



THE LABOUR FORCE AUSTRALIA

APRIL 1981

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AUSTRALIAN BUREAU OF STATISTICS Canberra

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NOTE. Some additional labour force survey data are included in other issues of this publication or are available on request. For details see paragraph 40 of the Explanatory notes.

2. JOB VACANCIES

NOTE. Estimates of job vacancies are published in the February, May, August and November issues of this publication.

1. LABOUR FORCE ESTIMATES

EXPLANATORY NOTES

Introduction

This section contains estimates of the civilian labour force derived from the population survey, which is now conducted monthly. Until February 1978, surveys were conducted in February, May, August and November each year.

2. A summary of the survey results is published in advance of this more detailed publication in *The Labour Force, Australia (Preliminary)* (6202.0). Preliminary unemployment estimates are also issued in advance of this publication in *Unemployment, Australia (Preliminary Estimates)* (6201.0).

3. Although emphasis in the survey is placed on the regular collection of 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 free on request. A list of titles is given on pages 24 and 25.

The population survey

4. The survey is based on a multi-stage area sample of private dwellings (about 30,000 houses, flats, etc.) and non-private dwellings (hotels, motels, etc.), and covers about two-thirds 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. The information obtained relates to the week before the interview (i.e. the survey week). Because of operational problems arising from the Christmas and New Year holidays the December 1978 and 1979 surveys commenced a week earlier than usual (with most interviews being conducted during the second week) and the January 1979 and 1980 surveys commenced a week later than usual.

Scope

5. The survey includes all persons aged fifteen years 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 visitors holidaying in Australia, and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Definitions

6. The labour force category to which a person is assigned depends on his *actual activity* (i.e. whether working, looking for work, etc.) during the survey week. The following definitions, which conform closely to the international standard definitions specified by the International Labour Organisation (ILO), relate only to those persons within the scope of the survey.

7. *Employed persons* comprise all those aged 15 years and over who, during the survey 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 (including employees, employers and self-employed persons); or
- (b) worked for 15 hours or more without pay in a family business or on a farm (i.e. unpaid family helpers); or were
- (c) 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 survey 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 survey 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 or self-employed persons who had a job, business or farm, but were not at work.

8. The *employment/population ratio* for any group is the number of employed persons expressed as a percentage of the civilian population aged fifteen years and over in the same group.

9. *Unemployed persons* are those aged 15 years and over who were not employed during the survey 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 survey week and:
 - (i) were available for work in the survey week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the survey week); or
 - (ii) were waiting to start a new job within four weeks from the end of the survey week and would have started in the survey 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 survey week (including the whole of the survey week) for reasons other than bad weather or plant breakdown.

10. *Actively looking for work* includes checking or registering with the Commonwealth Employment Service or other employment agencies; writing, telephoning or applying in person to an employer; answering a newspaper advertisement for a job; advertising or tendering for work; contacting friends or relatives; and looking on factory or employment service notice boards.

11. *Unemployed persons looking for first job* are those who had never worked for two weeks or more in a full-time job. Prior to November 1977 it comprised persons who had never had a job.

12. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

13. *Duration of unemployment* is the period from the time the person began looking for work or was laid off to the end of the survey week. Periods of unemployment are recorded in complete weeks and this results in a slight understatement of duration. *Average (mean) duration* is the duration obtained by dividing the aggregate number of weeks a group has been unemployed by the number of persons in that group. *Median duration* is 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. Medians are calculated from group data, linear interpolation being used within the group which contains the median.

14. The *labour force* comprises all persons who, during the survey week, were employed or unemployed, as defined in paragraphs 7 and 9.

15. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as not in the labour force), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions.

16. *Full-time workers* are those who usually work 35 hours a week or more and others who, although usually part-time workers, worked 35 hours or more during the survey week. *Part-time workers* are those who usually work less than 35 hours a week and who did so during the survey week. When recording hours of work, fractions of an hour are disregarded.

17. *Hours of work*. The figures of aggregate hours and of average hours refer to actual hours worked during the survey week, not hours paid for. The figures may be affected by public holidays, leave, absenteeism; temporary absence from work due to sickness, injury, accident and industrial disputes; and stoppages of work due to bad weather, plant breakdown, etc. When hours of work are recorded, fractions of an hour are disregarded and this results in slightly lower figures than would be the case if actual time worked was recorded. Persons stood down for the whole of the survey week without pay because of bad weather or plant breakdown at their place of employment are regarded as employed and therefore are included (working no hours) in the calculation of average hours worked. Persons stood down in the survey week for reasons other than bad weather and plant breakdown and waiting to be called back to their job are regarded as unemployed and are therefore excluded from the calculation.

18. *Persons attending school* comprise those who, during the survey week, were enrolled full-time at secondary or high schools. Excluded are persons who were enrolled at universities, colleges of advanced education, technical colleges, other tertiary education institutions, and coaching and business schools. Persons attending school are classified as in the labour force if they were employed or unemployed as defined in paragraphs 7 and 9.

19. *Persons not in the labour force* are those who, during the survey week, were not in the categories 'employed' or 'unemployed', as defined in paragraphs 7 and 9. They include persons who were keeping house (unpaid), attending an educational institution (school, university, etc.), retired, voluntarily inactive, permanently unable to work, inmates of institutions, trainee teachers, members of contemplative religious orders, and persons whose only activity during the survey week was jury service or unpaid voluntary work for a charitable organisation.

Occupational status

20. The February, May, August and November issues of this publication include a table showing estimates of employed persons, obtained from the labour force survey, classified by occupational status, i.e. whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers (who worked 15 hours or more in the survey week).

21. The estimates of wage and salary earners may differ from estimates based on information obtained from employers' payrolls (published, until April 1980, in *Civilian Employees, Australia* (6213.0)) because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures, etc. For a detailed discussion of the differences see paragraph 21 of the July 1980 issue of this publication.

22. Trends in the payroll-based estimates during 1979 and 1980 indicated that some revision of the series was necessary. There will be some further delay in the release of future issues.

Classification of industry and occupation

23. Industry is classified according to the *Australian Standard Industrial Classification* (ASIC), 1978 and occupation according to the *Classification and Classified List of Occupations, Revised June 1976*.

Population benchmarks

24. The population survey estimates are calculated in such a way as to conform to the independently estimated distribution of the population aged 15 years and over by age and sex. These independent estimates (benchmarks) are necessarily derived from incomplete information about population changes (deaths, internal and overseas migration) and can differ from estimates of the population subsequently published by the ABS. For estimates of the population and other demographic statistics reference should be made to *Australian Demographic Statistics Quarterly* (3101.0).

Revision of series

25. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and migration. Revisions are made, however, after each census and when population estimation bases are reviewed. Survey estimates back to August 1966 have been recalculated to conform to revised population estimates. The estimates take account of results of the 1966, 1971 and 1976 population censuses, including estimates of under-enumeration, and incorporate a revised method of measuring overseas migration gain (i.e. by excluding movements of less than one year's duration). For information concerning these population estimates for the period June 1971 to June 1977 see *Population and Vital Statistics, Australia, June Quarter 1977* (3212.0).

26. *The new sample and revised questionnaire.* Survey estimates for February 1978 and subsequent months have been obtained by using a new sample and revised questionnaire. The new sample was selected in order to reflect the changes in the distribution of the population shown by the 1976 Population Census results. The questionnaire, which had undergone little change since 1960, except for the inclusion in 1975 of additional questions on job-seeking, was revised to provide more accurate and more detailed information concerning the labour force.

27. Copies of both the current questionnaire and the one previously used, together with a description of the main features of the questionnaire, are contained in *Information Paper: Questionnaires used in the Labour Force Survey* (6232.0).

28. Estimates for the period August 1966 to November 1977 have been revised in order to provide a series for earlier periods as comparable as possible with the February 1978 and later estimates. For periods prior to August 1976, detailed revised estimates are available only for August of each year. For February, May and November only broad revised aggregates (as in Table 1) are available. Revised estimates have been published in *The Labour Force, Australia, 1978* (6204.0), which also contains information concerning the methods used in the revision.

Comparability of series

29. When comparing estimates for February 1978 and subsequent months with those for earlier periods, it should be noted that with the introduction of monthly surveys the interviews are now conducted during a two-week period, whereas formerly the period was four weeks. This change of timing may affect the level of the figures for any month, but particularly for months during which the employment status of the population may be changing rapidly.

30. Because of the revisions, the estimates in this publication are not comparable with those shown in issues before February 1978 or in the special publications entitled *The Labour Force* (6204.0) covering the period 1964 to 1977.

31. From September 1979, industry estimates in labour force survey publications have been classified according to the 1978 version of the Australian Standard Industrial Classification (ASIC). The estimates are therefore not strictly comparable with those for periods prior to September 1979, which were classified according to the 1969 version of ASIC.

32. Occasionally the estimates of month-to-month changes in numbers employed are difficult to reconcile with what is known of developments in industry, commerce or government employment. For this reason an investigation is being undertaken of methods and procedures used in producing the estimates.

Reliability of the estimates

33. Since the estimates in this section are based on information obtained from occupants of a sample of dwellings they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. An indication of the likely differences is given in the Technical note.

Differences between population census and population survey estimates

34. The results of the 1976 Population Census show that labour force figures derived from the census differ from estimates derived from the population surveys of May and August 1976.

35. The labour force definition used in the population census is similar to that used in the survey. (See paragraphs 6 to 19.) However, evidence from census post-enumeration surveys indicates that the personal interview approach, as used in the population survey, tends to identify a larger number of persons as being in the labour force than does the filling in of the questions on the census schedule by the householder. In addition, the post-enumeration survey following the 1976 Census showed an under-enumeration of the population of 2.71 per cent. It has not been possible to adjust the published census labour force figures for any under-enumeration.

36. In the 1971 and 1976 Censuses the minor occupation group 'Architects, engineers, surveyors, professional' was limited solely to persons holding a university degree. Other persons describing themselves in professional terms but not holding a degree were classified to minor group 'Draftsmen and technicians, n.e.c.'. Information to enable this distinction to be made in the labour force survey is not available.

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

Seasonal adjustment

38. The move to the higher level of unemployment since 1974 appears to have been accompanied by shifts in the pattern of seasonal variation. For this reason the publication of seasonally adjusted figures of unemployment was suspended as from November 1977. The matter will be kept under review.

39. Seasonally adjusted quarterly estimates of employed persons, the labour force and labour force participation rates are published in the February, May, August and November issues. The seasonally adjusted figures are revised annually. A table of the latest revised seasonally adjusted estimates was published in the November 1980 issue. Estimates for earlier periods are published in *Seasonally Adjusted Indicators, Australia, 1981* (1308.0) which also contains information on seasonal adjustment methods, etc. Calculation of seasonally adjusted monthly figures is not yet possible.

Additional tables

40. Labour force estimates for employed persons classified by industry and occupation and for seasonally adjusted series, are available only each quarter. Estimates relating to these characteristics are included in only some issues of this publication, as shown below.

February, May, August and November—

Average weekly hours worked: Industry and occupation

Employed persons: Occupational status of full-time and part-time workers

Employed married females: Industry and hours worked

Seasonally adjusted series.

The following estimates are available for February, May, August and November but are published only for the months shown.

February—

Employed persons—

Industry and marital status

Industry and birthplace

Occupation and marital status

Occupation and birthplace

May—

Employed persons: Occupation—major and minor groups

Employed persons: Hours worked, by industry

August—

Employed persons: Industry by occupation

November—

Employed persons—

Industry by full-time and part-time status

Occupation by full-time and part-time status

Industry by age.

Other unpublished data from labour force surveys may be available on request.

