para-professionals | 16.0 | 15.6 | 45.9 | 21.8 | 29.2 | 45.4 | 9.5 | 8.0 | 10.9 | 202.3 | 30.1 |
| Tradespersons | 6.8 | 12.4 | 20.3 | 10.7 | 24.5 | 22.1 | 10.1 | 6.7 | 10.6 | 124.3 | 32.6 |
| Clerks | 42.7 | 161.8 | 158.6 | 96.7 | 269.3 | 169.8 | 42.8 | 35.7 | 34.2 | 1,011.6 | 29.7 |
| Salespersons and personal service workers | 33.1 | 209.7 | 152.3 | 52.1 | 90.9 | 92.2 | 28.7 | 29.9 | 40.3 | 729.1 | 25.9 |
| Plant and machine operators, and drivers | * 2.8 | 7.2 | 12.6 | 10.9 | 31.0 | 20.4 | 5.3 | 5.1 | 7.3 | 102.7 | 34.6 |
| Labourers and related workers | 18.3 | 123.1 | 92.5 | 40.3 | 51.5 | 58.2 | 12.3 | 11.5 | 13.0 | 420.8 | 24.6 |
| Total employed | 147.0 | 601.9 | 553.5 | 268.3 | 590.6 | 483.3 | 136.5 | 143.6 | 230.9 | 3,155.7 | 29.5 |
| PERSONS | | | | | | | | | | | |
| Managers and administrators | 29.1 | 38.4 | 37.8 | 26.2 | 61.1 | 105.6 | 31.3 | 79.4 | 412.3 | 821.2 | 48.2 |
| Professionals | 37.2 | 66.1 | 77.7 | 56.6 | 179.8 | 142.4 | 62.9 | 99.5 | 238.6 | 960.6 | 39.2 |
| Para-professionals | 36.2 | 24.9 | 63.1 | 39.7 | 75.3 | 101.0 | 25.9 | 28.0 | 59.7 | 453.8 | 34.3 |
| Tradespersons | 66.8 | 32.2 | 69.5 | 91.9 | 218.5 | 311.6 | 87.1 | 131.2 | 230.9 | 1,239.7 | 39.4 |
| Clerks | 58.5 | 172.0 | 173.9 | 122.5 | 365.9 | 238.6 | 63.0 | 60.2 | 63.4 | 1,317.9 | 31.3 |
| Salespersons and personal service workers | 45.0 | 260.2 | 176.9 | 71.5 | 143.0 | 170.4 | 54.8 | 67.7 | 139.4 | 1,128.9 | 30.3 |
| Plant and machine operators, and drivers | 30.3 | 17.7 | 38.9 | 42.6 | 107.5 | 136.7 | 34.3 | 61.9 | 134.6 | 604.4 | 40.2 |
| Labourers and related workers | 57.5 | 207.0 | 156.4 | 102.4 | 183.5 | 237.8 | 59.3 | 75.7 | 121.4 | 1,201.1 | 31.5 |
| Total employed | 360.6 | 818.5 | 794.2 | 553.5 | 1,334.6 | 1,444.0 | 418.5 | 603.5 | 1,400.3 | 7,727.6 | 36.1 |

TABLE 32. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, AUGUST 1989
('000)

| Occupation major and minor group | Males | Females | | Persons |
|--------------------------------------------------------|----------------|----------------|----------------|----------------|
| | | Married | Total | |
| MANAGERS AND ADMINISTRATORS | | | | |
| Legislators and government appointed officials | 631.4 | 154.2 | 189.8 | 821.2 |
| General managers | * 1.3 | * 0.4 | * 0.6 | * 1.9 |
| Specialist managers | 38.8 | * 2.2 | * 2.7 | 41.4 |
| Farmers and farm managers | 143.8 | 16.1 | 26.9 | 170.7 |
| Managing supervisors (sales and service) | 177.7 | 64.2 | 69.0 | 246.7 |
| Managing supervisors (other business) | 169.3 | 65.0 | 83.0 | 252.3 |
| | 100.5 | 6.2 | 7.6 | 108.1 |
| PROFESSIONALS | 585.5 | 225.1 | 375.1 | 960.6 |
| Natural scientists | 28.2 | 7.1 | 12.7 | 40.9 |
| Building professionals and engineers | 112.3 | * 2.1 | 4.0 | 116.3 |
| Health diagnosis and treatment practitioners | 52.2 | 23.7 | 35.9 | 88.0 |
| School teachers | 85.5 | 99.2 | 150.8 | 236.2 |
| Other teachers and instructors | 50.8 | 27.7 | 44.8 | 95.5 |
| Social professionals | 41.4 | 9.5 | 20.7 | 62.1 |
| Business professionals | 158.1 | 29.1 | 54.7 | 212.8 |
| Artists and related professionals | 37.6 | 13.0 | 28.5 | 66.1 |
| Miscellaneous professionals | 19.6 | 13.6 | 23.2 | 42.8 |
| PARA-PROFESSIONALS | 251.5 | 124.8 | 202.3 | 453.8 |
| Medical and science technical officers and technicians | 10.2 | 5.5 | 10.1 | 20.3 |
| Engineering and building associates and technicians | 82.1 | * 3.1 | 6.9 | 89.0 |
| Air and sea transport technical workers | 20.3 | * 0.3 | * 0.3 | 20.6 |
| Registered nurses | 12.3 | 91.7 | 138.8 | 151.1 |
| Police | 36.5 | * 1.8 | 6.1 | 42.6 |
| Miscellaneous para-professionals | 90.2 | 22.5 | 40.0 | 130.2 |
| TRADESPERSONS | 1,115.4 | 69.3 | 124.3 | 1,239.7 |
| Metal fitting and machining tradespersons | 129.6 | * 0.2 | * 0.5 | 130.1 |
| Other metal tradespersons | 115.6 | * 2.2 | * 3.0 | 118.6 |
| Electrical and electronics tradespersons | 170.6 | * 0.9 | * 2.5 | 173.1 |
| Building tradespersons | 286.8 | * 0.7 | * 2.3 | 289.1 |
| Printing tradespersons | 35.3 | 6.7 | 10.2 | 45.5 |
| Vehicle tradespersons | 146.4 | * 0.6 | * 1.5 | 148.0 |
| Food tradespersons | 82.3 | 20.6 | 30.1 | 112.4 |
| Amenity horticultural tradespersons | 44.7 | * 3.3 | 4.8 | 49.5 |
| Miscellaneous tradespersons | 104.0 | 34.0 | 69.4 | 173.4 |
| CLERKS | 306.2 | 631.8 | 1,011.6 | 1,317.9 |
| Stenographers and typists | 4.6 | 169.8 | 278.5 | 283.1 |
| Data processing and business machine operators | 20.5 | 39.1 | 74.5 | 95.1 |
| Numerical clerks | 129.7 | 228.0 | 328.7 | 458.4 |
| Filing, sorting and copying clerks | 17.5 | 20.1 | 39.3 | 56.8 |
| Material recording and despatching clerks | 51.8 | 18.6 | 33.8 | 85.5 |
| Receptionists, telephonists and messengers | 21.7 | 83.6 | 140.9 | 162.5 |
| Miscellaneous clerks | 60.6 | 72.5 | 116.0 | 176.6 |
| SALESPERSONS AND PERSONAL SERVICE WORKERS | 399.8 | 359.9 | 729.1 | 1,128.9 |
| Investment, insurance and real estate salespersons | 70.8 | 13.0 | 22.2 | 92.9 |
| Sales representatives | 88.4 | 19.8 | 32.8 | 121.2 |
| Sales assistants | 145.7 | 158.6 | 326.0 | 471.7 |
| Tellers, cashiers and ticket salespersons | 24.3 | 51.3 | 120.7 | 145.0 |
| Miscellaneous salespersons | 58.8 | 43.4 | 103.0 | 161.8 |
| Personal service workers | 11.8 | 73.7 | 124.4 | 136.3 |
| PLANT AND MACHINE OPERATORS, AND DRIVERS | 501.7 | 74.9 | 102.7 | 604.4 |
| Road and rail transport drivers | 235.6 | 11.5 | 17.9 | 253.4 |
| Mobile plant operators (except transport) | 104.3 | * 0.8 | * 1.4 | 105.6 |
| Stationary plant operators | 73.5 | * 0.2 | * 0.7 | 74.3 |
| Machine operators | 88.3 | 62.3 | 82.7 | 171.0 |
| LABOURERS AND RELATED WORKERS | 780.3 | 286.9 | 420.8 | 1,201.1 |
| Trades assistants and factory hands | 202.1 | 61.8 | 95.4 | 297.4 |
| Agricultural labourers and related workers | 96.5 | 18.9 | 31.0 | 127.6 |
| Cleaners | 69.9 | 101.0 | 135.4 | 205.3 |
| Construction and mining labourers | 132.9 | * 1.2 | * 2.3 | 135.2 |
| Miscellaneous labourers and related workers | 278.9 | 104.0 | 156.8 | 435.6 |
| TOTAL | 4,571.9 | 1,926.9 | 3,155.7 | 7,727.6 |

TABLE 33. UNEMPLOYED PERSONS: STATES, BY AGE, AUGUST 1989
(^{'000})

| Age group | New South Wales | Victoria | Queensland | South Australia | Western Australia | Tasmania | Australia(a) |
|----------------------------------|--------------------|----------|------------|--------------------|----------------------|----------|--------------|
| MALES | | | | | | | |
| 15-19 | 15.4 | 13.5 | 12.3 | 4.9 | 5.1 | 2.1 | 55.0 |
| 20-24 | 14.2 | 10.6 | 10.3 | 4.8 | 3.7 | 2.6 | 47.6 |
| 25-34 | 24.0 | 11.4 | 10.6 | 8.4 | 7.4 | 2.2 | 66.8 |
| 35 and over | 36.4 | 14.2 | 16.1 | 9.7 | 9.1 | 3.3 | 91.3 |
| Total | 90.0 | 49.7 | 49.3 | 27.8 | 25.3 | 10.3 | 260.7 |
| FEMALES | | | | | | | |
| 15-19 | 16.2 | 14.0 | 11.5 | 6.1 | 5.9 | 2.1 | 57.4 |
| 20-24 | 14.4 | 7.8 | 9.0 | 3.4 | 3.2 | 1.6 | 40.3 |
| 25-34 | 19.6 | 11.0 | 9.6 | 4.5 | 4.9 | 1.8 | 52.3 |
| 35 and over | 23.5 | 11.1 | 11.1 | 4.6 | 5.3 | 1.5 | 58.7 |
| Total | 73.7 | 43.9 | 41.2 | 18.4 | 19.3 | 6.9 | 208.7 |
| PERSONS | | | | | | | |
| Looking for full-time work - | | | | | | | |
| 15-19 | 20.2 | 16.4 | 15.0 | 8.1 | 6.9 | 3.4 | 71.9 |
| 20-24 | 24.2 | 15.6 | 17.6 | 7.8 | 5.8 | 4.0 | 76.8 |
| 25-34 | 34.6 | 16.3 | 17.1 | 11.4 | 10.4 | 3.6 | 97.2 |
| 35-44 | 25.3 | 11.3 | 10.9 | 6.5 | 5.1 | 2.0 | 62.7 |
| 45-54 | 16.4 | * 3.7 | 6.3 | 3.3 | 3.2 | 1.6 | 35.9 |
| 55 and over | 9.3 | * 3.9 | 5.8 | * 2.0 | 3.2 | * 0.8 | 25.6 |
| Total looking for full-time work | 129.9 | 67.2 | 72.7 | 39.1 | 34.6 | 15.4 | 370.1 |
| Total - | | | | | | | |
| 15-19 | 31.7 | 27.5 | 23.8 | 11.0 | 10.9 | 4.2 | 112.4 |
| 20-24 | 28.7 | 18.4 | 19.3 | 8.2 | 7.0 | 4.2 | 87.9 |
| 25-34 | 43.5 | 22.3 | 20.2 | 12.8 | 12.3 | 4.0 | 119.2 |
| 35-44 | 28.4 | 14.9 | 13.0 | 7.7 | 6.6 | 2.4 | 74.9 |
| 45-54 | 20.1 | 5.0 | 7.7 | 4.0 | 4.0 | 1.7 | 43.9 |
| 55 and over | 11.3 | 5.4 | 6.4 | 2.6 | 3.8 | * 0.8 | 31.2 |
| Total | 163.7 | 93.6 | 90.4 | 46.3 | 44.7 | 17.2 | 469.4 |

(a) Includes the Northern Territory and the Australian Capital Territory

TABLE 34. UNEMPLOYED PERSONS AGED 15-19:
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, AUGUST 1989

| | Attending school | Not attending school | | Total |
|------------------------------------|---------------------|----------------------------|------------------------------------|-------|
| | | Left school before 1988 | Left school 1988 to survey date | |
| NUMBER (^{'000}) | | | | |
| Duration of unemployment (weeks) - | | | | |
| Under 4 | 10.5 | 8.6 | 9.0 | 28.1 |
| 4 and under 13 | 10.4 | 11.2 | 7.9 | 29.6 |
| 13 and under 26 | 3.8 | 5.9 | 7.0 | 16.7 |
| 26 and over | 7.8 | 17.6 | 12.6 | 38.0 |
| Total | 32.6 | 43.3 | 36.5 | 112.4 |
| DURATION OF UNEMPLOYMENT (weeks) | | | | |
| Average duration - | | | | |
| Males | 17.7 | 38.0 | 17.5 | 25.2 |
| Females | 14.4 | 37.4 | 22.5 | 25.9 |
| Persons | 15.9 | 37.7 | 19.7 | 25.5 |
| Looking for full-time work | * 21.0 | 40.5 | 22.0 | 31.8 |
| Looking for part-time work | 14.9 | * 16.0 | 12.1 | 14.5 |
| Median duration - | | | | |
| Males | * 8 | 9 | 12 | 8 |
| Females | 6 | 18 | 17 | 13 |
| Persons | 7 | 17 | 13 | 12 |
| Looking for full-time work | * 5 | 18 | 17 | 17 |
| Looking for part-time work | 8 | * 5 | * 5 | 6 |

