# AUSTRALIAN BUREAU OF STATISTICS

CANBERRA

# THE LABOUR FORCE AUSTRALIA

# SEPTEMBER 1984 (Introducing monthly statistics of the labour force status of families)

CATALOGUE NO. 6203.0

4

•

ς.

:

.

#### **CORRIGENDUM**

## THE LABOUR FORCE, AUSTRALIA, SEPTEMBER 1984 CATALOGUE NO. 6203.0 ISSUED 5 NOVEMBER 1984

In Table 32 of the above publication, estimates in the section headed "one or more family members employed" are incorrect (they are for the category "one family member employed"). Corrected estimates are shown in the following table:

TABLE 32. ALL FAMILLES(a): TYPE OF FAMILY, NUNBER OF CHILDREN ACED 0-14 PRESENT, AND LABOUR FORCE STATUS(b), SEPTEMBER 1984 ("OOO familles)

	Number of c	Number of children aged 0-14 present								
	None	One	Two or more	Total						
. NO PANI	LY MEMBER EMPLOYED									
Married-couple families	\$37.2	37.5	75.2	649.9						
One or both spouses unemployed(c)	32.2	22.1	49.3	103.5						
Husband upemployed, wife upemployed	7.7	4	7.6	18.3						
Humband unemployed, wife not in the labour forme	22.6	18.3	40.6	81.5						
Neither spouse unemployed	\$05.1	15.4	25.9	546.4						
Other families	69.7	74.7	75.0	219.4						
Family head unemployed	5.9	10.4	6.0	22.3						
Male head unemployed	•	•	•	6.0						
Female head unemployed	•	7.9	5.4	16.3						
Family head not unemployed	63.8	64.3	69.1	197.2						
Nale head not in the labour force	12.6	•	•	18.0						
Female head not in the labour force	51.2	61.7	66.3	179.2						
All families	606.9	112.2	150.2	869.3						

ないないであったというとうというというというないできたが、

The state of the second second second

( ?{

#### ONE OR NORE FAMILY MEMBERS EMPLOYED

Married-couple families	1,212.2	572.8	1,016.3	2.801.2
One or both spouses unesployed(c)	40.1	25.5	40.5	106.2
Husband employed, wife unemployed	18.1	17.4	32.1	67.6
Rusband unemployed, wife employed	13.3	4.8	5.6	23.8
Husband unemployed, wife not in the labour forme	7.2	٠	•	12.1
Maither spouse unemployed	1,172.1	547.2	975.8	2,695.1
Busband employed, wife employed	648.3	273.8	445.4	1.367.5
Husband employed, wife not in the labour force	408.2	260.8	\$19.1	1.188.1
Busband not in the labour force, wife exployed	41.1	6.5	8.3	55.9
Busband not in the labour force, wife not in the labour force	74.4	6.0	•	83.6
Other families	202.1	77.9	40.2	320.2
Family head unemployed	5.8	•	•	. 7.4
Male head usemployed	•	•	•	•
Female head unemployed	٠	•	•	5.0
Family head not unemployed	196.2	76.6	39.9	312.8
Hale head employed	39.8	11.0	7.7	58.5
Female head employed	61.9	53.8	26.9	142.6
Nale head not in the labour force	11.5	•	•	13.1
Female head not in the labour force	82.7	11.0	4.8	98.5
All families	1,414.3	650.6	1,056.5	3,121.4

TOTAL

					•
Merried-couple families	1,74	9.5	610.2	1,091.4	3,451.1
One or both spouses unemployed(c)	1	2.3	47.6	89.8	209.7
Busband employed, wife unemployed	ت ۲	8.1	17.4	32.1	67.6
Rusband unemployed, wife employed	·	3.3	4.8	5.6	
Husband unemployed, wife unemployed	2	8.6	•	8.1	20.3
Husband unemployed, wife not in the labour forme	1 1	19.8	21.2	42.7	93.6
. Meither spouse unemployed	1.67	7.1	562.6	1.001.7	3,241.4
Busband employed, wife employed	64		273.8	445.4	1,367.5
Hushand employed, wife not in the labour force	40		260.8	\$19.1	1,188.1
Husband not in the labour force, wife employed		1.1	6.5	8.3	\$5.9
Busband not in the labour force, wife not in the labour	r force 57	9.5	21.4	29.0	629.9
Other families	21	1.8	152.6	115.2	539.6
Family head unemployed	1	1.7	11.7	6.3	29.7
Male head upemployed		5.1	•		8.5
; Female head unemployed		6.6	8.9	5.7	21.2
- Family head not unemployed	26	0.1	140.9	109.0	509.9
Male bead employed	3	9.8	11.0	7.7	58.5
Female head employed	6	1.9	53.8	26.9	142.6
. Hele head not in the labour force	2	4.4	3.5	20.9	31.1
Female head not in the labour force		3.9	72.6	71.2	277.7
All families	2,02	1.2	762.8	1,206.7	3,990.7

(...) See Explanatory notes for exclusions to family tables.

 (b) Labour force status refers to persons aged 15 and over only.
 (c) Includes a swall number of families with humband not in the labour force and upenniozed.

,

,

# PHONE INQUIRIES for more information about these statistics—contact Mr Alan Sharp on Canberra (062) 52 6525 or any of our State offices. other inquiries including copies of publications—contact Information Services on Canberra (062) 062) 52 6627 or in any of our State offices. MAIL INQUIRIES write to Information Services, ABS, P.O. Box 10, Belconnen, A.C.T. 2616 or any of our State offices.

#### CATALOGUE NO. 6203.0

#### EMBARGOED UNTIL 11.30 A.M. 5 NOVEMBER 1984

27

#### THE LABOUR FORCE, AUSTRALIA, SEPTEMBER 1984

#### **CONTENTS**

Table				Page
	Explanatory notes			1
•••	Graphs			7
	Labour force status of the civilian population aged 15 and over-			
1.	Australia			12
2.	Seasonally adjusted series			14
3.	Marital status	· .		15
4.	States and Territories			. 15
<b>5</b> .	State capital cities			16
6.	Australian Capital Territory			16
7.	Aged 15 to 19 (single years), by school attendance			17
8.	Aged 20 to 24 (single years)			- 17
9.	Birthplace			18
10.	Born outside Australia, by birthplace and period of arrival			19
11.	Age		4	19
12.	Participation rates, by age and birthplace			20
	Employed persons—			
13.	Full-time and part-time workers, by age			20
14.	Hours worked			21
15.	Employment/population ratios by age and marital status			21
16.	Full-time workers who worked less than 35 hours, by reason			21
17.	Part-time workers, whether preferred to work more hours, by age			22
18.	Part-time workers, whether preferred to work more hours, by hours worked			22
	Unemployed persons—			
19.	States, by age			23
20.	Aged 15 to 19: duration of unemployment and school attendance	-		23
21.	Age and whether looking for full-time or part-time work			24
22.	Birthplace by age			24
23.	Duration of unemployment and age, etc.			25
24.	Industry and occupation of last full-time job and duration of unemployment			26
25.	Age and active steps taken to find work			27
	Persons not in the labour force—		•	
26.	Age and marital status			27

27. Whether looking for work, etc.

#### **CONTENTS**—continued

Table		Page
	Gross flows—	
28.	Estimates of labour force status and gross changes (flows) derived from matched records, August and September 1984	28
	Family status of the civilian population aged 15 and over—	
29.	Summary table	29
30.	Labour force status	30
	All families, by type of family—	
31.	Number of family members, and employment status	31
32.	Number of children aged 0-14 present, and labour force status	32
	Technical note—	
	Estimation procedure	33
	Reliability of the estimates	33
	Supplementary and special surveys on labour force and related topics	33

#### Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey part of the monthly population survey. For the first time, estimates of the labour force characteristics of family members and of family composition are included in this publication (see Tables 29 to 32 and paragraphs 53 to 56 below).

2. Preliminary survey results are published in advance of this more detailed publication in *The Labour Force, Australia, Preliminary* (6202.0).

3. 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

4. The population survey is based on a multi-stage area sample of private dwellings (about 33,000 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. Because of operational problems arising from the Christmas and New Year holidays, interviews for the December 1983 survey commenced on Monday 5 December. The information obtained relates to the week before the interview (i.e. the survey week).

#### Scope

5. 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.

#### 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 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
- (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 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 15 and over in the same group.

9. Unemployed persons are those aged 15 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 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. The active steps were asked in the order shown in the table in this publication showing unemployed persons classified by active steps taken, and since only one response was recorded for each person asked this particular question, the estimates do not reflect the relative importance of the steps taken to find work.

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

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. 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 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.

14. 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. Unemployment rates by industry and occupation are only available for February, May, August and November.

15. The *labour force* comprises all persons who, during the survey week, were employed or unemployed, as defined above.

16. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 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.

17. Full-time workers are those who usually work 35 hours or more a week 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.

18. 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 calculations.

19. Persons attending school comprise those aged 15 to 20 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 educational institutions, and coaching and business schools. Persons attending school are classified as in the labour force if they were employed or unemployed as defined above. Because it is not practicable to ascertain from persons in institutions (who are classified as not in the labour force) whether or not they are enrolled at secondary or high schools, such persons are excluded from estimates classified by school attendance.

20. Persons not in the labour force are those who, during the survey week, were not in the categories employed or unemployed, as defined above. 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 (hospitals, gaols, sanatoria, etc.), 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. Specific surveys of persons not in the labour force indicate that a number want to work but are not classified as unemployed because they were not actively looking for work and/or were not available to begin work in the survey week. Included in this group are the discouraged jobseekers and other persons marginally attached to the labour force.

21. In the labour force survey, persons are classified as married or not married. Marital status is determined from information supplied by the respondent about the individual himself or herself and, where the person was reported as being married, about the living arrangements of persons usually resident in the household. Marital status does not therefore necessarily reflect legal status. Persons are classified as married 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 includes 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. Persons who live in a de facto relationship but do not volunteer this information when asked whether they are married are classified as not married. For discontinuities in estimates of marital status, see paragraph 34.

22. The determination of *family relationships* and composition is complex, involving many factors. The following description outlines the major principles used for this survey. A *family* is defined to consist of two or more related persons usually resident in the same house-hold at the time of the survey. A family comprises a married couple or a family head (as defined in paragraph 24) 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.

23. The following points should be noted in relation to the definition of a family in the previous paragraph:

- (a) the term *relationship* includes relationships by blood, marriage or adoption;
- (b) a family, as defined, can contain no more than two married persons, and can contain two married persons only if these persons are husband and wife (referred to as married-couple families);
- (c) other families are families other than marriedcouple families as defined above. From the definition of married and not married in paragraph 21 it can be seen that the heads of other families must, by definition, be not married. In addition to one-parent families, this category includes families in which there is no parent, for example a family head living with a brother or sister;
- (d) persons are defined as *not a member of a family* if they are not related to any other member of the household in which they are living. A person is considered to be *living alone* if he or she is the sole member of a household. Thus, a person who is the sole occupant of a self-contained flat attached to another dwelling is considered to be living alone;
- (e) the terms usually reside and present are synonomous, and refer to persons who were identified by the respondent as usual residents of the household at the time of the survey.

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

25. 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 *status of worker* 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). 26. Industry is classified according to the Australian Standard Industrial Classification (ASIC) 1978 (1201.0 and 1202.0) and occupation according to the Classification and Classified List of Occupations, Revised November 1980.

27. The areas determining the six State capital cities are the Statistical Divisions for those capital cities defined in Census of Population and Housing 1976, Population and Dwellings in Local Government Areas and Urban Centres (Preliminary) (2401.0-2408.0). Capital City Statistical Divisions are predominantly urban in character and the boundaries are delineated to contain the anticipated urban development of the capital cities (and associated urban centres) for a period of at least 20 years.

#### **Population benchmarks**

28. 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 Quarterly* (3101.0) because they are necessarily derived from incomplete information about population changes.

#### **Revision of series**

29. 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. Survey estimates back to February 1978 have been recalculated to conform to revised population estimates which take account of results of the 1981 Census. Revised estimates back to February 1978 were published in an appendix to the February 1984 issue of this publication. The next issue of The Labour Force, Australia (6204.0) planned for release later this year, will contain more detailed cross-classifications of revised estimates back to February 1978.

30. 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 new conceptual basis of population estimates see 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 thus wholly according to place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence. 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.

31. 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. A revised questionnaire was introduced for the February 1978 survey. The questionnaire, which had undergone little change since 1964, except for the inclusion in 1975 of additional questions on jobseeking, was revised to provide more accurate and more detailed information concerning the labour force.

32. Details of the changes made to the questionnaire in February 1978 and additional minor amendments made in November 1981 are contained in the March 1978 and December 1981 issues (respectively) of *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0). As noted in paragraph 30, the questionnaire was further changed in October 1982 to enable identification of each respondent's place of usual residence. Questions enabling identification of family relationships within households were also included at that time. Details are contained in the August 1984 issue of the *Information Paper* (6232.0).

#### **Comparability of series**

33. As noted in paragraphs 29 and 30, estimates from February 1978 have been revised to conform to revised population estimates and are thus not strictly comparable with estimates for periods prior to February 1978 which have not been revised. The appendix to the February 1984 issue of this publication contains adjustment factors enabling users to calculate the expected effect of the revisions to estimates for periods prior to February 1978.

34. Paragraph 21 outlines the definition of marital status now used in the labour force survey. In conjunction with the revision of estimates back to February 1978 to conform to revised population estimates, a revision to take account of the new definition of marital status was also applied. Consequently, estimates of marital status contained in this publication are not comparable with estimates published before the February 1984 issue of this publication 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. Firstly, for all surveys from February 1978, persons who reported that they were separated, were reclassified as not married. Secondly, from June 1983 onwards, in addition to including persons reported as separated, the not-married category includes persons who although reported as married, did not, at the time of the survey, have a spouse who was a usual resident of the household.

#### Survey sample

35. For detailed information on sample design and selection see the Technical note in *The Labour Force,* Australia, 1978 (6204.0).

36. The population survey sample is reselected every five years to allow data from the latest census of population and housing to be used to improve the efficiency of the population survey sample design. The latest reselection, which used data from the 1981 Census, was introduced for the October 1982 survey. 37. The sampling fraction differs for States and Territories. This is designed to enable estimates of reasonable accuracy to be produced from 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 200; Queensland, 1 in 140; Western Australia, South Australia, Northern Territory and Australian Capital Territory, 1 in 100; and Tasmania, 1 in 60.

#### **Reliability of the estimates**

38. 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.
- (b) non-sampling error: inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in the coding and processing of 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

39. The results of the 1981 Census of Population and Housing show that labour force figures derived from the census differ from estimates derived from the labour force surveys.

40. The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. 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 underenumeration 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 28), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to selfenumeration 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.

41. The labour force survey provides detailed and upto-date estimates of employment and unemployment for Australia and States, whereas the census of population and housing provides less detailed counts for small areas.

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

#### Seasonal adjustment

43. Seasonally adjusted series are published in Table 2. 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 1984, revised the monthly series back to February 1978. Information about the method of adjustment and revised seasonally adjusted figures for all months since February 1978 were published in an appendix to the February 1984 issue of this publication.

44. The large increase in unemployment in 1982 and 1983 may have been accompanied by a change in the seasonal pattern. It would not be possible to quantify any such change adequately until some additional years' data are available. Particular care should therefore be exercised in interpreting current movements in these seasonally adjusted estimates.

#### **Gross flows**

45. 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.

46. 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.

47. The procedures used to select persons in nonprivate 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.

48. 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.

49. 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.

50. 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.

51. 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.

52. 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 53. 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. Tables 29 and 30 show the labour force status and family status of individuals while in Tables 31 and 32, estimates of families classified by family type, number of family members, number of children aged 0-14 present and the labour force status of persons within families can be found.

54. 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, at the time of the survey, be enumerated 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 structure and family characteristics in such cases is most difficult. Thus, family information was 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.