41. Estimates of job vacancies are published in the February, May, August and November issues of this publication.

Related publications

42. Users may also wish to refer to the following publications which are available on request:

Unemployment, Australia (Preliminary Estimates) (6201.0)—issued monthly

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

The Labour Force, Australia, 1979 (6204.0)

Unemployment, Underemployment and Related Statistics, Australia, February 1978 to February 1980 (6236.0)

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

The Labour Force, Victoria (6201.2)—issued monthly

The Labour Force, Queensland (6201.3)—issued quarterly

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

Information Paper: Questionnaires used in the Labour Force Survey (6232.0)

Civilian Employees, Australia (6213.0)—issued monthly, (latest issue: April 1980)

Job Vacancies, Australia (6231.0)—issued quarterly

Overtime, Australia (6330.0)—issued monthly.

Other relevant publications are listed on pages 24 and 25.

43. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0) which is available free of charge from any ABS office.

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

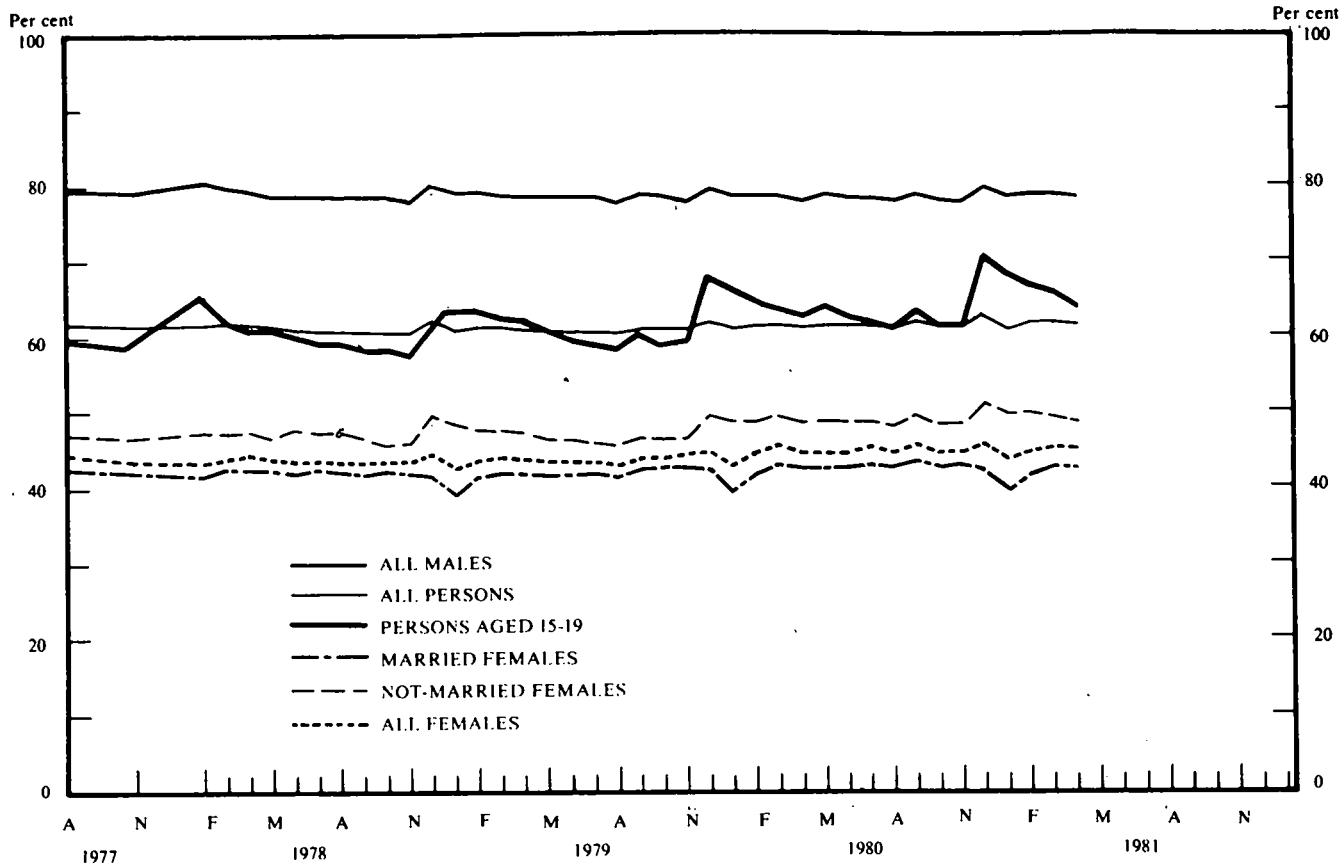
— nil or rounded to zero.

44. Figures have been rounded and discrepancies may occur between sums of the component items and totals.

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Australian Statistician

LABOUR FORCE PARTICIPATION RATES

(THE LABOUR FORCE IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN POPULATION AGED 15 YEARS AND OVER IN THE SAME GROUP)



NOTE. From February 1978 the population survey has been conducted monthly. Previously, surveys were conducted in February, May, August and November each year.

UNEMPLOYMENT RATES

(THE UNEMPLOYED IN EACH GROUP AS A PERCENTAGE OF THE CIVILIAN LABOUR FORCE IN THE SAME GROUP)

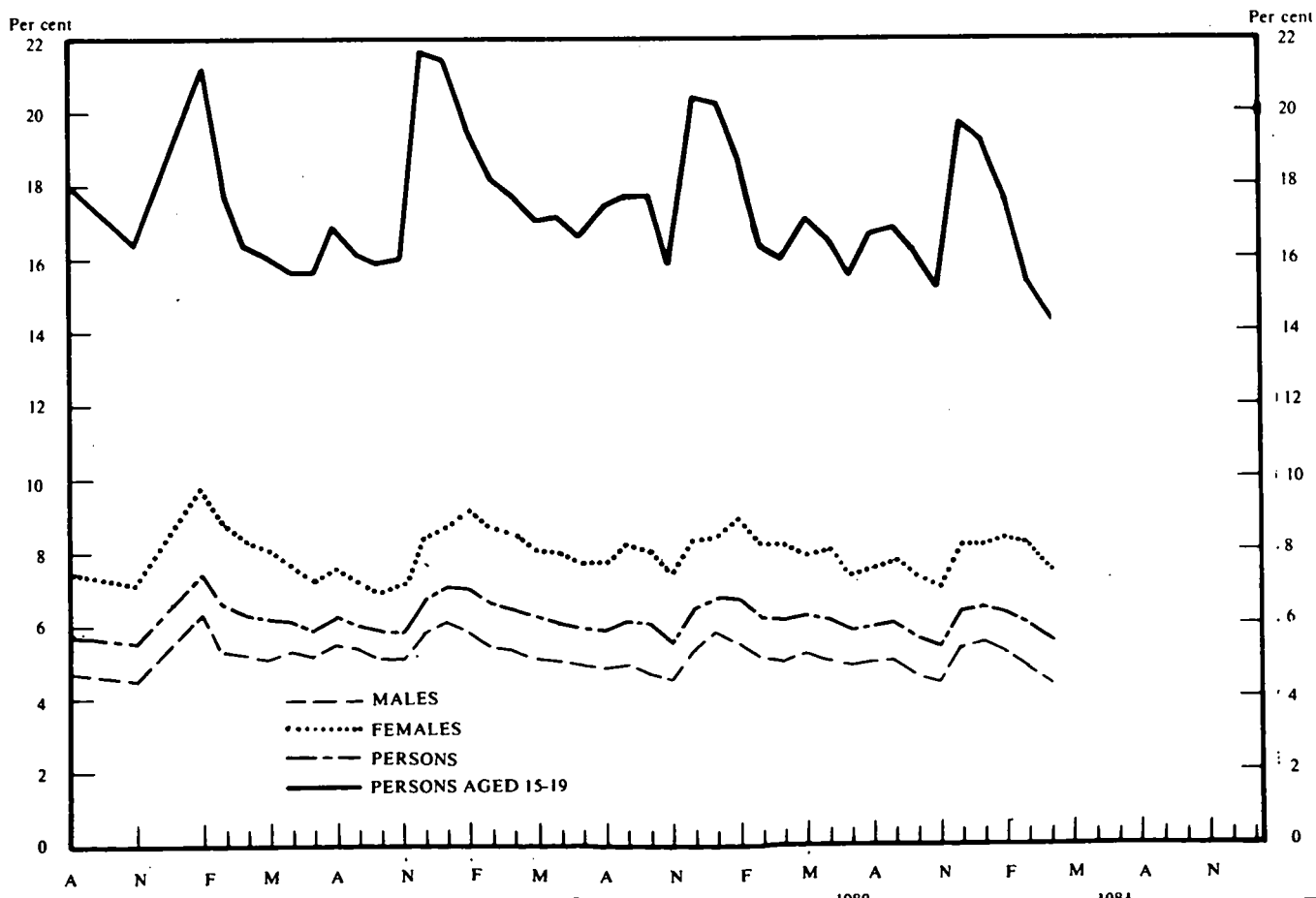


TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER, BY EMPLOYMENT STATUS(a)

Month	Unemployed									
	Employed	Looking for full-time work		Looking for part-time work		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
		Aged 15-19 years looking for first job	Total	Total	Total					
— per cent —										
MALES										
1980—										
March	3,971.1	24.1	196.3	15.2	211.5	4,182.6	1,145.4 ^b	5,328.0	5.1	78.5
April	3,949.6	16.3	192.9	14.1	206.9	4,156.6	1,178.5	5,335.1	5.0	77.9
May	3,981.2	18.7	201.0	18.9	219.9	4,201.1	1,140.6	5,341.6	5.2	78.6
June	3,970.3	19.8	193.1	15.8	208.9	4,179.2	1,169.8	5,348.9	5.0	78.1
July	3,984.2	17.1	190.0	15.4	205.3	4,189.5	1,168.5	5,358.0	4.9	78.2
August	3,970.9	20.0	193.3	15.8	209.1	4,180.0	1,184.3	5,364.2	5.0	77.9
September	4,010.0	24.9	197.9	13.2	211.1	4,221.1	1,151.0	5,372.1	5.0	78.6
October	4,000.8	21.7	180.1	14.7	194.8	4,195.6	1,184.8	5,380.4	4.6	78.0
November	4,006.7	22.4	171.4	11.5	182.8	4,189.6	1,202.5	5,392.1	4.4	77.7
December	4,080.4	43.2	206.1	20.1	226.2	4,306.7	1,096.7	5,403.3	5.3	79.7
1981—										
January	4,017.7	34.4	218.2	15.7	233.9	4,251.6	1,161.4	5,413.0	5.5	78.5
February	4,051.4	29.8	203.6	16.4	220.0	4,271.4	1,149.2	5,420.6	5.2	78.8
March	4,075.7	19.7	185.8	17.5	203.2	4,278.9	1,152.3	5,431.2	4.8	78.8
April	4,068.3	15.6	171.7	16.2	187.9	4,256.2	1,183.1	5,439.3	4.4	78.2
Standard error of—										
April 1981 estimates	14.0	1.8	4.8	1.8	5.0	14.2	9.6	..	0.1	0.3
March 1981 to April 1981 movement	9.8	2.0	4.2	1.9	4.3	9.9	7.2	..	0.1	0.2
MARRIED FEMALES										
1980—										
March	1,402.3	*	46.1	36.6	82.7	1,484.9	1,971.8	3,456.7	5.6	43.0
April	1,392.1	*	43.2	32.7	75.9	1,467.9	1,997.5	3,465.4	5.2	42.4
May	1,394.7	*	39.5	34.1	73.6	1,468.2	1,992.9	3,461.1	5.0	42.4
June	1,400.0	*	42.8	35.4	78.1	1,478.2	1,987.1	3,465.3	5.3	42.7
July	1,412.7	*	40.9	29.4	70.3	1,483.0	1,968.1	3,451.2	4.7	43.0
August	1,412.4	*	42.2	27.6	69.7	1,482.1	1,982.7	3,464.8	4.7	42.8
September	1,419.8	*	45.0	33.9	78.9	1,498.7	1,962.1	3,460.8	5.3	43.3
October	1,407.5	*	39.5	34.7	74.2	1,481.7	2,000.1	3,481.8	5.0	42.6
November	1,419.5	*	42.1	28.4	70.5	1,490.0	1,992.9	3,483.0	4.7	42.8
December	1,402.9	*	37.6	30.8	68.4	1,471.3	2,017.1	3,488.4	4.7	42.2
1981—										
January	1,320.9	*	39.5	23.0	62.5	1,383.4	2,121.7	3,505.1	4.5	39.5
February	1,374.5	*	46.8	32.9	79.8	1,454.2	2,056.7	3,510.9	5.5	41.4
March	1,417.7	*	45.6	44.5	90.0	1,507.7	2,005.1	3,512.8	6.0	42.9
April	1,423.8	*	43.9	34.9	78.8	1,502.6	2,015.7	3,518.3	5.2	42.7
Standard error of—										
April 1981 estimates	10.2	..	2.8	2.5	3.6	10.3	11.3	..	0.2	0.3
March 1981 to April 1981 movement	7.5	..	2.6	2.6	3.3	7.6	8.2	..	0.2	0.2

For footnote see end of table.

TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER, BY EMPLOYMENT STATUS(a)—continued

Month	Unemployed									
	Employed	Looking for full-time work		Looking for part-time work		Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
		Aged 15-19 years looking for first job	Total	Total	Total					
— '000 —										
— per cent —										
ALL FEMALES										
1980—										
March	2,272.1	31.5	142.8	58.1	200.9	2,473.0	2,989.2	5,462.2	8.1	45.3
April	2,242.4	28.5	146.3	51.3	197.5	2,440.0	3,030.6	5,470.6	8.1	44.6
May	2,256.6	29.8	141.6	52.1	193.7	2,450.3	3,027.2	5,477.5	7.9	44.7
June	2,262.4	26.6	144.7	52.5	197.1	2,459.6	3,025.9	5,485.5	8.0	44.8
July	2,295.8	25.6	134.8	45.2	180.0	2,475.9	3,017.8	5,493.7	7.3	45.1
August	2,275.8	26.5	139.4	43.8	183.2	2,459.0	3,041.4	5,500.4	7.5	44.7
September	2,315.3	23.6	137.6	56.8	194.4	2,509.7	2,999.2	5,508.9	7.7	45.6
October	2,285.2	24.1	127.0	53.9	180.9	2,466.1	3,050.6	5,516.7	7.3	44.7
November	2,301.8	21.1	131.3	42.8	174.1	2,476.0	3,052.4	5,528.4	7.0	44.8
December	2,309.1	39.2	151.2	54.5	205.8	2,514.9	3,023.0	5,537.9	8.2	45.4
1981—										
January	2,201.3	43.0	158.7	37.7	196.5	2,397.8	3,151.8	5,549.5	8.2	43.2
February	2,269.3	33.4	154.7	49.4	204.1	2,473.4	3,084.7	5,558.2	8.3	44.5
March	2,314.4	28.4	144.9	61.7	206.6	2,521.0	3,047.6	5,568.6	8.2	45.3
April	2,321.1	25.6	134.8	53.3	188.1	2,509.2	3,067.7	5,576.9	7.5	45.0
Standard error of—										
April 1981 estimates	11.8	2.2	4.4	3.0	5.0	12.1	12.9	..	0.2	0.2
March 1981 to April 1981 movement	8.5	2.2	3.9	2.9	4.3	8.7	9.1	..	0.2	0.2
PERSONS										
1980—										
March	6,243.2	55.6	339.1	73.3	412.4	6,655.6	4,134.6	10,790.2	6.2	61.7
April	6,192.1	44.7	339.1	65.3	404.5	6,596.5	4,209.1	10,805.7	6.1	61.0
May	6,237.8	48.4	342.6	71.0	413.6	6,651.4	4,167.7	10,819.1	6.2	61.5
June	6,232.7	46.4	337.7	68.3	406.0	6,638.8	4,195.7	10,834.4	6.1	61.3
July	6,280.0	42.7	324.8	60.6	385.4	6,665.4	4,186.3	10,851.7	5.8	61.4
August	6,246.7	46.5	332.6	59.7	392.3	6,639.0	4,225.7	10,864.7	5.9	61.1
September	6,325.3	48.6	335.5	70.0	405.5	6,730.8	4,150.2	10,881.0	6.0	61.9
October	6,286.0	45.9	307.1	68.6	375.7	6,661.7	4,235.4	10,897.1	5.6	61.1
November	6,308.5	43.5	302.7	54.3	357.0	6,665.5	4,254.9	10,920.5	5.4	61.0
December	6,389.5	82.3	357.4	74.6	432.0	6,821.5	4,119.7	10,941.2	6.3	62.3
1981—										
January	6,219.1	77.4	377.0	53.4	430.4	6,649.4	4,313.2	10,962.6	6.5	60.7
February	6,320.7	63.2	358.4	65.8	424.1	6,744.8	4,233.9	10,978.8	6.3	61.4
March	6,390.1	48.1	330.7	79.2	409.9	6,799.9	4,200.0	10,999.9	6.0	61.8
April	6,389.4	41.2	306.5	69.5	376.0	6,765.4	4,250.8	11,016.2	5.6	61.4
Standard error of—										
April 1981 estimates	15.9	2.7	6.0	3.4	6.5	16.1	14.2	..	0.1	0.1
March 1981 to April 1981 movement	10.8	2.7	5.0	3.2	5.3	11.0	9.9	..	0.1	0.1

(a) For information on standard errors see Technical note.

TABLE 2. CIVILIAN POPULATION AGED 15 YEARS AND OVER, BY EMPLOYMENT STATUS AND MARITAL STATUS, APRIL 1981

	Unemployed			Total	Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Employed	Looking for full-time work	Looking for part-time work						
— '000 —									
— per cent —									
Males—									
Married	2,781.2	67.8	*	71.0	2,852.2	671.3	3,523.5	2.5	80.9
Not married(a)	1,287.2	103.9	12.9	116.8	1,404.0	511.8	1,915.8	8.3	73.3
Total	4,068.3	171.7	16.2	187.9	4,256.2	1,183.1	5,439.3	4.4	78.2
Females—									
Married	1,423.8	43.9	34.9	78.8	1,502.6	2,015.7	3,518.3	5.2	42.7
Not married(a)	897.3	90.9	18.4	109.3	1,006.6	1,052.0	2,058.6	10.9	48.9
Total	2,321.1	134.8	53.3	188.1	2,509.2	3,067.7	5,576.9	7.5	45.0
Persons	6,389.4	306.5	69.5	376.0	6,765.4	4,250.8	11,016.2	5.6	61.4

(a) Comprises never married, widowed and divorced.

TABLE 3. CIVILIAN POPULATION AGED 15 YEARS AND OVER, BY EMPLOYMENT STATUS, STATES AND TERRITORIES, APRIL 1981

State or Territory	Unemployed			Total	Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
	Employed	Looking for full-time work	Looking for part-time work						
— '000 —									
— per cent —									
MALES									
N.S.W.	1,429.4	55.3	4.6	59.8	1,489.3	423.8	1,913.1	4.0	77.8
Vic.	1,080.6	41.3	4.8	46.1	1,126.7	306.8	1,433.5	4.1	78.6
Qld.	625.2	26.7	*	29.2	654.5	199.6	854.1	4.5	76.6
S.A.	355.1	23.4	*	25.1	380.3	110.0	490.3	6.6	77.6
W.A.	364.4	16.0	*	17.6	382.0	93.1	475.2	4.6	80.4
Tas.	116.0	5.5	*	5.8	121.8	33.6	155.4	4.8	78.4
N.T.	35.2	*	*	*	36.9	5.3	42.3	*	87.4
A.C.T.	62.4	2.1	*	2.4	64.8	10.8	75.6	3.7	85.7
Australia	4,068.3	171.7	16.2	187.9	4,256.2	1,183.1	5,439.3	4.4	78.2
FEMALES									
N.S.W.	803.9	42.5	17.8	60.3	864.2	1,110.6	1,974.8	7.0	43.8
Vic.	646.5	36.6	15.0	51.6	698.1	785.9	1,484.0	7.4	47.0
Qld.	331.1	22.4	7.8	30.3	361.4	507.4	868.8	8.4	41.6
S.A.	208.8	17.2	4.2	21.4	230.2	273.9	504.1	9.3	45.7
W.A.	206.2	9.3	4.9	14.2	220.4	248.2	468.5	6.4	47.0
Tas.	63.7	4.4	*	5.8	69.5	90.8	160.3	8.3	43.3
N.T.	19.3	*	*	*	20.9	15.6	36.5	*	57.1
A.C.T.	41.6	*	*	3.0	44.7	35.3	79.9	6.8	55.9
Australia	2,321.1	134.8	53.3	188.1	2,509.2	3,067.7	5,576.9	7.5	45.0
PERSONS									
N.S.W.	2,233.3	97.7	22.4	120.1	2,353.4	1,534.4	3,887.9	5.1	60.5
Vic.	1,727.1	77.9	19.8	97.7	1,824.8	1,092.7	2,917.5	5.4	62.5
Qld.	956.3	49.1	10.4	59.5	1,015.8	707.0	1,722.9	5.9	59.0
S.A.	564.0	40.6	6.0	46.5	610.5	383.9	994.4	7.6	61.4
W.A.	570.6	25.3	6.6	31.8	602.4	341.3	943.7	5.3	63.8
Tas.	179.7	9.9	1.7	11.6	191.2	124.4	315.6	6.1	60.6
N.T.	54.5	2.3	*	3.2	57.8	21.0	78.8	5.6	73.4
A.C.T.	104.0	3.8	*	5.5	109.5	46.1	155.6	5.0	70.4
Australia	6,389.4	306.5	69.5	376.0	6,765.4	4,250.8	11,016.2	5.6	61.4

TABLE 4. CIVILIAN POPULATION AGED 15 YEARS AND OVER, BY EMPLOYMENT STATUS, STATE CAPITAL CITIES, APRIL 1981

Capital city	Employed	Unemployed		Total	Labour force	Not in labour force	Civilian population aged 15 years and over	Unemployment rate	Participation rate
		Looking for full-time work	Looking for part-time work						
— '000 —									
MALES									
Sydney	908.8	30.6	*	33.8	942.7	260.6	1,203.2	3.6	78.3
Melbourne	769.8	33.4	*	37.6	807.4	215.6	1,022.9	4.7	78.9
Brisbane	287.7	12.0	*	13.4	301.1	86.0	387.1	4.5	77.8
Adelaide	246.8	18.5	*	20.1	266.8	85.8	352.6	7.5	75.7
Perth	246.7	12.5	*	14.1	260.8	69.7	330.5	5.4	78.9
Hobart	44.7	2.5	*	2.7	47.4	15.7	63.1	5.6	75.1
Total	2,504.5	109.6	12.0	121.6	2,626.1	733.4	3,359.5	4.6	78.2
FEMALES									
Sydney	556.9	23.5	12.5	36.0	592.9	682.6	1,275.5	6.1	46.5
Melbourne	486.0	25.5	10.8	36.3	522.4	550.6	1,073.0	7.0	48.7
Brisbane	160.8	11.8	4.9	16.7	177.5	238.0	415.5	9.4	42.7
Adelaide	157.0	13.9	3.4	17.3	174.3	200.4	374.7	9.9	46.5
Perth	155.8	7.1	4.4	11.5	167.3	181.7	349.0	6.9	47.9
Hobart	28.7	2.0	*	2.7	31.4	35.5	66.9	8.6	46.9
Total	1,545.3	83.8	36.7	120.5	1,665.8	1,888.8	3,554.6	7.2	46.9
PERSONS									
Sydney	1,465.7	54.1	15.7	69.9	1,535.6	943.1	2,478.7	4.6	62.0
Melbourne	1,255.8	59.0	14.9	73.9	1,329.7	766.2	2,095.9	5.6	63.4
Brisbane	448.5	23.7	6.4	30.1	478.6	324.0	802.6	6.3	59.6
Adelaide	403.8	32.4	4.9	37.3	441.1	286.2	727.3	8.5	60.7
Perth	402.5	19.6	6.0	25.6	428.1	251.5	679.6	6.0	63.0
Hobart	73.4	4.6	*	5.3	78.8	51.3	130.0	6.8	60.6
Total	4,049.8	193.4	48.7	242.1	4,291.9	2,622.2	6,914.2	5.6	62.1