TABLE 35. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, AUGUST 1989

| | Number unemployed ('000) | | | | | Unemployment rate (per cent) | | | | |
|--------------------------------------------------------|--------------------------|-------|---------|-------|---------|------------------------------|--------|---------|-------|---------|
| | Males | | Females | | Persons | Males | | Females | | Persons |
| | Married | Total | Married | Total | | Married | Total | Married | Total | |
| LOOKING FOR FULL-TIME WORK | | | | | | | | | | |
| Total | 103.6 | 230.7 | 46.6 | 139.4 | 370.1 | 3.5 | 5.2 | 4.4 | 6.9 | 5.7 |
| Aged 15-19 | * 0.9 | 37.5 | * 2.9 | 34.4 | 71.9 | * 17.0 | 12.8 | * 29.0 | 16.4 | 14.3 |
| Looking for first job | * 0.0 | 13.5 | * 0.8 | 14.8 | 28.3 | .. | .. | .. | .. | .. |
| Attending school | * 0.0 | * 3.1 | * 0.0 | * 2.4 | 5.5 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Attending a tertiary educational institution full time | * 0.0 | * 2.1 | * 0.0 | * 1.7 | 3.8 | n.a. | n.a. | n.a. | n.a. | n.a. |
| Aged 20 and over | 102.7 | 193.2 | 43.7 | 105.0 | 298.2 | 3.5 | 4.6 | 4.1 | 5.8 | 5.0 |
| 20-24 | 8.4 | 43.5 | 7.1 | 33.3 | 76.8 | 8.5 | 8.1 | 6.7 | 8.4 | 8.2 |
| Looking for first job | * 0.8 | 4.5 | * 0.8 | 3.8 | 8.3 | .. | .. | .. | .. | .. |
| 25-34 | 32.8 | 63.0 | 18.5 | 34.2 | 97.2 | 4.0 | 5.0 | 5.5 | 6.0 | 5.3 |
| 35-44 | 28.1 | 40.2 | 11.7 | 22.5 | 62.7 | 2.9 | 3.5 | 3.3 | 4.7 | 3.9 |
| 45-54 | 16.4 | 22.7 | 6.0 | 13.2 | 35.9 | 2.5 | 3.0 | 2.9 | 4.6 | 3.4 |
| 55 and over | 17.0 | 23.7 | * 0.3 | * 1.8 | 25.6 | 4.5 | 5.3 | * 0.5 | * 2.0 | 4.7 |
| Aged 15-64 | 103.6 | 230.7 | 46.6 | 139.4 | 370.1 | 3.6 | 5.2 | 4.4 | 6.9 | 5.8 |
| LOOKING FOR PART-TIME WORK | | | | | | | | | | |
| Total | 3.9 | 30.0 | 32.7 | 69.3 | 99.3 | 2.9 | 7.8 | 3.5 | 5.2 | 5.8 |
| Aged 15-19 | * 0.0 | 17.4 | * 0.3 | 23.0 | 40.4 | * 0.0 | 12.9 | * 8.1 | 12.6 | 12.7 |
| Attending school | * 0.0 | 11.5 | * 0.0 | 15.6 | 27.1 | * 0.0 | 13.1 | * 0.0 | 14.3 | 13.8 |
| Attending a tertiary educational institution full time | * 0.0 | 4.5 | * 0.0 | 5.7 | 10.2 | * 0.0 | 17.0 | * 0.0 | 15.4 | 16.1 |
| Aged 20 and over | 3.9 | 12.6 | 32.4 | 46.3 | 58.9 | 2.9 | 5.0 | 3.5 | 4.0 | 4.2 |
| 20-24 | * 0.0 | 4.1 | * 1.8 | 7.0 | 11.1 | * 0.0 | 7.1 | * 5.4 | 6.3 | 6.6 |
| Attending a tertiary educational institution full time | * 0.0 | * 3.3 | * 0.2 | 3.6 | 6.9 | * 0.0 | * 10.5 | * 29.3 | 10.7 | 10.6 |
| 25-34 | * 0.8 | 3.8 | 13.8 | 18.2 | 22.0 | * 3.4 | 7.5 | 5.0 | 5.6 | 5.8 |
| 35-44 | * 0.4 | * 1.1 | 9.0 | 11.0 | 12.1 | * 1.6 | * 3.1 | 2.5 | 2.8 | 2.8 |
| 45 and over | * 2.8 | 3.5 | 7.7 | 10.1 | 13.6 | * 3.2 | 3.3 | 2.9 | 3.2 | 3.2 |
| Aged 15-64 | * 3.1 | 29.2 | 32.4 | 69.0 | 98.2 | * 2.7 | 8.2 | 3.5 | 5.2 | 5.9 |
| TOTAL | | | | | | | | | | |
| Total | 107.5 | 260.7 | 79.3 | 208.7 | 469.4 | 3.5 | 5.4 | 4.0 | 6.2 | 5.7 |
| Aged 15-19 | * 0.9 | 55.0 | * 3.2 | 57.4 | 112.4 | * 16.5 | 12.9 | * 23.4 | 14.6 | 13.7 |
| Attending school | * 0.0 | 14.7 | * 0.0 | 17.9 | 32.6 | * 0.0 | 16.1 | * 0.0 | 16.1 | 16.1 |
| Attending a tertiary educational institution full time | * 0.0 | 6.6 | * 0.0 | 7.4 | 14.0 | * 0.0 | 20.3 | * 0.0 | 18.6 | 19.4 |
| Aged 20 and over (a) | 106.6 | 205.7 | 76.1 | 151.3 | 357.0 | 3.5 | 4.7 | 3.8 | 5.1 | 4.8 |
| 20-24 | 8.4 | 47.6 | 8.9 | 40.3 | 87.9 | 8.1 | 8.0 | 6.4 | 7.9 | 8.0 |
| Attending a tertiary educational institution full time | * 0.0 | 3.9 | * 0.2 | 3.8 | 7.7 | * 0.0 | 10.6 | * 22.1 | 10.5 | 10.6 |
| 25-34 | 33.5 | 66.8 | 32.3 | 52.3 | 119.2 | 4.0 | 5.1 | 5.3 | 5.8 | 5.4 |
| 35-44 | 28.4 | 41.3 | 20.7 | 33.5 | 74.9 | 2.9 | 3.5 | 2.9 | 3.9 | 3.6 |
| 45-54 | 17.0 | 23.4 | 11.8 | 20.5 | 43.9 | 2.5 | 3.0 | 3.0 | 4.1 | 3.4 |
| 55-59 | 8.0 | 12.7 | * 1.3 | * 3.1 | 15.8 | 3.4 | 4.6 | * 1.5 | * 2.6 | 4.0 |
| 60-64 | 10.4 | 13.0 | * 0.7 | * 1.3 | 14.3 | 6.7 | 7.2 | * 1.9 | * 2.6 | 6.2 |
| Aged 15-64 | 106.7 | 259.9 | 79.0 | 208.4 | 468.3 | 3.5 | 5.5 | 4.0 | 6.2 | 5.8 |

(a) Includes unemployed persons aged 65 and over, details for whom are not shown separately.

TABLE 36. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, AUGUST 1989

| | Number unemployed ('000) | | | Unemployment rate (per cent) | | |
|----------------------------|--------------------------|---------|---------|------------------------------|---------|---------|
| | Males | Females | Persons | Males | Females | Persons |
| | | | | | | |
| BORN IN AUSTRALIA | | | | | | |
| Total | 187.7 | 149.4 | 337.1 | 5.3 | 5.9 | 5.5 |
| Looking for full-time work | 165.4 | 97.2 | 262.6 | 5.1 | 6.4 | 5.5 |
| Looking for part-time work | 22.3 | 52.1 | 74.4 | 7.3 | 5.1 | 5.6 |
| Aged 15-19 | 48.8 | 49.9 | 98.6 | 12.5 | 14.2 | 13.3 |
| Aged 20 and over | 139.0 | 99.5 | 238.4 | 4.4 | 4.5 | 4.5 |
| 20-24 | 40.5 | 30.3 | 70.8 | 8.1 | 7.2 | 7.7 |
| 25-34 | 44.5 | 36.3 | 80.8 | 4.5 | 5.4 | 4.8 |
| 35-44 | 22.6 | 19.1 | 41.7 | 2.8 | 3.1 | 3.0 |
| 45-54 | 14.6 | 11.7 | 26.3 | 2.9 | 3.5 | 3.1 |
| 55 and over | 16.8 | * 2.1 | 18.9 | 4.7 | * 1.5 | 3.8 |
| Aged 15-64 | 187.1 | 149.1 | 336.2 | 5.4 | 5.9 | 5.6 |
| BORN OUTSIDE AUSTRALIA | | | | | | |
| Total | 73.0 | 59.3 | 132.3 | 5.7 | 7.2 | 6.2 |
| Looking for full-time work | 65.3 | 42.2 | 107.5 | 5.4 | 8.1 | 6.2 |
| Looking for part-time work | 7.7 | 17.2 | 24.9 | 9.7 | 5.7 | 6.5 |
| Aged 15-19 | 6.2 | 7.5 | 13.7 | 17.4 | 18.1 | 17.8 |
| Aged 20 and over | 66.8 | 51.8 | 118.6 | 5.3 | 6.6 | 5.8 |
| 20-24 | 7.1 | 9.9 | 17.1 | 7.2 | 11.2 | 9.1 |
| 25-34 | 22.3 | 16.1 | 38.4 | 7.0 | 7.3 | 7.1 |
| 35-44 | 18.7 | 14.5 | 33.2 | 4.9 | 5.6 | 5.2 |
| 45-54 | 8.8 | 8.8 | 17.6 | 3.1 | 5.2 | 3.9 |
| 55 and over | 9.8 | * 2.5 | 12.3 | 5.8 | * 5.2 | 5.7 |
| Aged 15-64 | 72.8 | 59.3 | 132.1 | 5.7 | 7.2 | 6.3 |

TABLE 37. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., AUGUST 1989

| Duration of unemployment (weeks) | Age group | | | | Total (a) | Married | Not married | Looking for - | |
|----------------------------------|-----------|-------|-------|-------|-----------|---------|-------------|----------------|----------------|
| | 15-19 | 20-24 | 25-34 | 35-54 | | | | Full-time work | Part-time work |
| MALES | | | | | | | | | |
| - '000 - | | | | | | | | | |
| Under 2 | 5.8 | 4.4 | 4.5 | * 3.4 | 19.2 | 5.7 | 13.5 | 14.3 | 4.9 |
| 2 and under 4 | 8.7 | 5.6 | 8.2 | 5.5 | 29.1 | 9.2 | 19.9 | 22.5 | 6.6 |
| 4 and under 8 | 9.7 | 7.2 | 12.0 | 8.1 | 38.6 | 13.9 | 24.7 | 32.9 | 5.6 |
| 8 and under 13 | 5.6 | * 3.1 | 6.2 | 4.6 | 22.2 | 9.3 | 12.9 | 18.9 | * 3.3 |
| 13 and under 26 | 8.4 | 8.1 | 8.7 | 7.3 | 34.5 | 11.7 | 22.8 | 30.4 | * 2.7 |
| 26 and under 39 | 7.1 | 6.2 | 7.5 | 7.8 | 32.1 | 13.0 | 19.1 | 29.4 | * 0.4 |
| 39 and under 52 | * 1.7 | * 1.3 | 3.7 | 3.8 | 12.1 | 6.1 | 6.0 | 11.8 | * 1.1 |
| 52 and under 65 | * 1.8 | * 2.8 | * 3.2 | 4.0 | 14.2 | 7.2 | 7.0 | 13.1 | * 0.1 |
| 65 and under 104 | * 2.5 | * 1.6 | * 3.1 | * 3.4 | 12.1 | 6.0 | 6.1 | 12.0 | * 1.3 |
| 104 and over | 3.7 | 7.3 | 9.8 | 16.8 | 46.7 | 25.5 | 21.1 | 45.4 | * 1.3 |
| Total | 55.0 | 47.6 | 66.8 | 64.7 | 260.7 | 107.5 | 153.2 | 230.7 | 30.0 |
| - weeks - | | | | | | | | | |
| Average duration - | 25.2 | 38.6 | 47.7 | 83.1 | 54.7 | 72.4 | 42.2 | 59.7 | 16.0 |
| Median duration - | 8 | 16 | 13 | 30 | 18 | 29 | 14 | 22 | 4 |
| FEMALES | | | | | | | | | |
| - '000 - | | | | | | | | | |
| Under 2 | 7.1 | 5.0 | 7.5 | 8.0 | 28.1 | 13.9 | 14.2 | 14.0 | 14.1 |
| 2 and under 4 | 6.5 | 5.5 | 6.9 | 6.1 | 25.7 | 10.5 | 15.2 | 13.1 | 12.6 |
| 4 and under 8 | 7.6 | 7.9 | 7.6 | 6.0 | 29.7 | 10.5 | 19.2 | 20.2 | 9.5 |
| 8 and under 13 | 6.7 | 3.5 | 7.4 | 4.9 | 22.4 | 8.5 | 13.9 | 14.5 | 7.9 |
| 13 and under 26 | 8.3 | 5.5 | 8.7 | 6.5 | 29.3 | 11.7 | 17.6 | 23.3 | 6.0 |
| 26 and under 39 | 9.3 | 4.3 | 7.1 | 8.8 | 30.4 | 10.9 | 19.5 | 18.7 | 11.7 |
| 39 and under 52 | * 3.2 | * 0.8 | * 1.2 | * 2.3 | 7.8 | * 2.0 | 5.8 | 6.7 | * 1.1 |
| 52 and under 65 | 3.6 | * 2.3 | * 1.6 | * 1.7 | 9.5 | * 2.3 | 7.2 | 7.6 | * 1.9 |
| 65 and under 104 | * 2.3 | * 2.3 | * 1.4 | * 1.1 | 7.3 | * 1.7 | 5.5 | 5.5 | * 1.8 |
| 104 and over | * 2.8 | * 3.2 | * 3.0 | 8.5 | 18.5 | 7.0 | 11.5 | 15.8 | * 2.7 |
| Total | 57.4 | 40.3 | 52.3 | 54.0 | 208.7 | 79.3 | 129.4 | 139.4 | 69.3 |
| - weeks - | | | | | | | | | |
| Average duration - | 25.9 | 30.0 | 22.8 | 43.3 | 31.8 | 27.6 | 34.4 | 38.0 | 19.3 |
| Median duration - | 13 | 8 | 10 | 15 | 12 | 9 | 13 | 16 | 6 |
| PERSONS | | | | | | | | | |
| - '000 - | | | | | | | | | |
| Under 2 | 12.8 | 9.4 | 11.9 | 11.4 | 47.3 | 19.6 | 27.7 | 28.3 | 19.0 |
| 2 and under 4 | 15.3 | 11.1 | 15.1 | 11.6 | 54.8 | 19.7 | 35.1 | 35.6 | 19.2 |
| 4 and under 8 | 17.3 | 15.0 | 19.6 | 14.2 | 68.3 | 24.4 | 43.9 | 53.1 | 15.1 |
| 8 and under 13 | 12.3 | 6.5 | 13.6 | 9.5 | 44.6 | 17.9 | 26.7 | 33.4 | 11.3 |
| 13 and under 26 | 16.7 | 13.7 | 17.4 | 13.8 | 63.8 | 23.4 | 40.4 | 53.7 | 10.1 |
| 26 and under 39 | 16.5 | 10.4 | 14.6 | 16.6 | 62.5 | 24.0 | 38.6 | 48.2 | 14.4 |
| 39 and under 52 | 4.9 | * 2.2 | 4.8 | 6.1 | 19.9 | 8.2 | 11.8 | 18.5 | * 1.5 |
| 52 and under 65 | 5.4 | 5.1 | 4.8 | 5.7 | 23.7 | 9.5 | 14.2 | 20.7 | * 3.0 |
| 65 and under 104 | 4.8 | 3.9 | 4.6 | 4.5 | 19.4 | 7.7 | 11.7 | 17.5 | * 1.9 |
| 104 and over | 6.4 | 10.5 | 12.8 | 25.3 | 65.1 | 32.6 | 32.6 | 61.1 | 4.0 |
| Total | 112.4 | 87.9 | 119.2 | 118.8 | 469.4 | 186.8 | 282.6 | 370.1 | 99.3 |
| - weeks - | | | | | | | | | |
| Average duration - | 25.5 | 34.7 | 36.8 | 64.9 | 44.5 | 53.4 | 38.6 | 51.5 | 18.3 |
| Median duration - | 12 | 13 | 12 | 22 | 15 | 16 | 14 | 18 | 5 |

