



LABOUR FORCE

AUSTRALIA

EMBARGO: 11:30AM (CANBERRA TIME) FRI 29 JAN 1999

CONTENTS

	<i>page</i>
Notes	2
 FEATURE ARTICLE	
Trends in the Australian Labour Market: 1998	3
 SUMMARY OF FINDINGS	
Labour market in brief	7
Selected labour force series	8
 TABLES	
List of tables	12
Civilian population aged 15 and over	13
Employed persons	29
Unemployed persons	32
Persons not in the labour force	38
Gross flows	38
Relationship in household	39
All families	41
 ADDITIONAL INFORMATION	
Explanatory notes	43
Technical notes	55
Glossary	61

- For further information about these and related statistics, contact any ABS Office as shown on the back of this publication.

N O T E S

FORTHCOMING ISSUES

Issue	Release Date
January 1999	26 February 1999
February 1999	26 March 1999
March 1999	30 April 1999
April 1999	28 May 1999
May 1999	25 June 1999
June 1999	30 July 1999

STATE INQUIRIES

For further inquiries about labour force data, contact Labour Force Inquiries in State ABS offices, Sydney (02) 9268 4493, Melbourne (03) 9615 7677, Brisbane (07) 3222 6351, Perth (08) 9360 5380, Adelaide (08) 8237 7365, Hobart (03) 6220 5841, Darwin (08) 8943 2150, Canberra (02) 6207 0283.

W. M c L e n n a n
A u s t r a l i a n S t a t i s t i c i a n

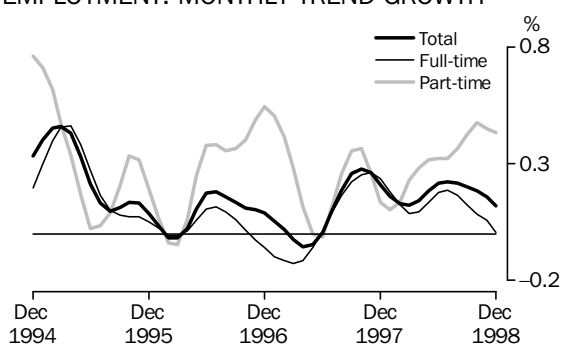
TRENDS IN THE AUSTRALIAN LABOUR MARKET: 1998

The Australian labour market continued to strengthen during 1998, following the turnaround in mid-1997, with trend employment levels rising steadily and unemployment levels falling. The recovery in participation rates from late 1997 began to decline late in 1998. By the year's end, most States reflected these national trends.

EMPLOYMENT

Australia During 1998, trend estimates of employment rose steadily with positive growth experienced in each month. By December 1998, trend employment stood at 8,681,000, 2.1% above the December 1997 level. This reflected the steady growth in the trend estimates for both males and females, although growth in the trend for males was slower in the first half of 1998. In contrast, employment trend growth for females slowed in the second half of the year.

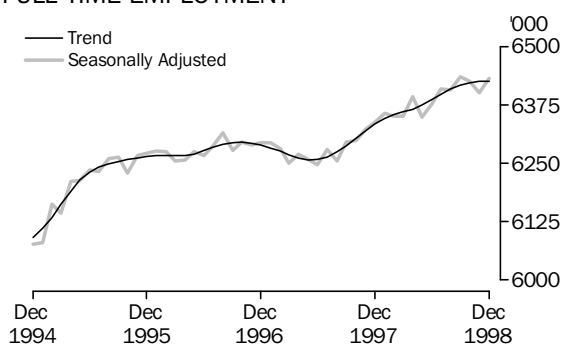
EMPLOYMENT: MONTHLY TREND GROWTH



Source: Table 3

Growth in the trend estimate of full-time employment slowed towards the year's end to stand at 6,426,400 persons in December, an increase of 1.4% for the year. This compared with a rise of 0.7% during 1997 and 0.4% during 1996. For males, full-time employment followed similar trends. While female full-time employment continued growing in 1998, growth flattened in the last part of the year.

FULL-TIME EMPLOYMENT

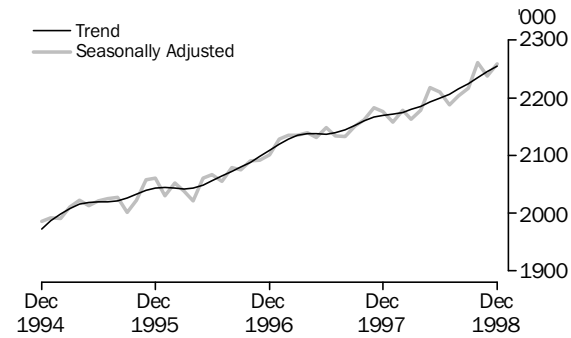


Source: Table 3

In trend terms, the growth in part-time employment was strong throughout 1998. Over the year, the trend estimate increased by 3.9%, compared to 2.8% in 1997.

Part-time employment growth for both males and females continued throughout the year. However, female part-time employment slowed from July, at which time growth in male part-time employment began to increase. In December, male and female trend part-time employment estimates stood at 615,100 and 1,639,400 respectively.

PART-TIME EMPLOYMENT



Source: Table 3

States and Territories Trend employment increased in the year to December 1998 in all Australian States except Tasmania, which finished slightly lower. Queensland and Western Australia again recorded the strongest growth over the year, at 2.9% and 2.7%, respectively. The annual employment trend growth was 2.1% in New South Wales, 1.7% in Victoria and 0.6% in South Australia. In the Northern Territory and the Australian Capital Territory, trend employment in the year to December 1998 increased by 6.8% and 0.8%, respectively.

Industry In trend terms, employment increased in Construction, in Electricity, gas and water supply, in Retail trade, in Accommodation, cafes and restaurants, in Communication services, in Finance and insurance, in Property and business services and in Education.

Employment remained relatively flat in Mining, in Wholesale trade, in Transport and storage, in Health and community services, in Cultural and recreational services and in Personal and other services.

In Agriculture, forestry and fishing, in Manufacturing and in Government administration and defence, employment levels fell during the year, by 5.6%, 3.6% and 1.7%, respectively.

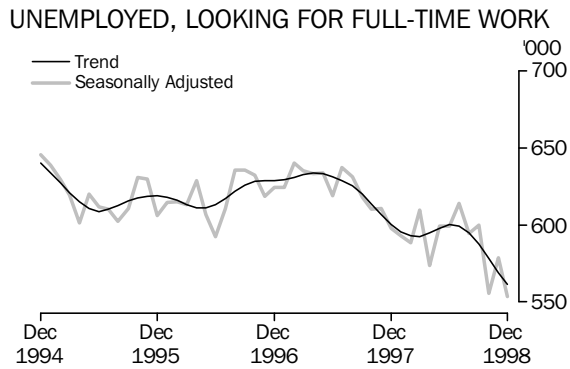
The largest absolute increase in employment occurred in Property and business services, a rise of 54,600 (6.2%) in the year to November 1998. Construction grew at the fastest rate, 8.1% or 47,700.

UNEMPLOYMENT

Australia Having declined by 0.4 percentage points during the second half of 1997, the unemployment rate trend continued to fall for most of 1998. By December 1998, the unemployment rate was 7.7%, compared with 8.2% the year before. After remaining relatively flat for most of 1997, the male unemployment rate continued to decline from mid-1998, to stand at 7.9% in December, compared with 8.5% the year before. The female unemployment rate fell steadily throughout the year, reaching 7.5% by December, compared to 8.0% the previous year.

Though steady between April and June 1998, the trend estimate of unemployment has generally been falling since May 1997. The trend stood at 722,800 in December 1998, a fall of 5.4% during the year. This compared to a fall of 4.1% during 1997.

While trend unemployment has been in decline, the proportion of persons seeking full-time work has also been falling, as has the trend level. By December, the trend estimate had fallen to 561,300, 6.5% below the level of December 1997. Unemployed males looking for full-time work decreased by 5.5% over 1998, and females looking for full-time work decreased by 8.4%. This compares to 4.7% for males and 4.3% for females over 1997.

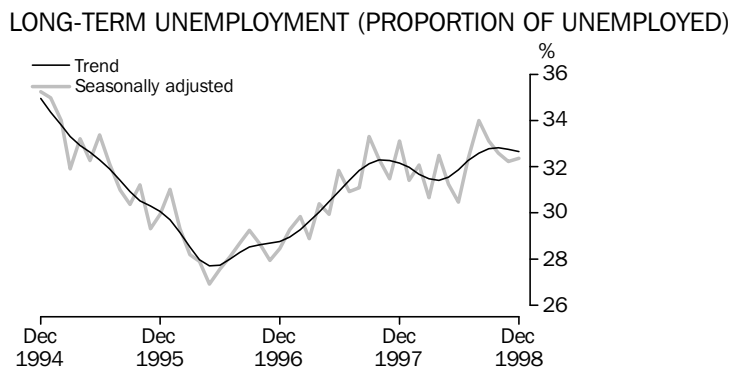


Source: Table 3

After a record high of 168,400 in July 1996, the trend estimate of the unemployed seeking part-time work fell to 158,800 in March 1998. Though variable since, the trend estimate stood at 161,500 in December 1998, 1.3% lower than in December 1997. In trend terms, 55,900 males and 105,600 females were looking for part-time work in December 1998. For males, the trend estimate fell by 9.4% over the year, and for females it rose by 3.5%.

Long-term unemployment

While trend estimates for the long-term unemployed generally fell slowly over 1998, their proportion of total unemployment generally increased, reaching 32.7% in December 1998. This represented 236,200 persons unemployed for 12 months or more in trend terms.



Source: Table 26

Teenage unemployment

Steady during the first half of 1998, the falling trend for unemployed teenagers seeking full-time work resumed from July, declining steadily to 79,000 in December 1998 (8.3% lower than the year before and 16.1% lower than the December 1996 level). As a result, the teenage full-time unemployment to population ratio fell by 0.6 percentage points during 1998, reaching 6.0% by December. The teenage full-time unemployment rate fell by 1.8 percentage points to 26.1%.

States and Territories

Despite periods of increase, trend unemployment levels and rates fell in the year to December in all States and Territories except Western Australia.

The trend unemployment level fell from mid-year in New South Wales and Victoria, while in Queensland and Western Australia the trend level increased until September. In South Australia, the trend fell from August at a rate not seen since 1995. During 1998, trend unemployment fell by 6.2% in New South Wales, by 8.1% in Victoria, by 5.0% in Queensland, by 4.6% in South Australia and by 10.7% in Tasmania. Over the same period, the unemployment trend increased in Western Australia by 4.9%.

By December, rates in all States were falling. Western Australia was the only State to record an annual increase in its trend unemployment rate. In December, in trend terms, New South Wales and Western Australia had the lowest unemployment rates, both at 7.1%, while Tasmania had the highest at 10.1%. In December 1998, Victoria's unemployment rate was at an eight year low. Over the year, Tasmania, Victoria and Queensland experienced the greatest improvement in trend unemployment rate, which fell by 1.1, 0.7 and 0.7 percentage points respectively.

In both the Australian Capital Territory and the Northern Territory, the trend unemployment level and rate were falling by the year's end.

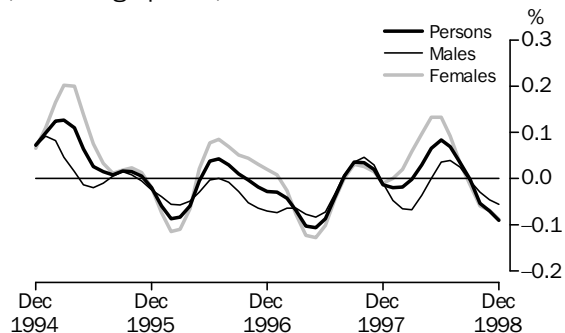
PARTICIPATION RATES

The trend labour force participation rate rose during early 1998, to a four month peak of 63.4% from July, before declining to 63.2% by December 1998.

The general fall in the participation rate trend for males continued during 1998. The December 1998 rate of 72.9% was 0.2 percentage points lower than the year before.

Female participation rates rose from mid-1997 to mid-1998, close to the range of movement experienced since 1995, between 53.5% to 54.0%. The rate was 53.9% in December 1998, 0.3 percentage points higher than the December 1997 rate.

**PARTICIPATION RATE: MONTHLY TREND GROWTH
(Percentage points)**



Source: Table 3

CHANGES TO THE SURVEY

Following each Census of Population and Housing, the ABS selects a new sample for the Labour Force Survey. The new sample was phased in over the period September 1997 to April 1998, with one eighth of the new sample being introduced each month. In remote areas, all of the new sample was introduced in one month. Further information about the redesign is provided in *Information Paper: Labour Force Sample Design* (Cat. no. 6269.0).

DATA AVAILABILITY

The ABS has a wide range of unpublished data related to the Australian labour market. These data are available in the form of microfiche, floppy disk and customised reports. In general, a charge is made for providing unpublished information. Inquiries should be made to Michael Sleep on Canberra (02) 6252 6525, email m.sleep@abs.gov.au or contact any ABS office.

LABOUR MARKET IN BRIEF

TREND ESTIMATES

The trend estimate of employed persons has been rising steadily since June 1997, reaching 8,681,000 in December 1998. Growth in full-time employment has slowed in recent months, reaching 6,426,400, while part-time employment has continued to increase steadily, reaching 2,254,600. The trend estimate of unemployment has been falling since July 1998, to stand at 722,800 in December 1998. The unemployment rate has fallen to 7.7%, with the male rate falling to 7.9% and the female rate remaining steady at 7.5%. The trend participation rate fell to 63.2%. The male rate remained at 72.9% and the female rate fell to 53.9%.

EMPLOYMENT

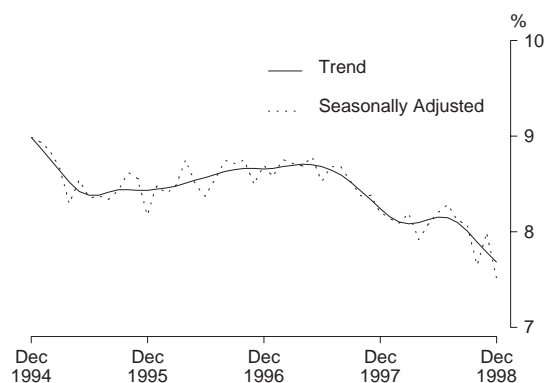
The seasonally adjusted estimate of employment rose by 53,600 to 8,691,500 in December 1998. Full-time employment rose by 31,700 to 6,432,800, with a rise in female full-time employment of 35,900 to 2,143,900. Part-time employment rose by 21,900 to 2,258,700, with female part-time employment rising by 12,500.

UNEMPLOYMENT

The seasonally adjusted estimate of unemployment fell by 44,300 to 706,500 in December 1998, with the number of unemployed males falling by 18,000 to 413,900 and the number of unemployed females falling by 26,200 to 292,700. The number of unemployed persons seeking full-time work fell by 25,200 to 553,500, and the number of unemployed persons seeking part-time work fell by 19,100 to 153,000.

UNEMPLOYMENT RATE

In December 1998, the seasonally adjusted unemployment rate fell by 0.5 percentage points to 7.5%. The male unemployment rate fell by 0.3 percentage points to 7.8%, and the female unemployment rate fell by 0.7 percentage points to 7.2%.



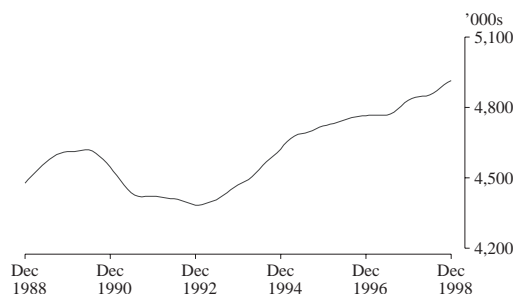
PARTICIPATION RATE

The seasonally adjusted labour force participation rate remained at 63.2% in December 1998. The male participation rate fell by 0.3 percentage points to 72.7% and the female participation rate rose by 0.2 percentage points to 54.0%.

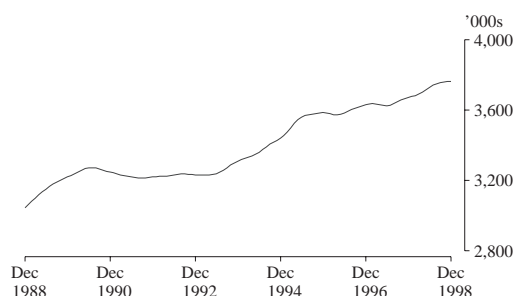
PRINCIPAL LABOUR FORCE SERIES

EMPLOYED PERSONS: TREND SERIES

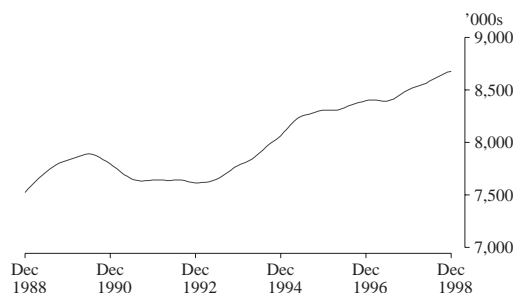
Males From a low of 4,383,700 in January 1993, the trend estimate of employed males rose strongly until mid 1995. Growth in the trend then slowed until February 1997. After a small fall, the trend continued to increase steadily, reaching 4,915,100 in December 1998.



Females Apart from two short periods of decline, the trend estimate of female employment has been increasing steadily since January 1993. Growth in the trend was strongest between mid 1993 and mid 1995. The trend estimate has risen steadily since June 1997, and stood at 3,765,900 in December 1998.

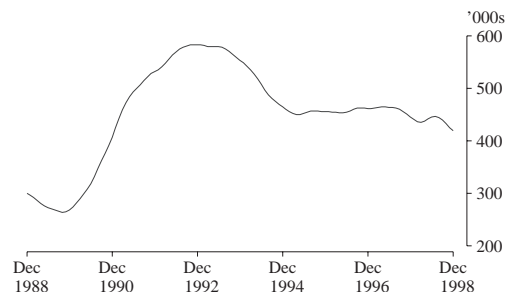


Persons From a peak of 7,893,900 in June 1990, the trend estimate of employed persons fell to 7,616,000 in January 1993. Growth in the trend estimate increased rapidly until mid 1995, before slowing over the next two years. Since this time, the trend estimate has generally increased, reaching 8,681,000 in December 1998.

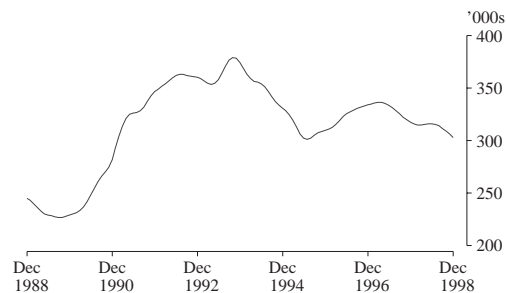


UNEMPLOYED PERSONS:
TREND SERIES

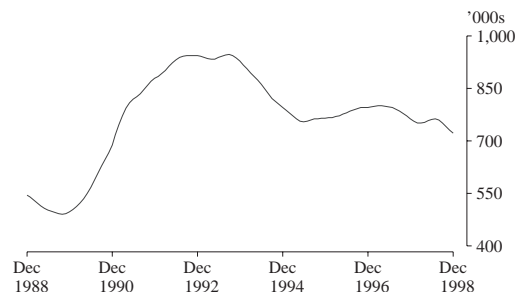
Males From a peak of 584,000 in late 1992, the trend estimate of male unemployment fell to 450,800 in May 1995. After remaining relatively steady for the next two years, the trend fell to 436,100 in March 1998, before increasing to 447,500 in July 1998. The trend estimate has since fallen, to stand at 419,500 in December 1998.



Females From a high of 379,400 in October 1993, the trend estimate of female unemployment fell rapidly to 301,400 in July 1995. The trend then rose strongly to 336,600 in March 1997, before falling to 315,200 in February 1998. After rising for the next four months, the trend estimate fell to 303,300 in December 1998.

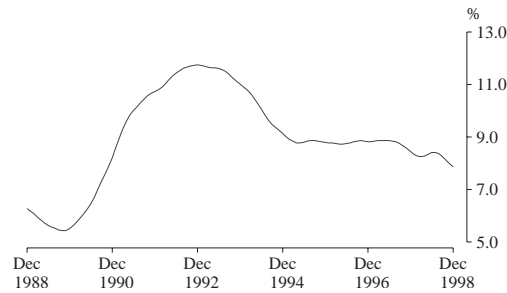


Persons The trend estimate of unemployed persons peaked at 947,800 in September 1993, before falling to 755,200 in June 1995. The trend estimate then rose slowly, reaching 801,400 in April 1997. It then fell to 751,300 in March 1998, before rising slightly over the next four months. The trend has since resumed falling and stood at 722,800 in December 1998.

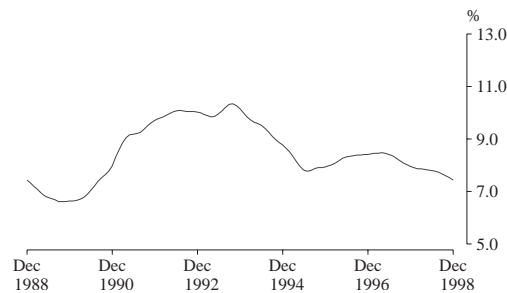


UNEMPLOYMENT RATE:
TREND SERIES

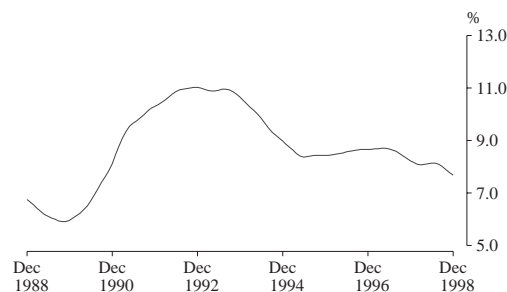
Males The male trend unemployment rate peaked at 11.8% in December 1992, before falling rapidly to 8.8% in March 1995. After remaining relatively flat until July 1997, the trend rate fell to 8.3% in early 1998. It then rose to 8.4% in July 1998, and has since fallen to 7.9% in December 1998.



Females From a high of 10.3% in late 1993, the trend unemployment rate for females fell sharply to 7.8% in July 1995. After rising gradually to reach 8.5% in early 1997, the trend rate has fallen over the last 20 months to stand at 7.5% in December 1998.

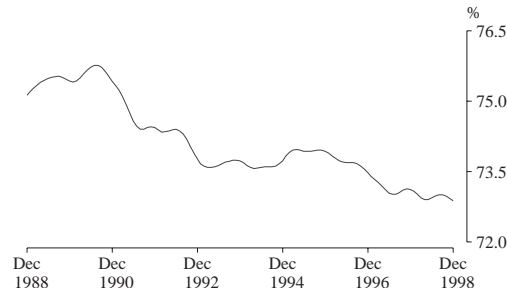


Persons The trend unemployment rate fell steeply from 11.0% in August 1993, to 8.4% in June 1995. The trend then rose slowly, reaching 8.7% in September 1996, remaining at this level until June 1997. The trend rate then fell to 8.1% in early 1998, before rising slightly to 8.2% in June 1998. It has since resumed falling and stood at 7.7% in December 1998.

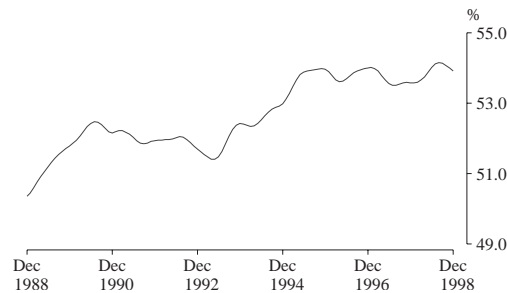


PARTICIPATION RATE:
TREND SERIES

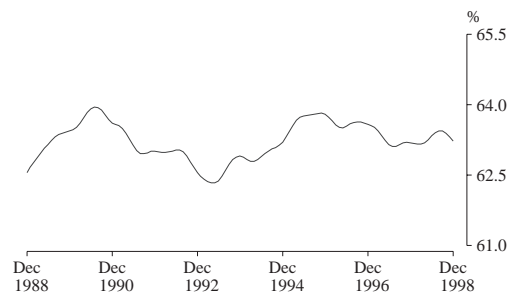
Males The trend participation rate for males has generally been declining since September 1989, when it stood at 75.5%. After falling from 73.6% in May 1994 to 73.0% in mid 1997, the trend has remained relatively steady, to stand at 72.9% in December 1998.



Females The trend estimate of the female participation rate has generally increased from June 1993, reaching 54.0% in November 1995, and subsequently rising to 54.2% in August 1998. The rate stood at 53.9% in December 1998.



Persons From a peak of 64.0% in July 1990, the trend estimate of the participation rate fell to a low of 62.3% in April 1993. The trend rate then gradually rose to 63.8% in late 1995, before slowly declining to 63.1% in July 1997. After rising to 63.4% in August 1998, the trend rate has since fallen to 63.2% in December 1998.