TABLE 5. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY EMPLOYMENT STATUS: AUSTRALIAN CAPITAL TERRITORY, APRIL 1981

	Persons							
	Males	Females		Total	Total	Aged 15-19 years	Aged 20-24 years	Aged 25 years and over
		Married	Total					
— '000 —								
Employed	62.4	28.0	41.6	104.0	8.9	14.8	80.3	
Full-time workers	59.5	17.3	28.4	87.9	6.6	13.7	67.6	
Part-time workers	2.9	10.7	13.2	16.2	2.3	*	12.8	
Unemployed	2.4	*	3.0	5.5	*	*	3.1	
Looking for full-time work	2.1	*	*	3.8	*	*	2.0	
Looking for part-time work	*	*	*	*	*	*	*	
Labour force	64.8	29.8	44.7	109.5	10.6	15.5	83.4	
Not in the labour force	10.8	24.6	35.3	46.1	9.3	3.5	33.3	
Aged 15-19 years attending school	4.1	*	3.9	8.0	
Civilian population	75.6	54.4	79.9	155.6	19.9	19.0	116.7	
— per cent —								
Unemployment rate	3.7	*	6.8	5.0	*	*	3.7	
Persons looking for full-time work	3.4	*	*	4.1	*	*	2.9	
Participation rate	85.7	54.7	55.9	70.4	53.3	81.6	71.5	
Employment/population ratio	82.5	51.5	52.1	66.9	44.6	78.1	68.8	
— number —								
Average weekly hours worked by employed persons(a)	38.9	28.2	30.2	35.4	n.a.	n.a.	n.a.	
Average duration of unemployment (weeks)	36.5	*	20.9	27.8	*	*	30.5	

(a) Figures of hours relate to average weekly hours worked, not hours paid for. See Explanatory notes, paragraph 17.

TABLE 6. CIVILIAN POPULATION AGED 15 TO 19 YEARS, BY EMPLOYMENT STATUS AND WHETHER ATTENDING SCHOOL, APRIL 1981(a)

	Unemployed			Total	Labour force	Not in labour force	Civilian population	Unemployment rate	Participation rate
	Employed	Looking for full-time work	Looking for part-time work						
— '000 —									
NOT ATTENDING SCHOOL									
Males	350.3	37.4	*	39.3	389.6	47.9	437.5	10.1	89.1
Females	271.2	51.8	*	55.6	326.8	88.1	414.9	17.0	78.8
Persons	621.5	89.1	5.7	94.8	716.4	136.0	852.3	13.2	84.0
Left school—									
Before 1979	255.3	33.0	*	34.8	290.1	44.6	334.7	12.0	86.7
1979	192.3	20.7	*	22.4	214.7	38.1	252.8	10.4	84.9
1980 to survey date	174.0	35.5	*	37.6	211.6	53.2	264.8	17.8	79.9
Age (years)—									
15	23.4	7.3	*	7.7	31.0	8.0	39.0	24.7	79.5
16	85.0	15.8	*	16.1	101.2	11.5	112.7	15.9	89.8
17	139.4	23.6	} 5.1 {	24.5	163.9	26.8	190.7	14.9	85.9
18	179.2	24.5		26.9	206.1	44.3	250.5	13.1	82.3
19	194.5	17.9		19.6	214.2	45.3	259.5	9.2	82.5
ATTENDING SCHOOL									
Males	35.4	*	6.2	9.4	44.8	169.1	214.0	21.1	20.9
Females	39.8	*	8.4	12.5	52.3	156.8	209.2	24.0	25.0
Persons	75.2	7.4	14.6	22.0	97.2	326.0	423.2	22.6	23.0
Age (years)—									
15	29.7	} 6.0 {	9.0	12.1	41.9	165.6	207.5	29.0	20.2
16	29.0		7.2	36.2	101.1	137.3	19.9	26.3	
17	14.9		5.2	*	17.1	48.6	65.7	*	26.0
18 and 19	*	*	*	*	*	10.7	12.7	*	*
TOTAL									
Males	385.7	40.6	8.1	48.7	434.4	217.0	651.4	11.2	66.7
Females	311.0	55.9	12.2	68.1	379.1	244.9	624.0	18.0	60.7
Persons	696.7	96.5	20.3	116.8	813.5	462.0	1,275.5	14.4	63.8
Age (years)—									
15	53.1	10.5	9.3	19.8	72.9	173.6	246.5	27.1	29.6
16	114.0	18.7	4.6	23.3	137.3	112.6	250.0	17.0	54.9
17	154.3	25.0	} 4.6 {	26.7	181.0	75.4	256.4	14.8	70.6
18	180.6	24.5		27.3	207.9	52.0	260.0	13.1	80.0
19	194.7	17.9		19.6	214.4	48.3	262.7	9.2	81.6

(a) For information on duration of unemployment, see Table 23.

TABLE 7. CIVILIAN POPULATION AGED 20 TO 24 YEARS, BY EMPLOYMENT STATUS, APRIL 1981

	Unemployed			Total	Labour force	Not in labour force	Civilian population	Unemployment rate	Participation rate
	Employed	Looking for full-time work	Looking for part-time work						
— '000 —									
— per cent —									
Males	534.1	41.5	*	44.9	578.9	55.9	634.9	7.8	91.2
Females	405.3	31.2	6.6	37.8	443.2	182.0	625.1	8.5	70.9
Persons	939.4	72.7	10.0	82.7	1,022.1	237.9	1,260.0	8.1	81.1
Age (years)—									
20	191.0	19.2	} 4.7 {	22.7	213.7	47.5	261.2	10.6	81.8
21	187.0	16.7		18.0	205.0	51.2	256.2	8.8	80.0
22	197.0	13.8		15.3	212.4	41.5	253.8	7.2	83.7
23	190.2	10.6	} 5.2 {	11.8	202.1	45.6	247.6	5.9	81.6
24	174.2	12.4		14.9	189.0	52.2	241.2	7.9	78.4

TABLE 8. CIVILIAN LABOUR FORCE, BY EMPLOYMENT STATUS AND BIRTHPLACE, APRIL 1981

	<i>Employed</i>		<i>Unemployed</i>		<i>Labour force</i>	<i>Unemployment rate</i>	<i>Participation rate(a)</i>
	<i>Full-time</i>	<i>Total</i>	<i>Looking for full-time work</i>	<i>Total</i>			
	— '000 —						
MALES							
Born in Australia	2,815.3	2,979.6	119.7	132.4	3,112.0	4.3	79.1
Born outside Australia	1,038.9	1,088.7	51.9	55.5	1,144.2	4.8	78.7
Africa	27.3	28.1	*	*	29.4	*	81.9
America	30.9	32.9	*	*	33.4	*	82.7
Asia	103.8	108.8	8.7	9.3	118.1	7.9	76.6
Lebanon	15.2	15.2	*	*	16.5	*	76.1
Europe	814.0	853.0	38.8	41.2	894.2	4.6	78.3
Germany, Fed. Rep.	39.5	41.1	*	*	43.2	*	86.5
Greece	58.9	61.4	4.6	4.7	66.1	7.1	79.7
Italy	116.6	120.5	*	*	123.5	*	82.8
Malta	25.8	26.8	*	*	27.9	*	81.2
Netherlands	38.5	40.7	*	*	42.2	*	83.6
Poland	19.0	20.7	*	*	21.7	*	65.5
U.K. and Ireland	372.8	393.1	16.3	17.6	410.7	4.3	76.6
Yugoslavia	64.5	65.6	*	4.7	70.3	6.6	79.2
Oceania	62.4	65.4	*	*	68.6	*	84.9
New Zealand	56.9	59.2	*	*	61.8	*	86.4
MARRIED FEMALES							
Born in Australia	529.2	1,013.8	25.3	49.4	1,063.2	4.6	41.5
Born outside Australia	260.6	409.9	18.6	29.4	439.4	6.7	46.7
Africa	9.0	11.1	*	*	12.0	*	46.9
America	11.1	14.3	*	*	15.0	*	57.3
Asia	31.2	43.5	*	4.9	48.4	10.2	47.9
Lebanon	*	*	*	*	4.6	*	33.2
Europe	195.5	318.5	12.6	20.9	339.5	6.2	45.8
Germany, Fed. Rep.	8.2	16.1	*	*	16.7	*	44.6
Greece	23.0	32.5	*	*	24.3	*	54.8
Italy	25.6	37.6	*	*	39.4	*	40.1
Malta	4.6	7.8	*	*	8.2	*	36.5
Netherlands	4.9	12.1	*	*	13.4	*	38.8
Poland	5.1	7.5	*	*	8.7	*	44.8
U.K. and Ireland	82.7	149.0	6.5	10.1	159.1	6.3	45.9
Yugoslavia	24.7	29.8	*	*	32.7	*	57.6
Oceania	14.0	22.5	*	*	24.5	*	51.1
New Zealand	12.1	20.3	*	*	21.6	*	52.4
ALL FEMALES							
Born in Australia	1,113.3	1,755.7	100.1	139.5	1,895.2	7.4	45.5
Born outside Australia	387.4	565.4	34.7	48.6	614.0	7.9	46.5
Africa	13.5	15.9	*	*	17.1	*	46.5
America	16.3	21.0	*	*	22.5	*	55.9
Asia	47.8	63.4	6.8	8.4	71.8	11.6	49.7
Lebanon	5.5	6.7	*	*	8.2	*	42.1
Europe	281.7	425.5	23.0	33.3	458.8	7.3	44.9
Germany, Fed. Rep.	12.1	20.8	*	*	22.3	*	45.3
Greece	26.1	35.8	*	*	37.9	*	50.7
Italy	32.8	45.9	*	*	48.5	*	40.0
Malta	6.7	10.1	*	*	10.5	*	39.8
Netherlands	6.2	14.3	*	*	15.5	*	37.7
Poland	6.2	8.7	*	*	10.4	*	37.0
U.K. and Ireland	136.1	216.9	12.7	17.5	234.4	7.5	45.5
Yugoslavia	30.0	35.2	*	*	38.8	*	55.0
Oceania	28.1	39.5	*	*	43.8	*	56.3
New Zealand	24.5	34.8	*	*	38.3	*	57.3
PERSONS							
Born in Australia	3,928.6	4,735.3	219.9	271.9	5,007.2	5.4	61.8
Born outside Australia	1,426.3	1,654.1	86.6	104.1	1,758.2	5.9	63.4
Africa	40.8	44.0	*	*	46.4	*	64.0
America	47.2	53.9	*	*	56.0	*	69.3
Asia	151.5	172.3	15.4	17.7	190.0	9.3	63.6
Lebanon	20.7	21.9	*	*	24.7	*	60.0
Europe	1,095.7	1,278.6	61.8	74.5	1,353.0	5.5	62.6
Germany, Fed. Rep.	51.6	61.9	*	*	65.5	*	66.1
Greece	85.0	97.3	6.0	6.7	104.0	6.5	66.0
Italy	149.4	166.3	4.5	5.6	172.0	3.3	63.6
Malta	32.5	36.9	*	*	38.4	*	63.2
Netherlands	44.7	55.0	*	*	57.7	*	62.9
Poland	25.2	29.5	*	*	32.1	*	52.4
U.K. and Ireland	508.9	610.0	29.1	35.1	645.1	5.4	61.4
Yugoslavia	94.5	100.8	6.3	8.3	109.1	7.6	68.5
Oceania	90.5	104.9	6.1	7.4	112.3	6.6	70.9
New Zealand	81.4	94.0	5.2	6.0	100.0	6.0	72.3

(a) Excludes persons in institutions. See Explanatory notes, paragraph 15.