(a) Includes persons aged 55 and over, details for whom are not shown separately.

TABLE 38. UNEMPLOYED PERSONS: AGE AND ACTIVE STEPS TAKEN TO FIND WORK (a), AUGUST 1989 ('000)

| | Persons | | | | | Total |
|-----------------------------------------------------------------|---------|---------|------------|------------|------------------|-------|
| | Males | Females | Aged 15-19 | Aged 20-24 | Aged 25 and over | |
| Took active steps to find work | 256.8 | 201.4 | 109.0 | 86.3 | 263.0 | 458.3 |
| Wrote, phoned or applied in person to an employer | 218.8 | 159.8 | 89.5 | 72.2 | 216.8 | 378.5 |
| Answered a newspaper advertisement for a job | 4.8 | 6.5 | * 2.4 | * 1.6 | 7.2 | 11.3 |
| Checked factory or Commonwealth Employment Service noticeboards | 15.3 | 13.9 | 7.5 | 5.3 | 16.5 | 29.2 |
| Been registered with the Commonwealth Employment Service | 14.9 | 14.1 | 7.5 | 5.5 | 16.1 | 29.1 |
| Checked or registered with any other employment agency | * 1.1 | * 1.3 | * 0.0 | * 0.9 | * 1.5 | * 2.4 |
| Advertised or tendered for work | * 0.2 | * 1.0 | * 0.1 | * 0.0 | * 1.2 | * 1.3 |
| Contacted relatives or friends | * 1.7 | 4.7 | * 2.0 | * 0.7 | 3.7 | 6.4 |
| Stood down | 3.9 | 7.3 | * 3.4 | * 1.7 | 6.1 | 11.1 |
| Total | 260.7 | 208.7 | 112.4 | 87.9 | 269.1 | 469.4 |

(a) See the Glossary, Appendix A.

TABLE 39. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND DURATION OF UNEMPLOYMENT, AUGUST 1989 ('000)

| | Duration of unemployment (weeks) | | | | | Total | | |
|------------------------------------------------------------------|----------------------------------|----------------|-----------------|-----------------|-------------|-------|---------|---------|
| | Under 4 | 4 and under 13 | 13 and under 26 | 26 and under 52 | 52 and over | Males | Females | Persons |
| Had worked full time for two weeks or more in the last two years | 59.0 | 75.3 | 47.5 | 48.0 | 25.0 | 158.6 | 96.0 | 254.7 |
| Industry division or subdivision - | | | | | | | | |
| Agriculture, forestry, fishing & hunting | * 1.4 | 4.2 | 3.6 | * 2.9 | * 2.3 | 11.2 | * 3.1 | 14.3 |
| Agriculture & services to agriculture | * 1.1 | * 3.2 | * 2.8 | * 2.7 | * 2.0 | 8.9 | * 2.9 | 11.8 |
| Manufacturing | 12.6 | 16.8 | 9.2 | 9.1 | 5.3 | 37.5 | 15.4 | 52.9 |
| Food, beverages and tobacco | * 1.2 | 3.8 | * 1.9 | * 2.2 | * 2.2 | 6.1 | 5.3 | 11.4 |
| Metal products | * 2.7 | 3.6 | * 1.7 | * 1.4 | * 1.1 | 9.5 | * 1.0 | 10.4 |
| Other manufacturing | 8.7 | 9.3 | 5.6 | 5.5 | * 2.0 | 21.9 | 9.2 | 31.1 |
| Construction | 8.6 | 6.5 | 4.9 | 4.1 | * 1.9 | 24.9 | * 1.0 | 25.9 |
| Wholesale and retail trade | 13.5 | 17.2 | 13.8 | 13.3 | 6.4 | 34.3 | 30.0 | 64.3 |
| Wholesale trade | 3.9 | 4.6 | 4.2 | * 1.6 | * 2.3 | 11.4 | 5.2 | 16.6 |
| Retail trade | 9.6 | 12.6 | 9.6 | 11.6 | 4.2 | 22.9 | 24.8 | 47.7 |
| Transport and storage | * 1.7 | 3.6 | * 2.7 | * 1.9 | * 1.6 | 9.5 | * 2.0 | 11.5 |
| Finance, property & business services | 5.7 | 6.6 | * 2.5 | * 2.7 | * 1.0 | 8.6 | 9.8 | 18.4 |
| Public administration and defence | * 2.1 | * 2.5 | * 1.1 | * 2.0 | * 0.6 | 5.2 | * 3.0 | 8.2 |
| Community services | 6.2 | 7.9 | 3.5 | 5.0 | * 2.4 | 7.9 | 17.1 | 25.0 |
| Recreation, personal & other services | 6.1 | 6.9 | 4.6 | 4.8 | * 2.7 | 11.8 | 13.4 | 25.1 |
| Other industries | * 1.1 | * 3.3 | * 1.5 | * 2.3 | * 0.8 | 7.7 | * 1.3 | 9.0 |
| Occupation group - | | | | | | | | |
| Managers and administrators | * 2.6 | * 2.7 | * 2.0 | * 3.1 | * 1.6 | 9.6 | * 2.5 | 12.1 |
| Professionals | 3.8 | 3.9 | * 2.1 | * 2.2 | * 1.5 | 8.4 | 5.0 | 13.4 |
| Para-professionals | * 1.4 | 3.5 | * 0.7 | * 1.7 | * 0.5 | 4.3 | * 3.4 | 7.7 |
| Tradespersons | 10.1 | 10.9 | 6.0 | 5.5 | 3.5 | 31.1 | 4.9 | 36.0 |
| Clerks | 10.4 | 10.9 | 4.0 | 5.2 | * 2.6 | 8.4 | 24.6 | 33.0 |
| Salespersons and personal service workers | 9.9 | 13.4 | 10.6 | 9.2 | * 2.4 | 14.5 | 31.1 | 45.5 |
| Plant and machine operators | 3.9 | 7.3 | 5.8 | 5.4 | * 2.3 | 19.9 | 4.8 | 24.7 |
| Labourers and related workers | 16.9 | 22.6 | 16.2 | 15.8 | 10.7 | 62.5 | 19.7 | 82.2 |
| Other | 32.0 | 37.6 | 16.3 | 34.5 | 83.2 | 98.2 | 105.4 | 203.6 |
| Looking for first job | 17.6 | 21.3 | 7.3 | 17.8 | 15.5 | 35.5 | 44.1 | 79.5 |
| Looking for full-time work | 7.2 | 8.2 | * 3.3 | 12.6 | 12.0 | 20.7 | 22.6 | 43.3 |
| Former workers | 14.4 | 16.3 | 9.0 | 16.7 | 67.8 | 62.7 | 61.3 | 124.1 |
| Stood down | 11.1 | .. | .. | .. | .. | 3.9 | 7.3 | 11.1 |
| Total | 102.1 | 112.9 | 63.8 | 82.5 | 108.2 | 260.7 | 208.7 | 469.4 |

TABLE 40. UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, AUGUST 1989 (per cent)

| | Males | Females | Persons |
|------------------------------------------------------------------|-------|---------|---------|
| Had worked full time for two weeks or more in the last two years | 3.4 | 3.0 | 3.2 |
| Industry division or subdivision - | | | |
| Agriculture, forestry, fishing and hunting | 3.7 | * 2.6 | 3.4 |
| Agriculture and services to agriculture | 3.2 | * 2.5 | 3.0 |
| Mining | 4.5 | * 4.7 | 4.5 |
| Manufacturing | 4.0 | 4.3 | 4.1 |
| Food, beverages and tobacco | 4.4 | 8.1 | 5.6 |
| Metal products | 5.3 | * 2.8 | 4.9 |
| Other manufacturing | 3.6 | 3.6 | 3.6 |
| Electricity, gas and water | * 1.2 | * 3.2 | * 1.4 |
| Construction | 4.5 | * 1.3 | 4.1 |
| Wholesale and retail trade | 3.8 | 3.9 | 3.8 |
| Wholesale trade | 3.3 | 3.3 | 3.3 |
| Retail trade | 4.1 | 4.1 | 4.1 |
| Transport and storage | 2.8 | * 2.3 | 2.7 |
| Communication | * 2.0 | * 0.9 | * 1.7 |
| Finance, property and business services | 1.9 | 2.3 | 2.1 |
| Public administration and defence | 2.6 | * 2.3 | 2.5 |
| Community services | 1.6 | 1.9 | 1.8 |
| Recreation, personal and other services | 4.7 | 4.1 | 4.3 |
| Occupation group - | | | |
| Managers and administrators | 1.5 | * 1.3 | 1.5 |
| Professionals | 1.4 | 1.3 | 1.4 |
| Para-Professionals | 1.7 | * 1.7 | 1.7 |
| Tradespersons | 2.7 | 3.8 | 2.8 |
| Clerks | 2.7 | 2.4 | 2.4 |
| Salespersons and personal service workers | 3.5 | 4.1 | 3.9 |
| Plant and machine operators, and drivers | 3.8 | 4.5 | 3.9 |
| Labourers and related workers | 7.4 | 4.5 | 6.4 |
| Total | 5.4 | 6.2 | 5.7 |

TABLE 41. UNEMPLOYED PERSONS: REASON FOR LEAVING LAST FULL-TIME JOB

| Month | Reason for unemployment | | | | | Total | Percent of unemployed | | | | |
|-----------|-------------------------|------------|------------|-----------------------|----------------|-------|-----------------------|------------|------------|-----------------------|----------------|
| | Job loser | Job leaver | Stood down | Looking for first job | Former workers | | Job loser | Job leaver | Stood down | Looking for first job | Former workers |
| | -'000 - | | | | | | - per cent - | | | | |
| 1988 - | | | | | | | | | | | |
| June | 183.7 | 110.0 | 11.9 | 94.0 | 169.4 | 569.1 | 32.3 | 19.3 | 2.1 | 16.5 | 29.8 |
| July | 172.9 | 96.5 | 15.3 | 82.5 | 151.5 | 518.8 | 33.3 | 18.6 | 3.0 | 15.9 | 29.2 |
| August | 170.7 | 113.5 | 8.6 | 90.6 | 155.3 | 538.7 | 31.7 | 21.1 | 1.6 | 16.8 | 28.8 |
| September | 169.8 | 113.3 | 16.6 | 98.3 | 156.5 | 554.6 | 30.6 | 20.4 | 3.0 | 17.7 | 28.2 |
| October | 156.9 | 95.9 | 12.3 | 90.4 | 152.3 | 507.9 | 30.9 | 18.9 | 2.4 | 17.8 | 30.0 |
| November | 152.0 | 91.4 | 14.1 | 85.2 | 145.6 | 488.4 | 31.1 | 18.7 | 2.9 | 17.4 | 29.8 |
| December | 146.5 | 109.6 | 11.7 | 147.0 | 148.6 | 563.3 | 26.0 | 19.4 | 2.1 | 26.1 | 26.4 |
| 1989 - | | | | | | | | | | | |
| January | 172.0 | 110.6 | 19.1 | 141.7 | 149.0 | 592.4 | 29.0 | 18.7 | 3.2 | 23.9 | 25.2 |
| February | 164.7 | 126.3 | 15.1 | 128.0 | 164.0 | 598.1 | 27.5 | 21.1 | 2.5 | 21.4 | 27.4 |
| March | 150.8 | 124.3 | 15.8 | 99.8 | 155.6 | 546.3 | 27.6 | 22.8 | 2.9 | 18.3 | 28.5 |
| April | 140.0 | 111.4 | 13.2 | 94.5 | 157.0 | 516.1 | 27.1 | 21.6 | 2.6 | 18.3 | 30.4 |
| May | 148.7 | 109.6 | 14.2 | 88.0 | 158.1 | 518.5 | 28.7 | 21.1 | 2.7 | 17.0 | 30.5 |
| June | 150.0 | 98.7 | 12.7 | 77.9 | 138.2 | 477.4 | 31.4 | 20.7 | 2.7 | 16.3 | 28.9 |
| July | 146.5 | 100.2 | 16.4 | 78.6 | 141.7 | 483.4 | 30.3 | 20.7 | 3.4 | 16.3 | 29.3 |
| August | 149.9 | 104.8 | 11.1 | 79.5 | 124.1 | 469.4 | 31.9 | 22.3 | 2.4 | 16.9 | 26.4 |