LIST OF TABLES

Civilian population aged 15 and over		
1	Original series, Australia	13
2	Seasonally adjusted series, Australia	15
3	Trend series, Australia	16
4	Marital status	17
5	State and Territories	17
6	State capital cities	18
7	Australian Capital Territory	18
8	Seasonally adjusted series, States	19
9	Trend series, States and Territories	22
10	Age	26
11	Aged 15 to 19 (single years)	26
12	Aged 20 to 24 (single years)	27
13	Participation rates	27
14	Birthplace	28
15	Born outside Australia	29
Employed persons		
16	Full-time and part-time workers	29
17	Hours worked	30
18	Employment/population ratios	30
19	Full-time workers who worked less than 35 hours	30
20	Part-time workers, whether preferred to work more hours by age	31
21	Part-time workers, whether preferred to work more hours by hours worked	31
Unemployed persons		
22	States, by age	32
23	Aged 15 to 19: duration of unemployment and school attendance	32
24	Age and whether looking for full-time or part-time work	33
25	Birthplace	33
26	Long-term unemployment	34
27	Duration of unemployment	35
28	Industry and occupation of last full-time job and duration of unemployment	36
29	Reason for leaving last full-time job	37
30	Unemployed persons who had worked full time for 2 weeks or more in the last 2 years: Reason for ceasing last full-time job	37
Persons not in the labour force		
31	Age and marital status	38
32	Whether looking for work, etc.	38
Gross flows		
33	Estimates of labour force status and gross changes (flows) derived from matched records, November 1998 and December 1998	38
Relationship in household		
34	Summary table	39
35	Labour force status	40
All families		
36	Number of family members, and labour force status	41
37	Number of children under 15 present, number of dependants present and labour force status	42

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

Month	Unemployed											
	Employed			Looking for full-time work				Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate - per cent -	Participation rate
	Full-time workers	Part-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work - '000 -	Total					
	MALES											
1997 —												
October	4,234.5	577.3	4,811.8	24.5	370.2	56.5	426.7	5,238.5	1,961.2	7,199.7	8.1	72.8
November	4,238.8	582.6	4,821.4	23.2	378.3	59.0	437.2	5,258.7	1,950.6	7,209.3	8.3	72.9
December	4,309.7	586.8	4,896.5	35.1	380.0	66.5	446.5	5,343.0	1,875.9	7,218.9	8.4	74.0
1998 —												
January	4,270.0	541.9	4,811.9	37.3	417.8	59.9	477.8	5,289.7	1,936.9	7,226.6	9.0	73.2
February	4,261.2	554.5	4,815.7	30.7	412.9	70.0	482.9	5,298.7	1,935.6	7,234.3	9.1	73.2
March	4,246.0	587.4	4,833.4	27.2	396.2	63.3	459.5	5,292.9	1,949.1	7,242.0	8.7	73.1
April	4,268.7	587.1	4,855.8	24.3	359.0	59.2	418.2	5,274.0	1,976.4	7,250.4	7.9	72.7
May	4,249.0	598.8	4,847.8	28.8	377.4	56.1	433.5	5,281.3	1,977.6	7,258.9	8.2	72.8
June	4,254.4	606.5	4,860.9	28.1	381.3	50.9	432.2	5,293.1	1,974.3	7,267.4	8.2	72.8
July	4,298.1	575.3	4,873.4	25.2	382.2	50.5	432.7	5,306.1	1,969.2	7,275.3	8.2	72.9
August	4,230.1	582.5	4,812.6	23.3	378.7	58.6	437.2	5,249.8	2,033.4	7,283.2	8.3	72.1
September	4,319.9	609.1	4,929.0	23.4	386.5	58.9	445.4	5,374.4	1,916.8	7,291.2	8.3	73.7
October	4,307.8	608.6	4,916.4	22.3	342.7	53.8	396.6	5,313.0	1,989.7	7,302.7	7.5	72.8
November	4,284.9	610.3	4,895.2	21.6	361.2	51.7	412.9	5,308.1	2,006.0	7,314.2	7.8	72.6
December	4,351.1	620.6	4,971.7	32.8	356.8	57.3	414.1	5,385.8	1,939.8	7,325.7	7.7	73.5
Standard error of —												
December 1998 estimates	20.1	9.8	21.0	2.8	7.9	3.6	8.4	21.6	15.1	..	0.2	0.3
Nov 98 to Dec 98 movements	15.3	7.4	16.1	2.5	6.0	3.0	6.3	16.6	11.4	..	0.1	0.2
	MARRIED FEMALES											
1997 —												
October	1,194.3	1,027.6	2,221.9	* 1.4	75.5	38.3	113.9	2,335.8	1,922.8	4,258.6	4.9	54.8
November	1,212.6	1,035.9	2,248.5	* 1.4	74.0	34.7	108.7	2,357.2	1,899.0	4,256.3	4.6	55.4
December	1,223.9	1,006.7	2,230.6	* 1.2	70.3	30.0	100.3	2,330.9	1,942.2	4,273.1	4.3	54.5
1998 —												
January	1,194.1	954.2	2,148.2	* 0.6	77.5	32.0	109.5	2,257.7	2,027.2	4,284.9	4.8	52.7
February	1,196.2	1,018.4	2,214.6	* 0.5	90.3	42.2	132.6	2,347.1	1,942.3	4,289.4	5.6	54.7
March	1,187.3	1,052.0	2,239.2	* 0.4	79.0	38.8	117.8	2,357.0	1,912.6	4,269.6	5.0	55.2
April	1,199.6	1,051.3	2,250.9	* 1.0	75.7	39.1	114.7	2,365.6	1,902.5	4,268.1	4.8	55.4
May	1,197.0	1,054.8	2,251.8	* 0.7	78.8	34.8	113.7	2,365.5	1,910.4	4,275.9	4.8	55.3
June	1,202.1	1,071.4	2,273.5	* 1.0	72.4	41.3	113.7	2,387.2	1,891.8	4,279.0	4.8	55.8
July	1,239.5	1,031.7	2,271.2	* 0.5	71.7	37.2	108.9	2,380.1	1,900.5	4,280.5	4.6	55.6
August	1,219.0	1,042.2	2,261.2	* 1.1	73.5	36.5	110.0	2,371.2	1,913.5	4,284.7	4.6	55.3
September	1,238.9	1,064.9	2,303.8	* 1.5	76.9	38.4	115.3	2,419.1	1,868.6	4,287.7	4.8	56.4
October	1,209.8	1,044.0	2,253.7	* 1.7	66.7	38.7	105.4	2,359.2	1,927.7	4,286.9	4.5	55.0
November	1,218.3	1,043.1	2,261.4	* 2.3	73.2	38.8	111.9	2,373.3	1,930.7	4,304.0	4.7	55.1
December	1,238.5	1,021.3	2,259.8	* 2.4	69.9	31.2	101.0	2,360.8	1,948.6	4,309.4	4.3	54.8
Standard error of —												
December 1998 estimates	12.8	11.9	15.9	0.8	3.9	2.7	4.6	16.2	15.1	..	0.2	0.4
Nov 98 to Dec 98 movements	9.5	9.0	12.0	0.9	3.3	2.6	3.9	12.2	11.3	..	0.2	0.3

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

Month	Unemployed											
	Employed			Looking for full-time work				Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate - per cent -	Participation rate
	Full-time workers	Part-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work - '000 -	Total					
ALL FEMALES												
1997 —												
October	2,072.2	1,579.8	3,652.1	19.1	208.1	101.7	309.8	3,961.8	3,467.4	7,429.2	7.8	53.3
November	2,081.6	1,618.5	3,700.0	20.5	204.2	95.3	299.6	3,999.6	3,438.7	7,438.3	7.5	53.8
December	2,133.9	1,584.9	3,718.8	28.7	218.0	99.1	317.1	4,035.9	3,411.5	7,447.4	7.9	54.2
1998 —												
January	2,085.9	1,488.5	3,574.4	33.9	236.0	103.1	339.1	3,913.6	3,540.8	7,454.3	8.7	52.5
February	2,086.7	1,559.7	3,646.4	24.3	244.8	114.7	359.5	4,005.9	3,455.3	7,461.2	9.0	53.7
March	2,083.9	1,603.1	3,687.0	25.4	230.5	112.0	342.5	4,029.5	3,438.6	7,468.2	8.5	54.0
April	2,098.2	1,622.4	3,720.6	23.2	209.0	109.5	318.6	4,039.2	3,436.7	7,475.9	7.9	54.0
May	2,076.8	1,643.0	3,719.8	20.2	212.4	92.6	304.9	4,024.7	3,459.0	7,483.7	7.6	53.8
June	2,095.7	1,653.2	3,748.8	17.2	199.7	103.7	303.4	4,052.2	3,439.3	7,491.5	7.5	54.1
July	2,157.1	1,606.3	3,763.3	19.3	199.3	95.9	295.1	4,058.5	3,440.4	7,498.9	7.3	54.1
August	2,098.6	1,624.8	3,723.4	17.9	196.9	93.8	290.7	4,014.1	3,492.1	7,506.2	7.2	53.5
September	2,141.5	1,663.4	3,804.9	16.4	207.9	112.3	320.2	4,125.1	3,388.5	7,513.5	7.8	54.9
October	2,125.2	1,648.6	3,773.7	19.0	184.0	105.0	289.0	4,062.7	3,461.6	7,524.3	7.1	54.0
November	2,112.3	1,645.7	3,757.9	20.1	191.0	106.6	297.6	4,055.5	3,479.6	7,535.1	7.3	53.8
December	2,189.7	1,633.9	3,823.6	24.9	195.5	96.9	292.4	4,116.0	3,429.9	7,545.9	7.1	54.5
Standard error of —												
December 1998												
estimates	15.8	14.2	19.2	2.5	6.1	4.5	7.3	19.7	18.5	..	0.2	0.3
Nov 98 to Dec 98												
movements	11.8	10.6	14.6	2.2	4.8	3.8	5.6	15.0	14.1	..	0.1	0.2
PERSONS												
1997 —												
October	6,306.7	2,157.2	8,463.9	43.7	578.3	158.1	736.4	9,200.3	5,428.6	14,628.9	8.0	62.9
November	6,320.4	2,201.1	8,521.5	43.7	582.5	154.3	736.8	9,258.3	5,389.3	14,647.6	8.0	63.2
December	6,443.6	2,171.7	8,615.2	63.8	598.0	165.7	763.6	9,378.9	5,287.4	14,666.3	8.1	63.9
1998 —												
January	6,355.9	2,030.4	8,386.3	71.2	653.9	163.0	816.9	9,203.2	5,477.7	14,680.9	8.9	62.7
February	6,347.9	2,114.2	8,462.1	55.0	657.7	184.8	842.5	9,304.6	5,390.9	14,695.5	9.1	63.3
March	6,329.9	2,190.5	8,520.4	52.6	626.7	175.3	802.0	9,322.4	5,387.7	14,710.1	8.6	63.4
April	6,366.9	2,209.5	8,576.4	47.5	568.0	168.8	736.8	9,313.2	5,413.2	14,726.4	7.9	63.2
May	6,325.8	2,241.8	8,567.6	49.0	589.8	148.7	738.5	9,306.1	5,436.6	14,742.6	7.9	63.1
June	6,350.1	2,259.7	8,609.8	45.2	581.0	154.6	735.6	9,345.4	5,413.6	14,758.9	7.9	63.3
July	6,455.2	2,181.6	8,636.8	44.5	581.4	146.4	727.8	9,364.6	5,409.6	14,774.2	7.8	63.4
August	6,328.7	2,207.2	8,535.9	41.1	575.6	152.4	727.9	9,263.9	5,525.6	14,789.4	7.9	62.6
September	6,461.5	2,272.4	8,733.9	39.9	594.4	171.2	765.6	9,499.5	5,305.3	14,804.7	8.1	64.2
October	6,432.9	2,257.2	8,690.2	41.3	526.7	158.9	685.6	9,375.7	5,451.3	14,827.0	7.3	63.2
November	6,397.1	2,256.0	8,653.1	41.7	552.2	158.3	710.5	9,363.7	5,485.6	14,849.3	7.6	63.1
December	6,540.8	2,254.5	8,795.3	57.7	552.3	154.2	706.5	9,501.8	5,369.7	14,871.6	7.4	63.9
Standard error of —												
December 1998												
estimates	23.0	15.9	25.4	3.6	9.4	5.6	10.3	26.0	21.5	..	0.1	0.2
Nov 98 to Dec 98												
movements	17.8	12.0	19.9	3.0	7.1	4.4	7.8	20.5	16.7	..	0.1	0.1

TABLE 2. CIVILIAN LABOUR FORCE: SEASONALLY ADJUSTED SERIES

Month	Employed		Unemployed					Labour force	Unemployment rate - per	Participation rate cent -
	Full-time workers	Part-time workers	Looking for full-time work		Looking for part-time work	Total				
			Aged 15-19 looking for first job	Total - '000 -						
	Total									
MALES										
1997 —										
October	4,233.3	574.3	4,807.6	28.6	391.4	59.6	451.0	5,258.6	8.6	73.0
November	4,247.0	584.5	4,831.5	26.2	391.5	66.4	457.9	5,289.4	8.7	73.4
December	4,248.4	587.8	4,836.3	26.2	382.5	62.6	445.1	5,281.4	8.4	73.2
1998 —										
January	4,271.4	572.1	4,843.5	25.6	378.6	54.9	433.5	5,277.0	8.2	73.0
February	4,257.3	580.6	4,837.8	26.9	379.2	64.8	444.0	5,281.9	8.4	73.0
March	4,263.3	577.8	4,841.1	28.7	387.9	54.0	441.8	5,282.9	8.4	72.9
April	4,281.1	576.1	4,857.2	23.7	365.8	56.7	422.5	5,279.7	8.0	72.8
May	4,259.8	593.8	4,853.5	30.5	379.9	58.9	438.8	5,292.3	8.3	72.9
June	4,264.6	593.0	4,857.6	30.2	391.5	56.3	447.8	5,305.3	8.4	73.0
July	4,274.0	582.1	4,856.1	31.0	401.8	57.2	459.0	5,315.0	8.6	73.1
August	4,273.1	573.1	4,846.2	27.6	387.1	66.3	453.3	5,299.6	8.6	72.8
September	4,307.9	594.6	4,902.5	28.6	386.9	54.2	441.1	5,343.6	8.3	73.3
October	4,307.0	605.4	4,912.3	26.0	362.3	56.9	419.2	5,331.5	7.9	73.0
November	4,293.1	611.8	4,904.9	24.4	373.9	58.0	431.9	5,336.8	8.1	73.0
December	4,288.9	621.2	4,910.1	24.6	359.8	54.1	413.9	5,324.0	7.8	72.7
MARRIED FEMALES										
1997 —										
October	1,188.8	1,032.5	2,221.3	n.a.	78.6	39.2	117.8	2,339.1	5.0	54.9
November	1,205.1	1,028.2	2,233.4	n.a.	79.0	34.7	113.7	2,347.0	4.8	55.1
December	1,210.1	1,022.0	2,232.0	n.a.	76.3	33.2	109.6	2,341.6	4.7	54.8
1998 —										
January	1,215.3	1,029.9	2,245.2	n.a.	77.9	36.8	114.7	2,359.9	4.9	55.1
February	1,207.2	1,039.7	2,246.8	n.a.	78.2	37.1	115.3	2,362.1	4.9	55.1
March	1,189.4	1,042.7	2,232.1	n.a.	74.9	34.8	109.6	2,341.7	4.7	54.8
April	1,206.3	1,042.6	2,248.8	n.a.	74.4	37.4	111.8	2,360.6	4.7	55.3
May	1,198.4	1,034.7	2,233.0	n.a.	79.7	35.6	115.3	2,348.4	4.9	54.9
June	1,206.5	1,039.4	2,245.9	n.a.	70.6	43.1	113.7	2,359.6	4.8	55.1
July	1,228.7	1,023.9	2,252.6	n.a.	75.5	39.5	115.0	2,367.6	4.9	55.3
August	1,227.0	1,040.4	2,267.5	n.a.	74.7	38.2	112.9	2,380.3	4.7	55.6
September	1,221.4	1,034.4	2,255.9	n.a.	75.8	34.6	110.4	2,366.2	4.7	55.2
October	1,204.6	1,049.0	2,253.6	n.a.	69.5	39.5	109.1	2,362.6	4.6	55.1
November	1,210.9	1,035.4	2,246.3	n.a.	78.1	38.6	116.8	2,363.1	4.9	54.9
December	1,224.6	1,036.7	2,261.4	n.a.	76.0	34.7	110.7	2,372.1	4.7	55.0
ALL FEMALES										
1997 —										
October	2,066.0	1,586.7	3,652.7	21.8	218.7	103.8	322.6	3,975.2	8.1	53.5
November	2,077.3	1,598.4	3,675.7	23.0	219.0	101.8	320.8	3,996.5	8.0	53.7
December	2,089.3	1,588.4	3,677.7	22.0	215.2	101.2	316.4	3,994.1	7.9	53.6
1998 —										
January	2,086.1	1,585.0	3,671.1	24.0	214.5	106.9	321.3	3,992.5	8.0	53.6
February	2,093.3	1,598.2	3,691.5	19.4	209.5	97.4	306.9	3,998.5	7.7	53.6
March	2,087.3	1,585.5	3,672.8	24.6	221.6	97.0	318.6	3,991.4	8.0	53.4
April	2,111.9	1,603.0	3,714.9	25.5	208.0	106.8	314.7	4,029.7	7.8	53.9
May	2,089.2	1,624.6	3,713.8	20.5	219.5	95.6	315.1	4,028.9	7.8	53.8
June	2,112.9	1,617.0	3,730.0	20.4	207.8	112.2	320.1	4,050.0	7.9	54.1
July	2,136.0	1,606.0	3,742.0	25.1	212.0	106.0	318.1	4,060.0	7.8	54.1
August	2,134.5	1,630.5	3,765.0	21.5	207.2	100.5	307.6	4,072.6	7.6	54.3
September	2,127.7	1,622.3	3,750.0	18.6	212.8	106.6	319.5	4,069.4	7.9	54.2
October	2,119.2	1,656.2	3,775.4	21.5	193.4	107.2	300.6	4,076.0	7.4	54.2
November	2,108.0	1,625.0	3,733.0	22.5	204.8	114.1	318.9	4,051.9	7.9	53.8
December	2,143.9	1,637.5	3,781.4	19.2	193.8	98.9	292.7	4,074.1	7.2	54.0
PERSONS										
1997 —										
October	6,299.3	2,161.0	8,460.3	50.4	610.1	163.4	773.5	9,233.8	8.4	63.1
November	6,324.3	2,182.9	8,507.2	49.2	610.5	168.2	778.7	9,285.9	8.4	63.4
December	6,337.8	2,176.2	8,514.0	48.2	597.7	163.8	761.5	9,275.5	8.2	63.2
1998 —										
January	6,357.5	2,157.1	8,514.6	49.6	593.1	161.8	754.8	9,269.5	8.1	63.1
February	6,350.6	2,178.8	8,529.4	46.2	588.7	162.2	751.0	9,280.3	8.1	63.2
March	6,350.5	2,163.3	8,513.9	53.3	609.4	151.0	760.4	9,274.3	8.2	63.0
April	6,393.0	2,179.1	8,572.1	49.1	573.8	163.4	737.2	9,309.3	7.9	63.2
May	6,349.0	2,218.4	8,567.4	51.0	599.4	154.4	753.9	9,321.2	8.1	63.2
June	6,377.5	2,210.0	8,587.5	50.6	599.3	168.5	767.8	9,355.4	8.2	63.4
July	6,409.9	2,188.1	8,598.0	56.2	613.8	163.2	777.0	9,375.1	8.3	63.5
August	6,407.6	2,203.6	8,611.2	49.1	594.2	166.7	761.0	9,372.2	8.1	63.4
September	6,435.6	2,216.9	8,652.5	47.2	599.7	160.9	760.6	9,413.1	8.1	63.6
October	6,426.2	2,261.5	8,687.7	47.4	555.7	164.1	719.8	9,407.5	7.7	63.4
November	6,401.1	2,236.8	8,637.9	46.8	578.7	172.1	750.8	9,388.7	8.0	63.2
December	6,432.8	2,258.7	8,691.5	43.8	553.5	153.0	706.5	9,398.1	7.5	63.2

TABLE 3. CIVILIAN LABOUR FORCE: TREND SERIES

Month	Unemployed									
	Employed			Looking for full-time work				Labour force	Unemployment rate - per	Participation rate - cent -
	Full-time workers	Part-time workers	Total	Aged 15-19 looking for first job	Total	Looking for part-time work	Total			
					- '000 -					
MALES										
1997 —										
October	4,231.7	575.3	4,807.0	27.9	394.9	61.8	456.7	5,263.7	8.7	73.1
November	4,243.1	577.6	4,820.7	27.0	389.6	62.2	451.8	5,272.5	8.6	73.1
December	4,253.0	579.1	4,832.0	26.4	384.6	61.7	446.3	5,278.3	8.5	73.1
1998 —										
January	4,260.3	579.8	4,840.1	26.1	380.5	60.5	441.0	5,281.1	8.4	73.1
February	4,264.6	580.4	4,845.1	26.4	378.4	58.9	437.3	5,282.4	8.3	73.0
March	4,266.1	581.3	4,847.4	27.0	378.4	57.7	436.1	5,283.5	8.3	72.9
April	4,266.3	582.2	4,848.5	27.9	380.8	57.4	438.1	5,286.7	8.3	72.9
May	4,267.3	583.2	4,850.5	28.8	384.5	57.6	442.1	5,292.6	8.4	72.9
June r	4,270.8	584.1	4,855.0	29.4	387.9	58.2	446.1	5,301.0	8.4	73.0
July r	4,276.9	585.8	4,862.7	29.3	388.9	58.6	447.5	5,310.2	8.4	73.0
August r	4,284.0	589.0	4,873.1	28.7	386.7	58.7	445.4	5,318.5	8.4	73.0
September r	4,290.6	594.3	4,885.0	27.7	381.9	58.3	440.2	5,325.2	8.3	73.0
October r	4,295.7	601.1	4,896.8	26.5	375.7	57.5	433.2	5,330.0	8.1	73.0
November r	4,298.9	608.2	4,907.1	25.3	369.4	56.7	426.1	5,333.2	8.0	72.9
December	4,300.0	615.1	4,915.1	24.5	363.6	55.9	419.5	5,334.6	7.9	72.9
MARRIED FEMALES (a)										
1997 —										
October	1,196.9	1,025.6	2,222.5	n.a.	79.6	37.7	117.3	2,339.9	5.0	54.9
November	1,202.5	1,027.8	2,230.3	n.a.	78.8	36.5	115.3	2,345.6	4.9	55.1
December	1,205.9	1,030.3	2,236.1	n.a.	78.0	35.6	113.6	2,349.7	4.8	55.0
1998 —										
January	1,206.3	1,033.5	2,239.8	n.a.	77.2	35.2	112.4	2,352.2	4.8	54.9
February	1,204.6	1,036.2	2,240.8	n.a.	76.7	35.5	112.2	2,353.0	4.8	54.9
March	1,202.7	1,038.2	2,240.9	n.a.	76.2	36.4	112.6	2,353.5	4.8	55.1
April	1,203.2	1,038.7	2,241.8	n.a.	75.8	37.4	113.2	2,355.0	4.8	55.2
May	1,206.5	1,037.7	2,244.3	n.a.	75.3	38.2	113.5	2,357.8	4.8	55.1
June r	1,211.6	1,036.3	2,247.9	n.a.	74.8	38.7	113.5	2,361.4	4.8	55.2
July r	1,216.2	1,035.6	2,251.8	n.a.	74.4	38.8	113.2	2,365.0	4.8	55.3
August r	1,218.9	1,036.1	2,255.0	n.a.	74.2	38.6	112.8	2,367.9	4.8	55.3
September r	1,219.1	1,037.4	2,256.5	n.a.	74.3	38.1	112.4	2,368.8	4.7	55.2
October r	1,217.7	1,038.6	2,256.3	n.a.	74.5	37.5	112.0	2,368.3	4.7	55.2
November r	1,216.3	1,039.3	2,255.6	n.a.	74.9	37.0	111.9	2,367.5	4.7	55.0
December	1,216.1	1,039.5	2,255.6	n.a.	75.7	36.3	111.9	2,367.5	4.7	54.9
ALL FEMALES										
1997 —										
October	2,072.5	1,585.3	3,657.8	21.0	218.5	104.2	322.7	3,980.5	8.1	53.6
November	2,077.7	1,588.6	3,666.3	21.7	217.1	103.1	320.2	3,986.4	8.0	53.6
December	2,082.7	1,590.0	3,672.8	22.3	215.9	102.0	317.9	3,990.6	8.0	53.6
1998 —										
January	2,086.9	1,591.5	3,678.4	22.7	215.0	101.0	316.0	3,994.4	7.9	53.6
February	2,090.6	1,593.8	3,684.4	22.9	214.5	100.7	315.2	3,999.6	7.9	53.6
March	2,094.6	1,597.9	3,692.5	22.9	214.1	101.1	315.2	4,007.7	7.9	53.7
April	2,100.3	1,603.1	3,703.5	22.9	213.9	101.9	315.7	4,019.2	7.9	53.8
May	2,108.0	1,609.1	3,717.2	22.7	213.4	102.8	316.2	4,033.4	7.8	53.9
June r	2,115.8	1,615.3	3,731.2	22.3	212.4	104.0	316.4	4,047.6	7.8	54.0
July r	2,121.8	1,620.8	3,742.6	21.9	210.6	105.2	315.9	4,058.5	7.8	54.1
August r	2,125.1	1,625.6	3,750.7	21.5	208.2	106.1	314.2	4,065.0	7.7	54.2
September r	2,126.3	1,629.8	3,756.1	21.2	205.5	106.4	311.9	4,068.0	7.7	54.1
October r	2,126.6	1,633.7	3,760.2	20.9	202.6	106.6	309.1	4,069.4	7.6	54.1
November r	2,127.1	1,636.7	3,763.7	20.7	199.7	106.6	306.3	4,070.0	7.5	54.0
December	2,126.5	1,639.4	3,765.9	20.4	197.7	105.6	303.3	4,069.2	7.5	53.9
PERSONS										
1997 —										
October	6,304.2	2,160.6	8,464.8	48.9	613.4	166.0	779.4	9,244.2	8.4	63.2
November	6,320.8	2,166.2	8,487.0	48.8	606.7	165.3	772.0	9,258.9	8.3	63.2
December	6,335.7	2,169.1	8,504.8	48.7	600.4	163.7	764.2	9,269.0	8.2	63.2
1998 —										
January	6,347.2	2,171.3	8,518.5	48.9	595.5	161.5	757.0	9,275.4	8.2	63.2
February	6,355.2	2,174.3	8,529.5	49.3	592.9	159.6	752.5	9,282.0	8.1	63.2
March	6,360.6	2,179.2	8,539.9	50.0	592.5	158.8	751.3	9,291.2	8.1	63.2
April	6,366.6	2,185.4	8,552.0	50.8	594.7	159.2	753.9	9,305.9	8.1	63.2
May	6,375.3	2,192.3	8,567.7	51.5	597.9	160.4	758.3	9,325.9	8.1	63.3
June r	6,386.7	2,199.4	8,586.1	51.7	600.3	162.2	762.5	9,348.6	8.2	63.3
July r	6,398.7	2,206.6	8,605.3	51.3	599.5	163.9	763.3	9,368.6	8.1	63.4
August r	6,409.1	2,214.7	8,623.8	50.2	594.9	164.8	759.7	9,383.5	8.1	63.4
September r	6,416.9	2,224.2	8,641.1	48.9	587.4	164.7	752.1	9,393.1	8.0	63.4
October r	6,422.2	2,234.8	8,657.0	47.4	578.3	164.1	742.4	9,399.4	7.9	63.4
November r	6,426.0	2,244.8	8,670.8	46.1	569.1	163.2	732.3	9,403.2	7.8	63.3
December	6,426.4	2,254.6	8,681.0	44.9	561.3	161.5	722.8	9,403.8	7.7	63.2

(a) See Explanatory Notes, paragraph 32.

**TABLE 4. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
MARITAL STATUS, DECEMBER 1998**

	Employed			Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate - per cent -	Participation rate
	Full-time workers	Part-time workers	Total	Looking for full-time work	Looking for part-time work - '000 -	Total					
<i>Males</i>	4,351.1	620.6	4,971.7	356.8	57.3	414.1	5,385.8	1,939.8	7,325.7	7.7	73.5
Married	2,910.1	242.7	3,152.8	133.1	7.9	141.0	3,293.9	1,106.2	4,400.1	4.3	74.9
Not married	1,441.0	377.9	1,818.9	223.7	49.4	273.1	2,091.9	833.6	2,925.6	13.1	71.5
<i>Females</i>	2,189.7	1,633.9	3,823.6	195.5	96.9	292.4	4,116.0	3,429.9	7,545.9	7.1	54.5
Married	1,238.5	1,021.3	2,259.8	69.9	31.2	101.0	2,360.8	1,948.6	4,309.4	4.3	54.8
Not married	951.2	612.7	1,563.8	125.6	65.7	191.3	1,755.2	1,481.3	3,236.5	10.9	54.2
Persons	6,540.8	2,254.5	8,795.3	552.3	154.2	706.5	9,501.8	5,369.7	14,871.6	7.4	63.9

**TABLE 5. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATES AND TERRITORIES, DECEMBER 1998**

State or Territory	Employed			Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate - per cent -	Participation rate
	Full-time workers	Part-time workers	Total	Looking for full-time work	Looking for part-time work - '000 -	Total					
MALES											
New South Wales	1,467.5	190.2	1,657.8	108.6	13.9	122.5	1,780.3	691.6	2,471.9	6.9	72.0
Victoria	1,073.6	159.7	1,233.3	80.6	19.2	99.7	1,333.0	483.5	1,816.6	7.5	73.4
Queensland	819.1	124.9	944.0	73.0	10.6	83.6	1,027.5	336.6	1,364.2	8.1	75.3
South Australia	327.8	51.0	378.8	38.8	3.6	42.5	421.3	166.5	587.8	10.1	71.7
Western Australia	448.5	62.8	511.4	37.3	6.3	43.6	555.0	164.4	719.3	7.9	77.2
Tasmania	96.1	14.3	110.4	12.4	2.1	14.4	124.8	56.5	181.3	11.6	68.9
Northern Territory	45.1	5.9	51.0	1.8	* 0.2	2.0	53.0	15.6	68.6	3.7	77.3
Australian Capital Territory	73.3	11.8	85.1	4.4	1.4	5.9	90.9	25.1	116.1	6.4	78.3
<i>Australia</i>	<i>4,351.1</i>	<i>620.6</i>	<i>4,971.7</i>	<i>356.8</i>	<i>57.3</i>	<i>414.1</i>	<i>5,385.8</i>	<i>1,939.8</i>	<i>7,325.7</i>	<i>7.7</i>	<i>73.5</i>
FEMALES											
New South Wales	759.6	513.8	1,273.4	57.9	29.5	87.4	1,360.7	1,196.0	2,556.8	6.4	53.2
Victoria	542.4	408.2	950.6	48.3	26.8	75.1	1,025.8	868.8	1,894.6	7.3	54.1
Queensland	403.9	310.5	714.4	45.8	17.8	63.6	778.1	610.0	1,388.0	8.2	56.1
South Australia	150.7	141.6	292.3	17.7	7.1	24.8	317.1	291.5	608.6	7.8	52.1
Western Australia	212.9	177.3	390.2	16.9	10.0	26.9	417.2	307.5	724.7	6.5	57.6
Tasmania	41.3	43.4	84.7	6.4	3.2	9.7	94.4	93.1	187.5	10.2	50.3
Northern Territory	29.8	13.1	42.9	* 0.9	* 0.3	* 1.2	44.1	21.7	65.8	* 2.7	67.0
Australian Capital Territory	49.0	26.0	75.0	1.6	2.1	3.7	78.8	41.2	120.0	4.8	65.7
<i>Australia</i>	<i>2,189.7</i>	<i>1,633.9</i>	<i>3,823.6</i>	<i>195.5</i>	<i>96.9</i>	<i>292.4</i>	<i>4,116.0</i>	<i>3,429.9</i>	<i>7,545.9</i>	<i>7.1</i>	<i>54.5</i>
PERSONS											
New South Wales	2,227.2	704.0	2,931.2	166.5	43.4	209.9	3,141.0	1,887.6	5,028.7	6.7	62.5
Victoria	1,616.0	568.0	2,183.9	128.9	46.0	174.9	2,358.8	1,352.3	3,711.1	7.4	63.6
Queensland	1,223.0	435.4	1,658.4	118.8	28.4	147.2	1,805.6	946.6	2,752.2	8.2	65.6
South Australia	478.5	192.6	671.1	56.5	10.8	67.3	738.3	458.1	1,196.4	9.1	61.7
Western Australia	661.5	240.2	901.6	54.2	16.3	70.5	972.1	471.9	1,444.0	7.3	67.3
Tasmania	137.4	57.7	195.1	18.8	5.3	24.1	219.2	149.6	368.8	11.0	59.4
Northern Territory	74.9	18.9	93.9	2.7	* 0.5	3.2	97.0	37.3	134.4	3.3	72.2
Australian Capital Territory	122.3	37.8	160.1	6.1	3.5	9.6	169.7	66.4	236.1	5.7	71.9
Australia	6,540.8	2,254.5	8,795.3	552.3	154.2	706.5	9,501.8	5,369.7	14,871.6	7.4	63.9