TABLE 9. CIVILIAN LABOUR FORCE, BORN OUTSIDE AUSTRALIA, BY EMPLOYMENT STATUS,
AND PERIOD OF ARRIVAL IN AUSTRALIA, APRIL 1981

	Africa	America	Asia	Europe		Oceania		Total			Persons
				U.K. and Ireland	Other countries	New Zealand	Total	Females			
								Males	Married	Total	
EMPLOYED ('000)											
Arrived before 1961	11.3	4.7	26.6	184.3	357.1	12.9	15.6	425.1	140.7	174.7	599.8
1961-1965	7.4	*	14.5	115.4	104.4	7.4	8.5	159.3	69.0	94.1	253.4
1966-1970	9.8	7.4	34.7	168.7	124.3	11.2	13.6	230.5	86.8	128.2	358.7
1971-1979	13.9	34.3	85.6	123.0	75.9	42.8	47.0	230.5	104.5	149.3	379.8
1980 to survey date	*	*	10.9	18.7	6.9	19.7	20.2	43.4	9.0	19.0	62.4
UNEMPLOYED ('000)											
Arrived before 1961	*	*	} 4.8	6.0	14.8	*	*	13.4	6.6	9.3	22.7
1961-1965	*	*		7.1	6.3	*	*	8.8	*	6.6	15.5
1966-1970	*	*	} 9.6	11.2	10.2	*	*	15.1	6.0	11.0	26.2
1971-1979	*	*		7.3	6.6	} 4.8	} 5.8	13.9	9.2	14.9	28.8
1980 to survey date	*	*	*	*	*			*	*	*	6.8
LABOUR FORCE ('000)											
Arrived before 1961	11.7	4.7	27.6	190.3	371.9	13.3	16.0	438.5	147.3	184.0	622.5
1961-1965	8.2	*	15.5	122.5	110.7	7.6	8.7	168.1	73.4	100.8	268.9
1966-1970	10.3	8.0	37.4	179.9	134.5	11.8	14.6	245.6	92.7	139.3	384.9
1971-1979	14.7	35.7	95.3	130.3	82.5	45.0	50.0	244.3	113.8	164.2	408.5
1980 to survey date	*	*	14.1	22.1	8.3	22.3	23.0	47.6	12.2	25.8	73.4
UNEMPLOYMENT RATE (per cent)											
Arrived before 1961	*	*	} 6.0	3.2	4.0	*	*	3.1	4.4	5.0	3.6
1961-1965	*	*		5.8	5.7	*	*	5.3	*	6.6	5.7
1966-1970	*	*	} 10.1	6.2	7.6	*	*	6.2	6.4	7.9	6.8
1971-1979	*	*		5.6	8.0	} 7.1	} 7.9	5.7	8.1	9.1	7.0
1980 to survey date	*	*	*	*	*			*	*	*	26.3
PARTICIPATION RATE (per cent)(a)											
Arrived before 1961	60.2	48.3	57.3	44.7	59.8	50.3	51.5	71.2	37.5	34.1	53.9
1961-1965	53.6	*	73.7	72.7	70.3	73.4	72.2	86.7	52.0	54.2	70.8
1966-1970	67.4	76.2	73.6	72.4	70.4	75.1	73.4	85.8	53.8	55.7	71.8
1971-1979	73.9	73.7	64.2	74.4	66.4	80.6	78.1	83.7	57.0	57.0	70.4
1980 to survey date	*	*	46.8	65.9	47.0	74.5	73.0	73.8	34.7	44.9	60.2

(a) Excludes persons in institutions. See Explanatory notes, paragraph 15.

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, APRIL 1981

Age group (years)	Number (' 000)					Participation rate (per cent)				
	Females					Females				
	Males	Married	Not married(a)	Total	Persons	Males	Married	Not married(a)	Total	Persons
15-64	4,187.6	1,491.7	995.4	2,487.1	6,674.7	86.6	46.7	64.3	52.4	69.7
15-19	434.4	11.5	367.6	379.1	813.5	66.7	41.6	52.4	60.7	63.8
20-24	578.9	158.6	284.5	443.2	1,022.1	91.2	55.0	61.6	70.9	81.1
25-34	1,129.4	465.6	165.8	631.4	1,760.8	95.5	47.8	84.5	53.2	74.3
35-44	887.3	459.0	67.8	526.7	1,414.0	95.6	58.4	67.3	59.4	77.9
45-54	709.9	297.0	66.1	363.1	1,073.1	91.5	47.8	57.2	49.2	70.9
55-59	299.8	77.9	30.7	108.5	408.4	81.0	27.3	35.9	29.3	55.1
60-64	147.8	22.2	12.8	35.0	182.8	50.5	10.4	12.8	11.2	30.2
65 and over	68.6	10.9	11.3	22.1	90.7	11.4	3.4	2.2	2.7	6.3
Total	4,256.2	1,502.6	1,006.6	2,509.2	6,765.4	78.2	42.7	48.9	45.0	61.4

(a) Comprises never married, widowed and divorced.

TABLE 11. LABOUR FORCE PARTICIPATION RATES, BY AGE AND BIRTHPLACE, APRIL 1981(a)
(per cent)

Age group (years)	Born in Australia			Born outside Australia		
	Males	Females	Persons	Males	Females	Persons
15-64	87.1	52.4	69.6	86.9	53.2	71.1
15-19	68.7	61.8	65.3	57.1	55.6	56.4
20-24	93.0	72.2	82.6	85.9	65.6	76.3
25-34	96.4	52.3	74.1	95.0	56.4	76.1
35-44	96.4	57.5	76.9	95.2	63.8	80.5
45-54	92.0	48.9	70.0	91.3	50.9	73.7
55-59	81.8	28.9	54.6	81.3	31.2	58.1
60-64	50.2	10.3	29.1	53.1	14.4	34.6
65 and over	12.3	2.8	6.8	10.8	3.2	6.7
Total	79.1	45.5	61.8	78.7	46.5	63.4

(a) Excludes persons in institutions. See Explanatory notes, paragraph 15.

TABLE 12. EMPLOYED PERSONS : FULL-TIME AND PART-TIME STATUS, BY AGE, APRIL 1981
(' 000)

	Age group (years)								
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	Total
MALES									
Full-time workers	321.5	507.3	1,055.5	850.8	669.3	278.5	127.2	44.2	3,854.2
Part-time workers	64.2	26.8	32.8	17.7	21.4	13.0	15.0	23.2	214.1
Total	385.7	534.1	1,088.2	868.5	690.7	291.5	142.2	67.4	4,068.3
MARRIED FEMALES									
Full-time workers	7.7	113.4	237.3	221.6	154.8	39.8	11.1	*	789.8
Part-time workers	*	33.8	197.4	215.9	131.6	36.2	10.9	6.5	633.9
Total	9.4	147.2	434.7	437.5	286.5	76.0	21.9	10.6	1,423.8
ALL FEMALES									
Full-time workers	230.1	336.6	370.3	271.9	202.9	60.6	19.6	8.7	1,500.7
Part-time workers	80.9	68.8	221.5	229.6	146.9	45.0	14.8	13.0	820.4
Total	311.0	405.3	591.7	501.5	349.8	105.6	34.4	21.7	2,321.1
PERSONS									
Full-time workers	551.6	843.8	1,425.7	1,122.7	872.2	339.2	146.7	52.9	5,354.9
Part-time workers	145.1	95.6	254.3	247.3	168.3	57.9	29.8	36.2	1,034.5
Total	696.7	939.4	1,680.0	1,370.0	1,040.5	397.1	176.5	89.1	6,389.4

TABLE 13. EMPLOYED PERSONS, BY HOURS WORKED, APRIL 1981

	Females			Total	Persons
	Males	Married	Not married(a)		
NUMBER EMPLOYED (' 000)					
Weekly hours worked(b)—					
0(c)	198.4	66.7	35.3	102.0	300.5
1-15	124.5	288.5	111.8	400.3	524.7
16-29	182.8	276.6	73.5	350.0	532.9
30-34	193.5	115.6	59.5	175.1	368.6
35-39	462.2	182.2	171.1	353.3	815.5
40	1,417.9	317.3	324.1	641.4	2,059.4
41-44	271.7	47.5	45.1	92.5	364.2
45-48	396.7	42.8	32.3	75.1	471.8
49 and over	820.6	86.5	44.7	131.2	951.8
Total	4,068.3	1,423.8	897.3	2,321.1	6,389.4
WEEKLY HOURS WORKED(b)					
Aggregate weekly hours worked (million)	164.7	41.0	29.5	70.5	235.2
By full-time workers	161.2	30.9	26.9	57.7	219.0
By part-time workers	3.5	10.1	2.7	12.8	16.3
Average weekly hours worked	40.5	28.8	32.9	30.4	36.8
By full-time workers	41.8	39.1	37.8	38.5	40.9
By part-time workers	16.3	16.0	14.3	15.6	15.7
Average weekly hours worked by persons who worked one hour or more in the survey week	42.6	30.2	34.3	31.8	38.6
By full-time workers	44.0	41.0	39.5	40.3	43.0
By part-time workers	16.9	16.7	14.6	16.2	16.4

(a) Comprises never married, widowed and divorced. (b) The figures relate to hours worked, not hours paid for. See explanatory notes, paragraph 17. (c) Persons who had a job from which they were absent for the whole of the survey week. See Explanatory notes, paragraph 17, for definition.

TABLE 14. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, APRIL 1981 (' 000)

Reason for working less than 35 hours	Females			Total	Persons
	Males	Married	Not married(a)		
Leave, holiday or flexitime	243.1	60.7	47.1	107.8	350.9
Own illness or injury	130.1	36.0	34.1	70.1	200.2
Bad weather, plant breakdown, etc.	30.4	*	*	*	33.3
Began or left job in the survey week	11.5	*	*	5.7	17.2
Stood down, on short time, insufficient work	29.2	6.7	*	10.1	39.3
Other reasons	40.8	5.3	5.1	10.4	51.2
Total	485.1	113.5	93.5	207.0	692.1

(a) Comprises never married, widowed and divorced.

TABLE 15. PART-TIME WORKERS : WHETHER PREFERRED TO WORK MORE HOURS AND WHETHER LOOKING FOR FULL-TIME WORK, BY AGE, APRIL 1981
(' 000)

	Age group (years)						Total
	15-19	20-24	25-34	35-44	45-54	55 and over	
MALES							
Total	64.2	26.8	32.8	17.7	21.4	51.2	214.1
Preferred not to work more hours	51.2	19.7	24.4	13.7	17.3	47.1	173.4
Preferred to work more hours	13.0	7.1	8.4	8.1	*	*	40.7
Had actively looked for full-time work(a)	6.7	7.6	5.1	5.1	5.1	5.1	19.4
MARRIED FEMALES							
Total	*	33.8	197.4	215.9	131.6	53.5	633.9
Preferred not to work more hours	*	27.1	178.9	194.7	122.8	51.7	576.4
Preferred to work more hours	*	6.6	18.5	21.2	8.9	*	57.5
Had actively looked for full-time work(a)	*	5.6	5.2	5.2	5.2	*	11.0
ALL FEMALES							
Total	80.9	68.8	221.5	229.6	146.9	72.7	820.4
Preferred not to work more hours	61.4	51.4	195.7	205.0	135.1	68.4	717.1
Preferred to work more hours	19.5	17.3	25.7	24.6	11.8	*	103.3
Had actively looked for full-time work(a)	11.2	7.1	5.4	4.9	*	*	31.1
PERSONS							
Total	145.1	95.6	254.3	247.3	168.3	123.9	1,034.5
Preferred not to work more hours	112.6	71.1	220.1	218.7	152.4	115.5	890.5
Preferred to work more hours	32.5	24.4	34.1	28.6	15.9	8.4	144.0
Had actively looked for full-time work(a)	17.9	11.0	9.1	7.5	5.0	5.0	50.5

(a) In the four weeks up to the end of the survey week.