55. In addition, in those private dwellings where it was not possible to obtain information relating to all the usual residents, no family information was 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 could not be obtained from each usual resident. Similarly families which at the time of the survey have one or more of their members away from the usual residence, are also excluded from family determination. Table 29 summarizes those persons for whom family information was obtained as well as those usual residents of private dwellings for whom complete family information could not be obtained, and those persons specifically excluded from the family determination procedures. The table shows that family status was determined in this survey for 11,023,900 persons out of a total of 11,808,000 civilians aged 15 and over—a coverage of 93.4 per cent. The table also shows the labour force status of persons for whom family status was not determined.

56. Additional and more detailed family information can be found in the annual publication Labour Force Status and Other Characteristics of Families (6224.0) of which July 1983 in the most recent release. Users should note that in the more detailed family estimates released annually, the classifications with and without dependent children present are used to describe types of individuals or families. Dependent children comprise all family members aged 0-14 and all family members aged 15 to 20 who are full-time students. The family data contained in this publication are classified by with or without children aged 0-14 present rather than by with or without dependent children aged 0-14 present.

#### **Additional data**

57. 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

58. Other unpublished data from labour force surveys, including more detailed cross-classifications of revised estimates back to February 1978, are available on request.

#### **Related publications**

59. 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, 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

Tasmania's Labour Force, 1976 to 1982—paper issued by ABS Tasmanian Office, November 1982

Labour Statistics, Australia, 1982 (6101.0)

Job Vacancies, Australia (6231.0)-issued quarterly

Information Paper: Questionnaires used in the Labour Force Survey, August 1984 (6232.0)

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

Overtime, Australia (6330.0)—issued quarterly

Persons not in the Labour Force, Australia (6220.0) issued twice-yearly

Labour Force Status and Other Characteristics of Families (6224.0)—issued annually

Information Paper : New Statistical Series : Employment, Average Weekly Earnings, Job Vacancies and Overtime (6256.0)

Social Indicators No. 3 1980 (4101.0)

60. 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.

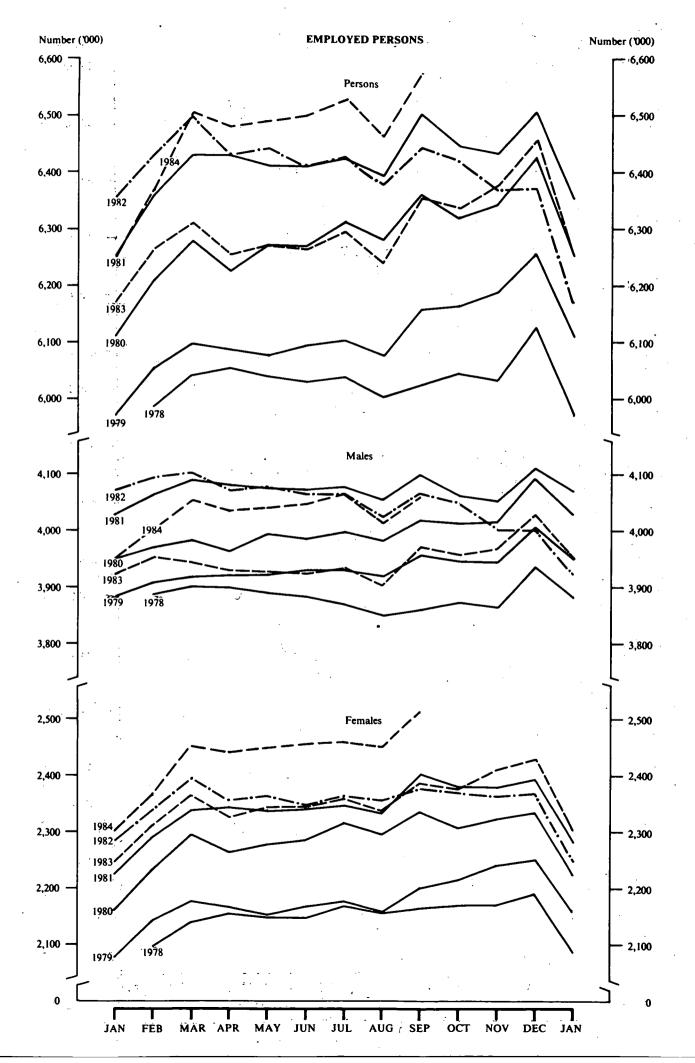
#### Symbols and other usages

- subject to sampling variability too high for most practical uses. See paragraph 6 of the Technical note
- n.a. not available
- . not applicable