**TABLE 6. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
STATE CAPITAL CITIES, DECEMBER 1998**

Capital city	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15 and over	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work - '000 -	Total					
MALES										
Sydney	949.0	1,066.0	58.9	7.2	66.2	1,132.2	398.2	1,530.5	5.8	74.0
Melbourne	790.8	912.1	57.5	13.8	71.2	983.3	334.4	1,317.7	7.2	74.6
Brisbane	375.3	432.6	31.3	5.1	36.4	469.0	145.8	614.8	7.8	76.3
Adelaide	236.4	275.6	28.8	2.9	31.6	307.2	124.3	431.5	10.3	71.2
Perth	317.1	364.7	27.8	5.5	33.3	398.0	125.1	523.1	8.4	76.1
Hobart	39.3	45.8	4.8	0.9	5.7	51.5	23.2	74.7	11.1	68.9
Total	2,707.9	3,096.8	209.1	35.3	244.4	3,341.3	1,151.1	4,492.3	7.3	74.4
FEMALES										
Sydney	531.4	837.4	29.6	14.7	44.4	881.8	711.0	1,592.8	5.0	55.4
Melbourne	425.8	717.1	34.9	19.2	54.1	771.2	610.1	1,381.3	7.0	55.8
Brisbane	192.9	335.6	22.3	8.8	31.1	366.7	270.7	637.4	8.5	57.5
Adelaide	114.7	219.4	12.6	6.2	18.8	238.2	217.4	455.6	7.9	52.3
Perth	164.7	290.6	11.2	8.2	19.5	310.1	233.3	543.4	6.3	57.1
Hobart	17.4	36.7	2.3	1.5	3.8	40.5	38.7	79.2	9.4	51.2
Total	1,447.0	2,436.8	113.0	58.6	171.7	2,608.5	2,081.3	4,689.8	6.6	55.6
PERSONS										
Sydney	1,480.5	1,903.5	88.6	22.0	110.5	2,014.0	1,109.3	3,123.3	5.5	64.5
Melbourne	1,216.6	1,629.1	92.4	32.9	125.4	1,754.5	944.6	2,699.1	7.1	65.0
Brisbane	568.2	768.2	53.6	13.9	67.5	835.7	416.6	1,252.2	8.1	66.7
Adelaide	351.1	495.0	41.4	9.0	50.4	545.4	341.7	887.1	9.2	61.5
Perth	481.8	655.4	39.0	13.8	52.8	708.1	358.3	1,066.5	7.5	66.4
Hobart	56.8	82.5	7.1	2.4	9.5	92.0	61.9	154.0	10.3	59.8
Total	4,154.9	5,533.7	322.1	94.0	416.1	5,949.8	3,232.3	9,182.1	7.0	64.8

**TABLE 7. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 AND OVER:
AUSTRALIAN CAPITAL TERRITORY, DECEMBER 1998**

	Persons							Total
	Males	Females		Aged 15-19	Aged 20-24	Aged 25 and over		
		Married	Total					
— '000 —								
<i>Employed</i>	85.1	40.6	75.0	11.0	20.8	128.3		160.1
Full-time workers	73.3	26.6	49.0	3.0	14.4	104.9		122.3
Part-time workers	11.8	14.0	26.0	8.0	6.4	23.4		37.8
<i>Unemployed</i>	5.9	* 0.9	3.7	3.1	2.8	3.7		9.6
Looking for full-time work	4.4	* 0.4	1.6	1.4	2.0	2.7		6.1
Looking for part-time work	1.4	* 0.5	2.1	1.7	* 0.8	1.0		3.5
Labour force	90.9	41.5	78.8	14.1	23.6	132.0		169.7
Not in labour force	25.1	24.1	41.2	7.7	2.9	55.8		66.4
Aged 15-19 attending school	3.9	* 0.0	2.3	6.2	..	..		6.2
Civilian population	116.1	65.6	120.0	21.8	26.5	187.8		236.1
— per cent —								
Unemployment rate	6.4	* 2.1	4.8	22.0	11.9	2.8		5.7
Looking for full-time work	5.7	* 1.3	3.2	31.4	12.2	2.5		4.7
Participation rate	78.3	63.3	65.7	64.6	89.1	70.3		71.9
Employment/population ratio	73.3	61.9	62.5	50.4	78.5	68.3		67.8
— number —								
Average weekly hours worked by employed persons	39.7	31.8	31.4	19.6	33.2	37.6		35.8
Average duration of unemployment (weeks)	45.1	* 17.3	30.9	12.3	45.3	57.9		39.5

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

Month	Males						Females						Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
NEW SOUTH WALES																		
1997 —																		
October	1,430.7	1,598.9	145.0	1,743.9	8.3	71.7	716.5	1,188.8	99.1	1,287.9	7.7	51.1	2,147.2	2,787.7	244.1	3,031.7	8.1	61.2
November	1,437.7	1,614.8	143.6	1,758.4	8.2	72.2	722.4	1,217.1	95.1	1,312.3	7.2	52.0	2,160.1	2,831.9	238.7	3,070.6	7.8	61.9
December	1,435.0	1,618.6	132.8	1,751.4	7.6	71.8	715.8	1,218.0	95.2	1,313.2	7.2	52.0	2,150.7	2,836.6	228.0	3,064.7	7.4	61.7
1998 —																		
January	1,438.5	1,627.1	129.8	1,756.9	7.4	72.0	720.2	1,216.2	97.3	1,313.5	7.4	51.9	2,158.7	2,843.3	227.1	3,070.4	7.4	61.8
February	1,425.9	1,597.8	141.0	1,738.8	8.1	71.2	708.5	1,207.6	93.5	1,301.1	7.2	51.4	2,134.4	2,805.4	234.5	3,039.9	7.7	61.1
March	1,436.0	1,616.6	135.0	1,751.6	7.7	71.7	717.7	1,213.7	95.7	1,309.4	7.3	51.7	2,153.7	2,830.3	230.7	3,061.0	7.5	61.5
April	1,444.6	1,621.4	125.7	1,747.1	7.2	71.4	720.1	1,229.0	94.8	1,323.8	7.2	52.2	2,164.8	2,850.4	220.5	3,070.9	7.2	61.6
May	1,440.5	1,616.7	135.3	1,751.9	7.7	71.5	713.2	1,218.8	96.6	1,315.4	7.3	51.8	2,153.7	2,835.4	231.9	3,067.3	7.6	61.5
June	1,449.2	1,627.0	138.0	1,765.1	7.8	72.0	735.6	1,237.6	96.3	1,333.9	7.2	52.5	2,184.8	2,864.6	234.3	3,098.9	7.6	62.1
July	1,456.1	1,637.4	136.6	1,774.0	7.7	72.2	758.7	1,249.2	96.3	1,345.5	7.2	52.9	2,214.8	2,886.7	232.9	3,119.5	7.5	62.4
August	1,439.2	1,608.0	142.7	1,750.7	8.2	71.2	735.7	1,231.2	92.4	1,323.6	7.0	52.0	2,175.0	2,839.2	235.1	3,074.3	7.6	61.5
September	1,458.0	1,636.7	131.1	1,767.7	7.4	71.8	751.0	1,256.0	98.3	1,354.3	7.3	53.2	2,209.0	2,892.6	229.4	3,122.1	7.3	62.3
October	1,462.1	1,651.2	116.1	1,767.3	6.6	71.7	742.9	1,248.5	92.6	1,341.1	6.9	52.6	2,205.0	2,899.7	208.7	3,108.4	6.7	62.0
November	1,447.4	1,631.3	135.6	1,766.9	7.7	71.6	726.7	1,220.2	106.1	1,326.3	8.0	51.9	2,174.1	2,851.5	241.7	3,093.2	7.8	61.6
December	1,445.3	1,638.2	120.8	1,759.0	6.9	71.2	743.9	1,255.6	86.8	1,342.4	6.5	52.5	2,189.1	2,893.8	207.6	3,101.4	6.7	61.7
VICTORIA																		
1997 —																		
October	1,043.5	1,195.6	105.0	1,300.5	8.1	72.8	512.1	913.2	87.9	1,001.0	8.8	53.7	1,555.5	2,108.7	192.8	2,301.5	8.4	63.0
November	1,048.5	1,194.4	109.0	1,303.4	8.4	72.9	508.3	921.0	84.4	1,005.3	8.4	53.9	1,556.8	2,115.4	193.4	2,308.8	8.4	63.2
December	1,049.6	1,200.6	110.5	1,311.1	8.4	73.2	519.6	924.9	79.1	1,004.0	7.9	53.7	1,569.2	2,125.5	189.6	2,315.1	8.2	63.3
1998 —																		
January	1,056.5	1,193.3	114.0	1,307.4	8.7	72.9	517.6	923.5	85.3	1,008.8	8.5	53.9	1,574.1	2,116.8	199.3	2,316.2	8.6	63.2
February	1,061.3	1,203.5	105.5	1,309.1	8.1	73.0	527.7	925.7	79.3	1,005.0	7.9	53.7	1,589.0	2,129.2	184.8	2,314.0	8.0	63.1
March	1,061.3	1,208.2	114.5	1,322.7	8.7	73.7	525.5	926.4	87.7	1,014.1	8.6	54.1	1,586.8	2,134.6	202.2	2,336.8	8.7	63.7
April	1,059.2	1,213.2	112.8	1,326.0	8.5	73.7	537.7	936.9	84.4	1,021.3	8.3	54.4	1,596.9	2,150.1	197.2	2,347.3	8.4	63.9
May	1,060.5	1,217.0	111.2	1,328.2	8.4	73.8	525.8	932.2	81.2	1,013.4	8.0	53.9	1,586.3	2,149.2	192.4	2,341.6	8.2	63.7
June	1,051.3	1,213.4	107.7	1,321.1	8.2	73.3	526.2	934.6	88.4	1,023.0	8.6	54.4	1,577.5	2,148.0	196.1	2,344.1	8.4	63.6
July	1,055.8	1,212.7	108.7	1,321.3	8.2	73.2	521.5	930.7	89.8	1,020.5	8.8	54.2	1,577.2	2,143.4	198.5	2,341.8	8.5	63.5
August	1,057.8	1,211.0	106.0	1,317.1	8.1	72.9	542.3	954.9	87.1	1,042.0	8.4	55.3	1,600.1	2,165.9	193.2	2,359.1	8.2	63.9
September	1,067.3	1,230.8	102.2	1,333.0	7.7	73.7	525.3	938.1	89.1	1,027.3	8.7	54.5	1,592.5	2,169.0	191.3	2,360.2	8.1	63.9
October	1,059.6	1,213.7	102.3	1,316.0	7.8	72.7	529.4	936.3	78.6	1,014.9	7.7	53.7	1,589.0	2,150.0	180.9	2,330.9	7.8	63.0
November	1,052.6	1,214.6	101.3	1,315.9	7.7	72.6	521.6	935.6	81.5	1,017.2	8.0	53.8	1,574.2	2,150.3	182.8	2,333.1	7.8	63.0
December	1,058.7	1,213.3	100.8	1,314.0	7.7	72.3	531.5	940.5	72.4	1,012.9	7.1	53.5	1,590.2	2,153.8	173.1	2,326.9	7.4	62.7

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

Month	Males							Females					Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
	QUEENSLAND																	
1997 —																		
October	782.9	900.4	92.8	993.2	9.3	74.5	381.0	691.7	68.4	760.1	9.0	56.0	1,163.9	1,592.1	161.2	1,753.2	9.2	65.2
November	780.9	895.4	95.2	990.6	9.6	74.2	386.2	690.3	67.5	757.8	8.9	55.7	1,167.1	1,585.6	162.8	1,748.4	9.3	64.9
December	783.2	899.8	94.6	994.4	9.5	74.3	397.7	688.0	64.4	752.3	8.6	55.2	1,180.9	1,587.8	159.0	1,746.8	9.1	64.7
1998 —																		
January	795.7	910.8	89.2	1,000.0	8.9	74.6	384.9	690.5	64.9	755.4	8.6	55.4	1,180.6	1,601.3	154.2	1,755.4	8.8	64.9
February	792.4	909.1	93.2	1,002.3	9.3	74.7	392.4	702.0	65.2	767.2	8.5	56.1	1,184.8	1,611.1	158.3	1,769.5	8.9	65.3
March	797.5	911.3	85.9	997.3	8.6	74.2	385.4	695.5	60.4	756.0	8.0	55.2	1,182.9	1,606.9	146.4	1,753.2	8.3	64.6
April	797.9	906.7	85.8	992.5	8.6	73.7	398.8	705.8	64.1	769.9	8.3	56.2	1,196.7	1,612.5	149.9	1,762.4	8.5	64.9
May	787.4	908.0	88.3	996.3	8.9	73.9	390.2	708.1	59.3	767.4	7.7	55.9	1,177.6	1,616.1	147.6	1,763.6	8.4	64.8
June	792.8	908.7	90.1	998.8	9.0	73.9	385.7	706.4	67.2	773.6	8.7	56.3	1,178.5	1,615.0	157.3	1,772.4	8.9	65.0
July	796.5	904.3	98.9	1,003.2	9.9	74.1	390.5	703.6	62.9	766.6	8.2	55.7	1,186.9	1,607.9	161.8	1,769.8	9.1	64.8
August	794.4	909.0	91.9	1,001.0	9.2	73.9	384.0	707.1	60.1	767.2	7.8	55.6	1,178.4	1,616.2	152.1	1,768.2	8.6	64.7
September	796.7	917.3	98.1	1,015.4	9.7	74.8	386.9	695.9	64.7	760.6	8.5	55.1	1,183.7	1,613.2	162.8	1,776.0	9.2	64.9
October	810.1	928.9	88.6	1,017.5	8.7	74.9	383.5	706.1	69.1	775.2	8.9	56.0	1,193.5	1,635.0	157.7	1,792.7	8.8	65.4
November	816.6	933.2	84.0	1,017.2	8.3	74.7	397.2	710.3	62.4	772.7	8.1	55.8	1,213.8	1,643.5	146.5	1,789.9	8.2	65.2
December	806.1	932.8	85.5	1,018.3	8.4	74.6	397.2	705.5	64.4	769.9	8.4	55.5	1,203.3	1,638.3	149.9	1,788.2	8.4	65.0
SOUTH AUSTRALIA																		
1997 —																		
October	323.3	374.0	43.6	417.6	10.4	71.6	145.2	289.5	27.3	316.7	8.6	52.5	468.5	663.5	70.9	734.3	9.6	61.9
November	323.6	372.8	43.8	416.6	10.5	71.4	146.5	288.8	28.2	317.0	8.9	52.5	470.2	661.6	72.0	733.7	9.8	61.8
December	323.5	371.9	43.0	414.9	10.4	71.1	148.2	285.3	27.6	313.0	8.8	51.8	471.7	657.3	70.6	727.9	9.7	61.2
1998 —																		
January	325.9	370.8	42.3	413.1	10.2	70.7	147.1	283.2	30.1	313.3	9.6	51.8	473.0	654.0	72.4	726.4	10.0	61.1
February	318.6	369.4	43.6	413.0	10.6	70.6	146.2	281.3	28.1	309.4	9.1	51.1	464.9	650.7	71.7	722.4	9.9	60.7
March	319.5	366.1	42.0	408.0	10.3	69.8	150.1	278.3	30.3	308.6	9.8	51.0	469.6	644.4	72.3	716.7	10.1	60.2
April	319.6	369.6	39.3	408.9	9.6	69.9	147.9	279.1	28.2	307.2	9.2	50.7	467.6	648.7	67.4	716.1	9.4	60.1
May	315.4	364.3	42.9	407.2	10.5	69.6	142.6	273.8	31.0	304.9	10.2	50.3	458.0	638.2	73.9	712.0	10.4	59.8
June	318.4	368.7	40.1	408.8	9.8	69.8	142.8	269.4	30.6	300.0	10.2	49.5	461.2	638.1	70.8	708.8	10.0	59.5
July	321.2	366.6	45.2	411.8	11.0	70.3	145.0	271.6	27.9	299.5	9.3	49.4	466.2	638.2	73.1	711.3	10.3	59.7
August	323.0	369.8	43.4	413.2	10.5	70.5	146.4	276.1	31.3	307.3	10.2	50.6	469.4	645.8	74.7	720.5	10.4	60.4
September	326.4	371.5	44.2	415.7	10.6	70.9	148.0	282.3	27.8	310.1	9.0	51.1	474.4	653.9	72.0	725.9	9.9	60.8
October	322.5	370.7	41.3	412.0	10.0	70.2	148.6	286.6	25.0	311.7	8.0	51.3	471.1	657.3	66.3	723.6	9.2	60.6
November	324.4	371.1	44.3	415.4	10.7	70.7	145.9	284.5	26.9	311.4	8.6	51.2	470.3	655.6	71.1	726.8	9.8	60.8
December	321.5	373.7	42.7	416.5	10.3	70.9	147.1	290.2	24.3	314.5	7.7	51.7	468.6	663.9	67.0	731.0	9.2	61.1

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

Month	Males						Females						Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
	WESTERN AUSTRALIA																	
1997 —																		
October	439.9	498.7	33.6	532.3	6.3	75.8	196.6	367.1	26.6	393.7	6.7	55.5	636.5	865.8	60.2	926.0	6.5	65.6
November	443.7	501.7	38.2	539.9	7.1	76.7	197.7	365.7	26.7	392.4	6.8	55.2	641.4	867.4	64.9	932.3	7.0	65.9
December	445.5	502.7	38.7	541.4	7.1	76.8	197.6	364.5	29.1	393.5	7.4	55.3	643.1	867.2	67.8	935.0	7.2	66.0
1998 —																		
January	447.0	503.0	37.2	540.2	6.9	76.5	201.8	367.5	29.2	396.7	7.4	55.7	648.8	870.5	66.4	936.9	7.1	66.0
February	441.0	500.2	36.3	536.5	6.8	75.9	195.4	372.1	28.9	401.1	7.2	56.2	636.4	872.3	65.2	937.6	7.0	66.0
March	443.0	499.9	37.9	537.7	7.0	75.9	202.7	371.0	28.0	399.0	7.0	55.8	645.7	870.8	65.9	936.7	7.0	65.8
April	443.1	502.2	36.0	538.1	6.7	75.9	196.6	373.7	28.8	402.5	7.2	56.3	639.8	875.9	64.8	940.7	6.9	66.0
May	443.4	504.3	37.7	542.1	7.0	76.3	199.8	379.3	28.0	407.4	6.9	56.9	643.2	883.7	65.8	949.4	6.9	66.6
June	442.6	500.7	45.0	545.6	8.2	76.7	205.6	386.0	24.7	410.7	6.0	57.3	648.2	886.7	69.6	956.3	7.3	66.9
July	442.0	496.5	43.3	539.7	8.0	75.8	202.6	389.1	27.3	416.4	6.6	58.0	644.6	885.5	70.6	956.2	7.4	66.8
August	443.8	499.8	41.7	541.5	7.7	75.9	206.7	384.9	24.9	409.9	6.1	57.0	650.5	884.8	66.6	951.4	7.0	66.4
September	443.6	506.0	41.2	547.2	7.5	76.6	198.0	386.7	28.0	414.7	6.7	57.6	641.6	892.7	69.1	961.9	7.2	67.0
October	443.7	505.4	42.4	547.9	7.7	76.5	201.0	387.6	24.7	412.3	6.0	57.1	644.7	893.1	67.2	960.2	7.0	66.8
November	442.6	503.8	41.5	545.4	7.6	76.0	202.3	384.8	26.2	411.0	6.4	56.8	644.9	888.6	67.8	956.4	7.1	66.4
December	445.3	507.4	43.5	550.8	7.9	76.6	211.0	384.6	26.6	411.1	6.5	56.7	656.2	891.9	70.1	962.0	7.3	66.6
TASMANIA																		
1997 —																		
October	99.3	112.4	15.6	128.0	12.2	70.4	40.7	80.9	9.5	90.4	10.5	48.1	140.1	193.3	25.1	218.4	11.5	59.1
November	96.6	111.9	15.6	127.5	12.3	70.2	42.0	82.5	8.8	91.3	9.6	48.6	138.6	194.4	24.4	218.8	11.2	59.2
December	96.2	109.9	16.9	126.8	13.3	69.7	41.8	82.5	8.6	91.1	9.4	48.4	138.0	192.3	25.5	217.9	11.7	58.9
1998 —																		
January	96.6	112.2	15.2	127.4	11.9	70.1	42.9	82.3	8.2	90.6	9.1	48.2	139.6	194.5	23.4	217.9	10.8	59.0
February	95.4	112.0	14.7	126.8	11.6	69.8	42.8	84.8	7.9	92.7	8.5	49.4	138.3	196.9	22.6	219.5	10.3	59.4
March	96.4	111.2	16.1	127.3	12.6	70.1	43.9	84.8	8.4	93.2	9.0	49.7	140.2	196.0	24.5	220.5	11.1	59.7
April	98.2	113.5	14.8	128.3	11.6	70.7	42.9	85.3	8.4	93.7	8.9	50.0	141.1	198.8	23.2	222.1	10.5	60.2
May	96.0	112.8	14.4	127.3	11.3	70.2	40.9	85.4	8.5	93.9	9.0	50.1	136.8	198.2	22.9	221.1	10.4	60.0
June	94.3	110.3	14.7	125.0	11.7	69.0	41.1	85.4	8.8	94.2	9.3	50.3	135.3	195.7	23.5	219.2	10.7	59.5
July	93.7	107.8	16.4	124.2	13.2	68.5	42.2	86.1	7.2	93.2	7.7	49.8	135.8	193.8	23.6	217.4	10.8	59.0
August	94.0	109.8	16.5	126.3	13.0	69.7	41.1	85.5	9.1	94.6	9.6	50.5	135.2	195.3	25.5	220.9	11.6	59.9
September	93.2	109.2	14.5	123.8	11.7	68.3	41.2	85.5	7.8	93.3	8.3	49.8	134.3	194.7	22.3	217.0	10.3	58.9
October	94.8	110.2	15.0	125.1	12.0	69.0	41.3	85.4	8.2	93.6	8.7	49.9	136.1	195.5	23.1	218.7	10.6	59.3
November	95.8	110.4	13.1	123.5	10.6	68.1	41.1	84.2	8.0	92.2	8.6	49.2	136.8	194.6	21.1	215.7	9.8	58.5
December	94.8	109.0	13.0	121.9	10.7	67.3	40.2	83.1	9.1	92.2	9.8	49.2	135.0	192.1	22.1	214.1	10.3	58.1

TABLE 9. CIVILIAN LABOUR FORCE, STATES AND TERRITORIES: TREND SERIES

Month	Males						Females						Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
	NEW SOUTH WALES																	
1997 —																		
October	1,428.3	1,603.8	142.4	1,746.2	8.2	71.8	718.7	1,205.8	97.4	1,303.1	7.5	51.7	2,147.1	2,809.6	239.7	3,049.3	7.9	61.5
November	1,432.1	1,609.3	140.1	1,749.4	8.0	71.8	718.2	1,209.0	96.5	1,305.5	7.4	51.7	2,150.4	2,818.3	236.6	3,054.9	7.7	61.6
December	1,434.4	1,613.3	137.5	1,750.8	7.9	71.8	717.1	1,211.3	95.8	1,307.1	7.3	51.7	2,151.4	2,824.7	233.3	3,058.0	7.6	61.6
1998 —																		
January	1,435.2	1,615.1	135.2	1,750.3	7.7	71.7	715.3	1,213.0	95.3	1,308.4	7.3	51.7	2,150.4	2,828.2	230.5	3,058.7	7.5	61.5
February	1,435.8	1,615.9	133.7	1,749.6	7.6	71.6	714.6	1,215.3	95.2	1,310.5	7.3	51.8	2,150.4	2,831.2	228.9	3,060.1	7.5	61.5
March	1,437.3	1,616.6	133.1	1,749.6	7.6	71.6	715.9	1,218.1	95.3	1,313.4	7.3	51.9	2,153.2	2,834.6	228.4	3,063.0	7.5	61.5
April	1,439.9	1,617.8	134.0	1,751.7	7.6	71.6	719.9	1,222.1	95.5	1,317.6	7.2	52.0	2,159.8	2,839.9	229.5	3,069.3	7.5	61.6
May	1,443.3	1,619.9	135.3	1,755.2	7.7	71.6	726.7	1,228.0	95.5	1,323.5	7.2	52.2	2,170.0	2,847.9	230.7	3,078.7	7.5	61.7
June r	1,447.1	1,623.2	136.1	1,759.3	7.7	71.7	734.2	1,234.6	95.6	1,330.2	7.2	52.4	2,181.3	2,857.8	231.6	3,089.4	7.5	61.9
July r	1,450.1	1,626.8	135.8	1,762.6	7.7	71.8	740.2	1,239.6	95.8	1,335.4	7.2	52.5	2,190.3	2,866.3	231.6	3,097.9	7.5	62.0
August r	1,451.8	1,629.9	134.4	1,764.3	7.6	71.8	743.2	1,242.2	96.0	1,338.2	7.2	52.6	2,195.0	2,872.1	230.4	3,102.5	7.4	62.0
September r	1,452.5	1,632.9	132.0	1,764.8	7.5	71.7	743.6	1,243.2	96.1	1,339.3	7.2	52.6	2,196.1	2,876.0	228.1	3,104.1	7.3	62.0
October r	1,452.5	1,635.7	129.0	1,764.8	7.3	71.6	742.4	1,243.5	96.0	1,339.5	7.2	52.5	2,194.9	2,879.3	225.0	3,104.3	7.2	61.9
November r	1,452.0	1,638.2	126.2	1,764.4	7.2	71.5	740.9	1,243.8	95.6	1,339.4	7.1	52.5	2,192.8	2,882.0	221.8	3,103.8	7.1	61.8
December	1,450.6	1,639.5	123.9	1,763.4	7.0	71.3	738.2	1,243.1	95.1	1,338.2	7.1	52.3	2,188.8	2,882.6	218.9	3,101.5	7.1	61.7
VICTORIA																		
1997 —																		
October	1,042.0	1,190.9	111.9	1,302.8	8.6	72.9	510.9	914.9	86.2	1,001.1	8.6	53.7	1,552.9	2,105.7	198.2	2,303.9	8.6	63.1
November	1,046.7	1,194.0	110.3	1,304.3	8.5	72.9	513.2	918.6	84.4	1,003.0	8.4	53.7	1,559.9	2,112.6	194.7	2,307.3	8.4	63.1
December	1,051.7	1,197.2	109.7	1,306.9	8.4	73.0	516.8	922.1	83.2	1,005.3	8.3	53.8	1,568.5	2,119.2	192.9	2,312.2	8.3	63.2
1998 —																		
January	1,056.0	1,200.5	110.2	1,310.7	8.4	73.1	521.1	925.1	82.5	1,007.7	8.2	53.9	1,577.2	2,125.7	192.7	2,318.4	8.3	63.3
February	1,058.8	1,204.2	111.0	1,315.1	8.4	73.3	524.7	927.1	82.6	1,009.7	8.2	53.9	1,583.6	2,131.3	193.6	2,324.8	8.3	63.4
March	1,059.6	1,207.4	111.6	1,319.0	8.5	73.5	527.3	928.9	83.4	1,012.2	8.2	54.0	1,586.9	2,136.3	195.0	2,331.3	8.4	63.5
April	1,059.1	1,210.6	111.6	1,322.1	8.4	73.5	528.8	931.2	84.6	1,015.8	8.3	54.1	1,587.8	2,141.8	196.2	2,338.0	8.4	63.6
May	1,058.3	1,213.2	110.7	1,323.9	8.4	73.5	529.4	933.9	86.0	1,019.9	8.4	54.3	1,587.7	2,147.2	196.7	2,343.9	8.4	63.7
June r	1,057.8	1,215.2	109.3	1,324.5	8.3	73.5	529.4	936.6	87.1	1,023.8	8.5	54.4	1,587.2	2,151.8	196.5	2,348.3	8.4	63.8
July r	1,057.8	1,216.3	107.5	1,323.9	8.1	73.4	529.2	938.6	87.5	1,026.1	8.5	54.5	1,587.0	2,154.9	195.1	2,350.0	8.3	63.7
August r	1,058.4	1,216.8	105.6	1,322.4	8.0	73.2	528.9	939.6	86.8	1,026.3	8.5	54.5	1,587.3	2,156.4	192.3	2,348.7	8.2	63.6
September r	1,058.9	1,217.1	103.8	1,320.9	7.9	73.1	528.7	939.8	85.0	1,024.8	8.3	54.3	1,587.6	2,156.9	188.8	2,345.7	8.0	63.5
October r	1,059.0	1,217.0	102.4	1,319.4	7.8	72.9	528.5	939.7	82.5	1,022.2	8.1	54.1	1,587.5	2,156.7	184.9	2,341.6	7.9	63.3
November r	1,058.8	1,216.5	101.3	1,317.8	7.7	72.7	528.3	939.3	79.8	1,019.1	7.8	53.9	1,587.1	2,155.8	181.0	2,336.8	7.7	63.1
December	1,058.6	1,216.0	100.5	1,316.4	7.6	72.5	528.0	938.8	76.8	1,015.6	7.6	53.6	1,586.6	2,154.7	177.3	2,332.0	7.6	62.8