TABLE 42. UNEMPLOYED PERSONS WHO HAD WORKED PULL TIME FOR TWO WEEKS OR MORE IN THE LAST TWO YEARS: REASON FOR CEASING LAST FULL-TIME JOB, INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND AGE, AUGUST 1989 ('000)

| Industry group | Reason for ceasing last full-time job | | | | | | | | | | Total |
|--------------------------------------------|---------------------------------------|---------|---------|-------|---------|---------|------------|---------|---------|-------|-------|
| | Job loser | | | | | | Job leaver | | | | |
| | Laid-off, retrenched | | | Total | | | Males | | Females | | |
| | Males | Females | Persons | Males | Females | Persons | Males | Females | Persons | | |
| Agriculture, forestry, fishing and hunting | 3.7 | * 0.6 | 4.3 | 9.0 | * 2.4 | 11.5 | * 2.2 | * 0.7 | * 2.9 | 14.3 | |
| Manufacturing | 19.9 | 5.3 | 25.2 | 25.6 | 8.4 | 34.0 | 11.9 | 7.1 | 18.9 | 52.9 | |
| Construction | 13.2 | * 0.4 | 13.6 | 18.9 | * 0.5 | 19.4 | 6.0 | * 0.5 | 6.5 | 25.9 | |
| Wholesale and retail | 13.5 | 10.8 | 24.2 | 18.6 | 14.0 | 32.6 | 15.6 | 16.0 | 31.6 | 64.3 | |
| Transport and storage | 4.7 | * 0.8 | 5.4 | 7.0 | * 1.3 | 8.4 | * 2.5 | * 0.6 | * 3.1 | 11.5 | |
| Public administration & defence | * 2.7 | * 0.2 | * 2.9 | 3.7 | * 2.2 | 5.9 | * 1.5 | * 0.8 | * 2.3 | 8.2 | |
| Community services | * 2.9 | * 1.3 | 4.2 | 4.6 | 6.2 | 10.9 | * 3.3 | 10.8 | 14.1 | 25.0 | |
| Recreation, personal and other services | 3.8 | 3.8 | 7.6 | 6.3 | 7.2 | 13.5 | 5.4 | 6.2 | 11.6 | 25.1 | |
| Other industries | 7.0 | * 1.4 | 8.4 | 10.0 | 3.7 | 13.7 | 6.3 | 7.4 | 13.7 | 27.4 | |
| Occupation group | | | | | | | | | | | |
| Tradespersons | 14.9 | * 1.7 | 16.6 | 20.1 | * 2.3 | 22.5 | 11.0 | * 2.6 | 13.5 | 36.0 | |
| Clerks | * 3.3 | 5.0 | 8.3 | 4.2 | 11.0 | 15.2 | 4.2 | 13.7 | 17.8 | 33.0 | |
| Salespersons and personal service workers | 5.5 | 9.5 | 15.0 | 7.1 | 14.0 | 21.1 | 7.3 | 17.0 | 24.4 | 45.5 | |
| Plant and machine operators, and drivers | 8.9 | * 1.8 | 10.7 | 13.4 | * 3.3 | 16.7 | 6.5 | * 1.5 | 8.0 | 24.7 | |
| Labourers and related workers | 30.5 | 4.9 | 35.4 | 45.6 | 12.2 | 57.8 | 16.9 | 7.5 | 24.4 | 82.2 | |
| Other occupations | 8.3 | * 1.5 | 9.8 | 13.4 | * 3.2 | 16.6 | 8.9 | 7.7 | 16.7 | 33.3 | |
| Age group | | | | | | | | | | | |
| 15-19 | 10.9 | 6.8 | 17.7 | 14.1 | 11.2 | 25.2 | 9.9 | 9.6 | 19.5 | 44.7 | |
| 20-24 | 12.4 | 7.5 | 20.0 | 18.2 | 11.1 | 29.3 | 15.1 | 13.6 | 28.7 | 58.0 | |
| 25-34 | 22.3 | 5.2 | 27.5 | 32.7 | 12.7 | 45.4 | 15.0 | 15.8 | 30.9 | 76.3 | |
| 35-44 | 12.8 | * 2.4 | 15.2 | 18.9 | 5.8 | 24.7 | 8.2 | 6.3 | 14.5 | 39.2 | |
| 45-54 | 5.9 | * 2.1 | 8.0 | 10.2 | 4.6 | 14.9 | * 2.7 | 4.1 | 6.8 | 21.6 | |
| 55 and over | 6.9 | * 0.4 | 7.4 | 9.8 | * 0.6 | 10.4 | 3.8 | * 0.7 | 4.5 | 14.9 | |
| Total | 71.4 | 24.4 | 95.8 | 103.9 | 46.0 | 149.9 | 54.8 | 50.0 | 104.8 | 254.7 | |

TABLE 43. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, AUGUST 1989

| Age group | Males | | | Females | | | Persons | Proportion of population - per cent - |
|-------------|---------|-------------|---------|----------|-------------|---------|---------|------------------------------------------|
| | Married | Not married | Total | Married | Not married | Total | | |
| | | | | | | | | |
| | | | | - '000 - | | | | |
| 15-19 | * 0.7 | 288.2 | 288.9 | 10.6 | 284.9 | 295.5 | 584.4 | 41.6 |
| 20-24 | 3.5 | 68.6 | 72.1 | 74.3 | 73.8 | 148.1 | 220.2 | 16.6 |
| 25-34 | 27.8 | 44.3 | 72.1 | 402.1 | 80.6 | 482.6 | 554.7 | 20.1 |
| 35-44 | 52.5 | 32.3 | 84.8 | 311.1 | 65.2 | 376.3 | 461.0 | 18.3 |
| 45-54 | 67.8 | 33.0 | 100.8 | 282.2 | 64.5 | 346.7 | 447.5 | 25.6 |
| 55-59 | 68.5 | 24.4 | 92.9 | 189.1 | 55.2 | 244.2 | 337.1 | 46.2 |
| 60-64 | 138.0 | 44.2 | 182.2 | 219.3 | 98.8 | 318.1 | 500.3 | 68.4 |
| 65-69 | 211.7 | 56.6 | 268.3 | 195.2 | 136.2 | 331.3 | 599.6 | 91.5 |
| 70 and over | 328.8 | 128.8 | 457.6 | 233.7 | 482.2 | 715.9 | 1,173.5 | 97.1 |
| Total | 899.2 | 720.5 | 1,619.7 | 1,917.4 | 1,341.3 | 3,258.7 | 4,878.5 | 37.3 |

TABLE 44. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., AUGUST 1989 ('000)

| | Males | | | Females | | | Persons |
|----------------------------------------|---------|-------------|---------|---------|-------------|---------|---------|
| | Married | Not married | Total | Married | Not married | Total | |
| Looking for work | | | | | | | |
| Took active steps to find work (a) | 11.1 | 25.0 | 36.1 | 22.5 | 22.8 | 45.4 | 81.5 |
| Did not take active steps to find work | 6.6 | 15.5 | 22.1 | 6.6 | 11.4 | 18.0 | 40.1 |
| Total | 4.5 | 9.5 | 14.0 | 15.9 | 11.5 | 27.4 | 41.4 |
| Not looking for work | 851.4 | 628.6 | 1,479.9 | 1,873.8 | 1,201.6 | 3,075.4 | 4,555.3 |
| Permanently unable to work | 14.4 | 7.6 | 22.0 | 5.5 | 11.0 | 16.5 | 38.5 |
| In institutions | 22.3 | 59.4 | 81.7 | 15.6 | 105.8 | 121.5 | 203.1 |
| Total | 899.2 | 720.5 | 1,619.7 | 1,917.4 | 1,341.3 | 3,258.7 | 4,878.5 |

(a) Not available to start work in the reference week for reasons other than own temporary illness or injury.

TABLE 45. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS JULY 1989 AND AUGUST 1989 ('000)

| Labour force status in - July 1989 | August 1989 | Females | | Persons | |
|----------------------------------------------|-------------------------|---------|---------|---------|----------|
| | | Males | Married | | Total |
| Employed full time | Employed full time | 3,318.0 | 760.5 | 1,418.0 | 4,735.9 |
| | Employed part time | 49.6 | 56.4 | 84.9 | 134.4 |
| | Unemployed | 24.3 | 4.5 | 10.5 | 34.8 |
| | Not in the labour force | 41.1 | 21.6 | 32.8 | 73.9 |
| Employed part time | Employed full time | 45.4 | 54.4 | 76.0 | 121.4 |
| | Employed part time | 191.5 | 628.6 | 857.8 | 1,049.3 |
| | Unemployed | 10.1 | 5.6 | 12.5 | 22.5 |
| | Not in the labour force | 30.6 | 53.2 | 77.2 | 107.8 |
| Unemployed | Employed full time | 24.4 | 5.0 | 14.6 | 39.0 |
| | Employed part time | 15.9 | 13.8 | 22.9 | 38.8 |
| | Unemployed | 129.1 | 30.5 | 89.0 | 218.2 |
| | Not in the labour force | 32.1 | 17.3 | 40.8 | 72.8 |
| Not in the labour force | Employed full time | 27.2 | 19.7 | 26.4 | 53.6 |
| | Employed part time | 24.1 | 58.1 | 76.8 | 100.9 |
| | Unemployed | 30.3 | 23.0 | 47.7 | 77.9 |
| | Not in the labour force | 1,082.6 | 1,441.9 | 2,333.7 | 3,416.3 |
| Total flows into | Employed | 91.6 | 96.7 | 140.8 | 232.3 |
| | Full time | 97.0 | 79.2 | 117.0 | 214.0 |
| | Part time | 89.5 | 128.3 | 184.6 | 274.2 |
| | Unemployed | 64.7 | 33.1 | 70.6 | 135.3 |
| | Not in the labour force | 103.8 | 92.1 | 150.8 | 254.5 |
| Total flows out of | Employed | 106.1 | 84.9 | 133.0 | 239.0 |
| | Full time | 115.0 | 82.5 | 128.2 | 243.2 |
| | Part time | 86.0 | 113.2 | 165.7 | 251.7 |
| | Unemployed | 72.3 | 36.2 | 78.3 | 150.7 |
| | Not in the labour force | 81.6 | 100.9 | 150.8 | 232.4 |
| Total changes of status | | 260.0 | 221.9 | 362.2 | 622.1 |
| Population represented by the matched sample | | 5,076.1 | 3,194.2 | 5,221.5 | 10,297.6 |