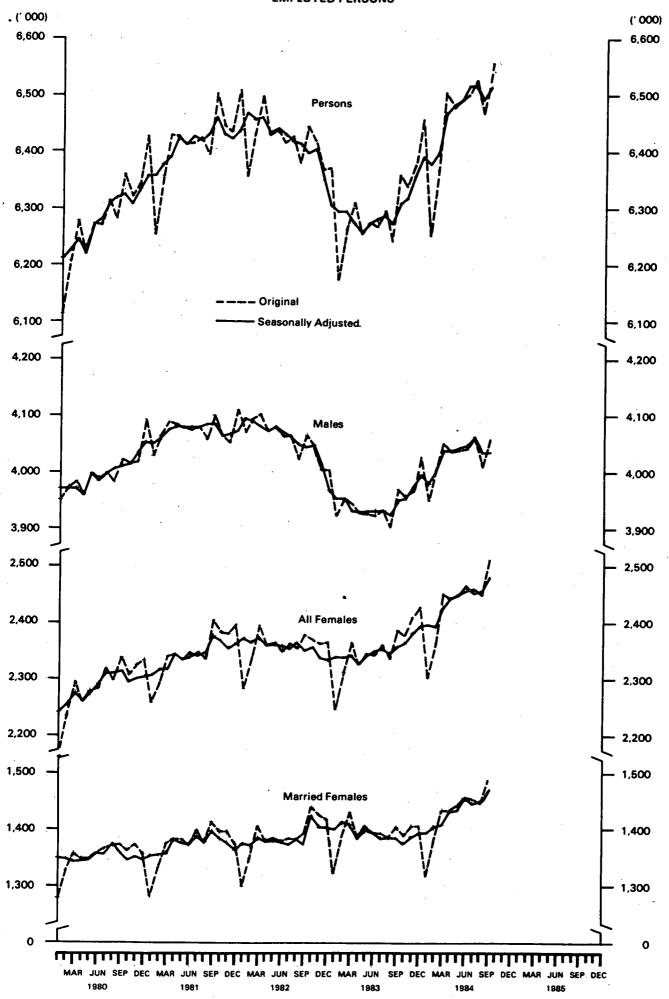
n.e.c. not elsewhere classified

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

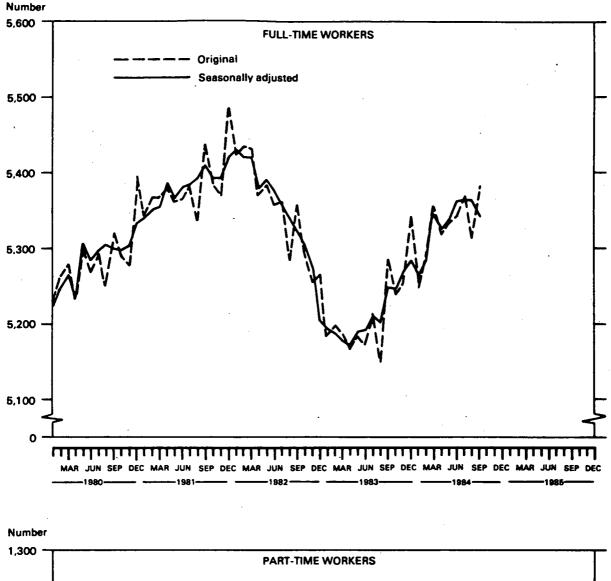
R. J. CAMERON Australian Statistician

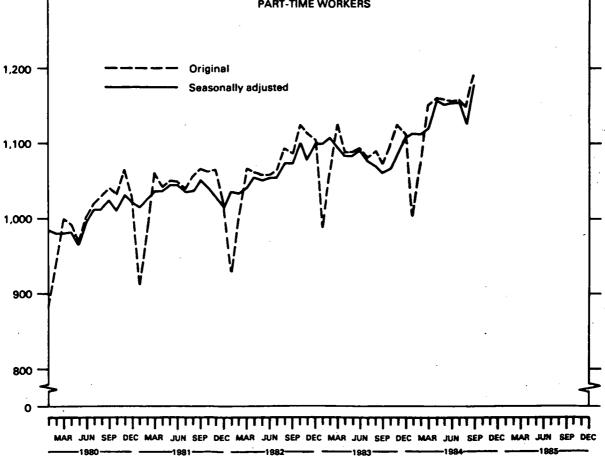


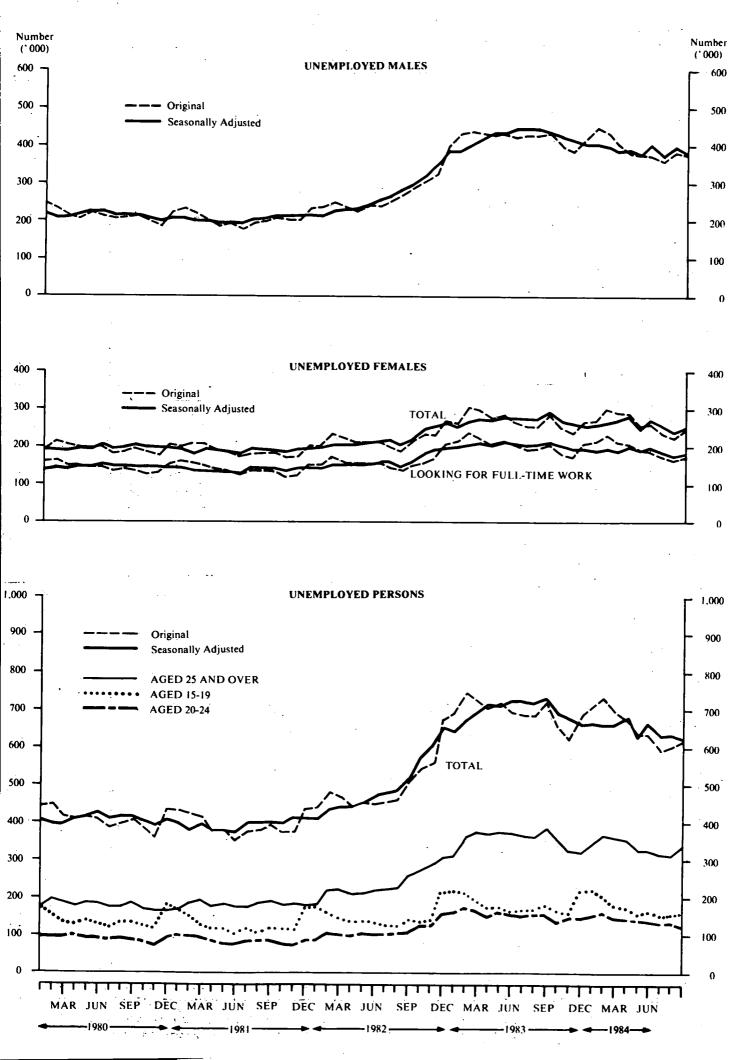
EMPLOYED PERSONS



#### FULL-TIME AND PART-TIME WORKERS







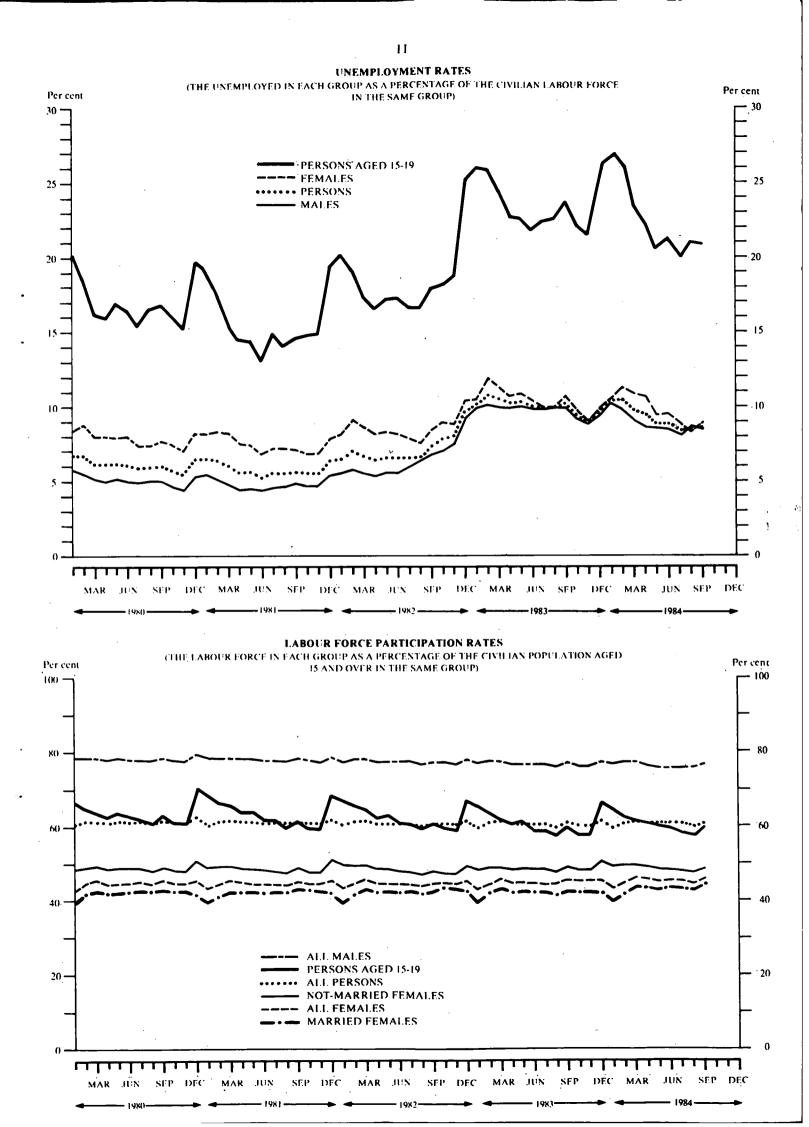


TABLE 1. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER

			Unemployed								
•			Looking for full-time w	ork							
	Employed		Aged 15-19 looking		Looking for part-			Not in	Civilian popula-		
Month	Full-time workers	Total	for first job	Total	time work	Total	Labour force	labour force	tion aged 15 and over	Unemp- loyment rate	Partici- pation rate
					-000	-				- pe	r cent -
					MALRS						
1983 -											
August	3,663.4	3,903.6	26.6	409.5	20.2	429.7	4 333 3	1 170 1			
September	3,740.1	3,971.7	30.6	410.3	24.7	435.0	4,333.3 4,406.7	1,379.2	5,712.5	9.9 9.9	75.9 77.0
October	3,714.2	3,958.5	32.9	384.5	16.3	400.8	4,359.3	1,369.5	5,728.9	9.2	76.1
November December	3,719.3 3,781.9	3,966.7 4,028.2	30.5	365.5	20.4	385.9	4,352.6	1,383.6	5,736.2	8.9	75.9
1984 -	2,701.9	4,028.2	57.4	391.3	28.4	419.8	4,448.0	1,295.6	5,743.6	9.4	77.4
January	3,716.3	3,949.6	53.0	424.0	28.5	452.5	4,402.1	1,350.0	5,752.1	10.3	76.5
Pebruary March	3,767.0	4,000.3	48.5	413.2	22.7	435.8	4,436.2	1,324.1	5,760.2	9.8	77.0
April	3,809.0 3,781.2	4,052.3 4,036.6	36.8	380.0	24.7	404.7	4,457.1	1,311.3	5,768.4	9.1	77.3
Нау	3,791.4	4,039.3	33.4 30.3	364.3 356.5	21.3 25.7	385.6 382.2	4.422.2 4.421.5	1,353.8 1,362.2	5,776.0	8.7	76.6
June	3,797.7	4,042.1	29.1	349.7	25.3	375.0	4,417.2	1,374.1	5,783.7 5,791.3	8.6	76.4 76.3
July	3,807.7	4,064.5	27.0	339.9	17.9	357.8	4,422.3	1,375.9	5,798.2	8.1	76.3
August September	3,767.3 3,804.2	4,012.4	30.3	359.0	22.5	381.5	4,393.9	1,411.5	5,805.4	8.7	75.7
september	3,804.2	4,059.1	29.2	349.1	27.7	376.8	4,435.8	1,376.5	5,812.3	8.5	76.3
Standard error of -											
September 1984 estimates	13.7										
Aug 84 to Sept 84	13.7	14.0	2.3	6.3	2.3	6.5	14.3	10.1	••	0.1	0.2
novenents	9.6	9.8	2.3	5.1	2.2	5.2	10.0	7.5	· · ·	0.1	0.2
				MA	RRIED PE						
						14665					
1983 - August											
September	753.3 782.1	1,384.0 1,405.1	· •	64.2 70.0	34.9 44.2	99.1 114.2	1,483.1	2,081.3	3,564.4	6.7	41.6
October	766.9	1,388.1	•	59.6	42.7	102.3	1,519.3 1,490.4	2,033.6 2,048.7	3,552.9 · 3,539.1	7.5	42.8
November	770.0	1,407.3	•	55.8	36.1	91.9	1,499.2	2.034.5	3,533.7	6.1	42.1 42.4
December	780.2	1,406.0	+	54.9	31.9	86.8	1,492.8	2,046.0	3,538.8	5.8	42.2
1984 -										•	
January	768.9	1,318.5	*	53.1	26.9	80.0	1,398.5	2,146.9	3,545.4	5.7	39.4
February	764.4	1,378.0	*	62.8	41.0	103.8	1,481.8	2,060.6	3,542.4	7.0	41.8
March April	773.1 771.8	1,433.1	*	70.6	46.2	116.8	1,549.9	1,986.7	3,536.6	7.5	43'.8
May	777.3	1,433.1 1,443.3	-	66.4 57.2	45.5 39.4	111.9	1,545.0	1,999.8	3,544.8	7.2	43.6
June	786.4	1,454.5	*	59.9	40.4	96.6 100.3	1,539.9	2,027.0 2,022.1	3,566.9 3,577.0	6.3	43.2
July	790.7	1,455.3	*	52.5	35.9	88.4	1,543.7	2,033.9	3,577.6	6.4 5.7	43.5 43.1
August	786.9	1,446.5	<b>*</b>	51.0	34.4	85.3	1,531.8	2,047.2	3,579.1	5.6	42.8
September	808.1	1,489.1	*	53.3	43.3	96.6	1,585.7	2,004.6	3,590.3	6.1	44.2
Standard error of -											
September 1984 estimates	8.4	10.3	<u> </u>	• •							
Aug 84 to Sept 84	0.4	10.3	0.4	3.0	2.8	3.9	10.5	11.3	••	0.2	0.3
movements	6.5	7.6	0.6	2.8	2.6	3.4	7.7	8.3	••	0.2	0.2

12

• ·

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

			Unemployed								
			Looking for full-time	r		•••••					
			Aged		Looking				Civilian		
	Employed		15-19		for				popula-		
	Full-time		looking for		part- time		Labour	Not in labour	tion aged 15	Unemp- loyment	Partici- pation
Nonth ,	workers	Total	first job	Total	work	Total	force	force	and over	rate	rate
				-	2000	-				- pe	r cent -
			-		ALL PENA	LES					
1983 -											
August September	1,486.9 1,545.8	2.337.4	28.6 33.6	197.9	59.3	257.1	2,594.6	3,299.1	5,893.7	9.9	44.0
October	1,526.3	2,386.5 2,377.6	27.8	208.8 183.0	77.2 69.3	285.9 252.3	2,672.4 2,630.0	3,229.6 3,279.5	5,902.0 5,909.4	10.7 9.6	45.3 44.5
November	1,534.0	2,410.8	27.2	176.7	62.2	238.9	2,649.7	3,267.3	5,917.0	9.0	44.8
December	1,560.6	2,428.2	52.4	210.1	60.2	270.2	2,698.4	3,226.1	5,924.5	10.0	45.6
1984 -											
January	1,533.1	2,303.0	48.2	212.9	54.0	266.9	2,569.9	3,363.2	5,933.1	10.4	43.3
February Harch	1,528.6 1,546.3	2,365.7 2,451.9	51.7 37.5	228.6 212.1	73.7 84.2	302.3 296.3	2,668.0 2,748.2	3,273.6 3,201.9	5,941.6 5,950.1	11.3 10.8	44.9
April	1,537.8	2,442.4	32.1	207.7	83.5	291.2	2,733.5	3,224.5	5,958.1	10.8	46.2 45.9
Hay	1,541.8	2,451.2	29.4	192.7	62.1	254.8	2,706.1	3,260.1	5,966.1	9.4	45.4
June July	1,545.4 1,561.2	2,456.6	30.3	189.5	69.5	259.1	2,715.7	3,258.4	5,974.1	9.5	45.5
August	1,561.2	2,461.6 2,449.9	28.1 25.9	175.3	62.5 57.9	237.8 223.1	2,699.5 2,673.0	3,281.9 3,315.5	5,981.3 5,988.5	8.8 8.3	45.1 44.6
September	1,578.7	2,513.8	26.2	168.9	75.6	244.5	2,758.4	3,237.4	5,995.7	8.9	46.0
Standard error of - September 1984 estimates Aug 84 to Sept 84 movements	10.5	12.1 8.7	2.2 2.2	4.8 4.1	3.5	5.5	12.5	13.1 9.3		0.2	0.2
						_					
					PERSON	S					
1983 -											
August September	5,150.3 5,285.9	6,241.1 6,358.2	55.2 64.1	607.4 619.0	79.5	686.8	6,927.9	4,678.3	11,606.2	9.9	59.7
October	5,240.6	6,336.2	60.7	567.5	101.9 85.6	720.9 653.1	7,079.1 6,989.3	4,544.1 4,649.0	11,623.2	10.2 9.3	60.9 60.1
November	5,253.3	6,377.5	57.7	542.1	82.6	624.7	7,002.3	4,650.9	11,653.2	8.9	60.1
December	5,342.5	6,456.4	109.8	601.4	88.6	690.0	7,146.4	4,521.7	11,668.1	9.7	61.3
1984 -											
January	5,249.4	6,252.6	101.2	636.9	82.5	719.4	6,972.0	4,713.2	11,685.2	10.3	59.7
February	5,295.6	6,366.0	100.1	641-8	96.4	738.2	7,104.2	4,597.6	11,701.8	10.4	60.7
March April	5,355.3 5,319.0	6,504.2 6,479.0	74.3 65.5	592.2 572.0	108.9	701.0	7,205.3	4,513.2	11,718.5	9.7	61.5
Нау	5,333.2	6,490.5	59.7	549.2	87.8	676.7 637.0	7,155.8 7,127.5	4,578.4 4,622.3	11,734.1 11,749.8	9.5 8.9	61.0 60.7
June	5,343.1	6,498.7	59.5	539.2	94.9	634.1	7,132.8	4,632.5	11,765.4	8.9	60.6
July August	5,368.9	6,526.1	55.1	515.2	80.4	595.7	7,121.8	4,657.8	11,779.5	8.4	60.5
September	5,314.8 5,382.9	6,462.3 6,572.9	56.2 55.4	524.2 518.1	80.5 103.3	604.6 621.3	7,066.9 7,194.2	4,727.0 4,613.8	11,793.9 11,808.0	8.6 8.6	59.9 60.9
			•								
Standard error of - September 1984											
estimates	15.1	16.0	3.1	. 7.2	4.0	7.7	16.4	14.5	••	0.1	0.1
Aug 84 to Sept 84 movements	10.4	10.9	2.8	5.7	3.5						
		10.9	2.0	3.7	3.3	6.0	11.1	10.1	••	0.1	0.1

· .

۰.

#### TABLE 2. CIVILIAN LABOUR PORCE: SEASONALLY ADJUSTED SERIES

			Unemployed						
			Looking for full-time work						
	Employed		Aged 15-19		Looking			Unemp-	Partici-
	Full-time	Total	looking for first job	Total	for part-time work	Totel	Labour force	loyment rate	pation rate
Month	workers	10181	iiiet joo	-	1000 -			- per	cent -
				MALES	,				
1983 -			, · · ·	<b>nn 6</b> 63					
August September	3,690.9 3,720.0	3,925.6 3,950.0	37.3 36.3	422.0 413.8	22.0 24.6	444.0 438.4	4,369.6 4,388.4	10.2	76.5 76.7
October November	3,717.2 3,732.8	3,954.4	37.0	407.9 399.8	17.5	425.4 414.1	4,379.8 4,388.7	9.7 9.4 9.2	76.5 76.5 76.6
December	3,749.2	3,995.5	33.7	381.9	21.9	403.8	4,399.3	9.2	70.0
1984 - January Roberts	3,729.2 3,753.1	3,980.1 4,003.8	32.5 34.6	379.5. 375.0	27.3	406.8 397.6	4,386.9 4,401.4	9.3 9.0	76.3 76.4
Pebruary March April	3,800.3	4,039.3 4,038.6	36.2	369.1 373.0	22.6 21.7	391.7 394.7	4,431.0 4,433.3	8.8 8.9	76.8 76.8
Hay June	3,800.2	4,042.8 4,047.9	38.1 43.6	360.1 370.0	23.8 30.3	384.0 400.3	4,426.8	8.7	76.5 76.8
July August	3,802.2 3,796.1	4,063.7 4,035.5	38.5 42.6	353.6 370.7	18.4 24.5	371.9 395.2	4,435.6 4,430.7	8.4 8.9 8.6	76.5 76.3 76.0
September	3,782.7	4,036.2	34.7	352.1	27.4	379.6	4,415.8	0.0	70.0
			M	ARRIED FEMA	LES				
1983 - August	768.8	1,385.4		67.0	39.8	106.8	1,492.2	7.2	41.9
September October	769.9	1,385.5	••	68.4 64.0	42.5 38.6	110.9	1,496.4	7.4	42.1 41.8
November December	768.0 769.6	1,387.0 1,393.2	••	56.5 60.0	38.4 35.9	94.9 95.9	1,481.9 1,489.1	6.4 6.4	41.9 42.1
1984 -	77. /	1,393.6		58.4	36.6	95.0	1,488.6	6.4	42.0
January February Narch	771.6 771.9 771.5	1,405.1	••.	54.4	34.0	88.4 102.8	1,493.5	5.9 6.8	42.2 42.8
April May	770.2 774.4	1,433.1 1,435.4	••	62.8 55.6	44.1 36.7	106.9 92.3	1,540.0	6.9 6.0	43.4 42.8
June July	792.6 792.2	1,456.5	••	61.9 56.4	40.1 37.5 39.2	102.0 93.9 92.4	1,558.5 1,539.8 1,540.3	6.5 6.1 6.0	43.6 43.0 43.0
August September	803.0 795.2	1,448.0 1,468.1	••	53.2 52.2	41.6	93.8	1,562.0	6.0	43.5
				ALL FEMALI					
1983 -				ALL PERAL	.5				
August September	1,511.2 1,528.3	2,346.3 2,358.6	37.0 42.6	207.9 218.2	67.0 73.6	274.9 291.8	2,621.2 2,650.4	10.5	44.5 44.9
October November	1,528.9	2,363.0 2,382.6	37.4 36.5	206.6 196.9	65.0 68.4	271.6 265.3	2,634.6 2,647.9	10.3	44.8 44.8 44.8
December	1,534.6	2,395.4	35.5	196.5	63.4	259.9	2,655.3	9.8	**.0
1984 - January	1,534.0 1,532.8	2,396.5 2,393.9	31.8 38.8	194.2 198.3	65.8 65.0	260.0	2,656.5 2,657.1	9.8 9.9	44.8 44.7
February March April	1,532.0	2,427.6	34.1 33.0	197.6	72.8	270.4 283.9	2,697.9 2,727.5	10.0 10.4	45.3 45.8
Hay June	1,540.3	2,448.2 2,466.8	31.4 36.4	191.3 193.7	59.8 70.4	251.1 264.1	2,699.3 2,731.0	9.3 9.7	45.2
July August	1,561.9 1,572.5	2,453.1 2,458.4	35.8 33.6	190.1 173.6	66.5 65.5	256.5	2,709.6 2,697.4 2,732.2	9.5 8.9 9.1	45.3 45.0 45.6
September	1,559.8	2,483.5	33.2	176.5	72.1	248.6	2,732.2	,	4310
				PERSONS					~
1983 -	5,202.1	6,271.9	74.3	629.9	89.0	718.9	6,990.8	10.3	60.2
August September ' October	5,202.1 5,248.3 5,246.1	6,308.6	78.9	632.0 614.5	98.2	730.2 697.0	7,038.8 7,014.4	10.4	60.6 60.3
November December	5,269.6 5,283.8	6,357.2 6,390.9	72.2 69.2	586.7 578.4	92.7 85.3	679.4 663.7	7,036.6 7,054.6	9.7 9.4	60.4 60.5
1984 -	5 323 3	6,376.6	64.3	573.7	93.1	666.8	7,043.4	9.5	60.3
January February	5,263.2 5,285.9 5,347.7	6,397.7 6,466.9	73.4	573.2	87.6	660.8 662.1	7,058.5 7,128.9	9.4 9.3	60.3 60.8
Harch April Hay	5,347.7 5,326.0 5,340.5	6,482.3 6,491.1	75.6	578.5 551.4	100.1 83.6	678.6 635.0	7,160.9 7,126.1	9.5	61.0 60.6
næy June July	5,362.2 5,364.2	6,514.7 6,516.8	80.0 74.3	563.7 543.6	100.8	664.4 628.5	7,179.27,145.2	9.3 8.8	61.0 60.7 60.4
August September	5,368.6 5,342.5	6,493.9 6,519.7	76.2 67.9	544.3 528.7	89.9 99.5	634.2 628.2	7,128.1 7,147.9	8.9 8.8	60.5

#### TABLE 3. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: Marital Status, September 1984

.