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

Month	Males							Females					Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
	QUEENSLAND																	
1997 —																		
October	781.1	894.9	94.6	989.4	9.6	74.2	384.4	687.2	67.6	754.8	9.0	55.6	1,165.5	1,582.0	162.2	1,744.3	9.3	64.8
November	783.6	898.8	94.1	992.9	9.5	74.4	386.8	689.1	67.0	756.2	8.9	55.6	1,170.5	1,588.0	161.1	1,749.1	9.2	64.9
December	787.0	902.8	92.9	995.7	9.3	74.4	388.8	691.3	66.0	757.2	8.7	55.6	1,175.8	1,594.1	158.8	1,752.9	9.1	64.9
1998 —																		
January	790.5	906.2	91.1	997.3	9.1	74.4	390.2	694.0	64.6	758.6	8.5	55.6	1,180.6	1,600.2	155.7	1,755.9	8.9	64.9
February	793.2	908.4	89.5	997.9	9.0	74.3	391.2	697.1	63.6	760.6	8.4	55.7	1,184.4	1,605.5	153.1	1,758.6	8.7	64.9
March	794.4	909.1	88.4	997.5	8.9	74.2	391.5	700.4	63.0	763.4	8.3	55.8	1,185.9	1,609.5	151.3	1,760.9	8.6	64.9
April	794.3	908.4	88.4	996.8	8.9	74.0	391.1	703.4	62.6	766.0	8.2	55.9	1,185.4	1,611.9	150.9	1,762.8	8.6	64.9
May	793.5	907.4	89.7	997.0	9.0	73.9	390.1	705.2	62.5	767.7	8.1	55.9	1,183.5	1,612.5	152.2	1,764.7	8.6	64.8
June r	793.2	907.1	91.7	998.7	9.2	73.9	388.7	705.5	62.8	768.3	8.2	55.9	1,181.8	1,612.5	154.5	1,767.0	8.7	64.8
July r	794.6	909.0	93.2	1,002.2	9.3	74.1	387.4	704.9	63.3	768.2	8.2	55.8	1,182.0	1,613.9	156.5	1,770.4	8.8	64.9
August r	797.6	913.1	93.5	1,006.6	9.3	74.3	386.9	704.4	63.8	768.2	8.3	55.7	1,184.6	1,617.5	157.4	1,774.8	8.9	64.9
September r	801.6	918.5	92.4	1,010.9	9.1	74.5	387.6	704.2	64.3	768.5	8.4	55.7	1,189.2	1,622.7	156.7	1,779.4	8.8	65.0
October r	805.5	924.1	90.5	1,014.6	8.9	74.6	389.4	704.7	64.6	769.2	8.4	55.6	1,194.8	1,628.7	155.0	1,783.8	8.7	65.0
November r	808.9	929.3	88.3	1,017.6	8.7	74.7	391.6	705.4	64.8	770.2	8.4	55.6	1,200.5	1,634.6	153.1	1,787.8	8.6	65.1
December	811.3	933.7	86.1	1,019.8	8.4	74.8	393.9	706.2	64.6	770.9	8.4	55.5	1,205.2	1,640.0	150.8	1,790.7	8.4	65.1
SOUTH AUSTRALIA																		
1997 —																		
October	324.7	374.2	43.4	417.6	10.4	71.6	145.8	288.1	27.9	315.9	8.8	52.3	470.5	662.2	71.3	733.5	9.7	61.8
November	324.2	373.1	43.4	416.6	10.4	71.4	146.1	287.2	28.0	315.3	8.9	52.2	470.3	660.4	71.5	731.9	9.8	61.6
December	323.4	371.8	43.2	415.1	10.4	71.1	146.9	285.8	28.3	314.2	9.0	52.0	470.3	657.7	71.6	729.2	9.8	61.4
1998 —																		
January	322.3	370.4	42.8	413.2	10.4	70.7	147.6	283.9	28.7	312.6	9.2	51.7	469.9	654.4	71.5	725.8	9.8	61.0
February	320.9	369.1	42.2	411.3	10.3	70.4	147.7	281.4	29.1	310.5	9.4	51.3	468.6	650.5	71.3	721.8	9.9	60.7
March	319.4	367.9	41.7	409.6	10.2	70.0	147.1	278.5	29.4	308.0	9.6	50.9	466.5	646.5	71.2	717.6	9.9	60.3
April	318.4	367.2	41.6	408.8	10.2	69.9	146.1	275.8	29.8	305.5	9.7	50.5	464.5	642.9	71.4	714.3	10.0	60.0
May	318.3	367.0	41.8	408.8	10.2	69.8	145.3	273.8	30.0	303.8	9.9	50.1	463.6	640.8	71.8	712.6	10.1	59.8
June r	319.3	367.3	42.3	409.6	10.3	69.9	145.0	273.1	30.0	303.1	9.9	50.0	464.2	640.5	72.2	712.7	10.1	59.8
July r	320.8	368.1	42.8	410.9	10.4	70.1	145.2	274.2	29.6	303.8	9.7	50.1	466.0	642.4	72.4	714.7	10.1	59.9
August r	322.3	369.2	43.2	412.4	10.5	70.4	145.9	276.8	28.8	305.7	9.4	50.4	468.1	646.0	72.1	718.0	10.0	60.2
September r	323.3	370.2	43.4	413.6	10.5	70.5	146.7	280.2	27.9	308.1	9.1	50.7	470.0	650.4	71.3	721.6	9.9	60.5
October r	323.8	371.2	43.4	414.5	10.5	70.6	147.2	283.6	26.9	310.4	8.7	51.1	471.1	654.7	70.2	724.9	9.7	60.7
November r	324.0	372.1	43.2	415.3	10.4	70.7	147.6	286.6	25.9	312.5	8.3	51.4	471.5	658.7	69.1	727.8	9.5	60.9
December	323.7	372.6	43.2	415.8	10.4	70.7	147.7	289.2	25.1	314.3	8.0	51.6	471.3	661.8	68.3	730.1	9.4	61.0

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

Month	Males						Females						Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
	WESTERN AUSTRALIA																	
1997 —																		
October	442.5	499.5	37.8	537.2	7.0	76.5	197.9	367.3	27.0	394.4	6.9	55.6	640.4	866.8	64.8	931.6	7.0	66.0
November	443.5	500.7	37.4	538.2	7.0	76.5	198.4	367.4	27.5	394.9	7.0	55.6	641.9	868.1	65.0	933.1	7.0	66.0
December	444.0	501.5	37.1	538.6	6.9	76.4	198.5	367.3	28.1	395.4	7.1	55.5	642.5	868.8	65.2	934.0	7.0	65.9
1998 —																		
January	444.2	501.9	36.8	538.8	6.8	76.3	198.6	367.7	28.6	396.4	7.2	55.6	642.7	869.7	65.4	935.1	7.0	65.9
February	443.9	502.0	36.9	538.9	6.8	76.2	198.8	369.4	28.8	398.3	7.2	55.8	642.7	871.5	65.7	937.2	7.0	66.0
March	443.5	501.8	37.4	539.2	6.9	76.1	199.4	372.4	28.6	401.0	7.1	56.1	642.8	874.2	66.0	940.2	7.0	66.1
April	443.0	501.2	38.4	539.6	7.1	76.1	200.3	376.2	28.0	404.2	6.9	56.5	643.3	877.4	66.4	943.9	7.0	66.3
May	442.7	500.8	39.7	540.4	7.3	76.1	201.4	380.0	27.4	407.4	6.7	56.9	644.1	880.8	67.0	947.8	7.1	66.4
June r	442.8	500.6	41.0	541.6	7.6	76.2	202.1	383.3	26.8	410.1	6.5	57.2	644.9	883.9	67.7	951.7	7.1	66.6
July r	443.0	500.9	41.9	542.8	7.7	76.2	202.4	385.6	26.3	412.0	6.4	57.4	645.4	886.5	68.3	954.8	7.2	66.7
August r	443.1	501.7	42.3	544.0	7.8	76.2	202.5	386.7	26.1	412.9	6.3	57.4	645.7	888.4	68.5	956.8	7.2	66.8
September r	443.3	502.8	42.4	545.1	7.8	76.3	202.7	386.8	26.1	412.9	6.3	57.3	646.0	889.6	68.4	958.0	7.1	66.8
October r	443.6	504.1	42.3	546.4	7.7	76.3	203.2	386.5	26.1	412.6	6.3	57.2	646.8	890.6	68.4	959.0	7.1	66.7
November r	443.9	505.4	42.3	547.7	7.7	76.3	204.0	386.0	26.1	412.1	6.3	57.0	647.8	891.4	68.4	959.8	7.1	66.6
December	444.2	506.6	42.1	548.8	7.7	76.3	204.9	385.2	26.3	411.5	6.4	56.8	649.0	891.9	68.4	960.3	7.1	66.5
TASMANIA																		
1997 —																		
October	97.5	111.9	15.2	127.1	12.0	69.9	40.3	80.9	9.6	90.5	10.6	48.1	137.8	192.8	24.8	217.6	11.4	58.8
November	97.2	111.7	15.5	127.3	12.2	70.0	41.3	81.6	9.2	90.8	10.1	48.3	138.5	193.3	24.7	218.0	11.3	59.0
December	96.9	111.6	15.7	127.3	12.3	70.0	42.2	82.4	8.7	91.1	9.6	48.5	139.1	194.0	24.4	218.5	11.2	59.1
1998 —																		
January	96.6	111.7	15.7	127.4	12.3	70.1	42.8	83.3	8.4	91.7	9.1	48.8	139.4	195.0	24.1	219.1	11.0	59.3
February	96.5	112.0	15.5	127.4	12.1	70.2	43.0	84.1	8.2	92.3	8.9	49.2	139.5	196.1	23.7	219.7	10.8	59.5
March	96.4	112.1	15.2	127.3	11.9	70.1	42.9	84.7	8.2	93.0	8.8	49.5	139.3	196.9	23.4	220.3	10.6	59.7
April	96.2	112.0	15.1	127.0	11.9	70.0	42.5	85.2	8.3	93.5	8.9	49.8	138.7	197.2	23.4	220.5	10.6	59.8
May	95.7	111.4	15.2	126.6	12.0	69.8	42.1	85.5	8.3	93.9	8.9	50.1	137.7	197.0	23.5	220.5	10.7	59.8
June r	95.0	110.7	15.4	126.1	12.2	69.5	41.7	85.7	8.3	94.0	8.8	50.2	136.6	196.4	23.7	220.1	10.8	59.7
July r	94.4	110.0	15.5	125.5	12.3	69.2	41.4	85.7	8.2	94.0	8.8	50.2	135.8	195.7	23.7	219.5	10.8	59.5
August r	94.1	109.6	15.4	125.0	12.3	69.0	41.3	85.6	8.2	93.8	8.7	50.0	135.4	195.2	23.5	218.7	10.8	59.3
September r	94.1	109.5	15.0	124.5	12.1	68.7	41.2	85.3	8.2	93.5	8.7	49.9	135.3	194.7	23.2	217.9	10.6	59.1
October r	94.4	109.5	14.5	124.0	11.7	68.4	41.1	84.9	8.2	93.1	8.8	49.7	135.5	194.4	22.7	217.1	10.5	58.9
November r	94.7	109.6	14.0	123.5	11.3	68.2	40.9	84.4	8.3	92.8	9.0	49.5	135.6	194.0	22.3	216.3	10.3	58.7
December	95.1	109.7	13.4	123.1	10.9	67.9	40.7	84.0	8.4	92.4	9.1	49.3	135.8	193.7	21.8	215.6	10.1	58.4

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

Month	Males						Females						Persons					
	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate	Employed		Unemp- loyed - '000 -	Labour force	Unemp- loyment rate - per cent -	Partic- ipation rate
	Full-time workers	Total					Full-time workers	Total					Full-time workers	Total				
NORTHERN TERRITORY																		
1997 —																		
October	41.7	47.1	2.2	49.3	4.5	75.6	27.1	39.2	1.7	40.9	4.1	63.7	68.8	86.3	3.9	90.2	4.3	69.7
November	42.6	47.6	2.1	49.7	4.3	76.0	27.5	39.4	1.7	41.1	4.2	63.8	70.1	87.0	3.9	90.8	4.2	70.0
December	43.4	48.1	2.2	50.3	4.4	76.7	27.4	39.3	1.9	41.2	4.5	63.9	70.7	87.5	4.1	91.5	4.4	70.3
1998 —																		
January	43.8	48.4	2.4	50.8	4.8	77.1	27.0	39.2	2.0	41.2	4.8	63.7	70.8	87.6	4.4	92.0	4.8	70.5
February	43.8	48.4	2.7	51.1	5.4	77.2	26.7	39.0	2.0	41.0	4.8	63.3	70.4	87.4	4.7	92.1	5.1	70.3
March	43.5	48.2	3.0	51.2	5.9	77.1	26.5	38.8	1.9	40.7	4.6	62.8	70.0	87.0	4.9	91.9	5.4	70.0
April	43.3	48.0	3.2	51.2	6.3	76.8	26.7	38.9	1.7	40.5	4.2	62.4	70.0	86.9	4.9	91.8	5.4	69.7
May	43.3	48.2	3.3	51.4	6.4	76.7	27.1	39.1	1.5	40.5	3.6	62.3	70.3	87.2	4.7	92.0	5.1	69.6
June r	43.4	48.6	3.2	51.8	6.2	76.8	27.4	39.4	1.3	40.7	3.1	62.4	70.8	88.0	4.5	92.4	4.8	69.7
July r	43.6	49.2	3.0	52.2	5.8	77.1	27.7	39.8	1.2	40.9	2.9	62.7	71.4	88.9	4.2	93.1	4.5	70.0
August r	43.9	49.8	2.8	52.6	5.4	77.4	28.1	40.2	1.2	41.3	2.8	63.2	71.9	89.9	4.0	93.9	4.3	70.5
September r	44.1	50.3	2.7	53.0	5.1	77.6	28.5	40.6	1.2	41.9	3.0	63.9	72.6	90.9	3.9	94.8	4.1	70.9
October (a) r	44.3	50.7	2.5	53.2	4.7	77.8	28.9	41.2	1.3	42.5	3.2	64.8	73.3	91.8	3.9	95.7	4.0	71.5
November (a) r	44.5	50.9	2.3	53.3	4.4	77.9	29.4	41.7	1.4	43.1	3.3	65.6	73.8	92.6	3.8	96.4	3.9	71.9
December (a)	44.5	51.1	2.2	53.4	4.2	77.8	29.8	42.2	1.5	43.8	3.5	66.5	74.3	93.4	3.8	97.1	3.9	72.3
AUSTRALIAN CAPITAL TERRITORY																		
1997 —																		
October	72.9	84.4	7.6	92.0	8.3	79.6	46.8	71.3	6.3	77.5	8.1	64.9	119.7	155.6	13.9	169.5	8.2	72.1
November	72.6	84.1	7.6	91.7	8.3	79.3	46.6	71.1	6.1	77.2	7.9	64.6	119.2	155.3	13.7	169.0	8.1	71.8
December	72.4	84.0	7.5	91.5	8.2	79.0	46.4	71.3	5.9	77.2	7.6	64.5	118.8	155.3	13.4	168.7	7.9	71.6
1998 —																		
January	72.3	83.9	7.4	91.3	8.1	78.7	46.3	71.8	5.5	77.4	7.1	64.6	118.6	155.7	12.9	168.6	7.6	71.5
February	72.5	83.8	7.2	91.1	7.9	78.4	46.2	72.6	5.2	77.7	6.6	64.8	118.7	156.4	12.4	168.8	7.3	71.5
March	72.7	83.9	7.2	91.1	7.9	78.3	46.3	73.5	4.8	78.3	6.2	65.3	119.0	157.4	12.0	169.4	7.1	71.7
April	72.9	83.9	7.2	91.1	8.0	78.5	46.4	74.4	4.6	78.9	5.8	65.8	119.3	158.2	11.8	170.1	6.9	72.1
May	72.9	83.9	7.3	91.2	8.0	78.7	46.3	74.9	4.4	79.4	5.6	66.3	119.2	158.8	11.7	170.5	6.9	72.4
June r	72.6	83.9	7.3	91.2	8.0	78.8	46.0	75.0	4.4	79.4	5.6	66.4	118.6	158.9	11.7	170.6	6.9	72.5
July r	72.2	83.9	7.2	91.1	7.9	78.7	45.6	74.6	4.5	79.1	5.6	66.1	117.9	158.5	11.7	170.2	6.9	72.3
August r	71.9	83.9	7.1	91.0	7.8	78.7	45.5	74.1	4.4	78.5	5.6	65.7	117.3	158.0	11.5	169.5	6.8	72.1
September r	71.6	84.0	6.9	90.9	7.6	78.5	45.6	73.5	4.4	77.9	5.6	65.1	117.2	157.5	11.3	168.7	6.7	71.7
October (a) r	71.4	84.0	6.7	90.7	7.4	78.3	45.9	73.1	4.2	77.3	5.5	64.6	117.3	157.0	10.9	168.0	6.5	71.3
November (a) r	71.3	84.0	6.5	90.5	7.2	78.1	46.2	72.8	4.1	76.9	5.3	64.1	117.6	156.8	10.6	167.4	6.3	71.0
December (a)	71.3	84.0	6.3	90.3	7.0	77.8	46.7	72.6	4.0	76.6	5.2	63.8	118.1	156.6	10.3	166.9	6.2	70.7

(a) These estimates may be subject to significant revisions as data for later months become available.

TABLE 10. CIVILIAN LABOUR FORCE, BY AGE, DECEMBER 1998

Age group	Number ('000)					Participation rate (per cent)				
	Females				Persons	Females				Persons
	Males	Married	Not married	Total		Males	Married	Not married	Total	
15-64	5,288.6	2,339.4	1,738.8	4,078.2	9,366.8	83.7	62.3	69.4	65.2	74.5
15-19	420.9	13.8	391.9	405.7	826.6	62.5	61.8	63.6	63.6	63.0
20-24	605.3	128.9	401.8	530.7	1,136.0	88.2	70.8	83.1	79.7	84.0
25-34	1,333.0	590.1	404.9	995.1	2,328.1	92.8	63.5	78.5	68.9	80.8
35-44	1,317.8	751.2	267.9	1,019.0	2,336.9	92.0	69.5	71.9	70.1	81.0
45-54	1,106.7	661.0	205.5	866.5	1,973.2	87.8	69.9	69.5	69.8	78.8
55-59	333.2	146.0	47.7	193.6	526.8	72.8	43.3	46.1	44.0	58.7
60-64	171.7	48.4	19.1	67.5	239.2	45.8	18.8	16.3	18.0	31.9
65 and over	97.2	21.4	16.4	37.8	135.1	9.7	3.9	2.2	2.9	5.9
Total	5,385.8	2,360.8	1,755.2	4,116.0	9,501.8	73.5	54.8	54.2	54.5	63.9

TABLE 11. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 15 TO 19: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, DECEMBER 1998

	Employed		Unemployed			Labour force	Not in labour force	Civilian population aged 15-19	Unemployment rate - per cent -	Participation rate
	Full-time workers	Total	Looking for full-time work	Looking for part-time work - '000 -	Total					
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL TIME (a)										
Males	142.2	198.3	44.2	7.2	51.4	249.7	48.1	297.7	20.6	83.9
Females	76.6	156.5	29.7	9.3	38.9	195.4	57.0	252.5	19.9	77.4
Persons	218.8	354.8	73.9	16.4	90.3	445.1	105.1	550.2	20.3	80.9
Left school —										
Before 1996	38.5	46.8	12.0	* 0.4	12.4	59.2	12.2	71.4	21.0	83.0
1996	69.7	90.3	19.8	* 2.8	22.6	113.0	17.4	130.3	20.0	86.7
1997 to survey date	110.6	217.7	42.1	13.2	55.2	272.9	75.3	348.2	20.2	78.4
Age —										
15	* 3.6	5.6	* 2.5	* 1.1	* 3.6	9.2	5.8	14.9	* 39.5	61.5
16	12.8	19.3	9.2	* 0.7	10.0	29.2	7.9	37.1	34.0	78.8
17	38.5	84.5	18.6	7.1	25.7	110.2	30.1	140.3	23.3	78.5
18	70.6	119.7	23.6	5.5	29.1	148.8	37.2	186.0	19.5	80.0
19	93.3	125.7	19.8	* 2.1	21.9	147.6	24.1	171.7	14.8	86.0
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	9.6	39.3	* 3.9	* 3.3	7.2	46.5	27.2	73.7	15.5	63.1
Females	7.5	55.8	4.1	4.3	8.5	64.3	21.5	85.7	13.2	74.9
Persons	17.1	95.1	8.0	7.6	15.7	110.8	48.7	159.5	14.1	69.5
Left school —										
Before 1996	* 0.7	* 3.0	* 0.5	* 0.0	* 0.5	* 3.5	* 3.0	6.5	* 13.6	* 54.3
1996	6.4	34.4	* 1.7	* 2.0	* 3.7	38.1	10.7	48.8	* 9.7	78.0
1997 to survey date	9.9	57.7	5.9	5.6	11.5	69.2	35.0	104.2	16.6	66.4
Age —										
15 and 16	* 0.0	* 0.0	* 0.2	* 0.0	* 0.2	* 0.2	* 2.4	* 2.6	* 100.0	* 7.5
17	* 0.6	6.3	* 0.7	* 1.5	* 2.2	8.6	7.3	15.9	* 26.1	54.1
18	6.3	30.9	4.2	4.2	8.3	39.2	17.1	56.3	21.3	69.7
19	10.2	57.9	* 3.0	* 1.9	4.9	62.8	21.9	84.7	7.8	74.1
ATTENDING SCHOOL										
Males	8.6	92.1	4.5	28.1	32.6	124.7	177.3	302.1	26.1	41.3
Females	4.5	115.2	* 3.4	27.5	30.8	146.0	154.2	300.2	21.1	48.7
Persons	13.1	207.3	7.9	55.6	63.5	270.8	331.5	602.3	23.4	45.0
Age —										
15	* 1.2	68.0	* 2.4	25.5	27.9	95.9	153.4	249.3	29.1	38.5
16	7.1	91.9	* 3.0	19.6	22.6	114.5	109.8	224.3	19.8	51.0
17	* 3.8	41.1	* 2.0	9.1	11.1	52.2	54.7	106.9	21.2	48.8
18 and 19	* 1.1	6.3	* 0.5	* 1.4	* 1.9	8.2	13.5	21.7	* 23.1	37.7
TOTAL										
Males	160.4	329.7	52.6	38.6	91.2	420.9	252.6	673.5	21.7	62.5
Females	88.6	327.5	37.2	41.1	78.3	405.7	232.7	638.4	19.3	63.6
Persons	249.0	657.2	89.8	79.6	169.4	826.6	485.3	1,311.9	20.5	63.0
Age —										
15	4.8	73.6	4.9	26.6	31.5	105.1	159.4	264.5	30.0	39.7
16	19.8	111.1	12.4	20.4	32.8	143.9	119.9	263.8	22.8	54.5
17	42.9	132.0	21.4	17.7	39.0	171.0	92.1	263.1	22.8	65.0
18	77.7	156.7	28.3	10.8	39.1	195.8	65.0	260.7	20.0	75.1
19	103.7	183.8	22.8	4.2	27.1	210.9	48.9	259.8	12.8	81.2

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

TABLE 12. LABOUR FORCE STATUS OF THE CIVILIAN POPULATION AGED 20-24: FULL-TIME ATTENDANCE AT A TERTIARY EDUCATIONAL INSTITUTION, DECEMBER 1998

	<i>Employed</i>		<i>Unemployed</i>			<i>Labour force</i>	<i>Not in labour force</i>	<i>Civilian population aged 20-24</i>	<i>Unemployment rate - per cent -</i>	<i>Participation rate</i>
	<i>Full-time workers</i>	<i>Total</i>	<i>Looking for full-time work</i>	<i>Looking for part-time work - '000 -</i>	<i>Total</i>					
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	424.2	483.6	54.1	* 1.8	56.0	539.5	44.5	584.1	10.4	92.4
Females	305.4	416.0	39.2	4.2	43.4	459.3	99.2	558.5	9.4	82.2
Persons	729.6	899.5	93.3	6.0	99.4	998.9	143.7	1,142.6	9.9	87.4
Age —										
20	114.5	149.2	20.4	* 1.6	22.0	171.2	21.4	192.7	12.9	88.9
21	122.7	159.5	22.9	* 0.6	23.6	183.1	24.1	207.2	12.9	88.4
22	150.4	186.1	15.1	* 1.9	17.0	203.1	31.8	235.0	8.4	86.4
23	168.0	197.3	18.3	* 0.5	18.8	216.1	32.3	248.5	8.7	87.0
24	174.0	207.4	16.6	* 1.3	18.0	225.3	34.0	259.3	8.0	86.9
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL TIME										
Males	17.7	55.5	6.6	* 3.6	10.3	65.8	36.4	102.2	15.6	64.4
Females	14.1	64.4	* 2.2	4.7	6.9	71.4	35.6	106.9	9.7	66.7
Persons	31.8	119.9	8.9	8.3	17.2	137.1	72.0	209.1	12.5	65.6
Age —										
20	9.5	42.2	* 3.5	4.3	7.8	50.0	20.2	70.2	15.6	71.3
21	9.5	38.9	* 0.9	* 0.6	* 1.5	40.4	17.7	58.1	* 3.7	69.6
22	5.9	19.8	* 1.4	* 0.9	* 2.3	22.1	11.4	33.5	* 10.6	66.0
23	* 3.5	9.7	* 2.2	* 1.5	* 3.6	13.3	12.2	25.5	* 27.2	52.3
24	* 3.5	9.3	* 0.9	* 1.1	* 1.9	11.2	10.5	21.8	* 17.1	51.5
TOTAL										
Males	441.9	539.1	60.8	5.5	66.2	605.3	80.9	686.2	10.9	88.2
Females	319.5	480.4	41.4	8.9	50.3	530.7	134.8	665.5	9.5	79.7
Persons	761.4	1,019.5	102.2	14.4	116.6	1,136.0	215.7	1,351.7	10.3	84.0
Age —										
20	124.1	191.4	23.9	6.0	29.8	221.3	41.6	262.9	13.5	84.2
21	132.2	198.4	23.9	* 1.2	25.1	223.5	41.8	265.3	11.2	84.3
22	156.3	205.9	16.5	* 2.8	19.4	225.2	43.3	268.5	8.6	83.9
23	171.5	207.0	20.4	* 2.0	22.4	229.5	44.5	274.0	9.8	83.7
24	177.4	216.7	17.5	* 2.4	19.9	236.5	44.5	281.1	8.4	84.2

TABLE 13. LABOUR FORCE PARTICIPATION RATES(a), BY AGE AND BIRTHPLACE, DECEMBER 1998 (per cent)

<i>Age group</i>	<i>Born in Australia</i>			<i>Born outside Australia</i>		
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
15-64	85.3	67.8	76.6	80.5	58.1	69.5
15-19	65.4	66.5	65.9	47.1	44.0	45.6
20-24	91.0	82.0	86.6	77.4	68.6	73.1
25-34	93.8	70.1	81.9	91.0	64.9	77.8
35-44	92.9	72.1	82.5	90.8	66.0	78.0
45-54	88.7	72.1	80.4	86.8	65.5	76.4
55-59	73.5	47.9	60.8	72.4	37.1	55.5
60-64	47.4	20.0	33.0	44.1	14.6	30.7
65 and over	11.5	3.7	7.0	8.2	2.4	5.3
Total	76.7	58.2	67.3	68.7	48.8	58.9

(a) Calculated using population estimates which exclude those in institutions.