TABLE 16. PART-TIME WORKERS : WHETHER PREFERRED TO WORK MORE HOURS AND WHETHER LOOKING FOR FULL-TIME WORK, BY HOURS WORKED, APRIL 1981
(' 000)

	Persons who worked in the survey week Hours worked in the survey week						Persons who did not work in the survey week(a)	Total
	1-5	6-10	11-15	16-20	21-29	30-34		
MALES								
Total	31.4	41.2	23.3	35.1	36.8	38.0	8.3	214.1
Preferred not to work more hours	25.4	32.8	18.5	27.0	28.6	34.4	6.7	173.4
Preferred to work more hours	6.1	8.3	4.8	8.1	8.1	*	*	40.7
Had actively looked for full-time work(b)	*	4.9	*	4.6	4.5	4.5	*	19.4
MARRIED FEMALES								
Total	71.0	113.5	97.3	127.3	119.1	76.2	29.5	633.9
Preferred not to work more hours	62.7	97.9	87.5	116.7	112.8	72.3	26.5	576.4
Preferred to work more hours	8.3	15.6	9.8	10.6	6.3	*	*	57.5
Had actively looked for full-time work(b)	4.6	4.6	4.7	4.7	4.7	*	*	11.0
ALL FEMALES								
Total	105.9	164.8	116.9	154.1	144.1	100.4	34.3	820.4
Preferred not to work more hours	89.7	139.9	101.7	133.9	130.3	91.8	29.8	717.1
Preferred to work more hours	16.2	25.0	15.2	20.2	13.8	8.6	4.5	103.3
Had actively looked for full-time work(b)	4.6	4.8	5.1	7.7	5.9	*	*	31.1
PERSONS								
Total	137.3	206.0	140.2	189.2	180.8	138.4	42.6	1,034.5
Preferred not to work more hours	115.1	172.7	120.2	160.9	158.9	126.1	36.5	890.5
Preferred to work more hours	22.2	33.3	20.0	28.3	21.9	12.3	6.1	144.0
Had actively looked for full-time work(b)	6.6	9.7	8.0	12.3	9.2	*	*	50.5

(a) Persons who had a part-time job from which they were absent for the whole of the survey week. (b) In the four weeks up to the end of the survey week.

TABLE 17. EMPLOYED PERSONS : EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, APRIL 1981
(per cent)

Age group (years)	Males			Females			Persons
	Married	Not married(a)	Total	Married	Not married(a)	Total	
15-64	88.7	72.3	82.7	44.2	57.3	48.5	65.8
15-19	*	59.1	59.2	33.9	50.6	49.8	54.6
20-24	90.6	82.3	84.1	51.0	76.7	64.8	74.6
25-34	94.8	84.6	92.0	44.6	73.9	49.9	70.9
35-44	95.4	80.5	93.5	55.6	63.5	56.5	75.5
45-54	90.8	76.8	89.0	46.1	54.8	47.4	68.7
55-59	81.2	62.8	78.8	26.7	34.7	28.5	53.6
60-64	49.7	41.5	48.6	10.3	12.4	11.0	29.1
65 and over	12.3	7.9	11.2	3.3	2.2	2.6	6.2
Total	78.9	67.2	74.8	40.5	43.6	41.6	58.0

(a) Comprises never married, widowed and divorced.

TABLE 18. UNEMPLOYED PERSONS, BY AGE, STATES, APRIL 1981
(' 000)

Age group (years)	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australia(a)
MALES							
15-19	16.6	11.2	6.9	6.1	5.3	1.9	48.7
20-24	14.0	12.0	6.7	6.7	3.7	*	44.9
25-34	12.5	10.9	5.8	5.9	4.2	*	41.2
35 and over	16.7	12.0	9.9	6.4	4.5	1.6	53.1
Total	59.8	46.1	29.2	25.1	17.6	5.8	187.9
FEMALES							
15-19	19.8	19.5	11.0	9.2	4.8	2.6	68.1
20-24	13.3	10.6	5.0	4.6	2.6	*	37.8
25-34	12.5	10.5	6.9	2.9	3.8	*	39.7
35 and over	14.7	11.1	7.3	4.7	3.0	*	42.5
Total	60.3	51.6	30.3	21.4	14.2	5.8	188.1
PERSONS							
15-19	36.3	30.6	17.9	15.3	10.0	4.6	116.8
20-24	27.3	22.6	11.7	11.3	6.4	2.4	82.7
25-34	25.0	21.5	12.7	8.9	8.0	2.1	80.8
35 and over	31.5	23.1	17.2	11.1	7.5	2.5	95.6
Total	120.1	97.7	59.5	46.5	31.8	11.6	376.0

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

TABLE 19. UNEMPLOYED PERSONS, BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, APRIL 1981

	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										
<i>Total</i>	67.8	171.7	43.9	134.8	306.5	2.5	4.3	5.3	8.2	5.4
Aged 15-19 years	*	40.6	*	55.9	96.5	*	11.2	*	19.6	14.9
Looking for first job	*	15.6	*	25.6	41.2
Attending school	*	*	*	*	7.4	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 years and over	66.8	131.1	42.4	78.9	210.0	2.4	3.6	5.1	5.8	4.2
20-24 years	7.6	41.5	7.0	31.2	72.7	5.7	7.6	5.8	8.5	7.9
25-34 years	21.1	40.2	16.7	23.9	64.0	2.6	3.7	6.6	6.1	4.3
35-44 years	12.4	17.9	10.5	13.1	31.0	1.6	2.1	4.5	4.6	2.7
45-54 years	15.2	18.1	6.8	9.0	27.1	2.5	2.6	4.2	4.3	4.0
55 years and over	10.5	13.5	*	*	15.2	2.6	2.9	*	*	2.7
Aged 15-64 years	67.4	171.1	43.7	134.6	305.7	2.5	4.3	5.3	8.3	5.5
LOOKING FOR PART-TIME WORK										
<i>Total</i>	*	16.2	34.9	53.3	69.5	*	7.0	5.2	6.1	6.3
Aged 15-19 years	*	8.1	*	12.2	20.3	*	11.2	*	13.1	12.3
Attending school	*	6.2	*	8.4	14.6	*	15.0	*	17.6	16.4
Aged 20 years and over	*	8.1	34.3	41.1	49.2	*	5.1	5.1	5.3	5.2
20-24 years	*	*	*	6.6	10.0	*	*	*	8.8	9.4
25-34 years	*	*	14.2	15.8	16.8	*	*	6.7	6.7	6.2
35-44 years	*	*	10.9	12.1	13.0	*	*	4.8	5.0	5.0
45-54 years	*	*	4.7	6.5	9.4	*	*	2.5	2.9	3.1
55 years and over	*	*	*	*	*	*	*	*	*	*
Aged 15-64 years	*	15.5	34.9	53.1	68.6	*	7.5	5.3	6.2	6.4
TOTAL										
<i>Total</i>	71.0	187.9	78.8	188.1	376.0	2.5	4.4	5.2	7.5	5.6
Aged 15-19 years	*	48.7	*	68.1	116.8	*	11.2	*	18.0	14.4
Attending school	*	9.4	*	12.5	22.0	*	21.1	*	24.0	22.6
Aged 20 years and over(a)	70.0	139.2	76.7	120.0	259.2	2.5	3.6	5.1	5.6	4.4
20-24 years	7.7	44.9	11.5	37.8	82.7	5.7	7.8	7.2	8.5	8.1
25-34 years	21.4	41.2	30.9	39.7	80.8	2.6	3.6	6.6	6.3	4.6
35-44 years	13.1	18.8	21.4	25.2	44.0	1.7	2.1	4.7	4.8	3.1
45-54 years	15.9	19.2	10.5	13.3	32.5	2.5	2.7	3.5	3.7	3.0
55-59 years	6.8	8.3	*	*	11.3	2.6	2.8	*	*	2.8
60-64 years	*	5.6	*	*	6.3	*	3.8	*	*	3.4
Aged 15-64 years	70.0	186.7	78.6	187.7	374.4	2.5	4.5	5.3	7.5	5.6

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

TABLE 20. UNEMPLOYED PERSONS, BY AGE AND BIRTHPLACE, APRIL 1981

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
	BORN IN AUSTRALIA					
<i>Total</i>	132.4	139.5	271.9	4.3	7.4	5.4
Looking for full-time work	119.7	100.1	219.9	4.1	8.3	5.3
Looking for part-time work	12.7	39.4	52.0	7.2	5.8	6.1
Aged 15-19 years	41.7	58.7	100.5	11.0	17.9	14.2
Aged 20 years and over	90.7	80.8	171.4	3.3	5.2	4.0
20-24 years	33.5	29.7	63.2	7.0	7.9	7.4
25-34 years	29.2	28.4	57.6	3.5	6.1	4.4
35 years and over	28.0	22.6	50.6	2.0	3.1	2.4
BORN OUTSIDE AUSTRALIA						
<i>Total</i>	55.5	48.6	104.1	4.8	7.9	5.9
Looking for full-time work	51.9	34.7	86.6	4.8	8.2	5.7
Looking for part-time work	*	13.9	17.5	*	7.3	7.1
Aged 15-19 years	7.0	9.4	16.4	12.3	18.6	15.3
Aged 20 years and over	48.5	39.2	87.7	4.5	7.0	5.3
20-24 years	11.4	8.1	19.5	11.5	11.8	11.6
25-34 years	12.0	11.2	23.2	4.1	6.7	5.1
35 years and over	25.1	20.0	45.0	3.6	6.1	4.4

TABLE 21. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND AGE, ETC., APRIL 1981