	Employed		Unemployed					Civilian popula-		
	Full-time vorkers	Total	Looking for full- time work	Looking for part- time work	Total	Labour force	Not in labour force	tion aged 15 and over	Unemp- loyment rate	Partici- pation rate
		÷		- 1000	-				- pa	r cent -
Hales Harried Not married	3,804.2 2,603.8 1,200.4	4,059.1 2,709.3 1,349.8	349.1 140.5 208.6	27.7 * 23.7	376.8 144.5 232.3	4,435.8 2,853.8 1,582.0	1,376.5 742.0 634.5	5,812.3 3,595.7 2,216.6	8.5 5.1 14.7	76.3 79.4 71.4
Fensles Married Not married	1,578.7 808.1 770.6	2,513.8 1,489.1 1,024.7	168.9 53.3 115.6	75.6 43.3 32.3	244.5 96.6 147.9	2,758.4 1,585.7 1,172.6	3,237.4 2,004.6 1,232.8	5,995.7 3,590.3 2,405.4	8.9 6.1 12.6	46.0 44.2 48.7
Persons	5,382.9	6,572.9	518.1	103.3	621.3	7,194.2	4,613.8	11,808.0	8.6	60.9

#### TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: States and territories, september 1984

	P14		Unemployed					Civilian popula-		
	Employed		Looking	Looking			Not in	tion	Vaemp-	Partici-
State or	Full-time		for full-	for part-		Labour	labour	aged 15	loyment	pation
Territory	workers	Total	time work	time work	Total	force	force	and over	rate	rate
				- 1000	-				- pe	r cent -
				H.	ALES					
New South Wales	1.316.1	1.402.8	129.5	8.1	137.7	1,540.5	487.5	2,028.0	8.9	76.0
Victoria	1,007.2	1.080.8	71.7	7.0	78.7	1,159.5	364.9	1,524.4	6.8	76.1
Queensland	606.5	644.6	61.1	6.0	67.1	711.8	219.2	931.0	9.4	76.5
South Australia	327.7	347.7	36.0	*	38.3	386.0	125.7	511.7	9.9	75.4
Western Australia	348.9	373.5	34.9	2.6	37.4	410.9	111.9	522.8	9.1	78.6
Taspania	102.6	108.4	12.6	*	13.1	121.5	40.4	161.9	10.8	75.0
Borthern Territory Australian Capital		35.1	2.0	•	2.3	37.4	12.6	50.0	6.1	74.8
Territory	61.2	66.1	*	*	2.3	68-4	14.3	82.6	3.4	82.7
Australia	3,804.2	4,059.1	349.1	27.7	376.8	4,435.8	1,376.5	5,812.3	8.5	76.3
				F E.	MALES					
New South Wales	574.8	886.2	59.4	25.1	84.5	970.8	1,130.1	2,100.9	8.7	46.2
Victoria	426.1	676.4	40.5	20.9	61.4	737.8	851.7	1,589.5	8.3	46.4
Queensland	239.4	382.2	26.1	12.1	38.2	420.4	528.1	948.5	9.1	44.3
South Australia	121.1	212.7	18.3	5.5	23.9	236.5	298.4	534.9	10.1	44.2
Western Australia	135.2	226.6	16.6	7.8	24.4	250.9	270.3	521.3	9.7	48.1
Tespania	34.3	60.2	4.9	1.9	6.8	66.9	100.2	167.1	10.1	40.1
Northern Territory Australian Capital		21.4	1.4		2.1	23.5	21.3	44.8	8.9	52.4
Territory	31.8	48.2	*	•	3.4	51.6	37.3	88.9	6.5	58.1
Australia	1,578.7	2,513.8	168.9	75.6	244.5	2,758.4	3,237.4	5,995.7	8.9	46.0
				PE	RSONS					
New South Wales	1,890.9	2,289.1	188.9	33.2	222.2	2,511.2	1,617.7	4,128.9	8.8	60.8
Victoria	1,433.3	1,757.2	112.2	27.9	140.1	1,897.3	1,216.6	3,113.8	7.4	60.9
Queensland	845.9	1,026.9	87.1	18.1	105.3	1,132.1	747.3	1,879.4	9.3	60.2
South Australia	448.9	560.4	54.3	7.8	62.1	622.5	424.1	1,046.7	10.0	59.5
Western Australia	484.1	600.0	51.4	10.4	61.8	661.8	382.2	1,044.0	9.3	63.4
Tasmania	136.9	168.6	17.5	2.4	19.8	188.4	140.6	328.9	10.5	57.3
Northern Territory Australian Capital		56.5	3.4	*	4.4	60.8	33.9	94.7	7.2	64.2
Territory	93.0	114.3	3.2	2.5	5.7	120.0	51.5	171.5	4.7	70.0
Australia	5,382.9	6,572.9	518.1	103.3	621.3	7,194.2	4,613.8	11,808.0	8.6	60.9

- -

	<b>.</b>		Unemployed	1		,		Civilian		
Capital city	Employed  Full-time workers	Total	Looking for full- time work	Looking for part- time work	Total	Labour force	Not in labour force	popula- tion aged 15 and over	Unemp- loyment rate	Partici- pation rate
		•		- 1000	-				- pe	r cent -
				н	ALES		c			
Sydney	836.3	889.6	68.2	5.9	74.1	963.7				- / -
Melbourne	721.6	775.4	46.9	5.7	52.5		301.3	1,265.0	7.7	76.2
Brisbane	274.6	291.3	27.4	3.7	32.5	827.9 321.8	260.6 105.2	1,088.5	6.3	76.1
Adelaide	230.8	245.5	27.0		28.8	274.4			9.5	75.4
Perth	234.0	253.9	26.7	-	29.0	282.8	95.2	369.6	10.5	74.2
Hobart	40.1	42.3	5.2	· •	29.0	47.8	82.5	365.4 64.9	10.2	77.4
	40.1	-2	5.2	-	3.4	4/.0	17.2	64.9	11.4	73.5
Total	2,337.3	2,498.0	201.3	19.2	220.4	2,718.5	862.0	3,580.5	8.1	75.9
					MALES		۰.			
				F 5	AALES					
Sydney	407.0	604.7	33.5	13.5	47.0	651.7	688.5	1.340.2	7.2	10.0
Melbourne	335.2	514.1	24.6	15.5	40.0	554.1	591.9	1,146.0	7.2	48.6 48.4
Brisbaue	122.3	186.6	13.1	5.6	18.7	205.2	251.0	456.2	9.1	48.4
Adelaide	94.5	160.1	13.7	4.5	18.2	178.4	218.9	397.3	10.2	43.0
Perth	103.4	168.8	12.1	6.5	18.6	187.4	199.4	386.8	9.9	48.4
Hobart	15.9	26.5	1.7	•	2.6	29.1	40.2	69.3	8.9	42.0
Total	1,078.3	1,660.8	98.7	46.4	145.1	1,805.9	1,989.7	3,795.7	8.0	47.6
	•			PE	RSONS					
Sydney	1,243.2	1,494.3	101.7	19.4	121.2	1,615.4	989.8	2,605.2	7.5	62.0
Melbourne	1,056.8	1.289.5	71.4	21.1	92.6	1.382.1	852.4	2,234.5	6.7	61.9
Brisbane	396.9	477.9	40.5	8.7	49.2	527.1	356.1	883.2	9.3	59.7
Adelaide	325.3	405.7	40.7	6.4	47.1	452.7	314.2	766.9	10.4	59.0
Perth	337.5	422.7	38.8	8.8	47.5	470.2	281.9	752.2	10.1	62.5
Hobart	56.0	68.8	6.8	1.2	8.0	76.9	57.3	134.2	10.4	57.3
Total	3,415.7	4,158.8	299.9	65.6	365.5	4,524.4	2,851.7	7,376.1	8.1	61.3

#### TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: STATE CAPITAL CITIES, SEPTEMBER 1984

#### TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: AUSTRALIAN CAPITAL TERRITORY, SEPTEMBER 1984

.

		•		Persons			
		Penales				Aged	
	Males	Married	Total	Aged 15-19	Aged 20-24	25 and over	Total
				- 1000 -			· · · .
Employed	66.1	28.5	48.2	9.0	16.2	89.1	114.3
Full-time workers Part-time workers	61.2 4.9	16.0 12.5	31.8 16.5	4.6	14.6	73.8	93.0 21.3
Unemployed	2.3	*	3.4	•	*	2.9	5.7
Looking for full-time work Looking for part-time work	*	*	*	* . * .	*	*	3.2
Labour force	68.4	30.2	51.6	10.7	17.2	92.0	120.0
Not in labour force Aged 15-19 attending school(a)	14.3 4.6	24.1 *	37.3 3.3	9.7 8.0	2.9	38.9	51.5
Civilian population	82.6	54.3	88.9	20.4	20.2	130.9	171.5
			-	per cent -			
Unemployment rate	3.4	5.5	6.5	16.0	6.0	3.2	4.7
Looking for full-time work Participation rate Employment/population ratio	2.2 82.7 80.0	5.1 55.7 52.6	5.4 58.1 54.3	9.1 52.4 44.0	6.1 85.4 80.2	2.3 70.3 68.1	3.3 70.0 66.6
				- aumber -			
Average (mean) weekly hours worked by employed persons Average (mean) duration of	36.2	25.3	27.5	23.9	33.6	33.2	32.5
unemployment (weeks)	٠	*	18.7	*	•	٠	27.3
(a) Excludes persons in institutions.	. See Explanat	ory notes.					

• ~>

			Unemployed			•		Civilian		•
	Employed		Looking	Looking			Not in	popula- tion	Unemp-	Partici-
	Full-time		for full-			Labour	labour	aged	loyment	pation
	vorkers	Total	time work		Total	force	force	15-19	Tate	Tate
					•••••					
				- 1000	-				- pe	r cent -
			•	NOT ATTEND	INC SCHOOL				•	
Males	229.9	258.3	61.7	•	65.7	323.9	34.9	358.9	20.3	90.3
Fenales .	184.2	230.8	48.5	•	52.8	283.6	60.1	343.7	18.6	82.5
Persons	414.2	489.1	110.2	8.3	118.5	607.5	95.0	702.5	19.5	86.5
Left school -										
Before 1982	149.5	166.5	32.6	*	33.7	200.2	22.1	222.2	16.8	90.1
1982	126.2	146.5	31.0	*	32.9	179.4	26.0	205.4	18.3	87.3
1983 to survey date	138.4	176.1	46.6	5.3	51.9	228.0	47.0	274.9	22.8	82.9
Age -										
15	8.8	11.4	6.9	*	7.5	18.8	5.2	24.0	39.7	78.4
16	42.3	50.7	19.9	) 4.5	( 20.8	71.5	8.2	79.7	29.1	89.7
17	84.5	97.1	24.1			122.5	11.9	134.4	20.7	91.1
18	128.4	153.8	29.6		( 31.9	185.8	32.3	218.1	17.2	85.2
19	150.2	176.1	29.6	•	32.9	209.0	37.4	246.4	15.7	84.8
				ATTENDIN	C SCHOOL	•			·	
Hales .	•	48.5	7.4	12.7	20.1	68.6	222.1	290.8	29.3	23.6
Females	•	63.7	5.3	14.7	20.0	83.7	203.9	287.6	23.9	29.1
Persons	6.1	112.2	12.7	27.4	40.2	152.3	426.1	578.4	26.4	26.3
Age -										
-15	) 5.6		•	14.5	17.6	57.8	185.2	243.0	30.4	23.8
16		( 39.4	6.1	8.2	14.2	53.6	125.0	178.7	26.5	30.0
17	*	25.4	· •	) ) 4.8	( 7.0	32.4 8.6	86.4 29.4	118.8 38.0	21.6	27.3
18 and 19	-	1.2	-	) 4.8		0.0	27.4	30.0		22.3
				TO	AL					
Hales	234.0	306.8	69.1	16.7	85.8	392.6	257.1	649.6	21.9	60.4
Feusles	186.3	294.5	53.8	19.0	72.8	367.3	264.0	631.3	19.8	58.2
Persons	420.3	601.2	122.9	35.7	158.6	759.9	521.1	1,280.9	20.9	59.3
Age -										· · · · · ·
15	11.5	51.6	10.0	15.0	25.0	76.6	190.4	267.0	32.7	28.7
16	45.2	90.1	26.0	9.0	35.0	125.1	133.3	258.4	28.0	48.4
17	84.9	122.5	27.0	5.4	32.4	154.9	98.3	253.2	20.9	61.2 77.2
18	128.5	160.8	30.3		( 32.9 ( 33.3	193.7 209.7	57.1 42.0	250.8 251.7	17.0 15.9	83.3
19	150.2	176.4	29.6	) 6.3	( 33.3	209.1	42.0	231.1	12.3	. 03+3

## TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION ACED 15 TO 19: School Attendance(\*), September 1984

(a) Excludes persons in institutions. See Explanatory notes.

#### TABLE 8. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20 TO 24, SEPTEMBER 1984

			Unemployed	!				Civilian		
	Employed		Looking	Looking			Not in	popula- tion	Unemp-	Partici-
	Full-time workers	Total	for full- time work	for part- time work	Total	Labour force	labour force	aged 20-24	loyment rate	pation rate
				- 1000	-				- pe	r cent -
Males	480.5	519.5	74.4	•	77.5	597.0	67.8	664.8	13.0	89.8
Fenales	349.5	431.2	42.1	9.7	51.8	483.0	179.6	662.7	10.7	72.9
Persons	830.0	950.7	116.5	12.8	129.3	1,080.0	247.4	1,327.4	12.0	81.4
Age -										
20	156.2	180.7	27.2	) 5.2 (	30.0	210.6	49.4	260.0	14.2	81.0
21	165.6	191.2	24.2	) (	26.7	218.0	47.3	265.3	12.3	82.2
22 23	168.0	192.1	23.8	) 5.1 (	26.4	218.5	49.5	267.9	12.1	81.5
23	171-1	195.7	21.2	) (	23.8	219.5	49.0	268.4	10.8	81.8
24	169.2	191.0	20.0	•	22.5	213.5	52.3	265.8	10.5	80.3

#### 18

#### TABLE 9. CIVILIAN LABOUR FORCE BY BIRTHPLACE, SEPTEMBER 1984

•	Employed		Unemployed				
	Full-time vorkers	Total	Looking for full- time work	Total	Labour force	Ünemp∸ loyment rate	Partici- pation rate(a)
			- 1000 -			- pe	r cent -
			MALES				
Born in Australia	2,792.1	2,992.3	236 - 1	257.9	3,250.3	7.9	77.5
Born outside Australia Africa	1,012.0 32.1	1,066.7 33.7	113.0	118.8	1,185.5 35.4	10.0	77.4 79.8
America Asia	30.3 121.9	32.6 132.2	25.7	* 26.8	36.9 159.0	±	78.0 74.8
Lebanon Vietnam	15.1	15.7 14.6	6.8 7.4	6.8 7.9	22.5	30.1 35.0	76.8 75.6
Europe	761.9	799.2	72.3	76.4	875.5	8.7	76.8
Germany Greece	41.3 44.5	43.1 45.4	4.9	5.1	46.1 50.5	* 10.2	83.5 78.9
Italy Malta	103.7	107.9 28.0	9.5	9.9	117.8 29.1	8.4	76.9 85.8
Netherlands	36.9	37.8	:	*	41.5	*	78.0
Poland UK and Ireland	378.9	400.9	35.8	38.1	439.0	8.7	62.9 77.1
Yugoslavia Oceania	52.1	54.0 69.0	6.6 9.2	7.0 9.7	61.0	11.4 12.3	79.0 90.3
New Zealand	55.5	58.0	8.0	8.5	66.5	12.7	91.8
		. н	ARRIED FEMALES				
Born in Australia	544.1	1,059.1	25.6	56.0	1,115.1	5.0	43.1
Born outside Australia Africa	264.0 11.3	430.1 16.7	27.7	• 40.6	470.6	8.6 *	47.7 57.8
America Asia	10.1 39.0	15.6 54.9	9.7	* 12.2	17.3 67.1	* 18.2	52.0 48.8
Lebanon	*	5.9		*	4.8	*	26.1
Vietnam Europe	5.1 187.8	318.0	14.5	22.7	340.7	6.7	57.8 46.2
Germany Greece	10.3 19.3	17.5	*	*	18.5 27.6	*	43.7 53.2
Italy _	20.0	34.5	•	*	36.2	*	35.7
Halta Netherlands	5.4 5.8	8.9 13.6	•	*	9.8 14.7	*	43.1 41.7
Poland UK and Ireland	5.7 84.1	7.0 157.1	* 6.5	* • 11.4	7.9 168.5	÷ 6.7	43.8
Yugoslavia	18.9	25.6	•	*	28.5	*	61.3
Oceania New Zealand	12.9	20.4	•	*	22.3	+	54.9
			ALL FEMALES				•
Born in Australia	1,173.5	1,901.3	117.5	174.9	2,076.2	8.4	46.7
Born outside Australia Africa	405.2	612.5 24.8	51.5	69.6	682.1 26.4	10.2	47.4
America	16.4	24.1 84.6	* 15-8	* 19.5	26.7 104.1	• 18.8	54.8
Asia Lebanon	*	*	13.8	19.3	7.3	•	29.9
Vietnam Europe	9.6 274.7	10.8 433.3	27.2	39.0	15.0 472.3	* 8.3	60.5
Germany Greece	14.4 22.5	23.1 30.8	*	*	24.9 31.9	*	43.1 50.2
Italy	26.2	42.9		:	45.2	:	36.3
Malta Nétherlands	7.1	11.3 17.5		*	12.7		44.9 42.5
Poland UK and Ireland	6.9 139.3	8.8 230.7	* 14.3	* 21.5	10.0 252.1	* 8.5	36.4 46.6
Yugoslavia	23.5	30.9	÷	÷	34.9	* 12.9	55.8
Oceania New Zealand	34.0 26.8	45.8 36.4	)+2 *	*	40.8	*	58.8
			PERSONS				
Born in Austrelie	3,965.6	4,893.6	353.6	432.9	5,326.5	8.1	61.6
Born outside Australia	1,417.2 49.8	1,679.2 58.5	164.5	188.4	· 1,867.7 61.9	10.1	62.9 67.3
Africa America	46.7	56.7	5.9	6.9	63.6	10.9	66.2
Asia Lebanon	184.4	216.8	41.6	46.3	263.1 29.8	17.6	62.1 55.5
Vietnam Europe	22.7 1,036.5	25.4 1,232.5	11.1 99.5	12.0 115.4	37.4 1,347.9	32.2	68.8 61.7
Germany	55.7	66.2	÷	4.9	71.1	6.9	62.8
Greece Italy	67.0 129.8	76.2 150.8	11.2	12.2	82.4 163.0	7.5	64.6 58.7
Malta Netherlands	34.7 46.0	39.3 55.3	*	* 5.4	41.8 60.7	* 8.9	67.2 61.7
Poland	24.6	27.2	* 50.0	\$ 59.6	30.1 691.1	8.6	50.6
UK and Ireland Yugoslavia	518.2 75.6	84.9	10.0	11.0	95.9	11.5	68.6
Oceania New Zealand	99-8 82-2	114.8 94.5	14.4	16.5 12.8	131.3 107.3	12.5	75.1 75.6

(a) See the definition of the labour force participation rate in the Explanatory notes.