TABLE 46. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, AUGUST 1989

| | Employed | Unemployed | Labour force | Not in labour force | Civilian population aged 15 and over | | |
|-----------------------------------------------------------------------------|----------|------------|--------------|---------------------|--------------------------------------|---------|----------|
| | | | | | Males | Females | Persons |
| NUMBER ('000) | | | | | | | |
| Member of a family | 6,322.1 | 362.7 | 6,684.9 | 3,649.0 | 5,137.2 | 5,196.7 | 10,333.9 |
| Husband or wife | 4,685.9 | 179.5 | 4,865.4 | 2,628.8 | 3,777.5 | 3,716.7 | 7,494.2 |
| With children aged 0-14 present | 2,485.6 | 111.1 | 2,596.7 | 784.9 | 1,711.6 | 1,670.0 | 3,381.6 |
| Without children aged 0-14 present | 2,200.2 | 68.4 | 2,268.7 | 1,843.9 | 2,065.9 | 2,046.7 | 4,112.6 |
| With dependents present | 2,899.2 | 118.9 | 3,018.1 | 907.4 | 1,984.4 | 1,941.1 | 3,925.5 |
| Without dependents present | 1,786.7 | 60.6 | 1,847.3 | 1,721.4 | 1,793.1 | 1,775.6 | 3,568.7 |
| Other family head | 271.3 | 25.7 | 297.1 | 295.2 | 107.4 | 484.8 | 592.3 |
| With children aged 0-14 present | 127.7 | 15.1 | 142.8 | 134.2 | 27.3 | 249.7 | 277.0 |
| Without children aged 0-14 present | 143.6 | 10.6 | 154.2 | 161.0 | 80.1 | 235.2 | 315.3 |
| With dependents present | 179.5 | 20.1 | 199.6 | 154.0 | 46.8 | 306.8 | 353.6 |
| Without dependents present | 91.9 | 5.6 | 97.5 | 141.2 | 60.6 | 178.1 | 238.7 |
| Full-time student aged 15-24(a) | 250.7 | 45.3 | 296.0 | 519.6 | 405.1 | 410.5 | 815.6 |
| Other child of married-couple or other family head | 1,029.5 | 98.1 | 1,127.5 | 92.3 | 755.6 | 464.3 | 1,219.9 |
| Other relative of married-couple or other family head | 84.7 | 14.2 | 98.9 | 113.0 | 91.6 | 120.3 | 211.9 |
| Not a member of a family | 1,020.5 | 72.9 | 1,093.4 | 718.7 | 876.9 | 935.2 | 1,812.2 |
| Living alone | 443.5 | 28.4 | 471.9 | 615.8 | 455.3 | 632.4 | 1,087.7 |
| Not living alone | 577.0 | 44.6 | 621.5 | 103.0 | 421.7 | 302.9 | 724.5 |
| Usual resident of a private dwelling where family status was determined | 7,342.6 | 435.7 | 7,778.3 | 4,367.7 | 6,014.1 | 6,131.9 | 12,146.0 |
| Usual resident of a private dwelling where family status was not determined | 220.6 | 16.0 | 236.5 | 103.1 | 155.6 | 184.1 | 339.7 |
| Total usual residents of private dwellings | 7,563.2 | 451.7 | 8,014.9 | 4,470.8 | 6,169.7 | 6,316.0 | 12,485.7 |
| Visitors to private dwellings | 47.6 | 5.3 | 53.0 | 70.6 | 58.5 | 65.1 | 123.6 |
| Persons enumerated in non-private dwellings | 116.7 | 12.4 | 129.1 | 337.0 | 224.1 | 242.0 | 466.1 |
| Total | 7,727.6 | 469.4 | 8,197.0 | 4,878.5 | 6,452.3 | 6,623.1 | 13,075.4 |
| PROPORTION OF TOTAL (per cent) | | | | | | | |
| Member of a family | 81.8 | 77.3 | 81.6 | 74.8 | 79.6 | 78.5 | 79.0 |
| Husband or wife | 60.6 | 38.2 | 59.4 | 53.9 | 58.5 | 56.1 | 57.3 |
| With children aged 0-14 present | 32.2 | 23.7 | 31.7 | 16.1 | 26.5 | 25.2 | 25.9 |
| Without children aged 0-14 present | 28.5 | 14.6 | 27.7 | 37.8 | 32.0 | 30.9 | 31.5 |
| With dependents present | 37.5 | 25.3 | 36.8 | 18.6 | 30.8 | 29.3 | 30.0 |
| Without dependents present | 23.1 | 12.9 | 22.5 | 35.3 | 27.8 | 26.8 | 27.3 |
| Other family head | 3.5 | 5.5 | 3.6 | 6.1 | 1.7 | 7.3 | 4.5 |
| With children aged 0-14 present | 1.7 | 3.2 | 1.7 | 2.8 | 0.4 | 3.8 | 2.1 |
| Without children aged 0-14 present | 1.9 | 2.3 | 1.9 | 3.3 | 1.2 | 3.6 | 2.4 |
| With dependents present | 2.3 | 4.3 | 2.4 | 3.2 | 0.7 | 4.6 | 2.7 |
| Without dependents present | 1.2 | 1.2 | 1.2 | 2.9 | 0.9 | 2.7 | 1.8 |
| Full-time student aged 15-24(a) | 3.2 | 9.6 | 3.6 | 10.7 | 6.3 | 6.2 | 6.2 |
| Other child of married-couple or other family head | 13.3 | 20.9 | 13.8 | 1.9 | 11.7 | 7.0 | 9.3 |
| Other relative of married-couple or other family head | 1.1 | 3.0 | 1.2 | 2.3 | 1.4 | 1.8 | 1.6 |
| Not a member of a family | 13.2 | 15.5 | 13.3 | 14.7 | 13.6 | 14.1 | 13.9 |
| Living alone | 5.7 | 6.0 | 5.8 | 12.6 | 7.1 | 9.5 | 8.3 |
| Not living alone | 7.5 | 9.5 | 7.6 | 2.1 | 6.5 | 4.6 | 5.5 |
| Usual resident of a private dwelling where family status was determined | 95.0 | 92.8 | 94.9 | 89.5 | 93.2 | 92.6 | 92.9 |
| Usual resident of a private dwelling where family status was not determined | 2.9 | 3.4 | 2.9 | 2.1 | 2.4 | 2.8 | 2.6 |
| Total usual residents of private dwellings | 97.9 | 96.2 | 97.8 | 91.6 | 95.6 | 95.4 | 95.5 |
| Visitors to private dwellings | 0.6 | 1.1 | 0.6 | 1.4 | 0.9 | 1.0 | 0.9 |
| Persons enumerated in non-private dwellings | 1.5 | 2.6 | 1.6 | 6.9 | 3.5 | 3.7 | 3.6 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

(a) Excludes persons aged 20-24 attending school.

TABLE 47. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), AUGUST 1989

| | Employed | | Unemployed | | Labour force | Not in labour force | Civilian population aged 15 and over | Unemployment rate | Participation rate | |
|-------------------------------------------------------|-------------------|-------------------|----------------------------|-------|--------------|---------------------|--------------------------------------|-------------------|--------------------|------|
| | Full-time workers | Part-time workers | Looking for full-time work | Total | | | | | | |
| | - '000 - | | | | | | | - per cent - | | |
| MALES | | | | | | | | | | |
| Member of a family | 3,459.1 | 279.4 | 3,738.5 | 174.9 | 197.4 | 3,935.9 | 1,201.3 | 5,137.2 | 5.0 | 76.6 |
| Husband | 2,724.2 | 125.2 | 2,849.4 | 99.3 | 103.2 | 2,952.7 | 824.8 | 3,777.5 | 3.5 | 78.2 |
| With children aged 0-14 present | 1,525.4 | 38.9 | 1,564.3 | 61.5 | 62.6 | 1,626.9 | 84.6 | 1,711.6 | 3.8 | 95.1 |
| Without children aged 0-14 present | 1,198.8 | 86.4 | 1,285.1 | 37.8 | 40.6 | 1,325.7 | 740.2 | 2,065.9 | 3.1 | 64.2 |
| With dependents present | 1,753.1 | 48.1 | 1,801.2 | 66.8 | 68.2 | 1,869.4 | 115.0 | 1,984.4 | 3.6 | 94.2 |
| Without dependents present | 971.1 | 77.1 | 1,048.2 | 32.8 | 35.1 | 1,083.3 | 709.8 | 1,793.1 | 3.2 | 60.4 |
| Other family head | 71.0 | 3.7 | 74.6 | 3.8 | 3.9 | 78.5 | 28.9 | 107.4 | 5.0 | 73.1 |
| With children aged 0-14 present | 18.9 | * 1.1 | 20.0 | * 1.1 | * 1.1 | 21.1 | 6.2 | 27.3 | * 5.4 | 77.4 |
| Without children aged 0-14 present | 52.0 | * 2.6 | 54.6 | * 2.6 | * 2.8 | 57.4 | 22.7 | 80.1 | * 4.8 | 71.6 |
| With dependents present | 34.1 | * 1.1 | 35.1 | * 2.8 | * 2.8 | 38.0 | 8.9 | 46.8 | * 7.4 | 81.0 |
| Without dependents present | 36.9 | * 2.6 | 39.5 | * 1.0 | * 1.1 | 40.6 | 20.0 | 60.6 | * 2.7 | 66.9 |
| Full-time student aged 15-24(b) | 4.3 | 112.9 | 117.2 | 4.2 | 20.3 | 137.4 | 267.7 | 405.1 | 14.7 | 33.9 |
| Other child of married-couple or other family head | 606.1 | 34.6 | 640.8 | 61.1 | 62.9 | 703.7 | 51.9 | 755.6 | 8.9 | 93.1 |
| Other relative of married-couple or other family head | 53.5 | * 3.0 | 56.5 | 6.5 | 7.1 | 63.6 | 28.0 | 91.6 | 11.1 | 69.4 |
| Not a member of a family | 567.7 | 51.1 | 618.7 | 38.8 | 43.3 | 662.0 | 214.9 | 876.9 | 6.5 | 75.5 |
| Living alone | 254.2 | 21.1 | 275.2 | 17.3 | 18.6 | 293.8 | 161.4 | 455.3 | 6.3 | 64.5 |
| Not living alone | 313.5 | 30.0 | 343.5 | 21.4 | 24.7 | 368.2 | 53.5 | 421.7 | 6.7 | 87.3 |
| Total | 4,026.8 | 330.5 | 4,357.3 | 213.7 | 240.6 | 4,597.9 | 1,416.2 | 6,014.1 | 5.2 | 76.5 |
| FEMALES | | | | | | | | | | |
| Member of a family | 1,448.7 | 1,135.0 | 2,583.6 | 103.3 | 165.4 | 2,749.0 | 2,447.7 | 5,196.7 | 6.0 | 52.9 |
| Wife | 967.0 | 869.5 | 1,836.5 | 44.1 | 76.3 | 1,912.7 | 1,800.0 | 3,716.7 | 4.0 | 51.5 |
| With children aged 0-14 present | 371.8 | 549.6 | 921.4 | 25.0 | 48.4 | 969.8 | 700.2 | 1,670.0 | 5.0 | 58.1 |
| Without children aged 0-14 present | 595.2 | 319.9 | 915.1 | 19.2 | 27.8 | 942.9 | 1,103.8 | 2,046.7 | 3.0 | 46.1 |
| With dependents present | 464.9 | 633.1 | 1,098.0 | 26.1 | 50.8 | 1,148.7 | 792.4 | 1,941.1 | 4.4 | 59.2 |
| Without dependents present | 502.1 | 236.4 | 738.5 | 18.1 | 25.5 | 764.0 | 1,011.6 | 1,775.6 | 3.3 | 43.0 |
| Other family head | 117.9 | 78.8 | 196.7 | 15.2 | 21.8 | 218.5 | 266.3 | 484.8 | 10.0 | 45.1 |
| With children aged 0-14 present | 55.8 | 51.9 | 107.7 | 8.8 | 14.0 | 121.7 | 128.0 | 249.7 | 11.5 | 48.7 |
| Without children aged 0-14 present | 62.1 | 26.9 | 89.0 | 6.4 | 7.9 | 96.8 | 138.3 | 235.2 | 8.1 | 41.2 |
| With dependents present | 80.1 | 64.3 | 144.3 | 11.7 | 17.3 | 161.6 | 145.1 | 306.8 | 10.7 | 52.7 |
| Without dependents present | 37.8 | 14.6 | 52.4 | 3.5 | 4.5 | 56.9 | 121.2 | 178.1 | 8.0 | 32.0 |
| Full-time student aged 15-24(b) | * 2.1 | 131.4 | 133.5 | 3.6 | 25.0 | 158.5 | 252.0 | 410.5 | 15.8 | 38.6 |
| Other child of married-couple or other family head | 338.9 | 49.9 | 388.7 | 33.5 | 35.1 | 423.9 | 40.4 | 464.3 | 8.3 | 91.3 |
| Other relative of married-couple or other family head | 22.8 | 5.4 | 28.2 | 6.9 | 7.1 | 35.3 | 85.0 | 120.3 | 20.2 | 29.4 |
| Not a member of a family | 331.4 | 70.3 | 401.8 | 25.8 | 29.7 | 431.4 | 503.8 | 935.2 | 6.9 | 46.1 |
| Living alone | 138.4 | 29.9 | 168.3 | 7.7 | 9.8 | 178.1 | 454.3 | 632.4 | 5.5 | 28.2 |
| Not living alone | 193.0 | 40.4 | 233.5 | 18.1 | 19.9 | 253.4 | 49.5 | 302.9 | 7.9 | 83.7 |
| Total | 1,780.1 | 1,205.3 | 2,985.4 | 129.1 | 195.1 | 3,180.4 | 2,951.5 | 6,131.9 | 6.1 | 51.9 |
| PERSONS | | | | | | | | | | |
| Member of a family | 4,907.8 | 1,414.4 | 6,322.1 | 278.2 | 362.7 | 6,684.9 | 3,649.0 | 10,333.9 | 5.4 | 64.7 |
| Husband or wife | 3,691.1 | 994.7 | 4,685.9 | 143.4 | 179.5 | 4,865.4 | 2,628.8 | 7,494.2 | 3.7 | 64.9 |
| With children aged 0-14 present | 1,897.2 | 588.4 | 2,485.6 | 86.5 | 111.1 | 2,596.7 | 784.9 | 3,381.6 | 4.3 | 76.8 |
| Without children aged 0-14 present | 1,793.9 | 406.3 | 2,200.2 | 56.9 | 68.4 | 2,268.7 | 1,843.9 | 4,112.6 | 3.0 | 55.2 |
| With dependents present | 2,217.9 | 681.2 | 2,899.2 | 92.6 | 118.9 | 3,018.1 | 907.4 | 3,925.5 | 3.9 | 76.9 |
| Without dependents present | 1,473.2 | 313.5 | 1,786.7 | 50.8 | 60.6 | 1,847.3 | 1,721.4 | 3,568.7 | 3.3 | 51.8 |
| Other family head | 188.8 | 82.5 | 271.3 | 19.0 | 25.7 | 297.1 | 295.2 | 592.3 | 8.7 | 50.2 |
| With children aged 0-14 present | 74.7 | 53.0 | 127.7 | 10.0 | 15.1 | 142.8 | 134.2 | 277.0 | 10.6 | 51.6 |
| Without children aged 0-14 present | 114.1 | 29.5 | 143.6 | 9.0 | 10.6 | 154.2 | 161.0 | 315.3 | 6.9 | 48.9 |
| With dependents present | 114.1 | 65.3 | 179.5 | 14.5 | 20.1 | 199.6 | 154.0 | 353.6 | 10.1 | 56.4 |
| Without dependents present | 74.7 | 17.1 | 91.9 | 4.5 | 5.6 | 97.5 | 141.2 | 238.7 | 5.8 | 40.8 |
| Full-time student aged 15-24(b) | 6.4 | 244.3 | 250.7 | 7.9 | 45.3 | 296.0 | 519.6 | 815.6 | 15.3 | 36.3 |
| Other child of married-couple or other family head | 945.0 | 84.5 | 1,029.5 | 94.6 | 98.1 | 1,127.5 | 92.3 | 1,219.9 | 8.7 | 92.4 |
| Other relative of married-couple or other family head | 76.4 | 8.3 | 84.7 | 13.4 | 14.2 | 98.9 | 113.0 | 211.9 | 14.3 | 46.7 |
| Not a member of a family | 899.1 | 121.4 | 1,020.5 | 64.6 | 72.9 | 1,093.4 | 718.7 | 1,812.2 | 6.7 | 60.3 |
| Living alone | 392.6 | 51.0 | 443.5 | 25.0 | 28.4 | 471.9 | 615.8 | 1,087.7 | 6.0 | 43.4 |
| Not living alone | 506.5 | 70.4 | 577.0 | 39.5 | 44.6 | 621.5 | 103.0 | 724.5 | 7.2 | 85.8 |
| Total | 5,806.9 | 1,535.8 | 7,342.6 | 342.8 | 435.7 | 7,778.3 | 4,367.7 | 12,146.0 | 5.6 | 64.0 |