Duration of unemployment (weeks)	Age group (years)				Total(a)	Married	Looking for—		
	15-19	20-24	25-34	35-54			Not married(b)	Full-time work	Part-time work
MALES									
— '000 —									
Under 2	5.2	*	5.3		18.8	7.8	11.1	15.8	
2 and under 4	5.8	5.5	*	6.9	20.0	7.3	12.7	16.9	6.1
4 and under 8	6.2	6.5	7.3		25.9	9.1	16.8	23.0	
8 and under 13	6.0	5.7	5.2	8.7	21.6	7.0	14.6	18.7	5.8
13 and under 26	12.7	9.1	7.1	5.6	37.9	13.0	24.9	35.1	*
26 and under 39	4.7	4.8			17.5	6.7	10.7	17.1	*
39 and under 52			5.1	5.1	6.9	*	*	6.9	*
52 and under 65	4.7	*	*		10.1	5.1	5.0	9.6	*
65 and under 78			*	5.5					*
78 and under 91			*		7.7	4.5	5.5	7.7	*
91 and under 104	*	5.3	*	*	*			*	*
104 and over			4.6	5.5	19.1	7.5	11.6	18.5	*
Total	48.7	44.9	41.2	38.0	187.9	71.0	116.8	171.7	16.2
— Weeks —									
Average (mean) duration	23.3	29.8	30.7	44.4	33.0	35.9	31.2	34.9	12.5
Median duration	14.2	14.6	11.7	21.0	15.6	17.4	14.7	17.2	6.7
FEMALES									
— '000 —									
Under 2	6.5		6.4	4.6	22.1	11.8	10.2	12.2	9.9
2 and under 4	5.7	8.1	5.2	6.6	21.6	12.3	9.3	12.5	9.1
4 and under 8	8.0	5.6	8.4	6.8	29.9	15.0	14.9	20.3	9.6
8 and under 13	8.3	4.5	6.2	5.4	24.7	12.7	12.0	17.3	7.4
13 and under 26	23.6	7.0	4.6		39.7	9.4	30.2	32.4	7.3
26 and under 39	5.4			7.3	16.6	7.3	9.3	13.8	
39 and under 52	*	6.0	4.9		4.5		*	*	6.5
52 and under 65	4.6	*	*		10.0	4.5	7.2	7.4	*
65 and under 78	*	*	*	4.6			*		*
78 and under 91	*	*	*		5.6	5.7	*	4.5	*
91 and under 104	*	*	*	*	*		*	*	*
104 and over	*	5.4	*	*	12.6		9.3	11.1	*
Total	68.1	37.8	39.7	38.5	188.1	78.8	109.3	134.8	53.3
— Weeks —									
Average (mean) duration	20.8	33.7	20.8	25.2	24.7	18.9	28.9	28.1	16.2
Median duration	16.1	14.4	7.9	9.1	12.1	8.1	16.5	15.1	7.2
PERSONS									
— '000 —									
Under 2	11.7	7.9	11.7	8.2	40.9	19.6	21.3	28.0	12.8
2 and under 4	11.6	9.2	9.3	10.0	41.6	19.6	22.1	29.4	12.2
4 and under 8	14.1	12.1	15.7	11.1	55.8	24.1	31.7	43.3	12.5
8 and under 13	14.3	10.2	11.3	9.8	46.3	19.7	26.6	36.0	10.3
13 and under 26	36.3	16.1	11.7	9.7	77.6	22.5	55.1	67.5	10.1
26 and under 39	10.1	8.4	7.6	6.3	34.1	14.0	20.0	30.9	
39 and under 52	*	5.6	4.6	*	11.4	4.7	6.6	10.3	7.4
52 and under 65	6.8	*	*	6.0	20.2	8.0	12.2	17.0	
65 and under 78	*	*	*	*	7.6	5.5	5.0	7.1	*
78 and under 91	*	*	*	*	5.7				*
91 and under 104		*	*	*	*		4.5	7.4	*
104 and over	4.5	9.4	6.5	8.4	31.7	10.7	21.0	29.6	*
Total	116.8	82.7	80.8	76.5	376.0	149.9	226.1	306.5	69.5
— Weeks —									
Average (mean) duration	21.8	31.6	25.8	34.7	28.8	27.0	30.1	31.9	15.4
Median duration	15.4	14.5	9.6	12.6	13.6	10.8	15.7	16.2	7.1

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

(b) Comprises never married, widowed and divorced.

TABLE 22. UNEMPLOYED PERSONS, BY INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND DURATION OF UNEMPLOYMENT^(a), APRIL 1981 ('000)

	Duration of unemployment (weeks)							Total
	Under 4	4 and under 8	8 and under 13	13 and under 26	26 and under 39	39 and under 65	65 and over	
Had worked for two weeks or more in a full-time job in the last two years	50.0	37.3	31.0	41.6	23.0	19.9	8.4	211.2
Industry division—								
Manufacturing	13.8	8.0	7.8	11.3	5.7	5.6	*	55.2
Construction	5.7	*	4.5	5.6	*	*	*	22.2
Wholesale and retail trade	9.6	8.7	6.9	12.4	5.0	5.0	*	49.3
Finance, property and business services	6.1			5.0			*	11.4
Community services	7.9		6.1		*	*	*	16.9
Recreation, personal and other services	7.9		7.3		*	*	*	19.4
Other industries	9.9	6.1	*	6.9	4.8	4.6		36.6
Occupation group(b)—								
Professional, technical, etc.	7.9			5.2			*	13.4
Clerical	7.0	7.5	4.5	5.1	4.5		*	29.4
Sales	5.1	6.8		5.2	4.6		*	22.8
Farmers, fishermen, etc.	4.6	*	*	6.0	*	*	*	16.0
Transport and communication	4.8		*	*	*	*	*	9.7
Tradesmen, production-process workers and labourers, n.e.c.	20.6	12.9	14.3	16.7	11.4	10.7	4.5	91.0
Service, sport and recreation	4.6	*	4.5	7.0		*	*	22.7
Other(c)	25.8	18.5	15.3	36.0	11.1	11.7	39.9	158.2
Looking for first job	10.5	7.4	6.3	26.0	5.2	5.3	6.4	67.1
Looking for full-time work	*	4.9	*	20.5	4.7	4.8	5.8	49.0
Other	15.3	11.1	8.9	10.0	5.9	6.4	33.5	91.1
Stood down	6.6							6.6
Total	82.5	55.8	46.3	77.6	34.1	31.5	48.2	376.0

(a) Duration of unemployment is not available for some industry divisions and occupation groups because of the high standard error of the estimates. (b) Excludes administrative, executive and managerial workers; and miners, quarrymen and related workers. (c) Had never worked for two weeks or more in a full-time job or had not done so in the last two years. Industry and occupation were not obtained for these persons.

TABLE 23. UNEMPLOYED PERSONS AGED 15 TO 19 YEARS, BY DURATION OF UNEMPLOYMENT AND WHETHER ATTENDING SCHOOL^(a), APRIL 1981

	Not attending school			Total
	Attending school	Left school before 1980	Left school 1980 to survey date	
NUMBER ('000)				
Duration of unemployment (weeks)—				
Under 4	8.3	9.2	5.8	23.3
4 and under 13	4.7	13.2	10.6	28.4
13 and under 26	7.7	12.6	16.0	36.3
26 and over	*	22.2	5.3	28.8
Total	22.0	57.2	37.6	116.8
AVERAGE (MEAN) DURATION OF UNEMPLOYMENT (weeks)				
Males	8.1	33.6	15.9	23.3
Females	12.5	28.3	14.6	20.8
Persons	10.6	30.6	15.1	21.8
Looking for—				
Full-time work	10.5	30.8	15.7	23.7
Part-time work	10.6	*	*	13.0
MEDIAN DURATION OF UNEMPLOYMENT (weeks)				
Males	7.3	17.8	15.1	14.2
Females	9.2	20.2	14.9	16.1
Persons	7.9	19.4	15.0	15.4
Looking for—				
Full-time work	9.7	19.5	15.8	16.8
Part-time work	7.3	*	*	8.0

(a) For employment status of persons aged 15-19 years see Table 6.

TABLE 24. UNEMPLOYED PERSONS, BY ACTIVE STEPS TAKEN TO FIND WORK AND AGE, APRIL 1981(a)
(' 000)

Age group (years)	Checked or registered with an employment agency	Wrote, phoned or applied in person to an employer for work	Took other active steps	Total(b)
MALES				
15-19	35.7	10.6	*	48.7
20-24	39.4	4.5	*	44.9
25 and over	76.0	13.1	*	94.3
Total	151.1	28.2	5.8	187.9
FEMALES				
15-19	51.0	14.0	*	68.1
20-24	27.8	8.5	*	37.8
25 and over	35.3	34.1	9.8	82.2
Total	114.1	56.6	13.5	188.1
PERSONS				
15-19	86.7	24.7	4.6	116.8
20-24	67.2	13.0	*	82.7
25 and over	111.3	47.2	12.6	176.5
Total	265.2	84.9	19.3	376.0

(a) Active steps were recorded in order of response by persons in the survey and only one active step was recorded for each person. (b) Includes unemployed persons stood down for the whole of the survey week.

TABLE 25. PERSONS NOT IN THE LABOUR FORCE, BY AGE AND MARITAL STATUS, ETC., APRIL 1981

Age group (years)	Males			Females			Persons	Proportion of population(b) — per cent —
	Married	Not married(a)	Total	Married	Not married(a)	Total		
— ' 000 —								
15-19	*	216.8	217.0	16.1	228.8	244.9	462.0	36.2
20-24	5.5	50.5	55.9	129.9	52.1	182.0	237.9	18.9
25-34	23.5	29.3	52.9	508.8	46.6	555.4	608.3	25.7
35-44	24.6	16.6	41.2	327.6	32.9	360.5	401.7	22.1
45-54	46.7	19.5	66.2	324.9	49.6	374.5	440.7	29.1
55-59	53.6	16.7	70.2	207.1	54.8	261.9	332.2	44.9
60-64	122.0	23.0	145.0	190.3	87.6	277.9	422.8	69.8
65-69	167.5	35.8	203.3	159.5	110.7	270.2	473.6	89.8
70 and over	227.8	103.6	331.4	151.4	388.8	540.3	871.7	95.9
Total	671.3	511.8	1,183.1	2,015.7	1,052.0	3,067.7	4,250.8	38.6

(a) Comprises never married, widowed and divorced. (b) Persons not in the labour force as a percentage of the civilian population in the same group.

TABLE 26. PERSONS NOT IN THE LABOUR FORCE, BY WHETHER LOOKING FOR WORK, ETC., APRIL 1981
(' 000)

	Males			Females			Persons
	Married	Not married(a)	Total	Married	Not married(a)	Total	
Looking for work	7.8	15.5	23.3	36.3	18.4	54.7	78.0
Took active steps to find work but not available to start work in the survey week(b)	*	8.0	12.3	8.5	9.7	18.3	30.5
Did not take active steps to find work	*	7.5	11.0	27.7	8.7	36.4	47.4
Not looking for work	631.6	449.9	1,081.5	1,963.4	945.4	2,908.8	3,990.3
Permanently unable to work	15.9	10.9	26.8	*	13.1	16.5	43.3
In institutions	16.1	35.5	51.6	12.6	75.1	87.7	139.3
Total	671.3	511.8	1,183.1	2,015.7	1,052.0	3,067.7	4,250.8

(a) Comprises never married, widowed and divorced. (b) For reasons other than own temporary illness or injury.

GROSS FLOWS

In order to minimise respondent fatigue 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.

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.

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.

Changes in the characteristics of this latter group are shown in Table 27. 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.

Gross flow estimates shown in the following table 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.

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.

While every effort is made to reduce non-sampling errors to a minimum, any such errors affecting employment 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 paragraphs 3 to 5 of the Technical note. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from Table A on page 23.

TABLE 27. ESTIMATES, DERIVED FROM MATCHED RECORDS, OF EMPLOYMENT STATUS IN MARCH 1981 AND APRIL 1981, AND GROSS CHANGES (FLOWS) ('000)

		Females			Persons
		Males	Married	Total	
Employment status in—	April 1981—				
March 1981—					
Employed full time	Employed full time	2,952.6	558.2	1,052.5	4,005.1
	Employed part time	34.4	34.1	47.2	81.6
	Unemployed	19.5	*	8.0	27.5
	Not in the labour force	33.4	25.6	33.5	66.9
Employed part time	Employed full time	36.7	41.5	54.4	91.1
	Employed part time	107.9	431.7	549.9	657.8
	Unemployed	5.1	*	8.7	13.8
	Not in the labour force	18.3	50.2	64.1	82.3
Unemployed	Employed full time	31.0	5.8	18.5	49.6
	Employed part time	5.9	8.9	15.3	21.2
	Unemployed	86.8	26.6	77.2	164.0
	Not in the labour force	19.6	28.0	43.1	62.8
Not in the labour force	Employed full time	20.9	15.3	23.3	44.2
	Employed part time	17.1	46.7	57.2	74.4
	Unemployed	18.3	26.0	43.4	61.7
	Not in the labour force	790.7	1,503.4	2,206.1	2,996.8
Total flows into	Employed(a)	75.0	76.7	114.3	189.3
	Full time	88.6	62.7	96.2	184.9
	Part time	57.5	89.6	119.7	177.2
	Unemployed	42.8	31.6	60.2	103.0
	Not in the labour force	71.3	103.8	140.7	212.0
Total flows out of	Employed(a)	76.3	81.4	114.3	190.5
	Full time	87.3	61.5	88.7	176.0
	Part time	60.1	95.6	127.2	187.3
	Unemployed	56.6	42.7	77.0	133.5
	Not in the labour force	56.3	88.0	123.9	180.2
Total changes of status		189.1	212.1	315.1	504.3
Population represented by the matched sample		4,198.2	2,807.7	4,302.5	8,500.7

(a) Estimates in this category may be less than the sum of the estimates for employed full time and employed part time as the estimates in the latter two categories include movements between those two categories.