TABLE 14. CIVILIAN LABOUR FORCE BY BIRTHPLACE(a), DECEMBER 1998

	Employed		Unemployed		Labour force	Unemployment rate - per cent -	Participation rate(b)
	Full-time workers	Total	Looking for full-time work - '000 -	Total			
MALES							
Born in Australia	3,246.4	3,714.2	260.5	306.7	4,020.9	7.6	76.7
Born outside Australia	1,104.7	1,257.5	96.3	107.4	1,364.9	7.9	68.7
Main English Speaking Countries	479.8	534.1	34.6	36.8	571.0	6.5	74.1
Other Countries	624.9	723.4	61.7	70.5	793.9	8.9	65.4
Oceania	132.6	148.4	11.8	12.7	161.1	7.9	83.4
New Zealand	106.4	116.7	7.6	8.0	124.6	6.4	84.5
Europe and the Former USSR	614.8	690.1	44.5	49.1	739.2	6.6	63.6
Germany	25.1	28.0	* 3.1	* 3.7	31.7	* 11.7	63.2
Greece	30.8	34.6	* 0.6	* 0.6	35.1	* 1.7	50.6
Italy	60.3	67.1	* 3.1	* 3.1	70.2	* 4.4	50.9
Netherlands	26.8	29.3	* 1.3	* 1.3	30.6	* 4.4	63.7
UK and Ireland	327.3	365.1	24.8	26.4	391.5	6.7	70.0
Former Yugoslav Republics	48.6	56.3	4.9	5.5	61.8	8.9	60.0
The Middle East and North Africa	47.0	56.5	12.2	13.1	69.7	18.9	66.4
Lebanon	18.8	23.3	4.8	5.7	29.0	19.8	65.1
Southeast Asia	109.4	126.9	13.4	15.8	142.6	11.1	75.3
Malaysia	20.6	24.4	* 1.8	* 2.5	26.9	* 9.1	79.7
Philippines	19.7	22.1	* 1.4	* 1.4	23.4	* 5.8	81.0
Viet Nam	40.8	46.0	7.4	8.6	54.6	15.7	77.5
Northeast Asia	59.6	73.2	* 3.8	4.6	77.7	5.9	62.0
China	32.3	38.9	* 0.8	* 0.9	39.8	* 2.2	66.5
The Americas	48.0	55.6	* 2.8	* 3.1	58.7	* 5.3	79.1
Other	93.4	106.9	7.7	9.0	115.9	7.8	85.2
India	27.8	32.0	* 2.0	* 2.6	34.7	* 7.6	81.0
FEMALES							
Born in Australia	1,667.4	2,946.8	143.1	215.9	3,162.7	6.8	58.2
Born outside Australia	522.3	876.9	52.4	76.5	953.3	8.0	48.8
Main English Speaking Countries	227.4	386.6	17.2	25.4	412.0	6.2	55.7
Other Countries	295.0	490.2	35.1	51.1	541.4	9.4	44.6
Oceania	66.6	109.2	8.8	11.6	120.7	9.6	65.2
New Zealand	51.2	85.1	6.0	8.5	93.6	9.1	70.5
Europe and the Former USSR	258.9	453.7	20.1	29.5	483.2	6.1	44.4
Germany	15.2	25.1	* 1.1	* 1.1	26.2	* 4.0	48.8
Greece	11.5	19.3	* 0.7	* 1.1	20.4	* 5.6	32.3
Italy	18.6	34.9	* 1.3	* 1.9	36.8	* 5.1	30.1
Netherlands	7.2	16.0	* 0.3	* 1.1	17.0	* 6.2	40.3
UK and Ireland	148.7	259.0	9.4	14.3	273.3	5.2	50.7
Former Yugoslav Republics	19.5	29.5	* 2.4	* 3.6	33.1	* 10.8	38.7
The Middle East and North Africa	14.0	24.6	4.3	5.7	30.3	18.8	32.8
Lebanon	4.5	7.8	* 1.7	* 2.0	9.8	* 20.3	26.0
Southeast Asia	78.8	118.2	9.6	14.0	132.2	10.6	55.2
Malaysia	14.3	21.0	* 1.6	* 1.8	22.8	* 7.8	56.6
Philippines	23.1	34.4	* 1.1	* 2.4	36.8	* 6.5	61.3
Viet Nam	22.4	28.9	4.6	5.9	34.9	17.0	48.0
Northeast Asia	35.4	56.4	* 3.8	6.4	62.8	10.2	46.5
China	18.6	27.8	* 2.2	* 3.4	31.1	* 10.9	45.4
The Americas	27.7	44.0	* 2.0	* 2.9	46.9	* 6.2	59.4
Other	40.9	70.8	* 3.8	6.4	77.2	8.3	57.6
India	12.5	22.4	* 1.0	* 1.2	23.6	* 5.0	60.5
PERSONS							
Born in Australia	4,913.8	6,661.0	403.7	522.6	7,183.6	7.3	67.3
Born outside Australia	1,627.0	2,134.4	148.7	183.9	2,318.2	7.9	58.9
Main English Speaking Countries	707.2	920.7	51.9	62.2	983.0	6.3	65.0
Other Countries	919.8	1,213.6	96.8	121.6	1,335.3	9.1	55.0
Oceania	199.2	257.5	20.7	24.3	281.8	8.6	74.4
New Zealand	157.6	201.8	13.6	16.5	218.3	7.5	77.9
Europe and the Former USSR	873.7	1,143.8	64.7	78.6	1,222.4	6.4	54.3
Germany	40.3	53.2	4.2	4.8	57.9	8.2	55.7
Greece	42.4	53.9	* 1.3	* 1.7	55.6	* 3.1	41.9
Italy	78.8	102.0	4.4	5.0	107.0	4.6	41.1
Netherlands	34.0	45.3	* 1.7	* 2.4	47.7	* 5.0	52.8
UK and Ireland	476.0	624.1	34.2	40.7	664.8	6.1	60.5
Former Yugoslav Republics	68.1	85.8	7.3	9.1	94.8	9.5	50.3
The Middle East and North Africa	61.0	81.1	16.5	18.8	100.0	18.8	50.6
Lebanon	23.3	31.0	6.5	7.7	38.8	19.9	47.2
Southeast Asia	188.2	245.1	23.0	29.8	274.9	10.8	64.1
Malaysia	34.9	45.4	* 3.4	4.2	49.6	8.5	67.1
Philippines	42.8	56.4	* 2.4	* 3.8	60.2	* 6.3	67.7
Viet Nam	63.2	74.9	11.9	14.5	89.5	16.2	62.5
Northeast Asia	95.0	129.6	7.6	11.0	140.5	7.8	54.0
China	51.0	66.7	* 3.0	4.2	70.9	6.0	55.2
The Americas	75.8	99.6	4.8	6.0	105.6	5.7	69.0
Other	134.3	177.7	11.5	15.4	193.1	8.0	71.5
India	40.3	54.4	* 3.0	* 3.8	58.2	* 6.5	71.3

(a) See paragraph 51 of the Explanatory Notes. (b) Calculated using population estimates which exclude those in institutions.

TABLE 15. CIVILIAN LABOUR FORCE BORN OUTSIDE AUSTRALIA: BIRTHPLACE AND PERIOD OF ARRIVAL IN AUSTRALIA, DECEMBER 1998

Period of arrival	Born outside Australia												Total Persons	
	Oceania		Europe & the Former USSR		The Middle East and North Africa		South-east Asia	North-east Asia	The Americas	Other	Total Females			
	New Zealand	Other count- ries	U.K. and Ireland	Other count- ries	East Africa	South-east Asia					Males	Married		Total
							EMPLOYED ('000)	UNEMPLOYED ('000)	LABOUR FORCE ('000)					
Before 1976	36.0	11.1	392.4	367.7	31.8	29.4	13.0	33.9	41.2	582.2	289.1	374.3	956.5	
1976 — 1980	38.6	8.4	51.3	27.6	14.0	47.3	9.6	12.2	14.6	122.3	63.9	101.4	223.7	
1981 — 1985	28.9	10.5	60.4	43.6	10.5	46.7	12.2	15.8	24.1	141.6	67.5	111.1	252.7	
1986 — 1990	44.8	14.1	59.3	30.1	12.7	70.1	51.1	14.8	49.1	205.2	95.5	140.9	346.2	
1991 — 1995	21.2	9.1	31.2	34.4	9.9	39.0	29.4	11.7	29.1	125.2	60.0	90.0	215.2	
1996 to survey date	32.3	* 2.5	29.4	16.3	* 2.1	12.6	14.2	11.2	19.6	81.1	33.4	59.1	140.2	
	UNEMPLOYED ('000)													
Before 1976	* 2.0	* 0.8	26.2	20.3	* 3.7	* 1.5	* 0.0	* 1.1	* 2.4	37.1	10.7	20.9	58.0	
1976 — 1980	* 2.1	* 0.6	4.3	* 1.2	* 2.8	* 3.4	* 0.7	* 1.1	* 1.7	13.3	* 2.3	4.7	18.0	
1981 — 1985	* 1.7	* 1.7	* 2.3	* 5.8	* 3.1	6.2	* 1.0	* 0.5	* 0.6	11.8	* 3.3	11.2	23.0	
1986 — 1990	6.0	* 2.5	* 3.1	* 3.8	* 2.4	9.3	* 3.7	* 1.7	4.0	18.7	7.3	17.7	36.4	
1991 — 1995	* 2.2	* 1.1	* 3.0	* 3.9	4.1	6.1	* 3.6	* 1.5	* 3.8	16.7	7.1	12.6	29.3	
1996 to survey date	* 2.4	* 1.2	* 1.8	* 2.9	* 2.7	* 3.2	* 2.0	* 0.1	* 3.0	9.8	6.7	9.4	19.3	
	LABOUR FORCE ('000)													
Before 1976	38.1	11.8	418.6	388.0	35.5	31.0	13.0	34.9	43.6	619.3	299.8	395.2	1,014.5	
1976 — 1980	40.7	9.0	55.6	28.8	16.9	50.8	10.3	13.3	16.3	135.6	66.2	106.1	241.7	
1981 — 1985	30.6	12.2	62.6	49.4	13.6	52.9	13.2	16.3	24.7	153.4	70.8	122.3	275.7	
1986 — 1990	50.7	16.6	62.4	33.9	15.2	79.3	54.8	16.6	53.1	223.9	102.8	158.7	382.6	
1991 — 1995	23.4	10.2	34.2	38.3	14.0	45.2	33.0	13.2	32.9	141.8	67.1	102.6	244.4	
1996 to survey date	34.7	* 3.7	31.3	19.2	4.8	15.7	16.2	11.3	22.5	90.9	40.1	68.5	159.5	
	UNEMPLOYMENT RATE (per cent)													
Before 1976	* 5.3	* 6.4	6.3	5.2	* 10.3	* 5.0	* 0.0	* 3.0	* 5.5	6.0	3.6	5.3	5.7	
1976 — 1980	* 5.2	* 6.3	7.8	* 4.2	* 16.9	* 6.8	* 6.8	* 8.0	* 10.5	9.8	* 3.5	4.4	7.4	
1981 — 1985	* 5.7	* 14.2	* 3.6	* 11.8	* 22.5	11.8	* 7.6	* 3.3	* 2.4	7.7	* 4.6	9.1	8.3	
1986 — 1990	11.7	* 15.0	* 4.9	* 11.2	* 16.1	11.7	* 6.7	* 10.5	7.5	8.3	7.1	11.2	9.5	
1991 — 1995	* 9.4	* 10.6	* 8.6	* 10.1	29.2	13.6	* 10.9	* 11.5	* 11.5	11.8	10.6	12.3	12.0	
1996 to survey date	* 6.9	* 32.0	* 5.9	* 15.1	* 56.6	* 20.1	* 12.4	* 0.8	* 13.1	10.8	16.6	13.8	12.1	
	PARTICIPATION RATE(a) (per cent)													
Before 1976	70.1	76.6	54.8	43.4	43.2	68.4	47.3	70.3	63.8	59.8	44.3	41.0	50.7	
1976 — 1980	82.0	80.4	73.6	65.4	62.7	76.4	72.1	77.7	78.7	83.1	65.6	65.1	74.1	
1981 — 1985	78.4	71.0	75.7	74.4	67.5	69.0	56.4	65.0	80.0	81.0	63.8	63.6	72.2	
1986 — 1990	79.1	63.3	74.9	68.2	51.0	64.8	63.6	68.1	80.1	82.1	59.5	56.8	69.3	
1991 — 1995	76.0	57.9	69.5	65.6	50.9	55.6	49.8	80.1	69.2	75.8	49.6	49.3	61.9	
1996 to survey date	82.1	* 34.9	71.3	49.2	44.2	42.4	37.8	55.5	61.8	65.8	45.7	47.2	56.3	

(a) Calculated using population estimates which exclude those in institutions.

TABLE 16. EMPLOYED PERSONS: FULL-TIME AND PART-TIME WORKERS, BY AGE, DECEMBER 1998 ('000)

	Age group								Total
	15-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over	
MALES									
Full-time workers	160.4	441.9	1,140.1	1,183.2	975.0	276.5	125.6	48.4	4,351.1
Part-time workers	169.3	97.2	92.1	69.5	75.2	33.2	36.5	47.7	620.6
Total	329.7	539.1	1,232.2	1,252.7	1,050.2	309.7	162.1	96.1	4,971.7
MARRIED FEMALES									
Full-time workers	5.0	81.7	338.1	360.0	355.2	75.4	18.3	4.9	1,238.5
Part-time workers	4.2	34.2	223.7	362.0	286.2	64.8	29.5	16.5	1,021.3
Total	9.2	116.0	561.9	722.0	641.4	140.2	47.7	21.4	2,259.8
ALL FEMALES									
Full-time workers	88.6	319.5	625.4	526.7	490.9	101.1	28.3	9.3	2,189.7
Part-time workers	238.9	160.9	306.5	440.5	337.6	82.8	38.2	28.5	1,633.9
Total	327.5	480.4	931.9	967.2	828.5	183.9	66.5	37.8	3,823.6
PERSONS									
Full-time workers	249.0	761.4	1,765.5	1,709.9	1,465.9	377.6	153.9	57.7	6,540.8
Part-time workers	408.2	258.0	398.6	510.1	412.8	116.0	74.6	76.2	2,254.5
Total	657.2	1,019.5	2,164.1	2,219.9	1,878.7	493.6	228.5	133.9	8,795.3

TABLE 17. EMPLOYED PERSONS: HOURS WORKED, DECEMBER 1998

	Females			Total	Persons
	Males	Married	Not married		
	NUMBER EMPLOYED ('000)				
Weekly Hours worked —					
0	183.7	109.7	60.7	170.4	354.1
1-15	304.0	400.1	298.0	698.1	1,002.1
16-29	338.0	477.4	245.7	723.1	1,061.1
30-34	250.1	216.5	123.5	340.0	590.1
35-39	727.4	360.7	284.2	644.9	1,372.3
40	897.0	287.4	239.5	526.9	1,423.9
41-44	268.3	78.3	77.3	155.6	423.8
45-48	533.7	113.9	90.8	204.7	738.4
49 and over	1,469.6	215.7	144.2	359.9	1,829.5
Total	4,971.7	2,259.8	1,563.8	3,823.6	8,795.3
	WEEKLY HOURS WORKED				
Aggregate weekly hours worked (million)	207.2	67.2	47.8	115.0	322.2
By full-time workers	197.3	49.7	38.1	87.9	285.1
By part-time workers	10.0	17.4	9.7	27.1	37.1
Average weekly hours worked	41.7	29.7	30.6	30.1	36.6
By full-time workers	45.3	40.1	40.1	40.1	43.6
By part-time workers	16.1	17.1	15.8	16.6	16.4
Average weekly hours worked by persons who worked one hour or more in the reference week	43.3	31.2	31.8	31.5	38.2
By full-time workers	46.9	42.0	41.5	41.8	45.2
By part-time workers	17.0	18.1	16.6	17.5	17.4

TABLE 18. EMPLOYED PERSONS: EMPLOYMENT/POPULATION RATIOS BY AGE AND MARITAL STATUS, DECEMBER 1998 (per cent)

Age group	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
15-19	* 47.2	49.0	49.0	41.2	51.7	51.3	50.1
20-24	85.1	77.5	78.6	63.7	75.4	72.2	75.4
25-34	90.3	80.1	85.8	60.5	71.7	64.5	75.1
35-44	91.0	76.7	87.5	66.8	65.8	66.6	77.0
45-54	86.8	69.3	83.3	67.8	63.3	66.7	75.1
55-59	71.8	49.8	67.7	41.6	42.3	41.8	55.0
60-64	44.8	36.4	43.2	18.5	16.0	17.7	30.5
65 and over	10.7	6.6	9.6	3.9	2.2	2.9	5.8
Total	71.7	62.2	67.9	52.4	48.3	50.7	59.1

TABLE 19. FULL-TIME WORKERS WHO WORKED LESS THAN 35 HOURS, BY REASON, DECEMBER 1998 ('000)

Reason for working less than 35 hours	Females			Total	Persons
	Males	Married	Not married		
Leave, holiday or flextime/personal reasons	233.4	102.7	55.9	158.6	392.0
Own illness or injury	99.9	39.4	31.1	70.5	170.4
Bad weather, plant breakdown, etc.	10.4	* 2.0	* 1.3	* 3.2	13.7
Began or left job in the reference week	10.2	* 2.0	* 2.8	4.8	14.9
Stood down, on short time, insufficient work	39.6	11.1	5.9	17.0	56.6
Shift work, standard work arrangements	50.8	21.9	16.3	38.2	89.0
Other reasons	10.9	* 3.4	* 2.0	5.4	16.4
Total	455.1	182.5	115.2	297.7	752.9

TABLE 20. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY AGE, DECEMBER 1998
(*000)

	<i>Age group</i>						<i>Total</i>
	<i>15-19</i>	<i>20-24</i>	<i>25-34</i>	<i>35-44</i>	<i>45-54</i>	<i>55 and over</i>	
MALES							
<i>Total</i>	169.3	97.2	92.1	69.5	75.2	117.3	620.6
Preferred not to work more hours	111.1	43.8	43.2	33.0	44.3	99.8	375.2
Preferred to work more hours	58.2	53.3	48.9	36.5	30.9	17.5	245.4
Had actively looked for full-time work in the four weeks to the end of the reference week	22.1	27.7	29.6	22.4	16.3	7.1	125.0
MARRIED FEMALES							
<i>Total</i>	4.2	34.2	223.7	362.0	286.2	110.8	1,021.3
Preferred not to work more hours	* 1.6	20.0	187.8	308.4	245.4	104.4	867.7
Preferred to work more hours	* 2.6	14.2	36.0	53.6	40.8	6.4	153.6
Had actively looked for full-time work in the four weeks to the end of the reference week	* 1.9	5.3	13.4	15.8	7.2	* 0.0	43.7
ALL FEMALES							
<i>Total</i>	238.9	160.9	306.5	440.5	337.6	149.5	1,633.9
Preferred not to work more hours	161.7	83.8	239.5	354.1	278.4	137.4	1,254.9
Preferred to work more hours	77.2	77.1	67.0	86.4	59.2	12.1	379.0
Had actively looked for full-time work in the four weeks to the end of the reference week	26.7	36.0	26.3	27.6	14.1	* 1.9	132.6
PERSONS							
Total	408.2	258.0	398.6	510.1	412.8	266.8	2,254.5
Preferred not to work more hours	272.9	127.6	282.7	387.1	322.7	237.2	1,630.1
Preferred to work more hours	135.4	130.4	115.9	123.0	90.1	29.7	624.4
Had actively looked for full-time work in the four weeks to the end of the reference week	48.8	63.6	55.9	50.0	30.4	8.9	257.6

TABLE 21. PART-TIME WORKERS: WHETHER PREFERRED TO WORK MORE HOURS, BY HOURS WORKED, DECEMBER 1998
(*000)

	<i>Hours worked by persons who worked in the reference week</i>						<i>Persons who did not work in the reference week</i>	<i>Total</i>
	<i>1-5</i>	<i>6-10</i>	<i>11-15</i>	<i>16-20</i>	<i>21-29</i>	<i>30-34</i>		
MALES								
<i>Total</i>	68.1	116.6	86.7	117.3	107.6	89.8	620.6	
Preferred not to work more hours	39.7	66.4	47.0	71.2	61.5	62.7	375.2	
Preferred to work more hours	28.4	50.2	39.7	46.1	46.1	27.1	245.4	
Had actively looked for full-time work in the four weeks to the end of the reference week	14.4	31.6	21.5	27.3	18.8	8.7	* 2.6	
MARRIED FEMALES								
<i>Total</i>	93.7	155.1	138.5	191.8	237.0	149.4	1,021.3	
Preferred not to work more hours	75.2	124.8	116.0	162.4	208.5	131.9	867.7	
Preferred to work more hours	18.5	30.3	22.5	29.4	28.4	17.5	153.6	
Had actively looked for full-time work in the four weeks to the end of the reference week	4.7	8.7	6.5	9.2	8.6	4.7	* 1.3	
ALL FEMALES								
<i>Total</i>	160.4	282.0	236.2	291.3	350.9	228.5	1,633.9	
Preferred not to work more hours	112.7	204.3	178.8	222.7	280.4	186.2	1,254.9	
Preferred to work more hours	47.7	77.7	57.4	68.6	70.5	42.3	379.0	
Had actively looked for full-time work in the four weeks to the end of the reference week	16.9	24.7	23.5	24.9	27.6	12.6	* 2.5	
PERSONS								
Total	228.5	398.6	322.9	408.6	458.5	318.3	2,254.5	
Preferred not to work more hours	152.4	270.7	225.8	294.0	341.9	248.9	1,630.1	
Preferred to work more hours	76.2	127.9	97.1	114.7	116.6	69.4	624.4	
Had actively looked for full-time work in the four weeks to the end of the reference week	31.3	56.3	45.0	52.2	46.4	21.3	5.1	

TABLE 22. UNEMPLOYED PERSONS: STATES, BY AGE, DECEMBER 1998
(*'000*)

<i>Age group</i>	<i>New South Wales</i>	<i>Victoria</i>	<i>Queensland</i>	<i>South Australia</i>	<i>Western Australia</i>	<i>Tasmania</i>	<i>Australia</i>
MALES							
15-19	25.2	24.9	19.1	7.8	8.7	3.6	91.2
20-24	18.6	14.5	13.7	7.3	8.2	1.8	66.2
25-34	30.2	25.1	19.8	9.4	11.0	3.6	100.8
35-44	20.9	14.2	11.7	7.5	6.9	2.8	65.1
45 and over	27.6	21.1	19.3	10.5	8.7	2.6	90.8
<i>Total</i>	<i>122.5</i>	<i>99.7</i>	<i>83.6</i>	<i>42.5</i>	<i>43.6</i>	<i>14.4</i>	<i>414.1</i>
FEMALES							
15-19	24.1	18.9	16.9	4.9	8.8	2.7	78.3
20-24	13.2	13.5	10.7	5.1	5.2	1.4	50.3
25-34	19.8	13.6	15.9	5.3	6.2	2.0	63.2
35-44	16.2	13.7	10.3	4.9	3.9	1.9	51.8
45 and over	14.0	15.4	9.8	4.6	* 2.8	1.7	48.7
<i>Total</i>	<i>87.4</i>	<i>75.1</i>	<i>63.6</i>	<i>24.8</i>	<i>26.9</i>	<i>9.7</i>	<i>292.4</i>
PERSONS							
Looking for full-time work —							
15-19	28.5	18.5	19.9	7.7	9.2	3.9	89.8
20-24	28.4	24.5	22.5	11.0	10.4	3.1	102.2
25-34	41.2	33.5	32.8	12.3	15.0	4.6	141.4
35-44	30.5	22.6	18.3	11.3	9.0	3.7	96.8
45-54	24.0	21.9	16.5	10.4	7.9	2.3	83.6
55 and over	13.9	7.9	8.7	3.8	* 2.7	1.3	38.6
<i>Total looking for full-time work</i>	<i>166.5</i>	<i>128.9</i>	<i>118.8</i>	<i>56.5</i>	<i>54.2</i>	<i>18.8</i>	<i>552.3</i>
Total —							
15-19	49.3	43.8	36.0	12.7	17.5	6.2	169.4
20-24	31.8	28.1	24.4	12.4	13.4	3.3	116.6
25-34	50.0	38.6	35.7	14.6	17.2	5.6	164.0
35-44	37.1	27.9	21.9	12.4	10.8	4.7	116.9
45-54	26.0	25.6	19.5	11.1	8.7	2.6	94.5
55 and over	15.6	10.9	9.6	3.9	2.9	1.6	45.0
Total	209.9	174.9	147.2	67.3	70.5	24.1	706.5

**TABLE 23. UNEMPLOYED PERSONS AGED 15-19:
DURATION OF UNEMPLOYMENT AND SCHOOL ATTENDANCE, DECEMBER 1998**

	<i>Not attending school</i>			<i>Total</i>
	<i>Attending school</i>	<i>Left school before 1997</i>	<i>Left school 1997 to survey date</i>	
	NUMBER (<i>'000</i>)			
Duration of unemployment (weeks) —				
Under 4	29.9	6.5	27.7	64.2
4 and under 13	20.5	8.1	18.4	47.0
13 and under 26	5.1	4.5	5.8	15.5
26 and over	7.9	20.0	14.8	42.8
<i>Total</i>	<i>63.5</i>	<i>39.2</i>	<i>66.8</i>	<i>169.4</i>
DURATION OF UNEMPLOYMENT (weeks)				
Average duration —				
Males	7.5	44.6	15.7	19.3
Females	11.5	48.6	16.2	22.1
Persons	9.4	46.5	15.9	20.6
Looking for full-time work	11.0	49.1	18.9	29.6
Looking for part-time work	9.2	* 29.9	8.3	10.4
Median duration —				
Males	3	26	5	4
Females	4	21	4	6
Persons	4	26	4	5
Looking for full-time work	* 3	26	6	10
Looking for part-time work	4	* 3	3	3

TABLE 24. UNEMPLOYED PERSONS: BY AGE AND WHETHER LOOKING FOR FULL-TIME OR PART-TIME WORK, DECEMBER 1998

	Number unemployed ('000)					Unemployment rate (per cent)				
	Males		Females		Persons	Males		Females		Persons
	Married	Total	Married	Total		Married	Total	Married	Total	
LOOKING FOR FULL-TIME WORK										
Total	133.1	356.8	69.9	195.5	552.3	4.4	7.6	5.3	8.2	7.8
Aged 15-19	* 1.8	52.6	* 3.9	37.2	89.8	* 53.8	24.7	* 43.6	29.6	26.5
Looking for first job	* 0.4	32.8	* 2.4	24.9	57.7	..	..	..	..	..
Attending school	* 0.0	4.5	* 0.0	* 3.4	7.9	n.a.	n.a.	n.a.	n.a.	n.a.
Attending a tertiary educational institution full time	* 0.0	* 3.9	* 0.4	4.1	8.0	n.a.	n.a.	n.a.	n.a.	n.a.
Aged 20 and over	131.3	304.2	66.0	158.3	462.5	4.3	6.8	5.1	7.0	6.8
20-24	7.6	60.8	10.9	41.4	102.2	9.1	12.1	11.7	11.5	11.8
Looking for first job	* 0.3	14.4	* 2.4	14.3	28.7	..	..	..	..	..
25-34	38.7	96.5	18.8	44.8	141.4	5.3	7.8	5.3	6.7	7.4
35-44	34.7	62.3	18.4	34.5	96.8	3.5	5.0	4.9	6.1	5.4
45-54	32.2	53.6	13.7	30.0	83.6	3.8	5.2	3.7	5.8	5.4
55 and over	18.1	30.9	4.3	7.7	38.6	4.5	6.4	4.1	5.2	6.2
Aged 15-64	132.3	355.7	69.9	195.5	551.2	4.4	7.6	5.4	8.2	7.8
LOOKING FOR PART-TIME WORK										
Total	7.9	57.3	31.2	96.9	154.2	3.1	8.4	3.0	5.6	6.4
Aged 15-19	* 0.0	38.6	* 0.7	41.1	79.6	* 0.0	18.5	* 15.0	14.7	16.3
Attending school	* 0.0	28.1	* 0.0	27.5	55.6	* 0.0	25.2	* 0.0	19.9	22.2
Attending a tertiary educational institution full time	* 0.0	* 3.3	* 0.0	4.3	7.6	* 0.0	* 9.9	* 0.0	8.2	8.9
Aged 20 and over	7.9	18.7	30.4	55.8	74.5	3.2	4.0	2.9	3.8	3.9
20-24	* 0.0	5.5	* 2.1	8.9	14.4	* 0.0	5.3	* 5.7	5.2	5.3
Attending a tertiary educational institution full time	* 0.0	* 3.6	* 0.7	4.7	8.3	* 0.0	* 8.8	* 30.6	8.5	8.6
25-34	* 2.3	4.3	9.4	18.4	22.7	* 5.7	4.4	4.1	5.7	5.4
35-44	* 1.6	* 2.8	10.8	17.4	20.1	* 3.5	* 3.8	2.9	3.8	3.8
45 and over	4.0	6.2	8.1	11.1	17.3	2.6	3.1	2.0	2.2	2.5
Aged 15-64	7.9	57.3	31.2	96.9	154.2	3.7	9.1	3.0	5.7	6.6
TOTAL										
Total	141.0	414.1	101.0	292.4	706.5	4.3	7.7	4.3	7.1	7.4
Aged 15-19	* 1.8	91.2	4.6	78.3	169.4	* 44.5	21.7	33.3	19.3	20.5
Attending school	* 0.0	32.6	* 0.0	30.8	63.5	* 0.0	26.1	* 0.0	21.1	23.4
Attending a tertiary educational institution full time	* 0.0	7.2	* 0.4	8.5	15.7	* 0.0	15.5	* 52.3	13.2	14.1
Aged 20 and over(a)	139.2	322.9	96.4	214.1	537.0	4.2	6.5	4.1	5.8	6.2
20-24	7.6	66.2	12.9	50.3	116.6	8.3	10.9	10.0	9.5	10.3
Attending a tertiary educational institution full time	* 0.3	10.3	* 0.7	6.9	17.2	* 15.9	15.6	* 21.5	9.7	12.5
25-34	41.0	100.8	28.3	63.2	164.0	5.4	7.6	4.8	6.4	7.0
35-44	36.3	65.1	29.2	51.8	116.9	3.5	4.9	3.9	5.1	5.0
45-54	33.9	56.5	19.6	38.0	94.5	3.7	5.1	3.0	4.4	4.8
55-59	13.1	23.5	5.8	9.7	33.2	4.7	7.1	4.0	5.0	6.3
60-64	6.5	9.6	* 0.7	* 1.0	10.7	4.6	5.6	* 1.4	* 1.5	4.5
Aged 15-64	140.2	413.0	101.0	292.4	705.4	4.4	7.8	4.3	7.2	7.5