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes paragraphs 44 to 46, Appendix B. (b) Excludes persons aged 20-24 attending school

TABLE 48. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF FAMILY MEMBERS AND EMPLOYMENT STATUS(b), AUGUST 1989 ('000 families)

| Number of family members(c) | None employed | | | One employed | | | Two or more employed | | | Total | | |
|-----------------------------------|------------------|-------------------------|-------|------------------|-------------------------|---------|----------------------|-------------------------|---------|------------------|-------------------------|---------|
| | None unemp-loyed | One or more unemp-loyed | Total | None unemp-loyed | One or more unemp-loyed | Total | None unemp-loyed | One or more unemp-loyed | Total | None unemp-loyed | One or more unemp-loyed | Total |
| MARRIED-COUPLE FAMILIES | | | | | | | | | | | | |
| Two | 559.0 | 21.7 | 580.7 | 246.7 | 18.8 | 265.5 | 510.8 | .. | 510.8 | 1,316.4 | 40.5 | 1,356.9 |
| Three | 35.3 | 22.0 | 57.3 | 222.1 | 27.4 | 249.5 | 409.0 | 15.7 | 424.6 | 666.3 | 65.1 | 731.4 |
| Four | 19.9 | 20.4 | 40.3 | 245.0 | 29.8 | 274.8 | 625.4 | 28.8 | 654.2 | 890.3 | 79.0 | 969.3 |
| Five | 10.7 | 12.2 | 22.9 | 139.1 | 13.9 | 153.0 | 285.6 | 21.5 | 307.1 | 435.4 | 47.6 | 483.0 |
| Six or more | 8.6 | 9.4 | 18.0 | 53.7 | 5.3 | 59.0 | 107.3 | 15.2 | 122.5 | 169.6 | 29.9 | 199.5 |
| Total | 633.4 | 85.6 | 719.1 | 906.5 | 95.3 | 1,001.8 | 1,938.0 | 81.2 | 2,019.2 | 3,478.0 | 262.1 | 3,740.1 |
| OTHER FAMILIES WITH A MALE HEAD | | | | | | | | | | | | |
| Two | 11.4 | * 2.4 | 13.8 | 25.8 | * 2.8 | 28.6 | 28.9 | .. | 28.9 | 66.1 | 5.3 | 71.4 |
| Three | * 1.3 | * 1.2 | * 2.5 | 6.7 | * 1.7 | 8.4 | 13.3 | * 1.3 | 14.6 | 21.3 | 4.2 | 25.5 |
| Four or more | * 1.7 | * 0.0 | * 1.7 | 5.2 | * 0.4 | 5.6 | * 2.0 | * 1.3 | * 3.3 | 8.9 | * 1.7 | 10.5 |
| Total | 14.4 | 3.6 | 18.0 | 37.7 | 4.9 | 42.6 | 44.2 | * 2.6 | 46.8 | 96.2 | 11.1 | 107.4 |
| OTHER FAMILIES WITH A FEMALE HEAD | | | | | | | | | | | | |
| Two | 89.6 | 18.4 | 108.0 | 120.5 | 7.5 | 128.0 | 38.5 | .. | 38.5 | 248.5 | 25.9 | 274.4 |
| Three | 42.2 | 8.1 | 50.3 | 50.3 | 6.9 | 57.2 | 32.2 | * 3.0 | 35.2 | 124.7 | 18.0 | 142.7 |
| Four | 15.0 | * 2.3 | 17.3 | 14.8 | * 1.5 | 16.3 | 13.2 | * 1.7 | 14.9 | 43.1 | 5.5 | 48.6 |
| Five or more | 8.2 | * 1.4 | 9.6 | * 2.9 | * 0.9 | 3.7 | 4.4 | * 1.0 | 5.4 | 15.5 | * 3.2 | 18.7 |
| Total | 155.0 | 30.1 | 185.1 | 188.5 | 16.8 | 205.3 | 88.3 | 5.7 | 94.0 | 431.8 | 52.6 | 484.4 |
| OTHER FAMILIES: TOTAL | | | | | | | | | | | | |
| Two | 101.0 | 20.8 | 121.8 | 146.3 | 10.3 | 156.6 | 67.4 | .. | 67.4 | 314.6 | 31.1 | 345.7 |
| Three | 43.5 | 9.2 | 52.7 | 57.0 | 8.6 | 65.6 | 45.5 | 4.3 | 49.8 | 146.0 | 22.2 | 168.1 |
| Four | 15.8 | * 2.3 | 18.2 | 18.7 | * 1.9 | 20.6 | 15.3 | * 2.6 | 17.8 | 49.8 | 6.8 | 56.6 |
| Five | 5.6 | * 1.2 | 6.7 | * 3.3 | * 0.4 | 3.7 | * 3.4 | * 1.1 | 4.5 | 12.3 | * 2.7 | 15.0 |
| Six or more | 3.5 | * 0.2 | 3.6 | * 0.9 | * 0.5 | * 1.4 | * 1.0 | * 0.3 | * 1.3 | 5.3 | * 0.9 | 6.3 |
| Total | 169.4 | 33.7 | 203.1 | 226.1 | 21.7 | 247.9 | 132.5 | 8.3 | 140.8 | 528.0 | 63.7 | 591.8 |
| ALL FAMILIES | | | | | | | | | | | | |
| Two | 659.9 | 42.5 | 702.5 | 392.9 | 29.1 | 422.1 | 578.1 | .. | 578.1 | 1,631.0 | 71.7 | 1,702.6 |
| Three | 78.8 | 31.2 | 110.0 | 279.0 | 36.1 | 315.1 | 454.5 | 20.0 | 474.4 | 812.3 | 87.2 | 899.5 |
| Four | 35.8 | 22.7 | 58.4 | 263.7 | 31.7 | 295.4 | 640.6 | 31.4 | 672.1 | 940.1 | 85.8 | 1,025.9 |
| Five | 16.3 | 13.4 | 29.6 | 142.4 | 14.3 | 156.7 | 289.1 | 22.6 | 311.7 | 447.7 | 50.3 | 498.0 |
| Six or more | 12.0 | 9.6 | 21.6 | 54.6 | 5.8 | 60.4 | 108.3 | 15.4 | 123.7 | 174.9 | 30.9 | 205.8 |
| Total | 802.8 | 119.4 | 922.2 | 1,132.7 | 117.0 | 1,249.7 | 2,070.6 | 89.5 | 2,160.0 | 4,006.1 | 325.8 | 4,331.9 |

(a) See Explanatory Notes paragraphs 44 to 46, Appendix B, for details of exclusions to family tables. (b) Employment status refers to persons aged 15 and over only. (c) Of any age.

TABLE 49. ALL FAMILIES(a): TYPE OF FAMILY, NUMBER OF CHILDREN AGED 0-14 PRESENT, NUMBER OF DEPENDENTS PRESENT, AND LABOUR FORCE STATUS(b), AUGUST 1989 ('000 families)

| | Number of children aged 0-14 present | | | Number of dependents present | | | Total |
|---------------------------------------------------------------|--------------------------------------|-------|-------------|------------------------------|-------|-------------|---------|
| | None | One | Two or more | None | One | Two or more | |
| NO FAMILY MEMBER EMPLOYED | | | | | | | |
| Married-couple families | 623.3 | 31.0 | 64.8 | 609.6 | 35.8 | 73.7 | 719.1 |
| One or both spouses unemployed(c) | 25.7 | 14.9 | 33.6 | 24.7 | 13.2 | 36.3 | 74.2 |
| Husband unemployed, wife unemployed | 5.1 | * 2.2 | 5.0 | 5.1 | * 1.9 | 5.4 | 12.3 |
| Husband unemployed, wife not in the labour force | 18.9 | 12.0 | 26.6 | 17.9 | 11.1 | 28.5 | 57.5 |
| Neither spouse unemployed | 597.6 | 16.1 | 31.2 | 584.8 | 22.6 | 37.5 | 644.9 |
| Other families | 70.6 | 70.0 | 62.5 | 55.2 | 77.4 | 70.5 | 203.1 |
| Family head unemployed | 4.6 | 6.4 | 7.4 | * 1.7 | 8.5 | 8.2 | 18.4 |
| Male head unemployed | * 0.7 | * 0.7 | * 0.4 | * 0.2 | * 1.1 | * 0.6 | * 1.9 |
| Female head unemployed | 3.9 | 5.6 | 7.0 | * 1.5 | 7.4 | 7.6 | 16.5 |
| Family head not unemployed | 66.0 | 63.6 | 55.1 | 53.5 | 69.0 | 62.3 | 184.7 |
| Male head not in the labour force | 10.7 | 4.1 | * 1.3 | 8.5 | 5.3 | * 2.3 | 16.1 |
| Female head not in the labour force | 55.3 | 59.6 | 53.7 | 44.9 | 63.7 | 60.0 | 168.6 |
| All families | 693.9 | 100.9 | 127.3 | 664.7 | 113.2 | 144.2 | 922.2 |
| ONE OR MORE FAMILY MEMBERS EMPLOYED | | | | | | | |
| Married-couple families | 1,431.3 | 583.9 | 1,005.8 | 1,174.9 | 602.3 | 1,243.8 | 3,021.0 |
| One or both spouses unemployed(c) | 37.3 | 22.7 | 31.0 | 30.7 | 23.2 | 37.2 | 91.1 |
| Husband employed, wife unemployed | 19.8 | 14.7 | 22.3 | 18.0 | 13.9 | 24.9 | 56.8 |
| Husband unemployed, wife employed | 10.4 | 5.2 | 6.4 | 8.0 | 5.8 | 8.3 | 22.0 |
| Husband unemployed, wife unemployed | * 0.7 | * 0.8 | * 0.0 | * 0.5 | * 0.4 | * 0.6 | * 1.5 |
| Husband unemployed, wife not in the labour force | 5.6 | * 1.1 | * 2.0 | 3.7 | * 2.0 | * 2.9 | 8.6 |
| Neither spouse unemployed | 1,394.0 | 561.1 | 974.8 | 1,144.2 | 579.1 | 1,206.6 | 2,930.0 |
| Husband employed, wife employed | 859.7 | 347.8 | 549.4 | 693.9 | 343.9 | 719.1 | 1,756.9 |
| Husband employed, wife not in the labour force | 398.3 | 196.7 | 409.5 | 331.6 | 208.8 | 464.1 | 1,004.5 |
| Husband not in the labour force, wife employed | 50.5 | 8.5 | 12.0 | 42.8 | 12.7 | 15.6 | 71.0 |
| Husband not in the labour force, wife not in the labour force | 85.5 | 8.2 | 3.9 | 75.9 | 13.7 | 7.9 | 97.6 |
| Other families | 244.4 | 90.4 | 53.8 | 184.4 | 121.3 | 83.0 | 388.7 |
| Family head unemployed | 6.1 | * 1.1 | * 0.2 | 4.0 | * 2.9 | * 0.4 | 7.3 |
| Male head unemployed | * 2.1 | * 0.0 | * 0.0 | * 0.9 | * 1.2 | * 0.0 | * 2.1 |
| Female head unemployed | 4.0 | * 1.1 | * 0.2 | * 3.1 | * 1.7 | * 0.4 | 5.2 |
| Family head not unemployed | 238.3 | 89.3 | 53.7 | 180.5 | 118.4 | 82.5 | 381.3 |
| Male head employed | 54.4 | 12.1 | 7.7 | 39.7 | 23.0 | 11.5 | 74.2 |
| Female head employed | 88.8 | 66.0 | 41.8 | 52.7 | 81.6 | 62.4 | 196.7 |
| Male head not in the labour force | 12.2 | * 0.7 | * 0.1 | 11.7 | * 0.6 | * 0.7 | 13.0 |
| Female head not in the labour force | 82.9 | 10.5 | 4.0 | 76.4 | 13.2 | 7.9 | 97.4 |
| All families | 1,675.8 | 674.3 | 1,059.6 | 1,359.3 | 723.6 | 1,326.8 | 3,409.7 |
| TOTAL | | | | | | | |
| Married-couple families | 2,054.7 | 614.8 | 1,070.6 | 1,784.5 | 638.1 | 1,317.6 | 3,740.1 |
| One or both spouses unemployed(c) | 63.1 | 37.6 | 64.6 | 55.4 | 36.4 | 73.5 | 165.3 |
| Husband employed, wife unemployed | 19.8 | 14.7 | 22.3 | 18.0 | 13.9 | 24.9 | 56.8 |
| Husband unemployed, wife employed | 10.4 | 5.2 | 6.4 | 8.0 | 5.8 | 8.3 | 22.0 |
| Husband unemployed, wife unemployed | 5.8 | * 3.0 | 5.0 | 5.6 | * 2.2 | 5.9 | 13.8 |
| Husband unemployed, wife not in the labour force | 24.5 | 13.0 | 28.6 | 21.6 | 13.2 | 31.4 | 66.2 |
| Neither spouse unemployed | 1,991.6 | 577.2 | 1,006.0 | 1,729.0 | 601.7 | 1,244.1 | 3,574.8 |
| Husband employed, wife employed | 859.7 | 347.8 | 549.4 | 693.9 | 343.9 | 719.1 | 1,756.9 |
| Husband employed, wife not in the labour force | 398.3 | 196.7 | 409.5 | 331.6 | 208.8 | 464.1 | 1,004.5 |
| Husband not in the labour force, wife employed | 50.5 | 8.5 | 12.0 | 42.8 | 12.7 | 15.6 | 71.0 |
| Husband not in the labour force, wife not in the labour force | 683.1 | 24.3 | 35.1 | 660.8 | 36.3 | 45.3 | 742.4 |
| Other families | 315.0 | 160.4 | 116.3 | 239.6 | 198.7 | 153.5 | 591.8 |
| Family head unemployed | 10.7 | 7.4 | 7.6 | 5.7 | 11.4 | 8.7 | 25.7 |
| Male head unemployed | * 2.8 | * 0.7 | * 0.4 | * 1.1 | * 2.3 | * 0.6 | 4.0 |
| Female head unemployed | 7.9 | 6.7 | 7.2 | 4.6 | 9.1 | 8.1 | 21.7 |
| Family head not unemployed | 304.3 | 153.0 | 108.7 | 233.9 | 187.3 | 144.8 | 566.1 |
| Male head employed | 54.4 | 12.1 | 7.7 | 39.7 | 23.0 | 11.5 | 74.2 |
| Female head employed | 88.8 | 66.0 | 41.8 | 52.7 | 81.6 | 62.4 | 196.7 |
| Male head not in the labour force | 22.9 | 4.8 | * 1.5 | 20.3 | 5.9 | * 3.0 | 29.2 |
| Female head not in the labour force | 138.1 | 70.1 | 57.8 | 121.3 | 76.8 | 67.9 | 266.0 |
| All families | 2,369.7 | 775.2 | 1,186.9 | 2,024.0 | 836.8 | 1,471.0 | 4,331.9 |