•

the the .

				Europe				Total			
		·		U.K.	Other	Oceania			Fenales		
Period of arrival	Africa	America	Asia	and Ireland	count- ries	New Zeeland	Total	Males	Married		Persons
				EMPLOYED	(*000)				• *		
				436.8	504.1	29.2	38.1	725.3	278.7	178 0	1,104.2
Before 1971	29.4	17.8	78.0 43.4	104.5	47.4	11.0	15.2	144.9	62.7	97.1	242.0
1971 - 1975	11.7	19.7 12.0	62.8	43.6	24.9	33.3	37.4	114.0	52.3	78.2	192.2
1976 - 1980		( 4.7	18.6	34.2	17.7	13.3	16.6	56.6	25.1	38.6	95.2
1981 - 1982 1983 to survey date	) ) 5.8	<pre></pre>	14.0	12.4	6.7	7.6	7.6	26.0	11.3	19.7	45.7
				UNEMPLOYE	0 (1000)						
	•		( 7.4	40.5	41.8		) 4.5	( 64.2	16.7	31.2	95.3
Before 1971	-		•	12.7	5.2	•	,	( 17.7	6.8	10.9	28.7
1971 - 1975		) 4.8'	( 12.1	14.7	,. <u>,</u>	5.3	6.5	15.8	6.4	10.2	26.0
1976 - 1980		· .	6.2	)			0.5	( 8.5	4.7	6.9	15.4
1981 - 1982	-		13.6	5 4.7	5.6	4.7	5.5	( 12.6	6.0	10.4	23.0
1983 to survey date	-	-	15.0	,	5.0			(	0.0		
			1	LABOUR FOR	CE (^000)	,					
Before 1971	30.6	19.4	. 85.4	477.3	546.0	30.9	40.8	789.5	295.4	410.0	1,199.5
1971 - 1975	12.0	21.4	50.5	117.2	52.7	12.1	16.9	162.6	69.5	108.0	270.6
1976 - 1980	12.7	13.5	74.9	45.3	28.0	38.6	43.9	129.8	58.7	88.4	218.2
1981 - 1982	)	( 5.2	24.7	36.6	21.3	15.3	19.2	65.1	29.8	45.5	110.6
1983 to survey date	5 6.6	ć •	27.6	14.7	8.8	10.3	10.5	38.6	17.3	30.1	68.7
			UNEM	PLOTHENT R	ATE (per	cent)					
Before 1971	•	)	( 8.7	8.5	7.7	•	) 7.7	( 8.1	5.6	7.6	7.9
1971 - 1975		) 8.8		10.9	9.9	*	5	( 10.9	9.8	10.1	. 10.6
1976 - 1980	+	5	( 16.1	*		13.8	14.8	12.2	10.8	11.5	11.9
1981 - 1982	*	· •	24.9	)				( 13.1	15.8	15.1	13.9
1983 to survey date	*	*	49.2	) 9.1	18.7	18.2	21.4	( 32.7	. 34.8	34.6	33.5
			PARTIC	IPATION RA	TR(a) (D	er cent)					
•											
Before 1971	64.8	57.6	64.7	58.8	60.0	64.0	66.3	75.3	44.3	43.2	
1971 - 1975	75.2	75.5	66.6	74.0	66.9	73.6	74.8	85.1	56.7	57.3	71.3
1976 - 1980	74.3	71.0	62.8	66.8	69.2	82.0	81.4	82.4	54.3	55.3	. 68.7
1981 - 1982	)	( 66.8	53.9	72.2	74.8	81.5 92.2	79.3 84.2	80.0 72.7	54.5 49.1	55.8 49.8	67.9 60.5
1983 to survey date	) 56.5	· · ·	54.6	65.9	57.1						

TABLE 10. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, SEPTEMBER 1984

(a) See the definition of the labour force participation rate in the Explanatory notes.

#### TABLE 11. CIVILIAN LABOUR FORCE, BY AGE, SEPTEMBER 1984

	Number	(1000)				Partici	pation rate	(per cent)		
		Females					Penales			
Age group	Males	Married	Not married	Total	Persons	Hales	Married	Not married	Total	Persons
15-64	4.375.4	1.574.9	1,160.2	2,735.1	7,110.6	84.9	48.8	62.7	53.9	69.5
15-19	392.6	10.9	356.4	367.3	759.9	59.9	48.1	58.4	58.0	59.0
20-24	597.0	157.1	325.9	483.0	1,080.0	89.8	58.7	82.5	72.9	81.4
25-34	1,208.9	475.9	230.7	706.6	1,915.5	95.6	50.3	73.4	56.0	75.8
35-44	1.020.4	523.4	117.5	640.9	1,661.4	95.0	60.1	67.8	61.4	78.4
45-54	708.6	306.7	78.6	385.2	1.093.8	90.9	50.4	56.1	51.4	71.5
55-59	295.7	75.7	35.1	110.8	406.6	77.9	27.6	35.5	29.7	54.0
60-64	152.3	25.2	16.0	41.2	193.5	45.6	10.6	13.6	11.6	28.1
65 and over	60.4	10.8	12.4	23.2	83.6	9.1	3.0	2.2	2.5	5.3
Total	4,435.8	1,585.7	1,172.6	2,758.4	7,194.2	76.3	44.2	48.7	46.0	60.9

#### TABLE 12. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, SEPTEMBER 1984 (per ceat)

	Born in Au	stralia	•	Born outsid	de Australia	
Age group	Males	Penales	Persons	Males	Females	Persons
15-64	. 85.6	54.0	69.6	86.0	54.4	70.9
15-19	62.5	59.7	61.1	57.7	52.8	55.4
20-24 25-34	3 91.9 96.4	73.3 54.7	82.6	84.8	71.8	78.4
35-44	95.7	60.3	77.9	• 94.7	64.2	80.2
45-54 55-59	91.3 78.5	51.6 29.6	71.1 53.3	91.0 78.9	51.5	73.1
60-64	43.3	11.8	26.3	52.6	11.4	33.5
65 and over	10.8	2.9	6.2	7.0	2.4	4.6
Totșl	77.5	46.7	61.6	. 77.4	47.4	62.9

(a) See the definition of the labour force participation rate in the Explanatory notes.

#### TABLE 13. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, SEPTEMBER 1984 ( ^000)

				Age	group				
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	Total
				MALES					
Full-time workers Part-time workers	234.0 72.8	480.5 39.0	1,080.6 38.4	941.6 25.5	645.4 22.6	265.1 14.4	120.4	36.5 23.3	3,804.2 254.9
Total	306.8	519.5	1,119.0	967.1	668.0	279.5	139.3	59.8	4,059.1
				MARRIED PEMA	LES				
Pull-time workers Part-time workers	7.0	111.2 32.2	241.4	241.7 249.0	156.5 139.7	38.0 35.9	8.4 16.2	* 6.6	808.1 681.0
Total	8.3	143.4	441.5	490.6	296.2	73.9	24.5	10.6	1,489.1
				ALL PENALE	s				
Full-time workers Part-time workers	186.3 108.1	349.5 81-7	423.3 231.5	322.0 274.5	208.1 159.3	62.1 44.6	18.1 22.0	9.3 13.5	1,578.7 935.1
Total	294.5	431.2	654.8	596.5	367.4	106.7	40.0	22.8	2,513.8
				PERSONS					
Full-time workers Part-time workers	420.3 180.9	830.0 120.7	1,503.9 269.8	1,263.6 300.0	853.5	327.2 59.0	138.4 40.9	45.8 36.8	5,382.9 1,190.0
Total	601.2	950.7	1,773.7	1,563.6	1,035.4	386.2	179.4	82.6	6,572.9

#### TABLE 14. HOURS WORKED BY ENPLOYED PERSONS, SEPTEMBER 1984

		Fenales			
	Hales	Harried	Not married	Total	Persons
	NUMBER EN	PLOYED ('000)			
Weekly hours worked -					
0	304.1	154.2	82.7	237.0	541.0
1-15	144.4	284.8	142.0	426.8	571.1
16-29	200.4	283.6	93.8	377.4	577.8
30-34	264.8	121.0	74.4	195.4	460.2
35-39	702.2	227.7	231.5	459.2	1,161.4
40	1,018.4	241.3	272.7	514.0 90.7	1,532.3 330.4
41-44	239.8	45.3	43.3	80.4	442.3
45-48	361.9	40.8 90.3	42.7	133.1	956.3
49 and over	823.2	90.3	42.7	133.1	930.3
Total	4,059.1	1,489.1	1,024.7	2,513.8	6,572.9
	WEEKLY I	IOURS WORKED			
Argregate weekly hours worked (million)	157.8	40.0	31.2	71.2	228.9
By full-time workers	153.8	29.9	27.8	57.7	211.5
By part-time workers	3.9	10.1	3.4	13.5	17.4
Average weekly bours worked	38.9	26.8	30.5	28.3	34.8
By full-time workers	40.4	37.0	36.1	36.6	39.3
By part-time workers	15.4	14.8	13.5	14.4	14.6
Average weekly hours worked by persons					
who worked one hour or more in the					
survey veck	42.0	29.9	33.1	31.3 40.0	38.0 42.6
By full-time workers	43.7	40.8 16.7	39.2 14.7	16.2	16.3
By part-time workers	16.7	16./	14.7	10.2	10.3

TABLE 15. EMPLOYED PERSORS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, SEPTEMBER 1984 (per cent)

	Hales			Females			
Age group	Married	Not married	Total	Nerried	Not married	Total	Persons
15-19	*	46.7	46.8	36.9	46.9	46.5	46.7
20-24	87.6	75.9	78.1	53.6	72.8	65.1	71.6
25-34	92.0	81.3	88.5	46.6	67.8	51.9	70.2
35-44 45-54	92.6	77.8 70.4	90.1 85.7	56.3 48.6	61.1 50.8	57.1 49.0	73.8 67.7
55-59	76.9	57.4	73.6	26.9	33.2 13.2	28.6 11.3	51.3 26.0
60-64 65 and over	43.0 9.5	36.5 7.8	9.0	2.9	2.2	2.5	5.2
Total	75.3	60.9	69.8	41.5	42.6	41.9	55.7

#### TABLE 16. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, SEPTEMBER 1984 ("000)

Penales \_ \_ \_ Bot Reason for working less than 35 hours Hales Married married Total Persons 181.7 77.4 6.3 9.7 21.8 550.7 215.5 19.9 18.2 42.3 91.1 22.3 369.0 138.1 18.7 11.9 32.6 69.4 18.9 Leave, holiday or flextime Own illness or injury Bad weather, plant breakdown, etc. Began or left job in the survey week Stood down, on short time, insufficient work Shift work, standard work arrangements Other reasons 100.8 80.9 40.8 36.6 8.0 9.0 12.8 960.1 658.7 162.7 138.8 301.4 Total

TABLE 17. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, SEPTEMBER 1984 (^000)

	15-19	20-24	25-34	35-44	45-54	55 and over	Total
		MALES					
Total	72.8	39.0	38.4	25.5	22.6	56.6	254.9
Preferred not to work more hours	51.2	25.7	22.5	16.6	16.4	50.1	182.5
Preferred to work more hours	21.6	13.2	15.9	9.0	6.2	6.5	72.4
Had actively looked for full-time work							
in the four weeks to the end of the survey week	12.4	7.0	9.7	4.8		5.3	39.3
•	H.	ARRIED PEMAL	ES				
Total	*	32.2	200.1	249.0	139.7	58.7	681.0
Preferred not to work more hours	•	27.1	177.8	221.2	127.4	55.7	610.1
Preferred to work more hours	*	5.1	22.3	27.7	12.3	•	70.9
Had actively looked for full-time work							
in the four weeks to the end of the	•	•		7.7	•	*	11.6
survey week	-	•	•••••	/./		•	11.0
		ALL FEMALES					
Total	108.1	81.7	231.5	274.5	159.3	80.1	935.1
Preferred not to work more hours	79.1	63.6	201.1	239.9	140.6	75.2	799.5
Preferred to work more hours	29.1	18.2	30.4	34.5.	18.6	4.9	135.6
Had actively looked for full-time work							
in the four weeks to the end of the survey week	12.9	8.2	6.0	5.5	*	•	36.0
survey veer	12.5	0.1	010	515			
		PERSONS					
Total	180.9	120.7	269.8	300.0	181.9	136.7	1,190.0
Preferred not to work more hours	130.3	89.3	223.6	256.5	157.0	125.3	982.0
Preferred to work more hours	50.7	31.4	46.2	43.5	24.9	11.4	208.1
Had actively looked for full-time work	-	•					
in the four weeks to the end of the	25.3	15.1	15.6	10.3	6.6	*	75.3
survey week							

## TABLE 18. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, SEPTEMBER 1984 (~000)

			vorked by d in the	•			Persons who did not work in the	
	1-5	6-10	11-15	16-20	21-29	30-34	survey week	Total
		MALES						
Total	33.7	52.7	28.7	35.1	41.9	42.1	20.7	254.9
Preferred not to work more hours	22.5	37.4	19.3	22.2	30.5	35.6	14.9	182.5
Preferred to work more hours Had actively looked for full-time work	11.2	15.2	9.4	12.9	11.3	6.5	5.8	72.4
in the four weeks to the end of the survey week	5.4	8.4	6.1	8.8	5.3	• .		39.3
	н/	RRIED PER	ALES					
<b>T</b> = 4 = 1	69.5	114.8	91.4	135.1	115.6	74.9	79.7	681.0
IOLEI	56.2	99.9	81.2	123.7	105.1	71.4	72.6	610.1
Preferred not to work more hours Preferred to work more hours	13.3	14.9	10.2	11.4	10.6	*	7.1	70.9
Had actively looked for full-time work	13.3	14.7						
in the four weeks to the end of the survey week		5.0 -	····		5.8 -		*	11.6
		ALL PENAL	ES					
	113.2	174.7	122.9	173.3	145.2	105.3	100.5	935.1
Total	87.0	147.2	106.5	148.9	124.0	96.5	89.3	799.5
Preferred not to work more hours Preferred to work more hours	26.2	27.5	16.4	24.5	21.2	8.8	11.1	135.6
Had actively looked for full-time work	1011	2			•			
in the four weeks to the end of the								
survey week	5.8	6.8	•	9.1	5.7	*	*	36.0
		PERSONS	5					
Total	146.9	227.3	151.6	208.4	187.1	147.4	121.2	1,190.0
Preferred not to work more hours	109.5	184.6	125.9	171.1	154.6	132.1	104.2	982.0
Preferred to work more hours Had actively looked for full-time work	37.4	42.7	25.8	37.3	32.5	15.3	17.0	208.1
in the four weeks to the end of the					10.9	6.2	4.8	75.3
survey week	11.2	15.2	9.2	17.8	10.9	D.2	4.8	/3.3