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

TABLE 25. UNEMPLOYED PERSONS: BIRTHPLACE BY AGE, DECEMBER 1998

	Number unemployed ('000)			Unemployment rate (per cent)		
	Males	Females	Persons	Males	Females	Persons
	BORN IN AUSTRALIA					
Total	306.7	215.9	522.6	7.6	6.8	7.3
Looking for full-time work	260.5	143.1	403.7	7.4	7.9	7.6
Looking for part-time work	46.2	72.8	118.9	9.0	5.4	6.4
Aged 15-19	80.5	69.7	150.2	21.3	18.9	20.1
Aged 20 and over	226.2	146.2	372.4	6.2	5.2	5.8
20-24	54.2	38.5	92.7	10.5	8.5	9.5
25-34	76.1	47.4	123.5	7.3	6.0	6.8
35-44	44.4	35.0	79.4	4.7	4.8	4.7
45-54	32.9	19.4	52.2	4.5	3.2	3.9
55 and over	18.6	5.9	24.5	4.8	2.7	4.0
Aged 15-64	306.2	215.9	522.1	7.8	6.9	7.4
BORN OUTSIDE AUSTRALIA						
Total	107.4	76.5	183.9	7.9	8.0	7.9
Looking for full-time work	96.3	52.4	148.7	8.0	9.1	8.4
Looking for part-time work	11.1	24.1	35.2	6.8	6.4	6.5
Aged 15-19	10.6	8.6	19.2	25.0	23.6	24.4
Aged 20 and over	96.8	67.9	164.6	7.3	7.4	7.4
20-24	12.0	11.8	23.8	13.7	15.6	14.6
25-34	24.7	15.8	40.6	8.5	7.5	8.1
35-44	20.7	16.8	37.5	5.7	5.9	5.8
45-54	23.7	18.6	42.3	6.4	7.0	6.6
55 and over	15.7	4.8	20.5	7.4	5.9	7.0
Aged 15-64	106.8	76.5	183.2	8.0	8.1	8.0

TABLE 27. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY AGE, MARITAL STATUS AND FULL-TIME/PART-TIME STATUS, DECEMBER 1998
(*000)

Duration of unemployment (weeks)	Age group				Total(a)	Married	Not married	Looking for -	
	15-19	20-24	25-34	35-54				Full-time work	Part-time work
MALES									
— '000 —									
Under 52	79.9	48.9	65.6	61.9	272.2	82.7	189.5	221.2	51.0
under 2	16.5	7.0	5.7	5.0	35.2	8.3	26.8	19.6	15.6
2 and under 4	19.9	9.9	6.9	7.5	46.0	11.1	34.9	31.3	14.7
4 and under 8	15.0	9.5	13.5	10.3	49.6	13.5	36.1	41.2	8.4
8 and under 13	9.4	5.5	7.0	8.7	33.2	11.1	22.1	26.7	6.5
13 and under 26	8.1	8.2	14.4	12.5	48.8	18.1	30.7	45.8	* 3.0
26 and under 39	6.4	4.8	13.0	10.5	37.7	12.8	24.9	36.2	* 1.4
39 and under 52	4.6	4.0	5.0	7.4	21.8	7.8	14.0	20.3	* 1.4
52 and over	11.3	17.4	35.2	59.8	141.9	58.3	83.6	135.6	6.3
52 and under 65	4.2	5.8	6.8	12.2	31.7	11.9	19.9	31.0	* 0.8
65 and under 104	* 3.2	* 3.7	7.8	7.4	23.8	8.4	15.5	22.4	* 1.5
104 and over	* 3.9	7.9	20.6	40.1	86.3	38.1	48.2	82.3	4.0
Total	91.2	66.2	100.8	121.6	414.1	141.0	273.1	356.8	57.3
— weeks —									
Average duration —	19.3	37.1	57.5	90.4	61.1	76.8	52.9	67.5	20.8
Median duration —	4	13	26	48	23	30	17	26	3
FEMALES									
— '000 —									
Under 52	67.2	33.2	46.8	55.5	207.4	69.9	137.5	126.1	81.3
under 2	13.6	4.4	6.1	7.4	32.1	9.4	22.8	12.4	19.7
2 and under 4	14.1	5.0	6.5	9.0	35.4	13.5	22.0	19.2	16.2
4 and under 8	14.1	5.3	8.0	8.4	36.8	12.1	24.7	22.0	14.7
8 and under 13	8.5	5.2	8.3	7.2	30.6	10.2	20.4	19.5	11.1
13 and under 26	7.4	6.8	6.7	7.6	28.6	9.6	19.0	21.0	7.6
26 and under 39	6.3	* 3.2	5.1	9.1	23.9	8.6	15.4	17.0	7.0
39 and under 52	* 3.0	* 3.5	6.1	6.7	20.0	6.6	13.4	14.9	5.1
52 and over	11.1	17.1	16.4	34.3	85.0	31.1	53.8	69.4	15.6
52 and under 65	* 3.6	6.5	5.7	9.0	25.2	8.8	16.5	18.9	6.3
65 and under 104	* 3.0	* 3.6	* 2.4	5.7	15.5	4.8	10.7	13.8	* 1.7
104 and over	4.5	7.0	8.3	19.6	44.2	17.6	26.6	36.7	7.6
Total	78.3	50.3	63.2	89.8	292.4	101.0	191.3	195.5	96.9
— weeks —									
Average duration —	22.1	43.8	41.3	63.0	46.4	50.9	44.0	56.8	25.3
Median duration —	6	22	16	28	16	16	14	26	6
PERSONS									
— '000 —									
Under 52	147.1	82.1	112.4	117.4	479.7	152.7	327.0	347.3	132.3
under 2	30.1	11.3	11.8	12.4	67.3	17.7	49.6	32.0	35.3
2 and under 4	34.1	14.9	13.4	16.5	81.4	24.6	56.9	50.5	30.9
4 and under 8	29.1	14.8	21.5	18.8	86.4	25.6	60.7	63.2	23.1
8 and under 13	17.9	10.7	15.2	15.9	63.8	21.3	42.5	46.2	17.6
13 and under 26	15.5	15.0	21.1	20.1	77.4	27.7	49.7	66.9	10.6
26 and under 39	12.7	7.9	18.1	19.6	61.6	21.3	40.3	53.2	8.4
39 and under 52	7.7	7.5	11.1	14.1	41.7	14.4	27.4	35.2	6.5
52 and over	22.4	34.5	51.6	94.1	226.8	89.4	137.4	205.0	21.8
52 and under 65	7.8	12.3	12.5	21.2	57.0	20.6	36.4	49.9	7.1
65 and under 104	6.2	7.3	10.2	13.1	39.3	13.1	26.2	36.2	* 3.1
104 and over	8.4	14.9	29.0	59.7	130.5	55.6	74.9	118.9	11.6
Total	169.4	116.6	164.0	211.4	706.5	242.1	464.4	552.3	154.2
— weeks —									
Average duration —	20.6	40.0	51.2	78.8	55.0	66.0	49.3	63.7	23.6
Median duration —	5	16	24	40	20	26	17	26	4

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

TABLE 26. LONG-TERM UNEMPLOYMENT

Month	Long-term unemployment									Long-term unemployment as a proportion of total unemployment		
	Unemployed 52 weeks and under 104			Unemployed 104 weeks and over			Total			Males	Females	Persons
	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons			
	- '000-											
ORIGINAL												
1997 —												
October	67.9	39.6	107.5	90.1	49.1	139.2	158.0	88.7	246.7	37.0	28.6	33.5
November	78.2	43.9	122.1	86.1	40.0	126.1	164.3	83.9	248.2	37.6	28.0	33.7
December	78.4	44.7	123.2	85.7	41.2	126.9	164.2	85.9	250.1	36.8	27.1	32.7
1998 —												
January	72.1	42.0	114.1	84.9	39.2	124.1	157.0	81.2	238.3	32.9	24.0	29.2
February	74.2	47.5	121.7	94.1	47.9	142.0	168.3	95.4	263.7	34.9	26.5	31.3
March	69.3	38.7	108.1	93.4	45.2	138.6	162.7	83.9	246.6	35.4	24.5	30.8
April	65.0	41.9	106.9	85.4	43.6	129.1	150.4	85.6	236.0	36.0	26.9	32.0
May	62.5	38.0	100.6	83.9	47.0	130.9	146.4	85.0	231.4	33.8	27.9	31.3
June	60.5	35.9	96.4	83.4	44.6	127.9	143.9	80.4	224.4	33.3	26.5	30.5
July	63.9	40.1	103.9	89.0	46.0	135.0	152.9	86.0	238.9	35.3	29.2	32.8
August	68.4	37.5	105.9	91.7	47.8	139.4	160.0	85.3	245.3	36.6	29.3	33.7
September	66.8	43.6	110.4	100.5	46.6	147.1	167.3	90.2	257.5	37.6	28.2	33.6
October	64.7	35.6	100.2	84.2	47.4	131.7	148.9	83.0	231.9	37.5	28.7	33.8
November	59.4	37.5	96.9	100.3	47.0	147.3	159.7	84.5	244.2	38.7	28.4	34.4
December	55.6	40.7	96.3	86.3	44.2	130.5	141.9	85.0	226.8	34.3	29.1	32.1
SEASONALLY ADJUSTED												
1997 —												
October	69.2	39.5	108.8	94.4	47.0	141.4	163.6	86.5	250.1	36.3	26.8	32.3
November	75.2	42.9	118.1	87.9	39.1	127.0	163.1	82.0	245.1	35.6	25.6	31.5
December	79.4	44.9	124.3	84.9	42.9	127.8	164.3	87.8	252.1	36.9	27.8	33.1
1998 —												
January	71.2	41.2	112.4	82.9	42.0	124.9	154.1	83.2	237.3	35.5	25.9	31.4
February	70.3	40.6	111.0	87.1	42.9	129.9	157.4	83.5	240.9	35.4	27.2	32.1
March	67.0	36.0	103.0	86.3	43.9	130.2	153.3	79.9	233.2	34.7	25.1	30.7
April	66.7	44.3	110.9	84.9	43.8	128.6	151.5	88.0	239.6	35.9	28.0	32.5
May	62.2	39.5	101.7	85.4	48.6	133.9	147.5	88.1	235.6	33.6	28.0	31.3
June	63.3	39.6	102.9	85.0	46.0	131.1	148.3	85.7	234.0	33.1	26.8	30.5
July	64.3	42.4	106.7	95.5	49.0	144.5	159.8	91.4	251.2	34.8	28.7	32.3
August	73.5	40.3	113.8	96.9	48.0	144.9	170.4	88.3	258.7	37.6	28.7	34.0
September	65.1	42.7	107.8	98.5	45.5	144.1	163.7	88.2	251.9	37.1	27.6	33.1
October	66.0	35.5	101.4	88.1	45.2	133.3	154.1	80.7	234.7	36.8	26.8	32.6
November	57.0	36.8	93.8	102.4	45.9	148.2	159.4	82.6	242.0	36.9	25.9	32.2
December	56.4	40.8	97.2	85.5	46.1	131.5	141.8	86.9	228.7	34.3	29.7	32.4
TREND SERIES												
1997 —												
October	73.5	42.1	115.5	90.4	45.7	136.2	163.9	87.8	251.7	35.9	27.2	32.3
November	73.9	42.0	115.9	89.3	44.1	133.4	163.2	86.1	249.3	36.1	26.9	32.3
December	73.7	41.8	115.5	87.6	42.8	130.4	161.4	84.5	245.9	36.1	26.6	32.2
1998 —												
January	72.6	41.4	114.1	85.9	42.2	128.0	158.5	83.6	242.1	35.9	26.5	32.0
February	70.4	40.9	111.3	84.6	42.5	127.2	155.1	83.4	238.5	35.5	26.5	31.7
March	67.8	40.4	108.2	84.4	43.7	128.1	152.2	84.2	236.4	34.9	26.7	31.5
April	65.7	40.3	106.0	85.5	45.3	130.7	151.2	85.5	236.7	34.5	27.1	31.4
May	64.9	40.5	105.5	87.2	46.5	133.7	152.2	87.0	239.2	34.4	27.5	31.5
June r	65.4	40.9	106.3	89.6	47.2	136.8	155.0	88.0	243.0	34.7	27.8	31.9
July r	66.1	40.8	107.0	92.1	47.4	139.5	158.2	88.2	246.4	35.4	27.9	32.3
August r	66.2	40.3	106.5	94.0	47.1	141.2	160.2	87.5	247.7	36.0	27.8	32.6
September r	65.3	39.7	104.9	95.0	46.6	141.7	160.3	86.3	246.6	36.4	27.7	32.8
October r	63.5	39.1	102.6	95.0	46.2	141.1	158.5	85.2	243.7	36.6	27.6	32.8
November r	61.4	38.7	100.0	94.3	45.7	140.1	155.7	84.4	240.1	36.5	27.6	32.8
December	59.1	38.3	97.4	93.2	45.6	138.8	152.3	83.9	236.2	36.3	27.7	32.7

**TABLE 28. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB
AND DURATION OF UNEMPLOYMENT, DECEMBER 1998
(’000)**

	<i>Duration of unemployment (weeks)</i>					<i>Total</i>		
	<i>Under 4</i>	<i>4 and under 13</i>	<i>13 and under 26</i>	<i>26 and under 52</i>	<i>52 and over</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>
<i>Had worked full time for two weeks or more in the last two years</i>	47.4	75.3	50.5	60.5	54.7	200.8	87.6	288.4
Industry division —								
Agriculture, Forestry and Fishing	* 2.7	4.3	* 3.4	* 3.8	* 2.8	13.0	* 3.9	16.9
Manufacturing	6.9	12.4	11.3	11.1	11.3	42.4	10.7	53.0
Construction	6.2	8.5	* 3.5	4.7	4.8	26.5	* 1.1	27.6
Wholesale Trade	* 2.6	5.7	* 2.7	4.0	* 3.5	15.6	* 2.8	18.4
Retail Trade	6.0	12.5	7.0	13.1	6.7	25.5	20.0	45.4
Accommodation, Cafes and Restaurants	4.7	6.1	* 3.0	4.5	4.0	12.0	10.4	22.4
Transport and Storage	* 3.5	* 2.7	* 1.7	* 2.0	* 3.4	10.0	* 3.3	13.3
Property and Business Services	* 3.2	7.5	4.4	4.4	4.3	16.2	7.6	23.8
Government Administration and Defence	* 2.4	* 3.3	* 1.8	* 2.0	* 2.3	8.4	* 3.6	12.0
Education	* 1.0	* 3.2	* 1.6	* 1.3	* 2.2	5.5	* 3.9	9.4
Health and Community Services	* 3.1	* 2.5	* 1.3	* 3.4	* 2.2	* 2.9	9.5	12.5
Cultural and Recreational Services	* 1.1	* 1.5	* 2.5	* 1.6	* 1.1	5.4	* 2.4	7.8
Personal and Other Services	* 0.7	* 1.4	* 1.7	* 2.2	* 2.5	5.0	* 3.6	8.6
Other industries	* 3.0	* 3.6	4.7	* 2.4	* 3.5	12.5	4.7	17.2
Occupation group —								
Managers and Administrators	* 0.3	* 1.1	* 1.6	* 0.4	* 0.5	* 3.5	* 0.3	* 3.8
Professionals	* 3.8	6.4	4.2	* 2.2	* 2.3	12.6	6.3	18.8
Associate Professionals	4.0	6.8	4.4	4.5	* 3.8	16.0	7.4	23.4
Tradespersons and Related Workers	7.2	12.4	7.0	8.0	7.8	40.5	* 1.8	42.3
Advanced Clerical and Service Workers	* 0.3	* 1.5	* 0.8	* 1.0	* 0.9	* 0.6	* 3.9	4.5
Intermediate Clerical, Sales and Service Workers	10.2	12.7	6.8	9.2	11.4	18.0	32.3	50.3
Intermediate Production and Transport Workers	5.8	9.2	6.1	8.4	8.5	34.8	* 3.1	38.0
Elementary Clerical, Sales and Service Workers	4.1	8.9	7.0	9.0	4.3	16.3	16.9	33.2
Labourers and Related Workers	11.7	16.5	12.6	18.0	15.2	58.4	15.5	74.0
<i>Other</i>	84.6	74.8	27.0	42.8	172.2	206.4	194.9	401.3
Looking for first job	63.8	47.1	15.7	21.2	32.5	90.5	89.8	180.3
Looking for full-time work	26.6	19.6	10.2	15.7	27.5	52.2	47.4	99.6
Former workers	20.8	27.7	11.3	21.6	139.7	116.0	105.0	221.0
Stood down	16.8	..	..	..	..	6.9	9.9	16.8
Total	148.7	150.2	77.4	103.3	226.8	414.1	292.4	706.5

TABLE 29. UNEMPLOYED PERSONS: REASON FOR LEAVING LAST FULL-TIME JOB

Month	Reason for unemployment					Total	Per cent of unemployed				
	Job loser	Job leaver	Stood down - '000 -	Looking for first job	Former workers		Job loser	Job leaver	Stood down - per cent -	Looking for first job	Former workers
<i>1997 —</i>											
October	232.1	108.0	20.3	150.6	225.4	736.4	31.5	14.7	2.8	20.5	30.6
November	234.6	107.8	19.1	145.0	230.2	736.8	31.8	14.6	2.6	19.7	31.2
December	230.8	102.4	21.2	187.5	221.7	763.6	30.2	13.4	2.8	24.6	29.0
<i>1998 —</i>											
January	263.7	123.5	25.1	190.0	214.6	816.9	32.3	15.1	3.1	23.3	26.3
February	263.8	132.6	25.0	168.1	253.1	842.5	31.3	15.7	3.0	20.0	30.0
March	247.6	127.1	20.7	163.4	243.2	802.0	30.9	15.8	2.6	20.4	30.3
April	223.3	109.9	22.1	142.3	239.2	736.8	30.3	14.9	3.0	19.3	32.5
May	231.8	107.5	18.3	138.0	242.9	738.5	31.4	14.6	2.5	18.7	32.9
June	235.8	113.2	21.3	137.7	227.5	735.6	32.1	15.4	2.9	18.7	30.9
July	222.5	105.8	27.3	132.3	240.0	727.8	30.6	14.5	3.8	18.2	33.0
August	227.2	109.7	18.4	133.3	239.3	727.9	31.2	15.1	2.5	18.3	32.9
September	223.5	108.6	26.0	151.5	255.9	765.6	29.2	14.2	3.4	19.8	33.4
October	196.9	98.6	23.1	135.2	231.8	685.6	28.7	14.4	3.4	19.7	33.8
November	203.3	91.3	15.2	146.9	253.9	710.5	28.6	12.9	2.1	20.7	35.7
December	186.9	101.4	16.8	180.3	221.0	706.5	26.5	14.4	2.4	25.5	31.3

TABLE 30. UNEMPLOYED PERSONS WHO HAD WORKED FULL TIME FOR TWO WEEKS OR MORE IN THE LAST TWO YEARS: REASON FOR CEASING LAST FULL-TIME JOB, INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB AND AGE, DECEMBER 1998 ('000)

	<i>Reason for ceasing last full-time job</i>									<i>Total</i>
	<i>Job loser</i>						<i>Job leaver</i>			
	<i>Laid-off, retrenched</i>			<i>Total</i>			<i>Males</i>	<i>Females</i>	<i>Persons</i>	
	<i>Males</i>	<i>Females</i>	<i>Persons</i>	<i>Males</i>	<i>Females</i>	<i>Persons</i>				
<i>Industry division —</i>										
Agriculture, Forestry and Fishing	* 3.6	* 0.7	4.3	11.1	* 3.6	14.7	* 1.9	* 0.3	* 2.2	16.9
Manufacturing	23.4	* 3.9	27.3	32.6	6.9	39.6	9.7	* 3.7	13.4	53.0
Construction	12.4	* 0.7	13.1	19.4	* 0.9	20.2	7.2	* 0.2	7.4	27.6
Wholesale Trade	6.6	* 0.9	7.5	9.1	* 1.5	10.5	6.5	* 1.3	7.8	18.4
Retail Trade	9.1	5.9	15.0	13.1	9.8	22.9	12.4	10.1	22.5	45.4
Accommodation, Cafes & Restaurants	4.6	* 2.6	7.2	7.1	5.8	12.9	4.8	4.6	9.5	22.4
Transport and Storage	5.0	* 0.4	5.4	7.2	* 1.7	8.9	* 2.8	* 1.6	4.4	13.3
Government Administration & Defence	* 3.5	* 0.9	4.4	6.0	* 1.4	7.3	* 2.5	* 2.2	4.7	12.0
Education	* 0.8	* 0.6	* 1.4	* 3.3	* 2.8	6.1	* 2.2	* 1.1	* 3.3	9.4
Health and Community Services	* 1.6	* 2.8	4.3	* 1.6	5.1	6.7	* 1.4	4.4	5.8	12.5
Cultural and Recreational Services	* 1.7	* 0.4	* 2.1	* 2.9	* 1.2	4.1	* 2.5	* 1.3	* 3.8	7.8
Personal and Other Services	* 3.2	* 1.9	5.1	* 3.2	* 2.2	5.4	* 1.8	* 1.4	* 3.2	8.6
Other Industries	13.6	4.2	17.8	19.8	7.8	27.5	8.9	4.6	13.5	41.0
<i>Occupation group —</i>										
Managers and Administrators	* 2.0	* 0.0	* 2.0	* 3.2	* 0.1	* 3.3	* 0.2	* 0.3	* 0.5	* 3.8
Professionals	* 3.5	* 0.9	4.4	7.6	* 2.7	10.3	5.0	* 3.5	8.5	18.8
Associate Professionals	6.8	* 0.3	7.0	9.3	* 2.7	11.9	6.7	4.8	11.5	23.4
Tradespersons and Related Workers	15.6	* 0.6	16.2	28.1	* 1.3	29.3	12.5	* 0.5	13.0	42.3
Advanced Clerical and Service Workers	* 0.6	* 0.8	* 1.3	* 0.6	* 1.6	* 2.1	* 0.0	* 2.4	* 2.4	4.5
Intermediate Clerical, Sales and Service Workers	8.3	11.1	19.3	10.4	18.2	28.7	7.6	14.1	21.7	50.3
Intermediate Production and Transport Workers	16.1	* 0.9	16.9	24.6	* 1.8	26.4	10.3	* 1.3	11.6	38.0
Elementary Clerical, Sales and Service Workers	5.8	6.4	12.2	8.6	11.4	19.9	7.8	5.5	13.3	33.2
Labourers and Related Workers	30.5	4.7	35.3	44.1	10.9	54.9	14.4	4.7	19.1	74.0
<i>Age group</i>										
15-19	7.0	* 3.6	10.6	10.5	6.6	17.1	7.1	5.0	12.0	29.1
20-24	14.7	7.5	22.2	21.4	11.5	32.9	17.0	9.2	26.2	59.1
25-34	28.2	5.9	34.1	44.6	12.3	56.9	22.8	10.5	33.3	90.2
35-44	14.3	* 2.9	17.2	21.8	8.3	30.1	8.3	7.8	16.1	46.2
45-54	15.7	4.1	19.8	24.5	9.8	34.2	5.7	* 3.7	9.4	43.6
55 and over	9.2	* 1.8	10.9	13.6	* 2.1	15.7	* 3.5	* 0.8	4.4	20.1
Total	89.0	25.8	114.8	136.4	50.6	186.9	64.4	37.0	101.4	288.4

TABLE 31. PERSONS NOT IN THE LABOUR FORCE: AGE AND MARITAL STATUS, DECEMBER 1998

Age group	Males			Females			Persons	Proportion of population - per cent -
	Married	Not married	Total	Married - '000 -	Not married	Total		
15-19	* 0.7	251.9	252.6	8.5	224.1	232.7	485.3	37.0
20-24	7.1	73.8	80.9	53.0	81.7	134.8	215.7	16.0
25-34	37.1	66.5	103.6	338.6	111.0	449.6	553.2	19.2
35-44	61.7	52.1	113.8	329.4	104.5	433.9	547.7	19.0
45-54	99.5	54.9	154.4	284.8	90.3	375.1	529.6	21.2
55-59	91.6	32.9	124.5	190.9	55.7	246.6	371.1	41.3
60-64	161.0	42.5	203.6	209.3	97.9	307.1	510.7	68.1
65-69	212.6	54.2	266.8	202.2	116.5	318.7	585.5	87.7
70 and over	434.9	204.7	639.6	331.8	599.7	931.5	1,571.1	96.7
Total	1,106.2	833.6	1,939.8	1,948.6	1,481.3	3,429.9	5,369.7	36.1

TABLE 32. PERSONS NOT IN THE LABOUR FORCE: WHETHER LOOKING FOR WORK, ETC., DECEMBER 1998 ('000)

	Males			Females			Persons
	Married	Not married	Total	Married	Not married	Total	
<i>Looking for work</i>	21.0	44.4	65.3	36.0	49.9	85.9	151.2
Took active steps to find work(a)	8.3	21.3	29.6	12.2	22.3	34.6	64.2
Did not take active steps to find work	12.6	23.1	35.7	23.7	27.6	51.3	87.0
Not looking for work	1,014.3	711.5	1,725.8	1,865.0	1,274.9	3,139.9	4,865.7
Permanently unable to work	36.9	20.9	57.8	15.8	32.2	48.0	105.8
In institutions	34.1	56.9	91.0	31.8	124.3	156.1	247.0
Total	1,106.2	833.6	1,939.8	1,948.6	1,481.3	3,429.9	5,369.7

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

**TABLE 33. ESTIMATES OF LABOUR FORCE STATUS AND GROSS CHANGES (FLOWS) DERIVED FROM
MATCHED RECORDS NOVEMBER 1998 AND DECEMBER 1998
(^{'000})**

<i>Labour force status in November 1998</i>	<i>Labour force status in December 1998</i>			
	<i>Employed full time</i>	<i>Employed part time</i>	<i>Unemployed</i>	<i>Not in the labour force</i>
MALES				
Employed full time	3,394.4	72.4	21.9	33.7
Employed part time	95.1	352.0	21.1	35.0
Unemployed	32.4	27.5	213.5	57.1
Not in the labour force	43.9	50.6	70.7	1,360.6
MARRIED FEMALES				
Employed full time	916.9	78.3	* 0.9	21.9
Employed part time	88.9	719.2	10.0	56.6
Unemployed	6.1	10.8	45.0	27.5
Not in the labour force	17.6	58.7	26.8	1,475.8
ALL FEMALES				
Employed full time	1,594.5	113.0	4.8	29.8
Employed part time	141.1	1,122.5	23.2	80.9
Unemployed	13.9	30.9	129.3	58.8
Not in the labour force	33.6	104.0	77.5	2,482.7
PERSONS				
Employed full time	4,988.9	185.4	26.7	63.5
Employed part time	236.2	1,474.5	44.4	115.9
Unemployed	46.3	58.4	342.8	115.9
Not in the labour force	77.4	154.6	148.2	3,843.3

POPULATION REPRESENTED BY THE MATCHED SAMPLE

<i>Males</i>	<i>Females</i>		<i>Persons</i>
	<i>Married</i>	<i>Total</i>	
5,881.7	3,560.9	6,040.5	11,922.2

TABLE 34. RELATIONSHIP IN HOUSEHOLD, THE CIVILIAN POPULATION AGED 15 AND OVER: SUMMARY TABLE, DECEMBER 1998

	Employed	Unemployed PERSONS ('000)	Labour force	Not in labour force	Civilian population aged 15 and over		
					Males	Females	Persons
Family member	7,156.1	552.3	7,708.4	3,981.7	5,789.3	5,900.7	11,690.1
Husband or wife	5,262.8	235.0	5,497.7	2,900.7	4,259.8	4,138.7	8,398.5
With children under 15	2,486.5	131.0	2,617.5	794.0	1,741.5	1,669.9	3,411.5
Without children under 15	2,776.2	104.0	2,880.2	2,106.8	2,518.3	2,468.7	4,987.0
With dependants	2,891.6	146.1	3,037.7	885.8	2,001.3	1,922.3	3,923.5
Without dependants	2,371.2	88.9	2,460.0	2,014.9	2,258.5	2,216.4	4,474.9
Lone parent	341.2	53.9	395.1	365.5	109.1	651.6	760.6
With children under 15	205.8	40.2	246.0	208.5	44.7	409.8	454.5
With dependent students but without children under 15	46.8	4.3	51.1	16.9	15.6	52.3	68.0
Without dependants	88.6	9.5	98.1	140.1	48.8	189.4	238.2
Dependent student(a)	353.5	83.0	436.5	372.7	403.0	406.1	809.1
Non-dependent child(b)	1,064.2	160.2	1,224.5	192.2	881.5	535.2	1,416.6
Other family person	134.5	20.1	154.6	150.6	136.0	169.2	305.2
Non-family member	1,352.9	126.6	1,479.5	939.6	1,189.7	1,229.5	2,419.2
Lone person	707.1	69.1	776.2	807.2	716.0	867.4	1,583.4
Not living alone	645.8	57.6	703.3	132.4	473.7	362.1	835.8
<i>Usual resident of a household where relationship was determined</i>	<i>8,509.0</i>	<i>678.9</i>	<i>9,187.9</i>	<i>4,921.3</i>	<i>6,979.0</i>	<i>7,130.2</i>	<i>14,109.2</i>
Usual resident of a household where relationship was not determined	146.5	13.0	159.5	69.2	100.3	128.5	228.7
Total usual residents of private dwellings	8,655.6	691.9	9,347.4	4,990.5	7,079.3	7,258.7	14,338.0
Visitors to private dwellings	53.0	7.5	60.5	51.4	50.3	61.6	112.0
Persons enumerated in non-private dwellings	86.7	7.1	93.9	327.8	196.0	225.6	421.7
Total	8,795.3	706.5	9,501.8	5,369.7	7,325.7	7,545.9	14,871.6
PROPORTION OF TOTAL (per cent)							
Family member	81.4	78.2	81.1	74.2	79.0	78.2	78.6
Husband or wife	59.8	33.3	57.9	54.0	58.1	54.8	56.5
With children under 15	28.3	18.5	27.5	14.8	23.8	22.1	22.9
Without children under 15	31.6	14.7	30.3	39.2	34.4	32.7	33.5
With dependants	32.9	20.7	32.0	16.5	27.3	25.5	26.4
Without dependants	27.0	12.6	25.9	37.5	30.8	29.4	30.1
Lone parent	3.9	7.6	4.2	6.8	1.5	8.6	5.1
With children under 15	2.3	5.7	2.6	3.9	0.6	5.4	3.1
With dependent students but without children under 15	0.5	0.6	0.5	0.3	0.2	0.7	0.5
Without dependants	1.0	1.3	1.0	2.6	0.7	2.5	1.6
Dependent student(a)	4.0	11.7	4.6	6.9	5.5	5.4	5.4
Non-dependent child(b)	12.1	22.7	12.9	3.6	12.0	7.1	9.5
Other family person	1.5	2.8	1.6	2.8	1.9	2.2	2.1
Non-family member	15.4	17.9	15.6	17.5	16.2	16.3	16.3
Lone person	8.0	9.8	8.2	15.0	9.8	11.5	10.6
Not living alone	7.3	8.1	7.4	2.5	6.5	4.8	5.6
<i>Usual resident of a household where relationship was determined</i>	<i>96.7</i>	<i>96.1</i>	<i>96.7</i>	<i>91.6</i>	<i>95.3</i>	<i>94.5</i>	<i>94.9</i>
Usual resident of a household where relationship was not determined	1.7	1.8	1.7	1.3	1.4	1.7	1.5
Total usual residents of private dwellings	98.4	97.9	98.4	92.9	96.6	96.2	96.4
Visitors to private dwellings	0.6	1.1	0.6	1.0	0.7	0.8	0.8
Persons enumerated in non-private dwellings	1.0	1.0	1.0	6.1	2.7	3.0	2.8
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

(a) Excludes persons aged 20-24 attending school. Also excludes sons or daughters aged 15-24 who are classified as husbands, wives or lone parents. (b) Aged 15 and over.