(a) See Explanatory Notes paragraphs 44 to 46, Appendix B, for details of exclusions to family tables. (b) Labour force status refers to persons aged 15 and over only. (c) Includes a small number of families with husband not in the labour force and wife unemployed.

APPENDIX A

GLOSSARY

Actively looking for work: Includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service noticeboards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

Aggregate hours worked: The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.

Attending school: Persons aged 15 to 19 who, during the reference week, were enrolled full-time at secondary or high schools.

Attending tertiary educational institution full time: Persons aged 15 to 24 who, during the reference week, were enrolled full time at universities, colleges of advanced education, technical colleges, colleges of technical and further education and theological colleges.

Average hours worked: Aggregate hours worked by a group divided by the number of persons in that group.

Average duration of unemployment: For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.

Dependents: All family members under 15 years of age; all family members aged 15 to 19 attending school; and all family members aged 15 to 24 attending a tertiary educational institution full time.

Duration of unemployment: The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week.

Employed: Persons aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and self-employed persons); or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or
- (c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on

strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

- (d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

Employment/population ratio: For any group, the number of employed persons expressed as a percentage of the civilian population aged 15 and over in the same group.

Employment status: Persons in the labour force classified according to whether they are employed or unemployed.

Family: Two or more related persons (*relationship* includes relationships by blood, marriage or adoption) usually resident in the same household at the time of the survey. A family comprises a married couple or a family head as defined, together with any persons having any of the following relationships to them:

- (a) sons or daughters of any age, if not married and with no children of their own present;
- (b) other relatives if not accompanied by a spouse, sons or daughters, or parents of their own; or
- (c) any children under 15 years of age who do not have a parent present.

Family head: The parent in the case of a one-parent family or, in the case of other groups of related persons, generally defined to be the eldest person in the family. No family head is defined for a married-couple family.

Former workers: Unemployed persons who have previously worked full time for two weeks or more but not in the past two years.

Full-time workers: Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.

Industry: Classified according to the *Australian Standard Industrial Classification (ASIC) 1983* (1201.0 and 1202.0).

Job leavers: Unemployed persons who have worked full time for two weeks or more in the past two years and *left that job voluntarily*, that is, because of unsatisfactory work arrangements/pay/hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties; or any other reasons.

Job losers: Unemployed persons who have worked full time for two weeks or more in the past two years and *left that job involuntarily*, that is; were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal, temporary or a holiday job

and they did not leave that job to return to studies; or their last job was running their own business and the business closed down because of financial difficulties.

Labour force: For any group, persons who were employed or unemployed, as defined.

Labour force status: A classification of the civilian population aged 15 and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.

Living alone: A person who is the sole member of a household.

Marital status: Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.

Married-couple families: Families in which there are two married persons and these persons are husband and wife. See *Marital status*.

Median duration of unemployment: The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.

Not a member of a family: A person who is not related to any other member of the household in which they are living.

Not in the labour force: Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers, members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation: Classified according to the *Australian Standard Classification of Occupations (ASCO) 1986 (1222.0)*.

Other families: One-parent families and families in which there is no parent, for example a family head living with a brother or sister.

Participation rate: For any group, the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers: Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

State capital cities: The areas determining the six State capital cities are the Statistical Divisions for those capital cities defined in the *Australian Standard Geographical Classification (ASGC) Manual, Edition 3 (1216.0)*.

Seasonally adjusted series: A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraphs 28 to 31 of the Explanatory Notes for more detail.

Status of worker: Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trend series: A smoothed seasonally adjusted series of estimates. See paragraphs 32 to 34 of the Explanatory Notes for more detail.

Unemployed: Persons aged 15 and over who were not employed during the reference week, and:

- (a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:
 - (i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or
 - (ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or
- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation: Unemployed persons who had worked full time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for first full-time job: Unemployed persons looking for full-time work who had never worked full time for two weeks or more.

Unemployed looking for first job: Unemployed persons who had never worked full time for two weeks or more.

Unemployed looking for full-time work: Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work: Unemployed persons who had actively looked for part-time work only, or were to resume a part-time job, from which they had been stood down.

Unemployment rate: For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

APPENDIX B

EXPLANATORY NOTES

Introduction

1. This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. Estimates of the labour force characteristics of family members and of family composition are also included.
2. Estimates of the civilian labour force are available for about fifty regions across Australia and are shown in various publications produced by State offices of the ABS. For details, see the list of related publications provided in paragraph 52.
3. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).
4. Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown later in this publication.

The population survey

5. The population survey is based on a multi-stage area sample of private dwellings (about 31,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about three-fifths of one per cent of the population of Australia. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. To avoid a clash with the Christmas period, the December 1988 survey interviews commenced on Monday 5th December 1988. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

6. The labour force survey includes all persons aged 15 and over except:
 - (a) members of the permanent defence forces;
 - (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
 - (c) overseas residents in Australia; and
 - (d) members of non-Australian defence forces (and their dependents) stationed in Australia.

Coverage

7. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of

selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 45 for information about the effect of the coverage rules on family statistics.

8. Persons who are away overseas from their usual residence for less than six weeks at the time of interview are generally enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey. Persons who, at the time of interview, are overseas for six weeks or more but for less than twelve months are included in the estimates on the assumption that their labour force characteristics are similar to those of the persons responding in the survey.

Population benchmarks

9. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

Revision of series

10. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing, and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing, which affected all the monthly estimates from January 1984 to January 1989. For details, see *Information Paper: Revised Labour Force Survey Estimates: January 1984 to January 1989* (6276.0).

11. Following the change in official population estimates to a place of usual residence basis after the 1981 census, the population benchmarks used in the estimation of labour force survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). To coordinate with the new benchmarks, the labour force survey questionnaire was changed in October 1982 to enable identification of each respondent's place of usual residence. The estimates shown in this publication are based entirely on place of usual residence. Prior to Oc-

tober 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

12. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

13. The questionnaire used in the survey for the collection of labour force data has been revised a number of times, the latest occasion being for the April 1986 survey. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984 and June 1986.

14. The latest revision to the questionnaire, in April 1986, follows the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. unpaid family helpers). This new definition aligns the Australian labour force concepts with a set of changed international definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

15. Previously, such persons who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work. In order to assist users to assess the impact of the change, estimates for March 1986 based on the new definition were shown in footnotes to Tables 1 and 2 of the February, March and April 1987 issues of this publication.

16. A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 47 contains more details.

Comparability of series

17. As noted in paragraphs 10 and 11, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

18. A revision of estimates to take account of the new definition of marital status was applied back to February 1978. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue which classified as married all respondents who reported that they were married or separated. The revision to the marital status classification was undertaken in two parts. First, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Second, from June 1983 onwards, the not-married category was expanded to also include persons who, although reported as married, did not have a spouse who was a usual resident of the household at the time of the survey. See the Glossary for the definition of marital status now used in the labour force survey.

19. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Survey sample redesign

20. The LFS sample has been redesigned and reselected using information collected in the 1986 Census of Population and Housing. The new sample was phased in over the period September to December 1987. For details, see *Information Paper: Labour Force Survey — Sample Design* (6269.0).

21. The sampling fraction differs for States and Territories. This enables estimates of reasonable accuracy to be produced for all States and Territories as well as for Australia. Sampling fractions for each State and Territory are as follows: New South Wales and Victoria, 1 in 230; Queensland, 1 in 160; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 115; and Tasmania, 1 in 70.

Change in collection methodology

22. For the April to October 1989 surveys information will be collected by telephone interview where practicable, from approximately ten per cent of survey respondents. At the end of this period, consideration will be given to changing to telephone interviewing as the principal method of obtaining data.

Reliability of the estimates

23. Estimates in this publication are subject to two sources of error:

- (a) sampling error: since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Note; and
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or 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 procedures.

Differences between population census and population survey estimates

24. The results of the 1986 Census of Population and Housing show that labour force figures derived from the

census differ from estimates derived from the labour force surveys.

25. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the surveys. However there are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the population census for which census labour force estimates have not been adjusted, the use in the labour force survey of population benchmarks derived from incomplete information about population change (see paragraph 9), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

26. The labour force survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the census of population and housing provides counts for small areas but in less detail than is available from the survey.

27. These considerations should be borne in mind if comparisons are made between population census and labour force survey estimates.

Seasonal adjustment

28. Seasonally adjusted series are published in Tables 2 and 8. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

29. As happens with all seasonally adjusted series, the seasonal factors are reviewed annually to take account of each additional year's original data. The latest review, in February 1989, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted and trend estimates for all months since January 1983 for Australia and the States were published in the appendix of the February 1989 issue of this publication.

30. It is possible that the seasonality of employment, unemployment and the labour force participation has been affected by the changed pattern of school holidays in some States.

31. The impact of these changes on seasonally adjusted estimates of labour force characteristics cannot be assessed at this stage.

Trend estimation

32. Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Tables 3 and 9 show trend estimates for the past 14 months, while the appendix to the February 1989 issue shows estimates for the six States and Australia back to January 1983. Data from February 1978 are available on the ABS on-line data dissemination service, AUSSTATS. The trend series of the participation rate for married females are based on smoothed population estimates.

33. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 29.

34. Users may wish to refer to the ABS Information Papers *A Guide to Smoothing Time Series — Estimates of 'Trend'* (1316.0), and *Time Series Decomposition — An Overview* (1317.0) for more detailed information on producing trend estimates by smoothing seasonally adjusted time series data.

Month-to-month movements

35. Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 23. Particular care should be taken in the interpretation of the recent original and seasonally adjusted monthly movements as these may have been affected by the changed pattern of school holidays in some States. Trend estimates are expected to be relatively unaffected by these changes.

Gross flows

36. In order to minimise respondent burden and at the same time maintain continuity within the population survey sample, one eighth of the dwellings in the sample (except the large non-private dwellings) are replaced after each survey. Adoption of this rotation procedure, whereby about seven-eighths of the sample remains unchanged from one month to the next, enables more reliable measurements of changes in the labour force characteristics of the population to be made than would be possible if a new sample were introduced each month.

37. Because a high proportion of private dwellings selected in one survey remains in the sample for the following survey, it is possible to match the characteristics of most of the persons in those dwellings from one month to the next, to record any changes that occur, and hence to produce estimates of *flows* between the different categories of the population and labour force.

38. The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this

and other reasons, including the mobility of the population and non-response in either or both surveys, about 10 per cent of persons in those dwellings which are included in the sample in successive months cannot be matched. Those who can be matched represent about 80 per cent of all persons in the survey.

39. Changes in the characteristics of this latter group are shown in the gross flows table. About one half of the remaining (unmatched) 20 per cent of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other half are likely to be somewhat different.

40. Gross flow estimates relate only to those persons in private dwellings for whom information was obtained in successive surveys. The expansion factors used in calculating the estimates were those applying to the second of each pair of months.

41. Although it is not possible to provide gross flow estimates for all persons in the survey it is considered that the estimates derived from matched records will be a useful guide to the magnitude of the movements between categories which underlie the changes in monthly levels. When comparing flows for different periods it is important to take into account the population represented by the matched sample, as shown in the last line of the table.

42. While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting labour force status will tend to accumulate in the gross flow statistics rather than to cancel out. The estimates are also subject to sampling variability, as explained in the Technical Note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A of the Technical Note.

43. Estimates of total flows into or out of the employed category may be less than the sum of the estimates for employed full-time and employed part-time as the estimates for the latter two categories include movements between these two categories.

Labour force status and other characteristics of families

44. As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their family status and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children aged 0-14 present and, from the May 1986 issue onwards, the number of dependents present.