22

#### TABLE 19. UNEMPLOYED PERSONS: STATES, BY ACE, SEPTEMBER 1984 ('000)

Age group	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Australis(a)
			MALES				
15-19	27.9	19.2	17.1	9.7	7.5	3.4	85.8
20-24	25.9	16.8	14.0	7.5	8.9	3.3	77.5
25-34	34.5	17.3	16.1	8.0	8.9	3.5	89.9
35 and over	49.4	25.4	19.9	13.1	12.1	2.9	123.6
Total .	137.7	78.7	67.1	38.3	37.4	13.1	376.8
			PENALES				
	24.2	20.7	11.5	8.2	5.0	1.5	72.8
15-19	17.7	10.3	8.8	5.6	6.6	1.5	51.8
20-24	19.9	10.3	7.1	4.9	6.0	1.7	51.9
25-34 35 and over	22.7	19.7	10.7	5.2	6.7	2.1	68.0
35 and over							
Total	84.5	61.4	38.2	23.9	24 14	6.8	244.5
			PERSONS				
Looking for full-time work	<b>.</b>		. , .				
15-19	41.3	30.0	21.2	15.3	9.4	4.5	122.9
20-24	38.1	24.9	21.0	12.4	13.5	4.2	116.5
25-34	46.2	23.2	20.0	10.8	12.6	.4 . 6	119.4
35-44	32.3	14.9	13.1	6.3	9.2	1.8	77.9
45-54	20.1	11.7	8.4	5.3	4.8	1.4	51.9
55 and over	11.0	7.4	3.5	4.3	•	-	29.5
Total looking for							
full-time work	188.9	112.2	87.1	54.3	51.4	17.5	518.1
Total -							
15-19	52.1	39.9	28.6	17.9	12.5	4.9	158.6
20-24	-43.6	27.0	22.9	13.1	15.5	4.7	129.3
25-34	54.4	28.0	23.2	12.9	15.0	5.2	141.7
35-44	36.5	22.8	16.3	7.6	11.3	2.4	97.7
45-54	21.9	13.5	9.8	5.7	5.4	1.6	58.4 35.5
55 and over	13.7	8.8	4.5	۹.9	-	1.0	33.3
Total	222.2	140.1	105.3	62.1	61.8	19.8	621.3

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

#### TABLE 20. UNEMPLOYED PERSONS AGED 15-19: DUBATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, SEPTEMBER 1984

		Not attending	school	
	Attending school	Left school before 1983	Left school 1983 to survey date	Total
	NUMBE	R (1000)		
Duration of unemployment (weeks) -				
Under 4	12.1	7.9	6.7	26.7
4 and under 13	11.6	12.2	15.1	38.9
13 and under 26	•	8.8	7.1	18.9
26 and over	13.4	37.7	23.0	74.1
Total	40.2	66.6	51.9	158.6
	AVERAGE DURATION (	DF UNENPLOYMENT (wee	ka) .	
Mean duration -				
Males	18.8	47.3	24.7	33.2
Females	16.9	43.9	22.6	29.5
Persons	17.8	45.8	23.7	31.5
Looking for full-time work	19.9	46.7	23.7	35.2
Looking for part-time work	16.9	•	. •	18.7
Median duration -			· · ·	
Males	9.0	29.0	19.0	23.1
Females	7.0	30.0	17.0	17.1
Persons	8.0	29.1	17.1	19.1
Looking for full-time work	9.0	30.0	19.0	26.0
Looking for part-time work	8.0	. •	•	•

TABLE 21. UNEMPLOYED	PERSONS, BI	AGE AN	D WHETHER	LOOKING FOR	FULL-TIME	OR	PART-TIME	WORK,	SEPTEMBER 1984
----------------------	-------------	--------	-----------	-------------	-----------	----	-----------	-------	----------------

	Number unemployed ('000)					Unemploya	ent rate (	(per cent)		
	Hales		Females			Males		Females		
	Married	Total	Married	Total	Persons	Married	Total	Married	Total	Person
			LOOKING P	OR FULL-T	INE WORK					
Total	140.5	349.1	53.3	168.9	518.1	5.1	8.4	6.2	9.7	8.
Aged 15-19	*	69.1	*	53.8	122.9	*	22.8	*	22.4	22.
Looking for first job	*	29.2	*	26.2	55.4			••		
Attending school		7.4	*	5.3	12.7		n.a.	n.a.	<b>D.4</b> .	n.a
Aged 20 and over	139.6	280.0	51.0	115.1	395.2	5.1	7.3	6.0	7.6	7.
20-24	11.0	74.4	9.1	42.1	116.5	9.3	13.4	7.5	10.7	12.
Looking for first job	*	*	*	6.6	10.8			•••		
25-34	46.0	86.7	18.0	32.6	119.4	5.7	7.4	6.9	7.2	,
35-44	33.9	52.5	17.2	25.4	77.9	4.0	5.3	6.6	7.3	5.
45-54	28.1	39.8	5.5	12.1	51.9	4.7	5.8	3.4	5.5	
.55 and over	20.7	26.6		*	29.5	5.4	5.9	3.4	3.3	5.
Aged 15-64	140.2	348.8	53.1	168.7	. 517.6	5.2	8.5	6.2	9.7	5.
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<i>,</i>	0.15			
	•		LOOKING P	OR PART-T	INE WORK				•	
Total	*	27.7	43.3	75.6	103.3	*	9.8	6.0	7.5	8.
Aged 15-19	*	16.7	*	19.0	35.7	*	18.7	+	13.0	16.
Attending school	*	12.7	*	14.7	27.4	*	22.3	+	19.3	20.
ged 20 and over	•	10.9	43.1	56.6	67.5	*	5.7	6.0	6.4	6.
20-24	*	) 6.2	( 4.6	9.7	12.8	*	) 7.5	( 12.5	10.6	9.
25-34	*	)	( 16.4	19.3	22.4	*	)	( 7.6	7.7	7.
35-44	*	) 4.7 (	15.6	19.0	19.8	*	) 4.3 (	5.9	6.5	6.
45 and over	*	) (	( 6.5	8.6	12.5	*	) (	3.2	3.5	3.
ged 15-64	*	27.3	43.3	75.4	102.7	*	10.6	6.0	7.6	8
				TOTAL						
fotal	144.5	376.8	96.6	244.5	621.3	5.1	8.5	6.1	8.9	8.
lged 15-19	*	85.8	•	72.8	158.6	*	21.9	<b>*</b> *	19.8	20.
Attending school	*	20.1	*	20.0	40.2	*	29.3	•	23.9	26.
ged 20 and over(a)	143.6	291.0	94.1	171.7	462.7	5.0	7.2	6.0	7.2	- 7.
20-24	11.1	77.5	13.7	51.8	129.3	9.1	13.0	8.7	10.7	12.
25-34	47.3	89.9	34.4	51.9	141.7	5.7	7.4	7.2	7.3	
35-44	34.3	53.3	32.8	44.4	97.7	4.0	5.2	6.3	6.9	5.
45-54	28.4	40.5	10.5	17.9	58.4	4.7	5.7	3.4	4.6	5.
55-59	11.7	16.2	*	*	20.4	4.6	5.5	*		5.
60-64	10.2	12.9		+	14.1	8.0	8.5			
Aged 15-64	143.9	376.1	96.4	244.1	620.3	5.1	8.6	6.1	8.9	8.

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

#### TABLE 22. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, SEPTEMBER 1984

	Number un	employed (1000)		Unemploym	ent rate (per ce	ent) Persons 8.1 8.2 7.9 20.3			
	Hales	Females	Persons	Males	Fenales	Persons			
		BORN IN A	USTRALIA	,	•				
Total	257.9	174.9	432.9	7.9	. 8.4	8.1			
Looking for full-time work	236.1	117.5	353.6	7.8	9.1				
Looking for part-time work	21.9	57.5	79.3	9.8	7.3				
Aged 15-19	73.3	62.4	135.7	21.5	19.1	20.3			
Aged 20 and over	184.7	112.5	297.2	6.3	6.4	6.4			
20-24	61.9	40.0	102.0	12.5	10.0	11.4			
25-34	59.4	33.1	92.5	6.4	6.4	6.4			
35-44	28.2	26.1	54.3	4.1	6.0	4.9			
45-54	20.0	10.3	30.2	4.3	3.8	4.2			
55 and over	15.1	•	18.2	4.4	*	3.8			
Aged 15-64 ·	257.6	174.5	432.1	8.0	8.5	8.2			
		BORN OUTSID	E AUSTRALIA						
Total	118.8	69.6	188.4	10.0	10.2	10.1			
Looking for full-time work	113.0	51.5	164.5	10.0	11.3	10.4			
Looking for part-time work	5.8	18.1	23.9	9.6	8.0	8.4			
Aged 15-19	12.5	10.4	23.0	24.1	25.4	24.7			
Aged 20 and over	106.3	59.2	165.5	9.4	9.2	9.3			
20-24	15.5	11.8	27.3	15.4	13.9	14.7			
25-34	30.5	. 18.8	49.2	10.7	10.0	10.4			
35-44	25.1	18.3	43.4	7.5	8.9	8.0			
45-54	20.6	7.6	28.2	8.2	6.5	7.7			
55 and over	14.6	*	17.4	9.0		8.4			
Aged 15-64	118.5	69.6	188.1	10.1	10.3	10.2			

. ...

24

.

•

		Age	group					Looking fo	
Duration of unemployment (weeks)	15-19			35-54	Total(a)	Married	Not married	Full-time work	Part-tim wor
	•		NAL	L 3	- 1000 -				
	<b>.</b> .	-		•					
Juder 2 2 and under 4	5.6 7.8	7.2	.9 5.8	* 5.6	16.1 29.2	4.5 10.4	11.6 18.8	11.1 24.3	5.
4 and under 8	9.5	6.8	8.1	8.6	34.6	11.8	22.9	31.9	) 5.
8 and under 13 13 and under 26	11.8 9.1	6.9 10.9	9.5 14.3	6.2 10.9	35.8 47.7	12.4	23.4 29.6	32.9 45.6	)
26 and under 39	17.4	12.4	12.6	8.1	54.1	15.6	38.5	49.1	, 5.
39 and under 52 52 and under 65	9.0 4.9	6.2	5.5 8.2	5.9 8.9	25.8 30.3	8.4 13.4	17.4 16.8	24.8 29.4	)
65 and under 104	6.0	6.1	7.3	11.2	35.2	17.3	17.8	33.7	)
04 and over otal	4.7 85.8	14.0	15.9 89.9	24.2 93.8	67.9 376.8	32.6	35.3 232.3	66.2 349.1	) 27.
	05.0		07.7	,,,,,	- weeks -	[	232.5	349.1	27.
verage duration -									
Mean	33.2	47.0	48.4	65.7	51.1	59.9	45.6	53.0	27.
Median	23.1	26.1	28.1	43.2	. 30.1	37.2	26.1	32.2	8.
			PEN	LES					
					- '000 -				
Inder 2	6.7	4.5	6.0	6.8	25.2	13.5	11.7	11.0	. 14
2 and under 4	6.6	7.6	9.3	6.6	30.4	14.0	16.4	18.3	12
4 and under 8 8 and under 13	10.0	5.2	5.8 4.9	7.5	28.1 24.0	12.4 9.5	15.7 14.4	19.3 15.1	8
13 and under 26	9.8	7.6	7.1 5.4	* 7.5	29.0 31.4	10.9 9.9	18.1 21.5	22.5	6
26 and under 39 39 and under 52	12.5		5.4	*	14.3	*	10.8	10.6	9
52 and under 65	5.0	.8	5.0	5.8 .6	16.0 12.6	5.4	10.7 8.6	10.9	5
65 and under 104 .04 and over	5.0	8.7	6.3	11.9	33.6	13.5	20.1	27.7	5
fotal	72.8	51.8	51.9	62.3	244.5	96.6	147.9	168.9	75
					- veeks -				
verage duration -									•
Mean Nedian	- 29.5	44.9 16.1	37.7	47.9 26.0	39.7 16.1	36.7 12.0	41.7 22.1	45.5 22.1	26 8
			PER	ONS	- 1000 -				
Juder 2	12.3	7.7	8.7	11.0	- 000 -	17.9	23.4	22.1	19
2 and under 4	14.4	14.9	15.1	12.2	59.6	24.5	35.2	42.6	17
4 and under 8 8 and under 13	19.5 19.4	11.2	13.9 14.4	16.1 12.0	62.7 59.8	24.2 22.0	38.6 37.8	51.1 48.1	11
13 and under 26	18.9	18.5	21.4	15.1	76.7	29.0	47.7	68.1	8
26 and under 39 39 and under 52	29.9 15.0	17.5	18.0	15.6	85.5 40.1	25.5 11.9	60.0 28.2	71.2 35.5	14
52 and under 65	9.9	8.8	10.7	14.6	46.3	18.8	27.5	40.3	6
65 and under 104 104 and over	9.7 9.6	9.3 22.7	9.3 · 22.2	14.8 36.2	47.7 101.5	21.3 46.1	26.4 55.5	45.1 93.9	7
Totel	158.6	129.3	141.7	156.1	621.3	241.1	380.2	518.1	103
					- vecko -				
Average duration -	<b></b>	44.5	4.4 E	E0 /		FO (	44.0	50.5	27
Nean Median	31.5 19.1	46.2 26.0	44.5 22.1	58.6 34.2	46.6 26.1	50.6 26.0	26.1	29.1	

ł

•

#### TABLE 23. UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND ACE, ETC., SEPTEMBER 1984

•

#### TABLE 24. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND DURATION OF UNEMPLOYMENT, SEPTEMBER 1984 (~000)

	Duration	of unem	ployment	(weeks)							
		4 and	8 and	13 and	26 and		65 and	Total			
	Under 4					under 65			Females	Persons	
Nad worked full time for two weeks or more in the last two years	53.8	42.4	39.9	56.7	52.8	51.8	32.5	234.9	95.0	329.9	
<pre>Industry division or subdivision - Agriculture, forestry, fishing &amp; hunting Agriculture &amp; services to agriculture Hanufacturing Food, beverages and tobacco Metal products Other manufacturing Construction Wholessle and retail trade Wholessle trade Retail trade Transport and storage Finance, property &amp; business services Community services</pre>	12.2  7.4 5.5 11.3 9.1  4.6 6.7	9.7 4.8 5.5 6.2 * 9.0 4.9 6.8 5.7 	5.8 4.7 7.6 7.0 5.0 5.3	13.0  8.3 5.7 13.5  11.4  \$.0	7.0 11.8 5.9 5.6 7.3 6.5 14.1 4.6 11.6 5.2 *	13.4 	4.7 11.1 * 7.0 5.7 * 8.3 4.7 5.8 5.1	18.0 14.0 62.6 9.1 16.7 36.9 33.5 47.0 10.7 36.3 14.6 10.0 11.2	16.41 12.1 26.4 22.8 6.8 17.5	21.6 17.4 79.1 11.9 18.2 49.0 35.5 73.3 14.3 59.0 16.0 16.8 28.7	
Recreation, personal & other services Other industries	5.6	6.1	7.7	5.8	• • •		* 5.7	15.0	16.3	31.3	
Occupation group - Professional, technical, etc. Clerical Salea Farmers, fishermen, etc. Transport and communication Tradesmen, production-process workers and labourers, s.e.c. Service, sport and recreation Other occupations	9.7 5.1 4.7 * 18.9 7.2		4.6 5.8 4.8 6.6 17.7 4.8	6.9 5.6 6.2  24.4 7.1	 7.2 6.1 25.9 5.5	5.1 6.8  4.6	* 5.9 5.0 18.7 *	9.5 9.6 15.4 23.0 18.1 133.0 15.5 10.7	8.1 26.0 14.3 * *	17.6 35.6 29.7 26.6 18.9 150.2 38.3 12.8	
Other Looking for first job Looking for full-time work Other	32.5 15.4 6.3 17.1	20.3 11.4 7.0 8.9	19.9 11.3 7.0 8.6	20.0 10.4 6.9 9.6	19.4	34.6 19.6 16.0 15.0	116.8 16.8 14.8 100.0	135.9 48.1 34.8 87.9	140.9 56.3 37.3 84.6	276.9 104.4 72.1 172.5	
Stood down Total	14.6 101.0	 62.7	59.8	 76.7	•• 85•5	 86.4	 149.3	5.9 376.8	8.7 244.5	14.6 621.3	

.