NOTE. When comparing figures 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.

TECHNICAL NOTE

For more information on sample design, estimation procedure and reliability of the estimates, for current and earlier surveys, reference should be made to the Technical note in *The Labour Force, Australia, 1978* (6204.0).

Estimation procedures

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 section are based on information obtained from occupants of a sample of dwellings the estimates and the movements derived from them are subject to sampling variability; that is, they may differ from the figures 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 figure 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. The standard error can also be expressed as a percentage of the estimate, and this is known as the *relative standard error*.

4. Space does not allow for the separate indication of the standard errors of all estimates in this section. 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 for periods from February 1978 should be determined by using Tables A and B on page 25. Standard errors of estimates and movements for periods prior to February 1978 were published in the Technical note in *The Labour Force, Australia, 1978* (6204.0).

5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger 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 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 section, estimates below the levels shown in Table A, and percentages based on such estimates, have not been included. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable. See paragraph 9 concerning higher cut-off points 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 on page 23. 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 two other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in Table B. A guide to the standard errors of quarterly movements for periods from February 1978 can be obtained by multiplying the figures in the table of standard errors of monthly movements (Table B) by 1.4. A guide to the standard errors of annual movements for periods from February 1978 can be obtained by multiplying the figures in the table of standard errors of estimates (Table A) by 1.4. 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 the estimate of 171,700 unemployed males looking for full-time work in April 1981 has a standard error of about 4,800. 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 166,900 to 176,500 and about nineteen chances in twenty that it would have been within the range 162,100 to 181,300.
- (b) The estimate of movement in the number of unemployed males looking for full-time work from March 1981 to April 1981 is a decrease of 14,100. 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 the March 1981 estimate (185,800) is the larger. From Table B it will be seen that the standard error of the monthly movement is about 4,200. 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 -18,300 to -9,900 and about nineteen chances in twenty that it would have been within the range -22,500 to -5,700.

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: 0.5
 Average duration of unemployment: 1.5
 Median duration of unemployment: 2.0.

Because of these higher relative standard errors, estimates of aggregate hours worked, average duration of unemployment, and median duration of unemployment have higher cut-off points for publication (see paragraph 6) than other estimates as shown in Table A.

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

In April 1981 the estimate of median duration of unemployment for unemployed males was 15.6 weeks (from Table 21) and the number unemployed was estimated as 187,900 (from Table 1). From Table A it can be estimated that this figure (187,900) has a standard error of about 5,000 and therefore a relative standard error of about 2.7 per cent. *The relative standard error* of the estimate of duration of unemployment is calculated by multiplying this figure (2.7) by the appropriate factor shown in the previous paragraph (in this case 2.0): $2.7 \times 2.0 = 5.4$ per cent. The *standard error* of this estimate of median duration of unemployment is therefore 5.4 per cent of 15.6, i.e. 0.8. 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 14.8 to 16.4 weeks and about nineteen chances in twenty that it would have been within the range 14.0 to 17.2 weeks.

11. The standard errors of estimates relating to agricultural employment are generally somewhat higher than the standard errors of other estimates of the same magnitude. Standard errors for capital cities are approximately the same as those for corresponding States.

12. The reliability of an estimated percentage or rate, computed by using sample data for both numerator and denominator, depends upon both the size of the numerator and the size of the denominator. However, the relative standard error of the estimated percentage will generally be slightly lower than the relative standard error of the estimate of the numerator. The relative standard errors of the numerators can be obtained from Table A.

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 of 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 only a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

TABLE A. STANDARD ERRORS OF ESTIMATES

Size of estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
									Per cent of estimate	
									— number —	
1,500						300				
2,000						340	470	440		
2,500				510	510	380	510	480		
3,000				550	560	410	550	510		
3,500			740	590	590	430	590	540		
4,000			780	620	630	460	620	560		
4,500	1,000	1,000	820	650	660	480	650	590	970	21.6
5,000	1,100	1,100	860	680	690	500	680	610	1,000	20.0
6,000	1,200	1,200	930	730	750	530	740	650	1,100	18.0
10,000	1,500	1,400	1,200	900	920	640	910	750	1,400	14.0
20,000	2,000	1,900	1,500	1,200	1,200	810	1,200	910	2,000	10.0
50,000	3,000	2,700	2,200	1,600	1,700	1,100	1,700	1,100	2,900	5.8
100,000	3,900	3,500	2,800	2,100	2,100	1,300		1,300	3,900	3.9
200,000	5,000	4,400	3,600	2,600	2,600	1,500			5,100	2.6
300,000	5,800	5,000	4,100	2,900	2,900				6,000	2.0
500,000	6,900	5,800	4,800	3,300	3,300				7,200	1.4
1,000,000	8,500	7,000	5,900						9,100	0.9
2,000,000	10,000	8,400							11,000	0.6
5,000,000									15,000	0.3

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

Size of larger estimate	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Australia	
									Per cent of estimate	
1,500						250				
2,000						270	380	370		
2,500				490	490	290	420	390		
3,000				520	530	310	460	410		
3,500			730	540	560	330	490	430		
4,000			760	570	580	340	520	450		
4,500	1,000	1,000	790	590	610	360	550	460	1,100	
5,000	1,100	1,100	820	610	630	370	570	480	1,200	
6,000	1,200	1,200	880	650	670	390	620	500	1,200	
10,000	1,400	1,400	1,000	760	790	460	760	570	1,500	
20,000	1,800	1,700	1,300	930	970	550	1,000	670	2,000	
50,000	2,500	2,300	1,700	1,200	1,300	690	1,400	790	2,700	
100,000	3,200	2,800	2,100	1,400	1,500	810		880	3,400	
200,000	3,900	3,300	2,500	1,700	1,800	920			4,300	
300,000	4,400	3,700	2,800	1,900	1,900				4,900	
500,000	5,100	4,200	3,200	2,100	2,200				5,700	
1,000,000	6,100	4,900	3,800						6,800	
2,000,000	7,200	5,600							8,200	
5,000,000									10,000	

POPULATION SURVEY REPORTS

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 or of other subjects are carried out from time to time. The results of these surveys are published separately.

<i>Title</i>	<i>Catalogue No.</i>
Supplementary surveys	
Australia	
Alcohol and Tobacco Consumption Patterns, February 1977	4312.0
Annual and Long Service Leave, August 1974; May 1979	6317.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Attendance at an Educational Institution, March 1980(a)	Not listed
Birth Expectations of Married Women, November 1976; June 1979	3215.0
Child Care Arrangements, Australia, June 1980	4401.0
Child Care—May 1969; May 1973; May 1977	4402.0
Chronic Illnesses, Injuries and Impairments—May 1968; May 1974	4305.0
Employment Status of Teenagers, August 1978(b)	6234.0
Evening and Night Work, November 1976	6329.0
Ex-service Personnel, November 1966; November 1971; October 1979	4403.0
Family Status and Employment Status of the Population, November 1974 and 1975	6223.0
Frequency of Pay—August 1974, 1976 and 1977	6320.0
Health Insurance, March 1979 and 1980	4335.0
Hearing and the Use of Hearing Aids, September 1978	4336.0
Home Ownership and Rental, November 1978	8710.0
Housing Occupancy and Costs, Australia, August 1980 (Advance release)	8724.0
Income Distribution, 1968-69 (Consolidated and Revised Edition)	6505.0
Income Distribution, 1973-74—	
Part 1 (Tables relating to individuals)	6502.0
Part 2 (Tables relating to families)	6503.0
Part 3 (Supplementary Tables)	6504.0
Internal Migration—	
Conducted each year since 1970 (except 1976); Latest issue, 1980	3408.0
Job Tenure—February 1974; February 1975; August 1976	6211.0
Journey to Work and Journey to School—May 1970; August 1974	9205.0
Labour Force Experience—	
During 1968; 1972; 1974; 1975; 1976; 1978; 1979	6206.0
Labour Force Status and Other Characteristics of Families, November 1974; July 1979	6224.0
Labour Mobility—	
November 1972; February 1975, 1976, 1979 and 1980	6209.0
Leavers from Schools, Universities and Other Educational Institutions—	
Conducted each year since 1964. Latest issue, May 1980	6227.0
Migrants in the Labour Force, 1972 to 1976(b)	6230.0
Multiple Jobholding—	
November 1965; August 1966 and 1967; May 1971; August 1973, 1975, 1977 and 1979	6216.0
Non-School Study Courses, Survey of, August 1968	Not listed
Persons Ceasing Full-time Work, Australia, May 1980 (Preliminary)	6237.0
Persons Covered by Hospital and Medical Expenditure Assistance Schemes, August 1972	4303.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force (including Discouraged Jobseekers)—	
November 1975; May 1977; March 1979; September 1979; March 1980	6220.0
September 1980 (Preliminary)	6219.0
Persons Looking for Work—	
May 1976; November 1976; May 1977; July 1978, 1979 and 1980	6222.0
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Superannuation, Survey of, February 1974	6319.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
The Labour Force: Educational Attainment, Australia, February 1979, 1980	6235.0
Trade Union Members, November 1976	6325.0
Weekly Earnings of Employees (Distribution) August 1975 to August 1980 (annually)	6310.0
Work Patterns of Employees, November 1976	6328.0

(a) Results of this survey are contained in the Appendix to the July 1980 issue of this publication. (b) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.

POPULATION SURVEY REPORTS—*continued*

<i>Title</i>	<i>Catalogue No.</i>
Supplementary surveys—<i>continued</i>	
States	
Status of Immunity to Diphtheria and Poliomyelitis, Children aged 2 months and under 3 years, and 6 or 7 years, February 1972 (New South Wales)	4304.1
Superannuation, Victoria, May 1968	Not listed
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Domestic Appliance and Energy Usage, South Australia, April 1979	8207.4
Housing Survey, Victoria, November 1979	8707.2
Housing Intentions of South Australians, November 1979	8705.4
Use of Health Services, South Australia, 1971	4031.4
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
Private Water Bores or Wells (Perth Statistical Division), Western Australia, November 1979	8708.5
Household Energy Sources, Tasmania, August 1975; June 1978; November 1979	8204.6
Special surveys	
Dental Health (persons aged 15 years or more), February-May 1979	4339.0
Educational Experience and Intentions Survey, Australia, 1979 (Preliminary)	4211.0
Employment Benefits, February to May 1979 (Preliminary)	6332.0
Income Distribution, Australia, 1978-79:	
Individuals (Preliminary)	6501.0
Families (Preliminary)	6506.0
Income Units (Preliminary)	6522.0
Sight, Hearing and Dental Health (persons aged 2 to 14 years), February-May 1979	4337.0
Sight Problems and the use of Glasses/Contact Lenses (persons aged 15 years or more), February-May 1979	4338.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
Unemployed Persons, Income Distribution, Australia, 1978-79	6521.0
Working Conditions, February to May 1979 (Preliminary)	6333.0