**TABLE 35. RELATIONSHIP IN HOUSEHOLD AND LABOUR FORCE STATUS OF PERSONS AGED 15 AND OVER(a),
DECEMBER 1998**

	<i>Employed</i>		<i>Unemployed</i>		<i>Labour force</i>	<i>Not in labour force</i>	<i>Civilian population aged 15 and over</i>	<i>Unemployment rate - per cent -</i>	<i>Participation rate</i>	
	<i>Full-time workers</i>	<i>Part-time workers</i>	<i>Total</i>	<i>Looking for full-time work</i>						<i>Total - '000 -</i>
MALES										
Family member	3,538.6	495.3	4,033.9	259.2	311.1	4,345.0	1,444.3	5,789.3	7.2	75.1
Husband	2,841.5	235.3	3,076.9	129.7	137.6	3,214.5	1,045.4	4,259.8	4.3	75.5
With children under 15	1,454.6	87.3	1,541.8	77.7	81.4	1,623.2	118.4	1,741.5	5.0	93.2
Without children under 15	1,386.9	148.1	1,535.0	52.0	56.3	1,591.3	927.0	2,518.3	3.5	63.2
With dependants	1,664.3	100.1	1,764.4	85.9	90.0	1,854.4	146.8	2,001.3	4.9	92.7
Without dependants	1,177.2	135.2	1,312.4	43.9	47.6	1,360.0	898.5	2,258.5	3.5	60.2
Lone parent	50.6	9.3	59.9	6.2	8.2	68.1	41.0	109.1	12.0	62.4
With children under 15	20.4	6.5	26.9	* 2.9	4.6	31.4	13.3	44.7	14.5	70.3
With dependent students but without children under 15	10.5	* 0.4	10.9	* 1.8	* 1.8	12.7	* 3.0	15.6	* 14.2	81.0
Without dependants	19.7	* 2.5	22.2	* 1.4	* 1.8	24.0	24.8	48.8	* 7.6	49.2
Dependent student(b)	30.4	129.0	159.4	10.9	43.4	202.8	200.2	403.0	21.4	50.3
Non-dependent child(c)	550.4	109.0	659.4	102.0	110.2	769.6	111.9	881.5	14.3	87.3
Other family person	65.7	12.7	78.3	10.3	11.7	90.0	45.9	136.0	13.0	66.2
Non-family member	685.2	97.6	782.7	82.7	86.0	868.8	321.0	1,189.7	9.9	73.0
Lone person	367.3	49.2	416.5	48.8	50.7	467.3	248.8	716.0	10.9	65.3
Not living alone	317.9	48.3	366.2	33.9	35.3	401.5	72.2	473.7	8.8	84.8
Total	4,223.8	592.8	4,816.6	341.8	397.1	5,213.7	1,765.3	6,979.0	7.6	74.7
FEMALES										
Family member	1,679.6	1,442.6	3,122.2	157.0	241.1	3,363.4	2,537.4	5,900.7	7.2	57.0
Wife	1,194.4	991.5	2,185.9	68.4	97.4	2,283.3	1,855.4	4,138.7	4.3	55.2
With children under 15	397.5	547.2	944.7	30.4	49.6	994.3	675.6	1,669.9	5.0	59.5
Without children under 15	797.0	444.3	1,241.2	38.1	47.8	1,289.0	1,179.8	2,468.7	3.7	52.2
With dependants	502.2	625.0	1,127.2	34.7	56.1	1,183.3	738.9	1,922.3	4.7	61.6
Without dependants	692.3	366.4	1,058.7	33.7	41.2	1,100.0	1,116.4	2,216.4	3.7	49.6
Lone parent	155.8	125.5	281.3	32.8	45.7	327.0	324.5	651.6	14.0	50.2
With children under 15	81.0	97.9	178.9	23.5	35.6	214.6	195.3	409.8	16.6	52.4
With dependent students but without children under 15	23.6	12.3	35.9	* 2.5	* 2.5	38.4	13.9	52.3	* 6.4	73.4
Without dependants	51.2	15.3	66.5	6.8	7.6	74.1	115.3	189.4	10.3	39.1
Dependent student(b)	16.7	177.4	194.1	7.9	39.6	233.6	172.5	406.1	16.9	57.5
Non-dependent child(c)	271.9	132.9	404.8	41.3	50.0	454.8	80.3	535.2	11.0	85.0
Other family person	40.8	15.3	56.1	6.5	8.4	64.5	104.7	169.2	13.0	38.1
Non-family member	430.4	139.8	570.2	32.3	40.6	610.8	618.7	1,229.5	6.7	49.7
Lone person	217.1	73.5	290.6	14.7	18.4	308.9	558.4	867.4	5.9	35.6
Not living alone	213.3	66.3	279.6	17.7	22.3	301.8	60.3	362.1	7.4	83.4
Total	2,110.0	1,582.4	3,692.4	189.3	281.8	3,974.2	3,156.1	7,130.2	7.1	55.7
PERSONS										
Family member	5,218.2	1,937.9	7,156.1	416.1	552.3	7,708.4	3,981.7	11,690.1	7.2	65.9
Husband or wife	4,035.9	1,226.8	5,262.8	198.1	235.0	5,497.7	2,900.7	8,398.5	4.3	65.5
With children under 15	1,852.1	634.5	2,486.5	108.1	131.0	2,617.5	794.0	3,411.5	5.0	76.7
Without children under 15	2,183.9	592.3	2,776.2	90.0	104.0	2,880.2	2,106.8	4,987.0	3.6	57.8
With dependants	2,166.5	725.2	2,891.6	120.6	146.1	3,037.7	885.8	3,923.5	4.8	77.4
Without dependants	1,869.5	501.7	2,371.2	77.6	88.9	2,460.0	2,014.9	4,474.9	3.6	55.0
Lone parent	206.4	134.8	341.2	38.9	53.9	395.1	365.5	760.6	13.6	51.9
With children under 15	101.4	104.4	205.8	26.4	40.2	246.0	208.5	454.5	16.3	54.1
With dependent students but without children under 15	34.1	12.7	46.8	4.3	4.3	51.1	16.9	68.0	8.3	75.1
Without dependants	70.9	17.7	88.6	8.3	9.5	98.1	140.1	238.2	9.6	41.2
Dependent student(b)	47.1	306.4	353.5	18.9	83.0	436.5	372.7	809.1	19.0	53.9
Non-dependent child(c)	822.3	241.9	1,064.2	143.4	160.2	1,224.5	192.2	1,416.6	13.1	86.4
Other family person	106.5	28.0	134.5	16.8	20.1	154.6	150.6	305.2	13.0	50.6
Non-family member	1,115.5	237.4	1,352.9	115.0	126.6	1,479.5	939.6	2,419.2	8.6	61.2
Lone person	584.4	122.7	707.1	63.4	69.1	776.2	807.2	1,583.4	8.9	49.0
Not living alone	531.1	114.6	645.8	51.6	57.6	703.3	132.4	835.8	8.2	84.2
Total	6,333.8	2,175.3	8,509.0	531.1	678.9	9,187.9	4,921.3	14,109.2	7.4	65.1

(a) Civilians who were residents of private dwellings where family status was determined. See Explanatory Notes paragraphs 45 and 46. (b) Excludes persons aged 20-24 attending school. Also excludes sons or daughters aged 15-24 who are classified as husbands, wives or lone parents. (c) Aged 15 and over.

TABLE 36. ALL FAMILIES(a): FAMILY TYPE, NUMBER OF FAMILY MEMBERS AND LABOUR FORCE STATUS, DECEMBER 1998
(*000 families)

Number of family members of any age	None employed			One employed			Two or more employed			Total		
	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total	None unemp-loyed	One or more unemp-loyed	Total
COUPLE FAMILY												
Two	676.3	27.8	704.1	257.3	32.5	289.8	738.3	..	738.3	1,671.9	60.3	1,732.2
Three	50.9	30.1	81.0	233.2	30.7	263.9	480.2	21.5	501.7	764.4	82.3	846.7
Four	26.3	20.8	47.1	241.8	35.5	277.3	609.6	46.6	656.2	877.7	103.0	980.6
Five	15.1	15.1	30.2	124.7	20.8	145.5	265.4	28.3	293.6	405.2	64.2	469.4
Six or more	6.0	15.1	21.2	49.4	7.5	56.9	84.7	18.1	102.8	140.2	40.7	180.9
Total	774.6	108.9	883.5	906.4	127.1	1,033.5	2,178.3	114.5	2,292.8	3,859.3	350.5	4,209.8
ONE PARENT FAMILY WITH A MALE PARENT												
Two	10.7	6.1	16.8	31.0	6.5	37.5	16.5	..	16.5	58.3	12.6	70.8
Three or more	7.1	4.5	11.6	14.6	* 3.8	18.4	8.2	* 1.8	9.9	29.9	10.1	39.9
Total	17.9	10.5	28.4	45.6	10.4	55.9	24.7	* 1.8	26.5	88.1	22.7	110.8
ONE PARENT FAMILY WITH A FEMALE PARENT												
Two	107.9	31.1	139.0	145.3	12.2	157.5	49.5	..	49.5	302.8	43.3	346.1
Three	69.0	15.6	84.7	72.2	8.0	80.2	35.7	7.4	43.0	176.9	31.0	207.8
Four	30.5	5.8	36.3	22.4	4.3	26.7	13.3	* 1.7	15.1	66.3	11.8	78.1
Five or more	12.0	* 3.9	15.8	5.1	* 1.2	6.3	4.5	* 1.7	6.1	21.5	6.7	28.3
Total	219.4	56.4	275.8	245.0	25.7	270.7	103.0	10.7	113.8	567.4	92.8	660.3
ONE PARENT FAMILIES: TOTAL												
Two	118.6	37.2	155.9	176.3	18.7	195.0	66.1	..	66.1	361.0	55.9	417.0
Three	73.4	18.9	92.4	82.2	10.7	92.9	42.5	8.6	51.0	198.1	38.2	236.2
Four	32.7	6.6	39.3	26.1	5.2	31.3	14.6	* 2.0	16.6	73.4	13.8	87.2
Five or more	12.6	4.2	16.7	6.0	* 1.5	7.4	4.5	* 1.9	6.5	23.1	7.6	30.7
Total	237.3	66.9	304.2	290.6	36.0	326.6	127.7	12.5	140.2	655.6	115.5	771.1
OTHER FAMILY												
Two	15.4	5.7	21.1	14.7	4.4	19.1	31.9	..	31.9	62.0	10.1	72.1
Three or more	* 2.0	* 0.3	* 2.4	* 0.2	* 0.3	* 0.5	* 2.0	* 0.6	* 2.6	4.2	* 1.2	5.4
Total	17.5	6.0	23.5	14.9	4.7	19.6	33.9	* 0.6	34.5	66.3	11.3	77.6
TOTAL												
Two	810.3	70.7	881.0	448.3	55.7	504.0	836.3	..	836.3	2,095.0	126.3	2,221.3
Three	126.4	49.3	175.7	315.6	41.6	357.2	524.1	30.7	554.7	966.0	121.6	1,087.7
Four	58.9	27.4	86.4	267.9	40.7	308.6	624.9	48.7	673.6	951.7	116.8	1,068.5
Five	24.0	18.0	42.0	129.7	22.0	151.8	268.4	29.4	297.8	422.1	69.4	491.5
Six or more	9.7	16.4	26.1	50.3	7.8	58.1	86.3	18.9	105.2	146.3	43.1	189.4
Total	1,029.4	181.8	1,211.2	1,211.9	167.8	1,379.7	2,339.9	127.6	2,467.5	4,581.1	477.3	5,058.4

(a) See Explanatory Notes paragraphs 45 and 46 for details of exclusions to family tables.

TABLE 37. ALL FAMILIES(a): FAMILY TYPE, NUMBER OF CHILDREN UNDER 15 PRESENT, NUMBER OF DEPENDANTS AND LABOUR FORCE STATUS, DECEMBER 1998
(*000 families)

	<i>Number of children under 15</i>			<i>Number of dependants</i>			<i>Total</i>
	<i>None</i>	<i>One</i>	<i>Two or more</i>	<i>None</i>	<i>One</i>	<i>Two or more</i>	
NO FAMILY MEMBER EMPLOYED							
Couple family	759.1	43.4	81.1	747.8	46.5	89.2	883.5
One or both spouses unemployed(b)	30.8	20.4	39.2	28.9	19.8	41.7	90.5
Husband unemployed, wife unemployed	11.5	* 3.9	6.7	10.9	4.4	6.8	22.2
Husband unemployed, wife not in the labour force	16.0	15.3	29.4	14.7	14.2	31.8	60.7
Neither spouse unemployed	728.2	22.9	41.9	718.9	26.7	47.4	793.1
One parent families	73.0	111.8	119.4	60.3	113.2	130.8	304.2
Parent unemployed	6.2	19.8	16.5	* 3.9	20.8	17.7	42.4
Male parent unemployed	* 1.3	* 1.6	* 2.5	* 0.7	* 1.9	* 2.9	5.4
Female parent unemployed	4.9	18.2	13.9	* 3.2	19.0	14.8	37.0
Parent not unemployed	66.8	92.0	103.0	56.4	92.4	113.1	261.8
Male parent not in the labour force	10.7	5.6	6.6	9.2	6.1	7.6	22.9
Female parent not in the labour force	56.1	86.4	96.3	47.1	86.3	105.4	238.8
Other family	23.5	..	..	23.5	..	..	23.5
Family head unemployed	* 3.3	..	..	* 3.3	..	..	* 3.3
Family head not unemployed	20.1	..	..	20.1	..	..	20.1
Family head not in the labour force	20.1	..	..	20.1	..	..	20.1
<i>Total</i>	<i>855.5</i>	<i>155.2</i>	<i>200.5</i>	<i>831.6</i>	<i>159.7</i>	<i>219.9</i>	<i>1,211.2</i>
ONE OR MORE FAMILY MEMBERS EMPLOYED							
Couple family	1,744.7	593.1	988.4	1,498.1	624.7	1,203.5	3,326.3
One or both spouses unemployed(b)	59.4	22.9	36.4	49.4	24.3	44.9	118.7
Husband employed, wife unemployed	29.9	12.8	22.3	26.4	13.8	24.8	65.0
Husband unemployed, wife employed	19.5	8.1	12.0	16.2	7.0	16.5	39.7
Husband unemployed, wife unemployed	* 3.3	* 0.0	* 0.3	* 0.6	* 2.2	* 0.8	* 3.6
Husband unemployed, wife not in the labour force	5.2	* 1.9	* 1.8	4.7	* 1.3	* 2.9	8.9
Neither spouse unemployed	1,685.3	570.2	952.0	1,448.6	600.3	1,158.6	3,207.6
Husband employed, wife employed	1,154.9	367.4	541.8	980.7	384.4	698.9	2,064.0
Husband employed, wife not in the labour force	336.4	180.1	386.0	292.2	184.5	425.9	902.6
Husband not in the labour force, wife employed	92.6	16.0	20.7	82.7	20.9	25.6	129.2
Husband not in the labour force, wife not in the labour force	101.5	6.7	* 3.6	93.1	10.4	8.2	111.7
One parent families	241.3	129.6	95.9	184.3	154.0	128.4	466.8
Parent unemployed	8.0	* 2.5	* 1.4	6.0	* 3.4	* 2.6	12.0
Parent not unemployed	233.3	127.1	94.5	178.3	150.7	125.9	454.9
Male parent employed	33.8	17.2	9.8	22.9	23.8	14.2	60.8
Female parent employed	105.9	100.9	79.3	68.9	116.0	101.3	286.1
Male parent not in the labour force	17.6	* 0.5	* 0.7	16.1	* 1.5	* 1.2	18.8
Female parent not in the labour force	76.0	8.5	4.6	70.5	9.4	9.2	89.2
Other family	54.1	..	..	54.1	..	..	54.1
Family head unemployed	* 2.5	..	..	* 2.5	..	..	* 2.5
Family head not unemployed	51.6	..	..	51.6	..	..	51.6
Family head employed	41.0	..	..	41.0	..	..	41.0
Family head not in the labour force	10.6	..	..	10.6	..	..	10.6
<i>Total</i>	<i>2,040.1</i>	<i>722.7</i>	<i>1,084.4</i>	<i>1,736.5</i>	<i>778.7</i>	<i>1,332.0</i>	<i>3,847.2</i>
TOTAL							
Couple family	2,503.8	636.5	1,069.5	2,245.9	671.2	1,292.7	4,209.8
One or both spouses unemployed(b)	90.2	43.3	75.6	78.4	44.1	86.7	209.2
Husband employed, wife unemployed	29.9	12.8	22.3	26.4	13.8	24.8	65.0
Husband unemployed, wife employed	19.5	8.1	12.0	16.2	7.0	16.5	39.7
Husband unemployed, wife unemployed	14.8	* 3.9	7.1	11.5	6.7	7.6	25.8
Husband unemployed, wife not in the labour force	21.3	17.2	31.2	19.4	15.4	34.8	69.6
Neither spouse unemployed	2,413.6	593.2	993.9	2,167.5	627.1	1,206.0	4,000.6
Husband employed, wife employed	1,154.9	367.4	541.8	980.7	384.4	698.9	2,064.0
Husband employed, wife not in the labour force	336.4	180.1	386.0	292.2	184.5	425.9	902.6
Husband not in the labour force, wife employed	92.6	16.0	20.7	82.7	20.9	25.6	129.2
Husband not in the labour force, wife not in the labour force	829.7	29.7	45.4	812.0	37.2	55.7	904.8
One parent families	314.3	241.4	215.4	244.6	267.2	259.2	771.1
Parent unemployed	14.2	22.3	17.9	9.9	24.2	20.3	54.4
Male parent unemployed	* 3.7	* 1.8	* 2.8	* 1.9	* 3.2	* 3.1	8.3
Female parent unemployed	10.4	20.6	15.1	8.0	21.0	17.1	46.1
Parent not unemployed	300.1	219.1	197.5	234.7	243.0	238.9	716.7
Male parent employed	33.8	17.2	9.8	22.9	23.8	14.2	60.8
Female parent employed	105.9	100.9	79.3	68.9	116.0	101.3	286.1
Male parent not in the labour force	28.3	6.1	7.4	25.3	7.6	8.9	41.7
Female parent not in the labour force	132.1	94.9	101.0	117.7	95.7	114.6	328.0
Other family	77.6	..	..	77.6	..	..	77.6
Family head unemployed	5.8	..	..	5.8	..	..	5.8
Family head not unemployed	71.8	..	..	71.8	..	..	71.8
Family head employed	41.0	..	..	41.0	..	..	41.0
Family head not in the labour force	30.8	..	..	30.8	..	..	30.8
Total	2,895.7	877.9	1,284.9	2,568.1	938.4	1,551.9	5,058.4

(a) See Explanatory Notes paragraphs 45 and 46 for details of exclusions to family tables. (b) Includes a small number of families with husband not in the labour force and wife unemployed.

EXPLANATORY NOTES

INTRODUCTION

1 This publication contains estimates of the civilian labour force derived from the Labour Force Survey component of the Monthly Population Survey. Estimates of the labour force characteristics of family members and of family composition are also included.

2 Estimates of the civilian labour force are available for over 77 regions across Australia and are shown in various publications produced by State offices of the ABS. These data are also available on microfiche or as a special data service. For details, contact any ABS office.

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

4 Although emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are available on request. A list of survey publications on labour force and related topics appears at the end of this publication.

POPULATION SURVEY

5 The population survey is based on a multi-stage area sample of private dwellings (currently about 30,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about 0.5% of the population of Australia. The information is obtained from the occupants of selected dwellings by specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

INTRODUCTION OF TELEPHONE INTERVIEWING

6 The ABS introduced the use of telephone interviewing into the Labour Force Survey over the period August 1996 to February 1997. Households selected for the Labour Force Survey are interviewed each month for eight months, with one-eighth of the sample being replaced each month. The first interview is conducted face-to-face. Subsequent interviews are then conducted by telephone (if acceptable to the respondent). The method was phased in by switching each incoming sample group over to telephone interviewing in its second month in the survey.

7 During the period of implementation, the new method produced different estimates than would have been obtained under the old methodology. The effect peaked in November 1996, when it is estimated that the published estimate of total employment was about 36,000 to 48,000 lower than would have been measured under the old methodology. The effect dissipated over the final months of implementation and was no longer discernible from February 1997. Therefore, the estimates for February 1997 and onwards are directly comparable to estimates for periods prior to August 1996.

SCOPE

8 The Labour Force Survey includes all persons aged 15 and over except:

- members of the permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- overseas residents in Australia; and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

From July 1993 Jervis Bay Territory has been excluded from the scope of the survey. Before July 1993 it was included in estimates for the Australian Capital Territory.

COVERAGE

9 In the Labour Force Survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 45 for information about the effect of the coverage rules on family statistics.

10 Persons who are away from their usual residence for six weeks or less at the time of interview are enumerated at their usual residence (relevant information may be obtained from other usual residents present at the time of the survey).

POPULATION BENCHMARKS

11 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 usually resident population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. Persons who, at the time of interview, are overseas for more than six weeks but for less than 12 months are included in the independent population statistics (benchmarks) and are thus provided for in the calculation of the estimates. The benchmarks are the latest available estimates at the time the Labour Force Survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (3101.0) because they are derived from incomplete information about population changes.

REVISION OF POPULATION BENCHMARKS

12 Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each Census of Population and Housing, and when population estimation bases are reviewed. These revisions affect original, seasonally adjusted and trend estimates. The last such revision was made in February 1994 to take account of the results of the 1991 Census of Population and Housing, which affected all the monthly estimates from January 1989 to January 1994.

13 Population benchmarks used in the estimation of Labour Force Survey data are compiled according to place of usual residence. For an explanation

of the conceptual basis of population estimates, see *Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates* (3216.0). Prior to October 1982, labour force estimates were based on a combination of place of enumeration and place of usual residence.

HISTORY OF THE SURVEY

14 National surveys were conducted in February, May, August and November each year from 1964 to February 1978. The survey has been conducted on a monthly basis since February 1978.

QUESTIONNAIRE CHANGES

15 The questionnaire used in the survey for the collection of labour force data has been revised from time to time. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986, June 1991 and March 1993. The most recent change was in February 1998, to include references to Centrelink.

INCLUSION OF CONTRIBUTING FAMILY WORKERS

16 In April 1986, the questionnaire was revised following the extension of the definition of employed persons to include persons who worked without pay between 1–14 hours per week in a family business or on a farm (i.e. contributing family workers). This definition aligned the Australian labour force concepts with the set of definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.

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

18 A revised procedure for weighting families estimates, as presented in this publication, was also introduced in April 1986. Additional tables were included in the April 1986 issue of this publication to show the impact of this new procedure. Paragraph 50 contains more details.

COMPARABILITY OF SERIES

19 As noted in paragraph 12, estimates from January 1989 were revised to conform to revised population estimates following the 1991 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1989. An examination of the revised estimates showed that the effects on Labour Force Survey estimates for the period before January 1989 were inconsequential, and that no meaningful purpose would be served by publishing revised estimates for that period.

20 Comparability with estimates produced from the quarterly Survey of Employment and Earnings is affected by the use of a different survey methodology and definitions. The Labour Force Survey provides estimates of people in jobs whereas the Survey of Employment and Earnings provides an estimate of the number of jobs held by employees. A more detailed

description of the differences between these two series is available on request.

21 From December 1989 onwards, the category 'other families' was split into 'one-parent families' and 'other families'. Therefore estimates of other families were not strictly comparable with estimates in previous issues. However, in November 1989, 97% of other families with dependants were one-parent families. In March 1994, a new families classification was introduced which also affected comparability (see paragraphs 47 to 49).

SURVEY SAMPLE REDESIGN

22 Following each Population Census, the ABS reselects the Labour Force Survey sample to take into account the new information which is obtained from the Census. The sample that was used in the Labour Force Survey from September 1992 to August 1997 has been replaced by a new sample selected using information collected in the 1996 Census. The new sample was phased in over the period September 1997 to April 1998. For additional information, see *Information Paper: Labour Force Survey Sample Design* (6269.0).

23 The sampling fractions for each State/Territory differ in order to yield reliable estimates of the main labour force aggregates for each State and Territory. The sampling fractions for the new sample together with the sampling fractions determined from the 1991 Census are:

	1991 Census <i>redesign</i>	1996 Census <i>redesign</i>
New South Wales	1 in 277	1 in 300
Victoria	1 in 242	1 in 257
Queensland	1 in 195	1 in 222
South Australia	1 in 139	1 in 147
Western Australia	1 in 146	1 in 160
Tasmania	1 in 75	1 in 83
Northern Territory	1 in 75	1 in 85
Australian Capital Territory	1 in 75	1 in 85

RELIABILITY OF THE ESTIMATES

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

- **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 Notes; and
- **non-sampling error:** inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

DIFFERENCES BETWEEN
CENSUS AND LABOUR FORCE
SURVEY ESTIMATES

25 The results of the 1996 Census of Population and Housing show that labour force estimates derived from the Census differ from those derived from the Labour Force Survey.