45. Because of the coverage rules of the population survey which associate persons with particular dwellings so that each person has an equal chance of selection in the survey, persons who usually live with other members of their family may be enumerated, at the time of the survey, as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, caravan parks, hospitals, etc.). The determination of family struc-

ture and family characteristics in such cases is most difficult. Thus, family information is not obtained for the following persons:

- (a) all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- (b) persons enumerated as visitors to (rather than usual residents of) private dwellings.

46. In addition, in those private dwellings where it is not possible to obtain information relating to all the usual residents, no family information is recorded. Thus the family characteristics of persons living in families which include a member of the permanent defence forces, who is outside the scope of the population survey, are not determined because family information cannot be obtained from each usual resident. Similarly, families in which one or more members are away from the usual residence at the time of the survey are also excluded from family determination. A summary of those persons for whom family information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, family status is determined for more than 90 per cent of all civilians aged 15 and over.

47. Estimates of the number of families in this publication differ from those in publications prior to the April 1986 issue. This is due to the adoption of a new weighting procedure where the weight for a family is determined using an average of the weights for all family members responding to the labour force survey. Previously, the weight used to derive estimates of the number of families was determined by nomination of a proxy 'head of household' as representative of the family.

48. Revised data for March 1986 using the new weighting procedure for families and the revised definition of employed persons were shown in the April 1986 issue of this publication. Revised data for March 1986 using the new weighting procedure for families and the old definition of employed persons as well as data using the old weighting procedure for families and the new definition for employed persons are available on request.

Additional data-

49. Estimates for employed persons classified by industry, occupation and status of worker are available each February, May, August and November, and the following tables are published in issues of this publication for those months:

- Employed persons—
 - Industry and occupation—
 - Full-time and part-time workers
 - Status of worker
 - Age and birthplace
 - Hours worked
 - Industry by occupation
 - Industry subdivisions
 - Major and minor occupation groups.

50. In some cases, the ABS can also make available information which is not published. This information may be made available in one or more of the following forms: floppy disk, microfiche, photocopy, data tape, computer printout, manually-extracted tabulation. In general, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section at the front of this publication, or to Information Services in the nearest ABS office.

Related publications

51. Users may also wish to refer to the following publications which relate to the labour force and are available on request:

The Labour Force, Australia, Preliminary (6202.0)—issued monthly

The Labour Force, Australia: Historical Summary, 1966 to 1984 (6204.0)

The Labour Force, New South Wales (6201.1)—issued quarterly

The Labour Force, Victoria (6202.2)—issued quarterly

Information Paper, Victorian Labour Force Statistics (6262.2)

The Labour Force, Queensland (6201.3)—issued quarterly

The Labour Force, South Australia (6201.4)—issued quarterly

Labour Force Statistics, Tasmania 1985 (6201.6)

Monthly Summary of Statistics, Tasmania (1303.6)—issued monthly

Labour Statistics, Australia, 1986 (6101.0)—issued annually

A Guide to Labour Statistics (6102.0)

Information Paper: Questionnaires Used in the Labour Force Survey, June 1986 (6232.0)

Employed Wage and Salary Earners, Australia (6248.0)—issued quarterly

Persons Not in the Labour Force, Australia (6220.0)—issued annually

Labour Force Status and Other Characteristics of Families, Australia, June 1988 (6224.0)—issued annually

Social Indicators No. 4, 1984 (4101.0)

Information Paper: Comparison of Employment Estimates From the Labour Force Survey and the Survey of Employment and Earnings (6263.0)

A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)

Time Series Decomposition — An Overview (1317.0)

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

Information Paper: Revised Labour Force Survey Estimates: January 1984 to January 1989 (6276.0)

52. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

53. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact in the Phone Inquiries box at the front of this publication.

Symbols and other usages

- * subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical Note
- n.a. not available
- . . not applicable
- n.e.c. not elsewhere classified
- r revised

54. Estimates have been rounded and discrepancies may occur between sums of the component items and totals.

Electronic services

VIATEL. Key *656# for selected current economic, social and demographic statistics.

AUSSTATS. Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET.

For further information phone the AUSSTATS Help Desk on (062) 52 6017.

TELESTATS. This service provides foreign trade statistics tailored to users' requirements.

Further information is available on (062) 52 5404.

Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.

APPENDIX C

TECHNICAL NOTE

1. The LFS sample has been redesigned and reselected using information collected in the 1986 Population Census. The new sample was phased in over the period September 1987 to December 1987. For details, see *Information Paper — Labour Force Survey — Sample Design* (6269.0). For more information on sample design estimation procedures and reliability of the estimates for surveys prior to September 1987, reference should be made to the Technical Note in *The Labour Force, Australia, Historical Summary, 1966 to 1984* (6204.0).

Estimation procedure

2. The labour force estimates are derived from the population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself.

Reliability of the estimates

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed. Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. 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 of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

4. Space does not allow for the separate indication of the standard errors of all estimates in this publication. Standard errors of estimates for the latest month and of estimates of movements since the previous month are shown in Table 1. Standard errors of other estimates and other monthly movements should be determined by using Tables A and B.

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the

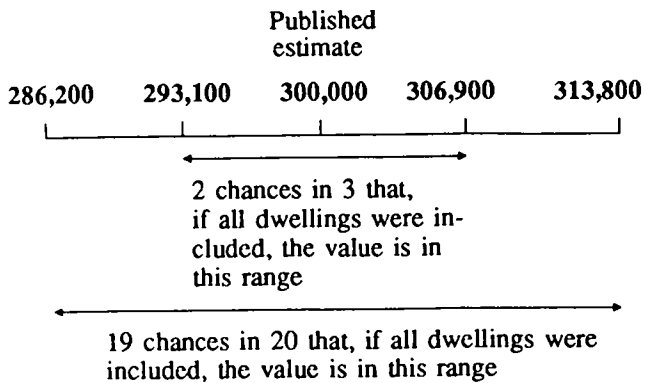
standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

6. As the standard errors in Table A show, *the smaller the estimate the higher is the relative standard error*. Very small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable uses. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high standard errors and should be used with caution. See paragraph 9 concerning the derivation of relative standard errors for some estimates.

7. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in Table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in Table A by 1.22. Standard errors of quarterly movements calculated this way will not necessarily agree with those obtained by multiplying the figures in Table B by 1.5, which was the method shown in the June 1985 and previous issues of this publication. This is because Tables A and B are derived independently of each other. Standard errors of all *annual* movements can be obtained by multiplying the figures in Table A by 1.3. When using Table A or Table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

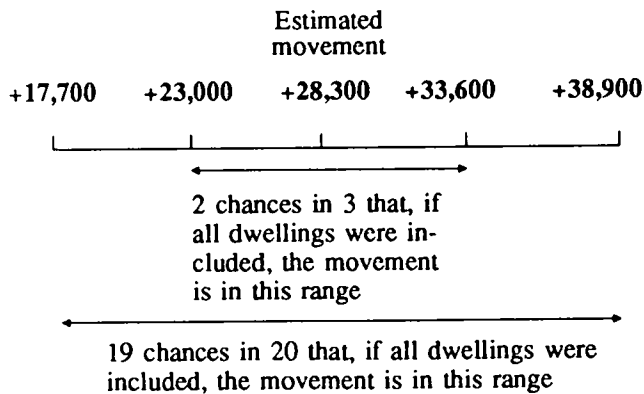
8. Examples of the calculation and use of standard errors are given below:

- (a) From Table A it will be seen that an estimate of 300,000 unemployed males looking for full-time work has a standard error of about 6,900. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 293,100 to 306,900 and about nineteen chances in twenty that it would have been within the range 286,200 to 313,800.



- (b) Suppose that there is an increase of 28,300 in the number of unemployed males looking for full-time work from one month to the next.

Table B relates the standard error of the monthly movement to the larger of the two estimates from which the movement is derived. In this case, if the larger of the two estimates from which the movement is derived was 300,000, from Table B it will be seen that the standard error of the monthly movement is about 5,300. Therefore there are about two chances in three that if all dwellings had been included in the surveys the movement would have been within the range +23,000 to +33,600 and about nineteen chances in twenty that it would have been with the range +17,700 to +38,900



9. The relative standard errors of estimates of *aggregate hours worked*, *average hours worked*, *average duration of unemployment*, and *median duration of unemployment* are obtained by first finding the relative standard error of the estimate of the total number of persons contributing to the estimate (see Table A) and then multiplying the figure so obtained by the following relevant factors:

Aggregate hours worked: 1.2
Average hours worked: 0.7
Average duration of unemployment: 1.3
Median duration of unemployment: 2.0

The levels at which these and other labour force estimates have a relative standard error of 25 per cent are shown in Table C.

10. An example of the calculation of standard errors by the use of these factors is as follows:

If an estimate of median duration of unemployment for unemployed males is 19 weeks and the number unemployed is estimated as 300,000, from Table A it can be estimated that this figure (300,000) has a standard error of about 6,900 and therefore a relative standard error of about 2.3 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (2.3) by the appropriate factor shown in the previous paragraph (in this case 2.0): $2.3 \times 2.0 = 4.6$ per cent. The *standard error* of this estimate of median duration of unemployment is therefore 4.6 per cent of 19, i.e. about 1. Therefore there are about two chances in three that the median duration of unemployment for unemployed males that would have been obtained if all dwellings had been included in the survey would have been within the range 18 to 20 weeks and about nineteen chances in twenty that it would have been within the range 17 to 21 weeks.

11. Proportions and percentages (for example, participation rates) formed from the ratio of two estimates are also subject to sampling error. The size of the error depends on the accuracy of both the numerator and denominator. The formula for the relative standard error (RSE) of a proportion or percentage is given below

$$RSE(x/y) = \sqrt{[RSE(x)]^2 + [RSE(y)]^2}$$

12. Standard errors contained in Tables A and B are designed to provide an average standard error applicable for all monthly labour force survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in Tables A and B, while standard errors for unemployment and not in the labour force are approximately 3 per cent and 11 per cent respectively higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in Tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 15 per cent higher. The standard errors vary for individual countries of birth, but are generally less than 10 per cent higher.

13. The imprecision 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 respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. 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 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 procedures.

TABLE C. LEVELS AT WHICH LABOUR FORCE ESTIMATES HAVE A RELATIVE STANDARD ERROR OF 25 PER CENT(b)
FROM MARCH 1989 (a)

| | N.S.W. | Vic. | Qld | S.A. | W.A. | Tas. | N.T. | A.C.T. | Aust. |
|----------------------------------|--------|--------|--------|-------|-------|-------|-------|--------|--------|
| Estimates classified by— | | | | | | | | | |
| Aggregate hours worked | 6,300 | 6,300 | 4,200 | 2,900 | 3,300 | 1,800 | 2,700 | 2,000 | 5,100 |
| Average hours worked | 2,300 | 2,300 | 1,500 | 1,100 | 1,200 | 700 | 1,000 | 800 | 1,700 |
| Average duration of unemployment | 7,300 | 7,300 | 4,900 | 3,400 | 3,800 | 2,000 | 3,200 | 2,300 | 6,000 |
| Median duration of unemployment | 15,900 | 15,900 | 10,600 | 7,300 | 8,100 | 4,200 | 7,000 | 4,700 | 14,000 |
| All other estimates | 4,500 | 4,500 | 3,000 | 2,100 | 2,300 | 1,300 | 2,000 | 1,400 | 3,500 |

(a) For standard errors, etc. for earlier periods, see previous issues of this publication. (b) See paragraph 9 of this Technical Note.

SUPPLEMENTARY AND SPECIAL SURVEYS RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

| <i>Title of Publication</i> | <i>Catalogue No.</i> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Alternative Working Arrangements, Australia, March to May 1982, September to November 1986 | 6341.0 |
| Annual and Long Service Leave Taken, Australia, May 1983 to April 1984 | 6317.0 |
| Child Care—May 1969, 1973, 1977; June 1980; November 1984; June 1987 | 4402.0 |
| Employment Benefits. Annually. Latest issue August 1988 | 6334.0 |
| Income Distribution Survey, Australia, Persons with Earned Income, 1986 | 6546.0 |
| Job Search Experience of Unemployed Persons, Australia. Two-yearly. Latest issue July 1988 | 6222.0 |
| Labour Force Experience. Annually. Latest issue February 1989 | 6206.0 |
| Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1988 | 6235.0 |
| Summary. February 1989 | 6240.0 |
| Labour Force Status and Other Characteristics of Families. Annually. Latest issue June 1988 | 6224.0 |
| Labour Force Status and Other Characteristics of Migrants, Australia, March 1987 (previously: Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived after 1960) | 6250.0 |
| Labour Mobility. Annually. Latest issue February 1989 | 6209.0 |
| Multiple Jobholding. Two-yearly. Latest issue August 1987 | 6216.0 |
| Persons Employed at Home, Australia, April 1989 | 6275.0 |
| Persons Who Intended to Retire from Full-time Work, Australia, September 1984 | 6258.0 |
| Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue September 1988 | 6220.0 |
| Persons Who Had Re-entered the Labour Force, Australia, May 1985, May 1987 | 6264.0 |
| Persons Who Have Left the Labour Force, Australia, November 1985, April 1988 | 6267.0 |
| Retirement and Retirement Intentions, Australia, November 1986 (previously: Persons Retired from Full-time Work) | 6238.0 |
| Successful and Unsuccessful Job Search Experience, (previously: Methods of Obtaining Jobs) June 1986 | 6245.0 |
| Superannuation, Australia, February 1974; September to November 1982, November 1988 | 6319.0 |
| Trade Union Members, November 1976, March-May 1982, August 1986, August 1988 | 6325.0 |
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| Underemployed Workers, May 1988 | 6265.0 |
| Weekly Earnings of Employees (Distribution). Annually. Latest issue August 1988 | 6310.0 |
| Working Hours Arrangements, Australia, February-May 1981 | 6338.0 |
| Working Hours Arrangements—Supplementary Tables, Australia, February-May 1981 | 6339.0 |

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