į

TABLE 25. UN	EMPLOYED	PERSONS:	AGE	AND	ACTIVE	STEPS	TAKEN	то	FIND	WORK,	SEPTEMBER	1984
					(*000	))						

			Persons	Persons				
	Males	Females	Aged 15-19	Aged 20-24	Aged 25 and over	Total		
Took active steps to find work	370.8	235.9	155.4	126.8	324.6	606.7		
Wrote, phoned or applied in person to an employer	278.1	175.3	115.3	96.3	241.7	453.3		
Answered a newspaper advertisement for a job	12.5	10.5	5.6	5.6	11.8	23.0		
Checked factory or Commonwealth Employment Service noticeboards	50.4	29.1	21.3	16.5	41.7	79.4		
Been registered with the Commonwealth Employment Service	24.4	12.2	8.7	7.3	20.6	36.6		
Checked or registered with any other employment agency	•	•	•	:	:	•		
Advertised or tendered for work Contacted relatives or friends	*	7.0	*	•	6.8	10.8		
Stood down	5.9	8.7	•	*	8.8	14.6		
Total	376.8	244.5	158.6	129.3	333.4	621.3		

TABLE 26. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, SEPTEMBER 1984

	Hales			Females				
Age group	Married	Not married	Total	Married	Not married	Total	Persons	Proportion of population
				- 1000 -				- per cent -
15-19	*	262.9	263.0	11.7	253.9	265.7	528.7	41.0
20-24	4.7	63.1	67.8	110.5	69.1	179.6	247.4	18.6
25-34	21.0	34.7	55.7	470.7	83.7	554.4	610.0	24.2
35-44	31.9	21.2	53.2	347.8	55.7	403.5	456.6	21.6
45-54	46.9	24.4	71.3	302.2	61.6	363.8	435.1	28.5
55-59	61.0	22.8	83.8	198.7	63.8	262.5	346.2	46.0
60-64	145.1	36.3	181.4	212.7	101.5	314.2	495.6	71.9
65-69	171.5	43.8	215.2	166.0	110.1	276.1	491.3	91.1
70 and over	259.7	125.4	385.1	184.3	433.4	617.7	1,002.8	96.6
Total	742.0	634.5	1,376.5	2,004.6	1,232.8	.3,237-4	4,613.8	39.1

i

÷

TABLE 27. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., SEPTEMBER 1984 ('000)

	Hales			Pemales	Pemales			
	Married	Not married	Total	Married	Not married	Total	Persons	
Looking for work Took active steps to find work(s)	11.0 6.3	31.3 22.6	42.3 28.9	30.5 10.3	31.4	61.9 26.9	104.2 55.8	
Did not take active steps to find work	4.7	8.7	13.4	20.2	14.8	35.0	48.4	
Not looking for work	695.2	533.4	1,228.6	1,953.0	1,098.2	3,051.2	4,279.8	
Permanently unable to work	18.8	13.3	32.1	8 - 1	15.3	23.4	55.4	
In institutions	17.0	56.5	73.5	13.0	87.9	100.9	174.4	
Total	742.0	634.5	1,376.5	2,004.6	1,232.8	3,237.4	4,613.8	

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

27

			Females		
bour force status in -					_
August 1984	September 1984	Males	Married	Total	Persons
Employed full time	Employed full time	2,907.8	575.9	1,134.5	4,042.3
•••	Employed part time	37.4	36.8	55.0	92.4
	Unemployed	23.6	*	11.0	34.6
	Not in the labour force	17.1	16.7	22.1	39.2
Employed part time	Employed full time	46.6	41.8	62.2	108.8
	Employed part time	123.1	451.9	605.9	729.0
	Unemployed	9.9	7.1	11.8	21.7
	Not in the labour force	14.5	43.7	57.6	72.0
Unemployed	Employed full time	36.3	*	14.2	50.4
-	Employed part time	12.8	10.2	19.8	32.7
	Unemployed	209.8	32.3	99.3	309.1
	Not in the labour force	24.4	20.9	37.3	61.7
Not in the labour force	Employed full time	31.2	21.2	30.0	61.1
	Employed part time	22.9	61.0	83.8	106.7
	Unemployed .	33.3	32.6	62.9	96.1
	Not in the labour force	932.5	1,508.9	2,355.7	3,288.2
Total flows into	Employed	103.2	96.7	147.8	250.9
	Full time	114.0	67.3	106.3	220.4
	Part time	73.1	108.0	158.6	231.8
	Unemployed	66.7	42.8	85.8	152.
	Not in the labour force	55.9	81.3	117.0	172.
Total flows out of .	Employed	65.0	70.6	102.5	167.
	Full time	78.1	56.6	88.1	166.3
	Part time	70.9	92.6	131.6	202.0
	Unemployed	73.5	35.4	71.3	144.8
	Not in the labour force	87.3	114.8	176.6	263.9
Total changes of status		225.8	220.8	350.5	576.
pulation represented by the	matched sample	4,482.9	2,868.4	4,663.2	9,146.1

.

.

#### TABLE 28: ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM MATCHED RECORDS AUGUST 1984 AND SEPTEMBER 1984 (^OOO)

.

.

TABLE 29. FAMILY STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, SEPTEMBER 1984

			Labour	Not in labour		ulation aged	
	Employed	Unemployed	force	force	Males	Females	Persons
		NUMBER ("O	00)				
Nember of a family	5,394.2	487.0	5,881.1	3,554.2	4,691.7	4,743.6	9,435.3
Husband or wife	4.044.3	228.2	4.272.4	2.583.9	3,451.1	3,405.2	6.856.4
With children aged 0-14 present	2,276.3	147.4	2,423.8	937.7	1.701.7	1.659.8	3,361.4
Without children aged 0-14 present	1,768.0	80.7	1,848.7	1.646.3	1,749.5	1,745.5	3.494.9
Not-married family head	201.1	29.7	230.8	308.8	98.1	441.5	539.6
With children aged 0-14 present Without children aged 0-14 present	99.4	18.0	117.4	150.5	28.8	239.0	267.8
without children aged 0-14 present	101.8	11.7	113.5	158.3	69.3	202.5	271.8
Child(a) of family head	1,079.8	213.1	1,292.8	531.7	1.051.6	772.9	1,824.5
Other relative of family head	69.0	16.1	85.1	129.7	90.9	123.9	214.8
Not a member of a family	872.1	92.9	965.1	623.3	745.9	842.4	1.588.3
Living alone	388.5	32.1	420.7	525.5	391.3	554.9	946.2
Not living alone	483.6	60.8	544.4	97.7	354.6	287.5	642.2
Usual resident of a private dwelling							
where family status was determined Usual resident of a private dwelling	6,266.3	579.9	6.846.2	4,177.4	5,437.7	5,586.0	11,023.6
where family status was not determined	147.0	16.8	163.7	87.0	109.6	141.2	250.8
Total usual residents of private dwellings	6.413.3	596.7	7.010.0	1 744 5			
Visitors to private dwellings	46.8	7.8	54.6	4,264.5	5,547.2 51.6	5.727.2	11,274.4 115.3
Persons enumerated in non-private							
dwellings	112.8	16.8	129.6	288.7	213.5	204.8	418.3
Total	6,572.9	621.3	7,194.2	4,613.8	5,812.3	5,995.7	11,808.0
	PROP	ORTION OF TOTAL	(per cent)				
Member of a family	82.1	78.4	81.7	77.0	80.7	79.1	79.9
Husband or wife	61.5	36.7	59.4	56.0	59.4	56.8	58.1
With children aged 0-14 present	34.6	23.7	33.7	20.3	29.3	27.7	28.5
Without children aged 0-14 present	26.9	13.0	25.7	35.7	30.1	29.1	29.6
Not-married family head	3.1	4.8	3.2	6.7	1.7	7.4	4.6
With children aged 0-14 present	1.5	2.9	1.6	3.3	0.5	4.0	2.3
Without children aged 0-14 present	1.5	1.9	1.6	3.4	1.2	3.4	2.3
Child(a) of family head	16.4	34.3	18.0	11.5	18.1	12.9	15.5
Other relative of family head	1.0	2.6	1.2	2.8	1.6	2.1	1.8
Not a member of a family	13.3	15.0	13.4	13.5	12.8	14.1	13.5
Living alone	5.9	5.2	5.8	11.4	6.7	9.3	8.0
Not living alone	7.4	9.8	7.6	2.1	6.1	4.8	5.4
Usual resident of a private dwelling						•	
where family status was determined Usual resident of a private dwelling	95.3	93.3	95.2	90.5	93.6	93.2	93.4
where family status was not determined Total usual residents of private	2.2	2.7	2.3	1.9	1.9	2.4	2.1
dvellings	97.6	96.0	97.4	92.4	95.4	95.5	95.5
Visitors to private dwellings	0.7	1.3	0.8	1.3	0.9	1.1	1.0
Persons enumerated in non-private dwellings	1.7	2.7	1.8	6.3	3.7	3.4	3.5
Total	100.0	-					
	100.0	100.0	100.0	100.0	100.0	100.0	100.0
(a) Aged 15 and over.							

(a) Aged 15 and over.

30

TABLE 30. FAMILY STATUS AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a), SEPTEMBER 1984

				Unemploye	e d					
	Employed			Looking				Civilian		
	Full-	 Part-		for full-			Not in	populat- ion aged	Unemp-	Partici-
	time workers	time workers	Total	time work	Total	Labour force	labour force	15 and over	loyment rate	
	WOIKEIB	VOIREIS	local		- 1000 -					cent -
			MALES							
Member of a family	3,173.9	200.2	3,374.1	266.6	289.4	3,663.5	1,028.3	4,691.7	7.9	78.1
Husband With children aged 0-14 present Without children aged 0-14 present	2.521.2 1.512.5 1,008.7	36.1	2.623.2 1.548.5 1.074.6	133.6 84.2 49.4	85.9	2.760.8 1.634.5 1.126.4	67.2	3,451.1 1,701.7 1,749.5	5.0 5.3 4.6	80.0 96.1 64.4
Not-married family head With children aged 0-14 present Without children aged 0-14 present	54.7 17.4 37.3	*	58.5 18.7 39.8	7.7 * 4.7	8.5 * 5.1	67.0 22.1 44.9	31.1 6.7 24.4	98.1 28.8 69.3	12.6 * 11.3	68.3 76.7 64.8
Child(b) of family head	555.4	91.9	647.3	115.9	133.1	780.4	271.2	1,051.6	17.1	74.2
Other relative of family head	42.5	*	45.1	9.3	10.2	55.3	35.7	90.9	18.5	60.8
Not a member of a family	467.7	40.2	507.8	57.9	61.2	569.1	176.9	745.9	10.8	76.3
Living alone Not living alone	219.6 248.0	18.1 22.0	237.8 270.1	22.5 35.4	23.8 37.5	261.5 307.5	129.8	391.3 354.6	9.1 12.2	66 . 8 86 . 7
Total	3,641.5	240.4	3.881.9	324.5	350.6	4,232.5	1,205.1	5,437.7	8.3	77.8
			FEMALES			·				
Hember of a family	1,190.0	830.1	2,020.1	128.5	197.6	2,217.7	2,525.9	4,743.6	8.9	46.8
Wife With children aged 0-14 present Without children aged 0-14 present	767.2 310.7 456.6	653.9 417.1 236.8	1,421.1 727.8 693.3	48.9 29.2 19.7	90.5 61.5 29.0	1.511.6 789.3 722.3	1.893.6 870.5 1.023.2		6.0 7.8 4.0	44.4 47.6 41.4
Not-married family head With children aged 0-14 present Without children aged 0-14 present	90.1 44.8 45.4	52.5 35.9 16.6	142.6 80.7 61.9	12.9 7.9 5.0	21.2 14.6 6.6	163.8 95.3 68.6	277.7 143.8 133.9	441.5 239.0 202.5	13.0 15.3 9.7	37.1 39.9 33.9
Child(b) of family head	313.2	119.3	432.5	61.5	80.0	512.5	260.5	772.9	15.6	66.3
Other relative of fsmily head	19.5	4.5	23.9	5.1	5.9	29.8	94.1	123.9	19.7	24.0
Not a member of a family	301.8	62.6	364.3	28.4	31.7	396.0	446.4	842.4	8.0	47.0
Living alone Not living alone	124.3 177.5	26.5 36.1	150.8 213.5	7.5 20.9	8.3 23.4	159.1 236.9	395.8 50.6	554.9 287.5	5.2 9.9	28.7 82.4
Total	1,491.8	892.6	2.384.4	156.9	229.3	2,613.7	2,972.3	5.586.0	. 8.8	46.8
			PERSONS							
Member of a family	4,363.9	1,030.3	5,394.2	395.0	487.0	5,881.1	3,554.2	9.435.3	8.3	62.3
Husband or wife With children aged 0-14 present Without children aged 0-14 present	3,288.4 1,823.1 1,465.3	453.2	4,044.3 2,276.3 1.768.0	182.5 113.4 69.2	147.4	4,272.4 2,423.8 1.848.7	2,583.9 937.7 1,646.3		5.3 6.1 4.4	62.3 72.1 52.9
Not-married family head With children aged 0-14 present Without children aged 0-14 present	144.8 62.1 82.7	56.3 37.2 19.1	201.1 99.4 101.8	20.6 10.8 9.7	29.7 18.0 11.7	230.8 117.4 113.5	308.8 150.5 158.3	539.6 267.8 271.8	12.9 15.3 10.3	42.8 43.8 41.7
Child(b) of family head	868.6	211.2	1,079.8	177.4	213.1	1,292.8	531.7	1.824.5	16.5	70.9
Other relative of family head	62.0	7.0	69.0	14.5	16.1	85.1	129.7	214.8	18.9	39.6
Not a member of a family	769.4	102.7	872.1	86.3	92.9	965.1	623.3	1,588.3	9.6	60.8
Living alone Not living alone	343.9 425.5	44.6 58.1	388.5 483.6	30.0 56.3	32.1 60.8	420.7 544.4	525.5 97.7	946.2 642.2	7.6 11.2	44.5 84.8
Total	5,133.3	1,133.0	6,266.3	481.3	579.9	6.846.2	4,177.4	11,023.6	8.5	62.1

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory notes.
 (b) Aged 15 and over.

.

TABLE 31. ALL PAMILIES(a):	TYPE OF FAMILY, NUMBER OF	F FANILY MEMBERS AND	D EMPLOYMENT STATUS(b).	SEPTEMBER 1984
	(***	00 families)		

.

	None em	ployed		One emp	loyed			wore emp		Total		
Number of family members(c)	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
				MARR	I P.D-COUPI	.E FANILII	s					
Two	468.2	26.5	494.7	240.2	18.3	258.5	398.1	••	398.1	1,106.6	44.8	1,151.4
Three	33.7	29.2	62.9	245.3	33.8	279.1	335.1	15.7	350.8	614.1	78.8	692.8
Four	17.6	33.8	51.4	314.7	44.8	359.5	482.2	33.5	515.7	814.5	112.1	926.6
Five Six or more	6.9 4.6	16.3	23.2	171.1	22.3	193.4	237.6	27.7	265.3	415.6	66.3	481.9
Six or more	4.0	13.0	17.6	55.1	10.2	65.3	97.6	17.9	115.5	157.3	41.1	198.4
Total	531.0	118.8	649.9	1,026.4	129.5	1,155.8	1,550.6	94.8	1.645.4	3,108.0	343.1	3,451.1
				OTHER FA	MILIES WI	TH A MALE	HEAD					
Two	12.2	5.8	18.0	22.0	6.4	28.4	19.3		19.3	53.5	12.2	65.7
Three	*	*	4.8 *	8.2	*	9.6	5.7	+	8.5	16.9	6.0	22.9
Four or more		*	•	+	•	*	*	*	*	6.6	*	9.5
Total	16.2	7.8	24.0	33.4	8.9	42.3	27.5	٠	31.8	77.1	21.0	98.1
				OTHER FAM	ILIES WIT	'H A PEMAL	E HEAD					
Two	85.6	19.7	105.3	102.0	5.8	107.9	29.7		29.7	217.3	25.5	242.8
Three	49.2	9.4	58.6	33.4	6.9	40.2	24.4		( 27.8	106.9	19.7	126.6
Four	18.7	)	( 22.1	12.9	*	16.3	10.6	;		42.1	9.3	51.5
Five or more	7.6	) 5.3	( 9.5	*	*	4.6	4.5	•	6.5	16.0	4.6	20.6
Total	161.1	34.4	195.4	152.2	16.8	169.0	69.1	8.0	77.1	382.4	59.1	441.5
				OTH	ER FAMILI	ES: TOTAL						
·												
Two	97.8	25.5	123.3	124.1	12.2	136.2	49.0	. • •	49.0	270:8	37.7	308.5
Three Four	52.2 19.3	11.2	63.4 (22.8	41.6	8.3 4.5	49.9 19.6	30.1 12.8	6.3 ) 4.9	36.3	123.8	25.7	149.6
Pive	6.1	) ).2	( 7.8	)	4.5	19.0	12.0	() 4.7	( 16.4	47.2 14.0	11.6	58.8
Six or more	*	<b>*</b>	*	ý 4.8	*	5.5	4.7	÷ )	*	*	ý 5.1	
Total	177.3	42.1	219.4	185.6	25.7	211.3	96.6	12.3	108.9	459.5	80.1	539.6
					ALL FAHI	LIES						
Two	566.0	52.0	618.0	364.3	30.5	394.8	447.1			1,377.4	82.5	1,459.9
Three Four	85.9 36.9	40.4 37.3	126.3	286.9	42.1	329.0	365.1	22.0	387.1	737.9	104.5	842.4
Five	13.0	37.3	74.2	329.8 175.3	49.3	379.1 197.9	495.0 241.2	37.1 29.0	532.1 270.2	861.7 429.6	123.7	985.4
Six or more	6.6	13.2	19.8	55.7	10.7	66.4	98.7	29.0	117.7	429.6	69.5 43.1	499.1 204.0
												-04.0
Total	708.4	160.9		1,212.0		1,367.1			1,754.3			

(a) See Explanatory notes for details of exclusions to family tables.
 (b) Employment status refers to persons aged 15 and over only.
 (c) Of any age.

.

32

TABLE 32. ALL FAMILIES(a): TYPE	OF FAMILY, NUMBER OF C	CHILDREN AGED 0-14 PRESENT	IT, AND LABOUR FORCE STATUS(b), SEPTEMBER 1984
		('000 families)	

.

١

		Number of children aged 0-14 present					
	None	0ne	Two or more	Total			
NO FAHIL	Y MENBER EMPLOYED						
Married-couple families	537.2	37.5	75.2	649.9			
One or both spouses unemployed(c)	32.2	22.1	49.3	103.5			
Husband unemployed, wife unemployed Husband unemployed, wife not in the labour force	7.7 22.6	* 18.3	7.6 40.6	18.3 81.5			
Neither spouse unemployed	505.1	15.4	25.9	546.4			
Other families	69.7	74.7	75.0	219.4			
Family head unemployed	5.9	10.4	6.0	22.3			
Male head unemployed Female head unemployed	*	* * 7.9	* 5.4	6.0 16.3			
	63-8	64.3	69.1	197.2			
Family head not unemployed Hale head not in the labour force	12.6	*	*	18.0			
Female head not in the labour force	51.2	61.7	66.3	179.2			
All families	606.9	112.2	150.2	869.3			
ONE OR MORE P	AMILY MEMBERS EMPLOY	ED					
Married-couple families	386.4	230.1	539.4	1,155.8			
One or both spouses unemployed(c)	29.1	21.8	37.8	88.7			
Husband employed, wife unemployed Husband unemployed, wife employed	13.0 9.8	15.1	30.8 5.1	58.9 18.3			
Husband unemployed, wife unemployed Husband unemployed, wife not in the labour force	* 5.5	*	*	* 9.3			
Neither spouse unemployed	357.3	208.3	501.6	1,067.1			
Husband employed, wife not in the labour force Rusband not in the labour force, wife employed Husband not in the labour force, wife not in the labour fo	266-4 30.3 erce 60.5	199.8 4.6	492.8 7.2 *	959.0 42.1 66.0			
Other families	113.4	62.6	35.3	211.3			
Family head unemployed	*	•	*	5.5			
Male head unemployed Female head unemployed	*	*	*				
Family head not unemployed	109.4	61.3	35.1	205.8			
Nale head employed Female head employed	12.8	9.2 42.6	6.9 23.8	28.9 81.8			
Male head not in the labour force Female head not in the labour force	10.2	* 8.8	*	11.4			
remaid head not in the labour force All families	499.7	292.7	574.7	1,367.1			
	TOTAL						
Married-couple families	1.749.5	610.2	1,091.4	• 3,451.1			
One or both spouses unemployed(c)	72.3	47.6	89.8	209.7 67.6			
Husband employed, wife unemployed Husband unemployed, wife employed	18.1 13.3	17.4	32.1 5.6	23.8			
Husband unemployed, wife unemployed Husband unemployed, wife not in the labour force	8.6 29.8	<b>2</b> 1.2	8.1 42.7	20.3 93.6			
Neither spouse unemployed	1,677.1	562.6	1,001.7	3,241.4			
Husband employed, wife employed	648.3 408.2	273.8 260.8	445.4 519.1	1,367.5			
Husband employed, wife not in the labour force Husband not in the labour force, wife employed	41.1	6.5	8.3	55.9			
Husband not in the labour force, wife not in the labour fo	orce 579.5	21.4	29.0	629.9			
Other families	271.8	152.6	115.2	539.6			
Family head unemployed	11.7	11-7	6.3 *	29.7			
Male head unemployed Female head unemployed	6.6	8.9	5.7	21.2			
Family head not unemployed.	260.1	140.9	109.0	509.9			
Hale head employed Female head employed	39.8 61.9	11.0 53.8	7.7 26.9	58.5 142.6			
Hale head not in the labour force	24-4	72.6	71.2	31.1			
Female head not in the labour force	133.9						
All families	2,021.2	762.8	1,206.7	3,990.7			

٠

•

(a) See Explanatory notes for 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.

#### **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 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

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 oninformation 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 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 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.

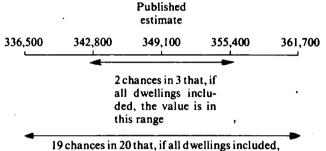
5. The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be 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, estimates below the levels shown in Table C, and percentages based on such estimates, have not been included but are indicated with a '\*'. 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 publication 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. 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 B by 1.4. Standard errors of all *annual* movements can be obtained by multiplying the figures in 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:

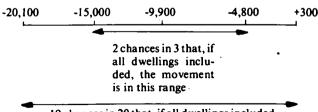
(a) From Table A it will be seen that the estimate of 349,100 unemployed males looking for full-time work in September 1984 has a standard error of about 6,300. Therefore there are about two chances in three that the number that would have been obtained if all dwellings had been included in the survey would have been within the range 342,800 to 355,400 and about nineteen chances in twenty that it would have been within the range 336,500 to 361,700.



the value is in this range

(b) The estimate of movement in the number of unemployed males looking for full-time work from August to September 1984 is a decrease of 9,900. 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 August 1984 estimate (359,000) is the larger. From Table B it will be seen that the standard error of the monthly movement is about 5,100. 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 -15,000 to -4,800 and about nineteen chances in twenty that it would have been within the range -20,100 to +300.

Estimated movement



19 chances in 20 that, if all dwellings included, the movement is in this range

0

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

Publication cut-off points for these and other labour force estimates (see paragraph 6) are shown in Table C on the next page. 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 September 1984 the estimate of median duration of unemployment for unemployed males was 30.1 weeks (from Table 23) and the number unemployed was estimated as 376,800. From Table A it can be estimated that this figure (376,800) has a standard error of about 6,500 and therefore a relative standard error of about 1.7 per cent. The *relative standard error* of the estimate of median duration of unemployment is calculated by multiplying this figure (1.7) by the appropriate factor shown in the previous paragraph (in this case 2.0):  $1.7 \times 2.0 = 3.4$  per cent. The *standard error* of this estimate of median duration of unemployment is therefore 3.4 per cent of 30.1, i.e. 1.0. 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 29.1 to 31.1 weeks and about nineteen chances in twenty that it would have been within the range 28.1 to 32.1 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 errors 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 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

alia	Austro	A.C.T.	N. T.	Tas.	W.A.	<b>S.A</b> .	Qld	Vic.	N. S. W.	Size of estimate		
per cent estimate					·	— number						
				250						1,000		
				300						1,500		
			440	330						1,800		
		440	470	340						2,000		
		480	510	380	540	510				2,500		
		510	550	410	590	550				3,000		
	*	540	590	430	630	590	740			3,500		
		560	620	460	660	620	780			4,000		
21.6	970	590	650	480	700	650	820	1,000	1,000	4,500		
20.0	1,000	610	680	500	730	680	860	1,100	1,100	5,000		
18.0	1,100	650	740	530	790	730	930	1,200	1,200	6,000		
14.0	1,400	750	910	640	970	900	1,200	1,400	1,500	10,000		
10.0	2,000	910	1,200	810	1,300	1,200	1,500	1,900	2,000	20,000		
5.8	2,900	1,100	1,700	1,100	1,700	1,600	2,200	2,700	3,000	50,000		
3.9	3,900	1,300		1,300	2,200	2,100	2,800	3,500	3,900	100,000		
2.6	5,100			1,500	2,700	2,600	3,600	4,400	5,000	200,000		
2.0	6,000				3,000	2,900	4,100	5,000	5,800	300,000		
1.4	7,200				3,500	3,300	4,800	5,800	6,900	500,000		
0.9	9,100						5,900	7,000	8,500	1,000,000		
0.6	11,000							8,400	10,000	2,000,000		
0.3	15,000							•		5,000,000		

Size of larger estimate	N. S. W.	Vic.	Qld	S.A.	W.A.	Tas.	N. T.	A. C. T.	Australia
1,000						210			1.
1,500						250	<del></del>		
1,800						260	370	_	
2,000					_	270	380	370	
2,500				490	520	290	420	390	
3,000				520	560	310	460	410	
3,500			730	540	590	330	490	430	
4,000			760	570	610	340	520	450	
4,500	1,100	1,100	790	590	640	360	550	460	1,100
5,000	1,100	1,100	820	610	660	370	570	480	1,200
6,000	1,200	1,200	880	650	700	390	620	500	1,200
10,000	1,400	1,400	1,000	760	830	460	760	570	1,500
20,000	1,800	1,700	1,300	<sup>'</sup> 930	1,000	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	1,600	810		880	3,400
200,000	3,900	3,300	2,500	1,700	1,900	920			4,300
300,000	4,400	3,700	2,800	1,900	2,100				4,900
500,000	5,100	4,200	3,200	2,100	2,300				5,700
1,000,000	6,100	4,900	3,800	-,	-,				6,800
	7,200	5,600	5,500						8,200
2,000,000 5,000,000	7,200	5,500							10,000

TABLE B. STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS

#### TABLE C. PUBLICATION CUT-OFF POINTS FOR LABOUR FORCE ESTIMATES(a)

	N. S. W.	Vic.	Qld	<b>S.A</b> .	<i>W.A</i> .	Tas.	N. T.	A.C.T.	Aust.
Estimates classified by-									
Aggregate hours worked	5,400	5,400	4,200	3,000	3,000	1,200	2,200	2,400	5,400
Average hours worked	2,300	2,300	1,800	1,300	1,300	500	900	1,000	2,300
Average (mean) duration of	·								
unemployment	6,800	6,800	5,300	3,800	3,800	1,500	2,700	3,000	6,800
Median duration of unemployment	9,000	9,000	7.000	5.000	5,000	2,000	3,600	4,000	9,000
All other estimates	4,500	4,500	3,500	2,500	2,500	1,000	1,800	2,000	4,500

(a) See paragraphs 6 and 9, pages 33 and 34.

#### 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.

#### Title of Publication

Title of Publication	Catalogue No.
Alternative Working Arrangements, Australia, March-May 1982	6341.0
Annual and Long Service Leave Taken, Australia, May 1983 to April 1984, Preliminary	6331.0
Assisted and Unassisted Migrants, August 1972; March 1980	3406.0
Career Paths of Persons with Trade Qualifications, Australia, September to November 1982	6243.0
Characteristics of Migrants Aged 18 Years and Over at Time of Arrival and who Arrived After 1960,	
Australia, March 1984, Preliminary	6249.0
Child Care—May 1969, 1973, 1977; June 1980	4402.0
Educational Experience and Intentions Survey, Australia, 1979	4212.0
Employed Married Women in the Labour Force, November 1979 (Queensland)	6203.3
Employment Benefits, February-May 1979, August 1983	6334.0
Preliminary, August 1984	6332.0
Employment Status of Teenagers, August 1978(a)	6234.0
Evening and Night Work, November 1976	6329.0
Frequency of Pay, August 1974, 1976 and 1977	6320.0
Income and Housing Survey, 1981-82—	
Income of Individuals	6502.0
Income Distribution, Australia: Income Units	6523.0
Job Tenure. Annually. Latest issue August 1976	6211.0
Journey to Work and Journey to School, May 1970; August 1974	9205.0
Labour Force Experience. Annually. Latest issue February 1983	6206.0
Preliminary, February 1984	6205.0
Labour Force Status and Educational Attainment, Australia. Annually. Latest issue February 1984	6235.0
Labour Force Status and Other Characteristics of Families. Annually. Latest issue July 1982	6224.0
Labour Mobility. Annually. Latest issue February 1983	6209.0
Preliminary, February 1984	6208.0
Methods of Obtaining Jobs, July 1982	6245.0
Migrants in the Labour Force, 1972 to 1976(a)	6230.0
Multiple Jobholding. Two-yearly. Latest issue August 1983	6216.0
Persons Retired from Full-time Work, Australia, September 1983	6238.0
Persons Aged 15 to 64 Years: Employment Status and Period Since Leaving School, May 1976	6225.0
Persons Not in the Labour Force, Australia. Twice-yearly. Latest issue March 1984	6220.0
Persons Looking for Work, Characteristics of. Annually. Latest issue July 1983	6222.0
Post School Qualifications of Tradesmen and Other Employed Persons, New South Wales, November 1979	6202.1
School Leavers, 1970 to 1974: Their Employment Status and Education Experience in May 1975	6226.0
Superannuation, Australia, February 1974; September to November 1982	6319.0
Survey of Persons Registered with the CES as Unemployed, March 1977	6229.0
The Labour Force: Country of Birth and Period of Residence, February 1972	6207.0
Trade Union Members, November 1976, March-May 1982	6325.0
Transition From Education to Work (Including leavers from schools, universities, and other educational	(222.0
institutions). Annually. Latest issue May 1983	6227.0
Preliminary, May 1984	6241.0
Weekly Earnings of Employees (Distribution). Annually. Latest issue August 1983	6310.0
Work Patterns of Employees, November 1976	6328.0
Working Conditions, February-May 1979	6335.0
Working Hours Arrangements, Australia, February-May 1981	6338.0
Supplementary Tables	6339.0

(a) Estimates derived from labour force surveys. For more recent estimates, see the relevant tables in this publication.

Commonwealth of Australia 1984