26 The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the Census and the survey.

27 There are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the Population Census for which census labour force estimates have not been adjusted, the use in the Labour Force Survey of population benchmarks derived from incomplete information about population change (see paragraph 11), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics and differing methods of adjustment for non-response to the survey or Census.

28 The Labour Force Survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the Census of Population and Housing provides counts for small areas but in less detail than is available from the survey.

29 These considerations should be borne in mind when comparisons are made between Population Census and Labour Force Survey estimates.

SEASONAL ADJUSTMENT

30 Seasonally adjusted series are published in tables 2, 8, and 26. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be recognised more clearly. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour. For example, irregular factors unrelated to the trend account for more than half the seasonally adjusted movement in series at the Australia level, with the following frequency:

<i>Series</i>	<i>Monthly movements</i>
Employment	5 in 10
Unemployment	7 in 10
Unemployment rate	7 in 10
Participation rate	9 in 10

31 The seasonal factors for all seasonally adjusted series are reviewed annually to take account of each additional year's original data. The latest review, in February 1998, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. For information about the method of adjustment, please refer to the feature article in the February 1998 issue of this publication. Revised seasonally adjusted and

trend estimates for all months for Australia and the States are available on request. Inquiries concerning this data should be directed to Michael Sleep on Canberra 02 6252 6525.

TREND ESTIMATION

32 Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The monthly trend estimates are derived by applying a 13-term Henderson-weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. Quarterly trend estimates (e.g. employment by industry) are derived by applying a 7-term Henderson moving average to the seasonally adjusted series. The 7-term Henderson average also uses surrogate forms of the average as the end of a time series is approached. Unlike the surrogate weights of the 13-term Henderson used on monthly data, the weights employed here are tailored to suit the particular characteristics of individual series. These trend series are used to analyse the underlying behaviour of the series over time. Trend series graphs are shown on pages 8 to 11 with the trend series published in tables 3, 9, and 26. Data from February 1978 are available on the ABS on-line data dissemination service, PC Ausstats. The trend series of the participation rate for married females are based on smoothed population estimates.

33 While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months or two quarters have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 31.

34 Trend estimates for the Australian Capital Territory and the Northern Territory are published in table 9. Original estimates for the two Territories have shown, historically, a high degree of variability, which can lead to considerable revisions to the seasonally adjusted estimates after each annual seasonal factor re-analysis. Seasonally adjusted estimates are not currently published for the two Territories. The most recent six months trend estimates are subject to revision. For the three most recent months, the revision may be relatively large. Inferences about trends drawn from smoothed seasonally adjusted (trend) estimates for months earlier than the latest three months are unlikely to be affected by month-to-month revisions. They may, however, be revised as a result of the annual re-analysis of seasonal factors.

35 Users may wish to refer to the ABS publication *A Guide to Interpreting Time Series — Monitoring 'Trends' an Overview* (1348.0) for further information about trend estimates. Details of the trend weighting patterns are available on request from the Assistant Director, Time Series Analysis on Canberra 02 6252 6345.

MONTH-TO-MONTH MOVEMENTS

36 Care should be taken in the interpretation of month-to-month movements in these estimates. Survey estimates are subject to sampling and non-sampling variability as explained in paragraph 24.

GROSS FLOWS

37 In order to minimise respondent load and at the same time maintain continuity within the population survey sample, one-eighth of the 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.

38 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.

39 The procedures used to select persons in non-private dwellings preclude the possibility of matching any of them who may be included in successive surveys. For this and other reasons, including the mobility of the population and non-response in either or both surveys, about 10% of persons in those dwellings which are included in the sample in successive months cannot be matched. The introduction of the new sample means less persons will be common between August, September and October 1997. Normally those who can be matched represent about 80% of all persons in the survey.

40 Changes in the characteristics of this latter group are shown in the gross flows table (table 33). About two-thirds of the remaining (unmatched) 20% of persons in the survey are likely to have characteristics similar to those in the matched group, but the characteristics of the other third are likely to be somewhat different.

41 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. Note that the estimates have not been adjusted to account for the unmatched sample component.

42 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 proportions 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.

43 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 Notes. For these reasons the estimates of flows should be used with caution. The standard errors may be obtained from table A of the Technical Notes.

44 As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their relationship in the household and the estimation of families. This publication contains tables showing the labour force status and family status of individuals and families classified by family type, number of family members, the labour force status of persons within families, the number of children under 15 present and the number of dependants present.

45 Because of the coverage rules, 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, hospitals, etc.). The determination of family structure and family characteristics in such cases is difficult.

Thus for survey questions used to determine family relationships, scope was further restricted to usual residents of private dwellings and the following persons were excluded:

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

46 In addition, in those households where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus persons living in households which include a member of the permanent defence forces, who is outside the scope of the population survey, are excluded from survey questions used to determine family relationships because family information could not be obtained from each usual resident. Similarly households which, at the time of the survey, have one or more of their usual residents away for more than six weeks, are excluded from the family survey. This also applies to households from which an incomplete or inadequate questionnaire was obtained for any usual resident in on scope and coverage. A summary of those persons for whom family information is obtained as well as those usual residents of private dwellings for whom complete family information cannot be obtained, and those persons specifically excluded from the family determination procedures is contained in the family tables. Generally, relationship in household is determined for more than 90% of all civilians aged 15 and over.

47 *Relationship in household* and *Family type* classifications were introduced in the March 1994 issue of this publication to align with ABS standards. Most categories in the two classifications remain comparable with

categories in the previous classifications. The cases in which there are breaks in comparability are discussed in the following paragraphs.

48 *Relationship in household.* This classification was previously referred to as *Family status*.

- *Lone parents* (previously referred to as *Sole parents*) now includes parents with non-dependent children (provided those children are without a spouse or children of their own). These *Lone parents without dependants* are shown separately in table 35 and there were 205,800 such persons in March 1994.
- *Dependent students* (previously *Full-time students aged 15–24*) now comprise sons or daughters (of a couple or a lone parent) aged 15–19 attending school or aged 15–24 attending a tertiary educational institution full time. Other related full-time students, who were also previously classified as *Full-time students aged 15–24* are now included in *Other family persons*. There were 24,200 such persons in March 1994.
- *Other family persons* now comprises the previous groups *Other family head*, excluding those now counted as *Lone parents* (79,200 persons in March 1994), the other related full-time students previously classified as *Full-time students aged 15–24* (see above; 24,200 in March 1994) and *Other relative of married couple or family head* (218,100 in March 1994).

49 *Family type.* This classification was previously referred to as *Type of family*. There are three types of families in the new classification, as follows:

- *Couple families* is the term used to describe families previously referred to as *Married-couple families*. Apart from the name change, the new category is otherwise exactly comparable with the old category.
- *One-parent families* now includes those families in which there is a lone parent with only non-dependent children present. Such families were previously included in *Other families*. There were 208,400 of these families in March 1994.
- *Other families* now excludes those families in which there is a lone parent with only non-dependent children present (see above).

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

BIRTHPLACE

51 From April 1991, labour force birthplace data are aggregated according to major groups of the *Australian Standard Classification of Countries for Social Statistics (ASCCSS)* (1269.0). The ASCCSS was developed by the ABS

for use whenever demographic, labour and social statistics are classified by countries.

52 The ASCCSS major groups are based on the concept of geographic proximity. They differ from the country groups presented in this publication prior to April 1991. For example, African countries are now covered by 'The Middle East and North Africa' and 'Africa (excluding North Africa)', while Asia has been split into 'Southeast Asia', 'Northeast Asia' and 'Southern Asia'. Data for selected individual countries will continue to be available in this publication and comprehensively on microfiche.

INDUSTRY

53 From August 1994, Labour Force Survey industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), a detailed description of which appears in *ANZSIC 1993* (1292.0). Like the previous Australian Standard Industrial Classification (ASIC), ANZSIC classifies businesses according to their economic activities, in a structure consisting of 4 levels (Division, Subdivision, Group and Class). Labour Force Survey data are coded at the Group level, as was the practice under ASIC.

54 To enable the conversion of historical data from ASIC to ANZSIC for the period November 1984 to May 1994, a concordance was published in the August 1994 issue of this publication and in the *Information Paper — Labour Force Survey: Introduction of ANZSIC for Industry Data (Replacement Publication)* (6259.0). It has been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical Labour Force Survey estimates. This concordance was published in an appendix to the May 1996 issue of this publication, and in a further issue of the above Information Paper. For further information about the new concordance or the availability of data, contact Michael Slep on Canberra 02 6252 6525.

OCCUPATION

55 From August 1996, Labour Force Survey occupation data are classified according to the Australian Standard Classification of Occupations (ASCO) Second Edition, a detailed description of which appears in *ASCO — Australian Standard Classification of Occupations, Second Edition* (1220.0). The new version of the classification replaces ASCO First Edition, which was adopted in the survey in August 1986. Like ASCO First Edition, ASCO Second Edition is a skill-based classification of occupation. However, the structure of ASCO Second Edition comprises five hierarchical levels (Major Group, Sub-Major Group, Minor Group, Unit Group and Occupation) compared with four levels in ASCO First Edition (Major Group, Minor Group, Unit Group and Occupation). Under ASCO Second Edition, Labour Force Survey data are coded to the Unit Group level, as was the practice under ASCO First Edition.

ADDITIONAL DATA

56 Estimates for employed persons classified by industry, occupation and status in employment are available each February, May, August and November. For these months, additional tables containing the following data are included in this publication:

- Employed persons by industry:
 - Original, seasonally adjusted and trend;
 - Full-time and part-time workers;
 - Status in employment;
 - Age and birthplace;
 - Hours worked;
 - Divisions and subdivisions;
 - Industry by occupation;
- Employed persons by occupation:
 - Full-time and part-time workers;
 - Status in employment;
 - Age and birthplace;
 - Hours worked;
 - Major, sub-major, and selected minor groups;
- Unemployment rate by industry of last full-time job;
- Unemployment rate by occupation of last full-time job.

Seasonally adjusted estimates of employed persons by industry have been published in this bulletin since February 1993. Trend estimates have been published since August 1994.

RELATED PUBLICATIONS

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

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

Labour Force, Australia, 1978 – 1995 (6204.0)

Labour Force Projections, Australia: 1995 to 2011 (6260.0)

Labour Force, New South Wales and Australian Capital Territory (6201.1)
— issued quarterly

Labour Force, Victoria (6202.2) — issued quarterly

Labour Force, Queensland (6201.3) — issued quarterly

South Australian Economic Indicators (1307.4) — issued monthly

Tasmanian Statistical Indicators (1303.6) — issued monthly

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

Labour Statistics, Australia (6101.0)

Australia's Long-term Unemployed — A Statistical Profile (6255.0)

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

Information Paper: Labour Force Survey Sample Design (6269.0)

Information Paper: Regional Labour Force Statistics (6262.0)

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

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

Information Paper: Measuring Employment and Unemployment (6279.0)

A Guide to Interpreting Time Series – Monitoring “Trends” An Overview (1348.0)

Labour Force Survey: Introduction of ANZSIC for Industry data (Replacement publication) (6259.0)

Directory of Labour Market and Social Survey Data (Choosing data from the ABS Household Survey Program) (1135.0).

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

UNPUBLISHED STATISTICS

59 The ABS can also make available information which is not published. This information is available on a number of media such as floppy disk, microfiche and customised reports. In general, a charge is made for providing unpublished information. Inquiries should be made to Michael Sleep on Canberra 02 6252 6525 or any ABS office.

ROUNDING

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

SYMBOLS AND OTHER USAGES

*	subject to sampling variability too high for most practical uses. See paragraph 7 of the Technical Notes
n.a.	not available
. .	not applicable
n.e.c.	not elsewhere classified
r	revised

TECHNICAL NOTES

A new sample for the Labour Force Survey has been phased in over the period September 1997 to April 1998. For information about the sample design see *Information Paper: Labour Force Survey Sample Design* (6269.0).

ESTIMATION PROCEDURE

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 on information obtained from occupants of a sample of dwellings they, and the movements derived from them, are subject to sampling variability; that is, they may differ from the estimates that would have been produced if all dwellings had been included in the surveys. One measure of the likely difference is given by the *standard error*, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included. There are about two chances in three that a sample estimate will differ by less than one standard error from the estimate that would have been obtained if all dwellings had been included, and about nineteen chances in twenty that the difference will be less than two standard errors. Another measure of sampling variability is the *relative standard error* which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling, and thus avoids the need to refer also to the size of the estimate.

The imprecision due to sampling variability, which is measured by the standard error, should not be confused with inaccuracies that may occur because of imperfections in reporting by respondents, errors made in collection such as in recording and coding data, and errors made in processing the data. Inaccuracies of this kind are referred to as the *non-sampling error* and they may occur in any enumeration, whether it be a full count or a sample. It is not possible to quantify non-sampling error, but every effort is made to reduce it to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures. For the examples on pages 56 and 57 it is assumed to be zero. In practice, the potential for non-sampling error adds to the uncertainty of the estimates caused by sampling variability.

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.

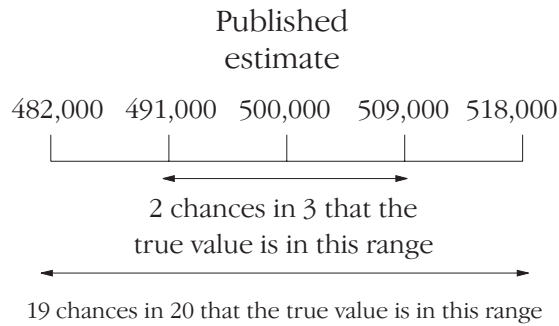
The size of the standard error increases with the level of the estimate, so that the larger the estimate the larger is the standard error. However, it should be noted that the larger the sample estimate the smaller will be the standard error in percentage terms. Thus, larger sample estimates will be relatively more reliable than smaller estimates.

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

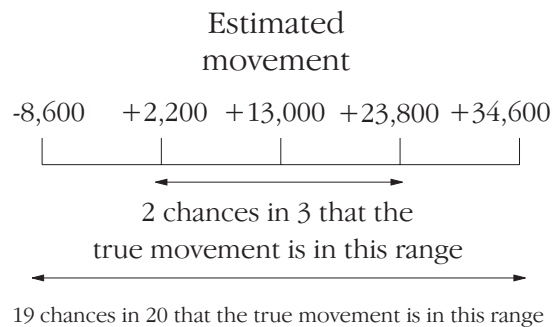
The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. An indication of the magnitude of standard errors of monthly movements is given in table B. The estimates of standard error of monthly movements apply only to estimates of movements between two consecutive months. Movements between corresponding months of consecutive quarters (quarterly movements), corresponding months of consecutive years (annual movements) and other non-consecutive months, will generally be subject to somewhat greater sampling variability than is indicated in table B. Standard errors of *quarterly* movements can be obtained by multiplying the figures in table A by 1.11. Standard errors of all *annual* movements can be obtained by multiplying the figures in table A by 1.3. When using table A or table B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

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

- Consider an estimate for Australia of 500,000 employed persons aged 15–19. By referring to table A, in the row for an estimate of 500,000 and the column for Australia, a standard error of 9,000 is obtained. There are about two chances in three that the true value (the number that would have been obtained if the whole population had been included in the survey) is within the range 491,000 to 509,000. There are about nineteen chances in twenty that the true value is in the range 482,000 to 518,000.



- Consider estimates for females employed part time in Australia of 1,387,000 in one month and 1,400,000 in the next month. This represents an upward movement of 13,000. By referring to table B for the larger estimate of 1,400,000, a movement standard error of 10,800 is obtained (after applying linear interpolation and rounding). Therefore, there are about two chances in three that the true movement is in the range +2,200 to +23,800 and about nineteen chances in twenty that the true movement is in the range -8,600 to +34,600.



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

- aggregate hours worked: 1.2;
- average hours worked: 0.7;
- average duration of unemployment: 1.3; and
- median duration of unemployment: 2.0.

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

The following is an example of the calculation of standard errors where the use of a factor is required.

Consider a median duration of unemployment for Australia of 30 weeks, with an estimate of 1,000,000 persons unemployed. Table A gives the standard error as 11,800 which is 1.2% as a *relative standard error*. The factor of 2.0 (see paragraph 10) is applied to the relative standard error of 1.2% to obtain 2.4%. Therefore the *standard error* for the median duration of unemployment is 2.4% of 30 weeks, i.e. about one week. So there are two chances in three that the median duration of unemployment is between 29 and 31 weeks, and about nineteen chances in twenty that it is between 28 and 32 weeks.

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

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

Standard errors contained in tables A and B are designed to provide an average standard error applicable for all monthly Labour Force Survey estimates. Analysis of the standard errors applicable to particular survey estimates has shown that the standard errors of estimates of employment are generally equivalent to those shown in tables A and B, while standard errors for estimates of unemployment and persons not in the labour force are approximately 3% and 11%, respectively, higher than those shown in the tables. Standard errors for capital cities are approximately the same as those for corresponding States. Standard errors of estimates of numbers of families are approximately the same as those for numbers of persons. Standard errors of estimates of persons born in Australia are approximately the same as those shown in tables A and B. For aggregate estimates of persons born outside Australia the standard errors are about 14% higher. The standard errors vary for individual countries of birth, but are on average about 7% higher.

A STANDARD ERRORS OF ESTIMATES FROM SEPTEMBER 1992(a)

Size of estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.	%
	no.	no.	no.	no.	no.	no.	no.	no.	no.	
100						90	100	80		
200			210	180	200	130	140	120	190	95.0
300	320	290	260	220	250	160	170	140	240	80.0
500	420	380	340	290	310	210	210	180	320	64.0
700	500	450	400	340	370	240	250	210	390	55.7
1 000	590	540	480	400	440	290	290	240	480	48.0
1 500	720	670	590	490	530	350	350	290	590	39.3
2 000	830	770	680	560	610	400	400	330	690	34.5
2 500	930	860	750	620	670	440	440	360	780	31.2
3 000	1 000	940	820	670	730	470	480	390	860	28.7
4 000	1 150	1 100	940	770	830	530	540	440	990	24.8
5 000	1 300	1 200	1 050	850	920	580	600	490	1 100	22.0
7 000	1 500	1 400	1 200	980	1 050	660	700	560	1 300	18.6
10 000	1 750	1 650	1 400	1 150	1 250	750	830	640	1 600	16.0
15 000	2 100	2 000	1 700	1 350	1 500	870	1 000	760	1 900	12.7
20 000	2 400	2 250	1 950	1 550	1 650	960	1 150	840	2 200	11.0
30 000	2 850	2 700	2 300	1 800	1 950	1 100	1 400	990	2 650	8.8
50 000	3 550	3 300	2 850	2 250	2 450	1 250	1 750	1 200	3 400	6.8
70 000	4 100	3 800	3 250	2 550	2 800	1 400	2 050	1 350	3 950	5.6
100 000	4 750	4 400	3 750	2 900	3 200	1 550	2 450	1 550	4 600	4.6
150 000	5 600	5 200	4 400	3 400	3 750	1 700	2 950	1 750	5 500	3.7
200 000	6 200	5 800	4 950	3 750	4 150	1 800	3 400	1 950	6 200	3.1
300 000	7 300	6 700	5 800	4 350	4 850	1 950		2 250	7 300	2.4
500 000	8 800	8 100	7 000	5 200	5 800	2 200			9 000	1.8
1 000 000	11 300	10 400	8 900	6 600	7 400				11 800	1.2
2 000 000	14 300	13 100	11 300	8 200	9 400				15 200	0.8
5 000 000	19 300	17 600	15 300						21 000	0.4
10 000 000									26 500	0.3

(a) For standard errors for earlier periods, see previous issues of this publication.

B STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS FOR OCTOBER 1997 TO NOVEMBER 1997 ONWARDS(a)

Size of larger estimate	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
	100						110	80	90
200			330	210	260	140	100	120	360
300	440	380	380	240	300	160	120	140	420
500	540	460	460	290	360	190	150	170	510
700	610	510	510	330	400	220	180	190	580
1 000	690	590	580	380	460	250	210	220	660
1 500	800	680	660	430	530	280	250	250	770
2 000	890	760	730	480	590	320	280	280	860
2 500	960	820	790	520	630	340	310	300	940
3 000	1 050	880	840	560	680	370	330	320	1 000
4 000	1 150	980	930	620	750	410	380	360	1 100
5 000	1 250	1 050	1 000	670	810	440	410	390	1 200
7 000	1 400	1 200	1 150	760	920	500	480	440	1 400
10 000	1 600	1 350	1 250	860	1 050	570	560	500	1 550
15 000	1 850	1 600	1 450	1 000	1 200	660	670	580	1 850
20 000	2 050	1 750	1 600	1 100	1 350	730	750	640	2 050
30 000	2 400	2 050	1 850	1 300	1 550	850	900	750	2 350
50 000	2 900	2 450	2 200	1 550	1 850	1 000	1 100	900	2 850
70 000	3 250	2 800	2 500	1 750	2 100	1 150	1 300	1 000	3 250
100 000	3 700	3 200	2 800	2 000	2 350	1 300	1 500	1 150	3 700
150 000	4 300	3 700	3 200	2 300	2 750	1 500	1 800	1 350	4 350
200 000	4 750	4 100	3 550	2 550	3 000	1 700	2 050	1 500	4 850
300 000	5 500	4 800	4 100	2 950	3 500	1 950		1 750	5 600
500 000	6 700	5 800	4 850	3 550	4 200	2 350			6 800
1 000 000	8 600	7 400	6 200	4 550	5 400				8 800
2 000 000	11 100	9 600	7 800	5 800	6 900				11 400
5 000 000	15 500	13 400	10 700						16 100
10 000 000									20 900

(a) For standard errors for earlier periods, see previous issues of this publication.

C LEVELS AT WHICH LABOUR FORCE ESTIMATES HAVE A RELATIVE STANDARD ERROR OF 25%(a) FROM SEPTEMBER 1992(b)

	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
Estimates classified by									
Aggregate hours worked	7 400	6 500	5 000	3 400	4 000	1 800	1 800	1 300	5 700
Average hours worked	2 700	2 300	1 800	1 300	1 500	700	700	500	1 900
Average duration of unemployment	8 600	7 500	5 800	4 000	4 600	2 100	2 100	1 500	6 800
Median duration of unemployment	18 800	16 500	12 600	8 600	9 900	4 400	4 700	3 200	15 800
All other estimates	5 300	4 600	3 500	2 400	2 900	1 300	1 300	1 000	4 000

(a) See Technical Notes, page 56. (b) For standard errors for earlier periods, see previous issues of this publication.

GLOSSARY

Actively looking for work	Includes writing, telephoning or applying in person to an employer for work; answering an advertisement for a job; checking factory noticeboards or the touchscreens at Centrelink offices; being registered with Centrelink as a jobseeker; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.
Aggregate hours worked	The total number of hours a group of employed persons has actually worked during the reference week, not necessarily hours paid for.
Attending school	Persons aged 15–19 who, during the reference week, were enrolled full time at secondary or high schools.
Attending tertiary educational institution full time	Persons aged 15–24 who, during the reference week, were enrolled full time at a TAFE college, university, or other tertiary educational institution.
Average duration of unemployment	For a group of unemployed persons, the aggregate duration of unemployment divided by the number of persons in the group.
Average family size	For any group of families, the total number of family members divided by the number of families in the group.
Average hours worked	Aggregate hours worked by a group divided by the number of persons in that group.
Birthplace	From April 1991, classified according to the <i>Australian Standard Classification of Countries for Social Statistics (ASCCSS)</i> (1269.0).
Contributing family worker	A person who works without pay, in an economic enterprise operated by a relative. (This category was formerly entitled unpaid family helper).
Couple families	Families in which there are two married persons and these persons are husband and wife.
Dependants	All family members under 15 years of age; all family members aged 15–19 attending school or aged 15–24 attending a tertiary educational institution full time (except those classified as husbands, wives or lone parents).
Dependent student	In couple or one-parent families, sons or daughters aged 15–19 attending school or aged 15–24 attending a tertiary educational institution full time (except those classified as husbands, wives or lone parents).
Duration of unemployment	The period from the time a person began looking for work or was stood down, to the end of the reference week. Thus the survey measures current (and continuing) periods of unemployment rather than completed spells. For persons who may have begun looking for work while still employed, the duration of unemployment is defined as the period from the time the person last worked full time for two weeks or more to the end of the reference week.
Employed	Persons aged 15 and over who, during the reference week: <ul style="list-style-type: none">■ worked for one hour or more for pay, profit, commission or payment in kind in a job or business, or on a farm (comprising employees, employers and own account workers); or■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family workers); or

- were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or
- were employers, own account workers or contributing family workers who had a job, business or farm, but were not at work.

Employee An employee is a person who works for a public or private employer and receives remuneration in wages, salary, a retainer fee by their employer while working on a commission basis, tips, piece-rates or payment in kind, or a person who operates his or her own incorporated enterprise with or without hiring employees.

Employer An employer is a person who operates his or her own unincorporated economic enterprise or engages independently in a profession or trade, and hires one or more employees.

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

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

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

Family head Any person without a spouse present:

- with a son or daughter aged under 15 present; or
- without a son or daughter aged under 15 present, but with a son or daughter aged 15 or over present (provided that the son or daughter has no spouse, son or daughter of his/her own present); or

Where a family has no person falling into either of these categories, the family head is generally defined to be the eldest person in the family.

No family head is determined for a couple family.

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

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

Household A group of one or more persons in a private dwelling who consider themselves to be separate from other persons (if any) in the dwelling, and who make regular provision to take meals separately from other persons, i.e. at different times or in different rooms. Lodgers who

receive accommodation but not meals are treated as separate households. Boarders who receive both accommodation and meals are not treated as separate households. A household may consist of any number of families and non-family members.

Industry	From August 1994, classified according to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC) 1993</i> (1292.0).
Job leavers	Unemployed persons who have worked full time for two weeks or more in the past two years and <i>left that job voluntarily</i> , that is, because of unsatisfactory work arrangements/pay/hours; the job was seasonal, temporary or a holiday job and they left that job to return to studies; their last job was running their own business and they closed down or sold that business for reasons other than financial difficulties; or any other reasons.
Job losers	Unemployed persons who have worked full time for two weeks or more in the past two years and <i>left that job involuntarily</i> , that is, were laid off or retrenched from that job; left that job because of their own ill-health or injury; the job was seasonal, temporary or a holiday job and they did not leave that job to return to studies; or their last job was running their own business and the business closed down because of financial difficulties.
Labour force	For any group, persons who were employed or unemployed, as defined.
Labour force status	A classification of the civilian population aged 15 and over into employed, unemployed or not in the labour force, as defined. The definitions conform closely to the international standard definitions adopted by the International Conferences of Labour Statisticians.
Lone parent	The head of a one-parent family.
Lone person	A person who is the sole member of a household.
Long-term unemployed	Persons unemployed for a period of 52 weeks or more.
Main English speaking countries	The United Kingdom, Ireland, South Africa, Canada, the United States of America and New Zealand.
Marital status	Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated, widowed or divorced, as well as those who, although reported as being married, did not have a spouse who usually lived in the household.
Median duration of unemployment	The duration which divides unemployed persons into two equal groups, one comprising persons whose duration of unemployment is above the median and the other, persons whose duration is below it.
Non-dependent child	In couple or one parent families, sons or daughters aged 15 and over, other than those classified as dependent students, husbands, wives or sole parents.
Non-family member	A person who is not related to any other member of the household in which they are living.
Not in the labour force	Persons who were not in the categories employed or unemployed, as defined. They include persons who were keeping house (unpaid), retired, voluntarily inactive, permanently unable to work, persons in institutions (hospitals, gaols, sanatoriums, etc.), trainee teachers,

members of contemplative religious orders, and persons whose only activity during the reference week was jury service or unpaid voluntary work for a charitable organisation.

Occupation	From August 1996, classified according to the <i>Australian Standard Classification of Occupations, Second Edition 1996</i> (Cat. no. 1220.0). See <i>Information Paper: ASCO – Australian Standard Classification of Occupations</i> (1221.0).
One-parent families	Families in which there is a family head together with at least one son or daughter of his/her own.
Other families	Families which are not couple families or one-parent families, as defined. They include families in which there is no parent, for example a family head living with a brother or sister.
Own-account worker	A person who operates his or her own unincorporated economic enterprise or engages independently in a profession or trade, and hires no employees (this category was formerly entitled self employed).
Participation rate	For any group, the labour force expressed as a percentage of the civilian population aged 15 and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.
Part-time workers	Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
Seasonally adjusted series	A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraphs 30 and 31 of the Explanatory Notes for more detail.
State capital cities	The areas determining the six State capital cities are the Statistical Divisions for those capital cities defined in the <i>Statistical Geography: Volume 1 - Australian Standard Geographical Classification (ASGC)</i> (1216.0).
Status in employment	Employed persons classified by whether they were employers, own account workers, employees, or contributing family workers.
Trend series	A smoothed seasonally adjusted series of estimates. See paragraphs 32 to 35 of the Explanatory Notes for more detail.
Unemployed	Persons aged 15 and over who were not employed during the reference week, and: <ul style="list-style-type: none">■ had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and:■ were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or■ were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or■ were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

Unemployed looking for first full-time job	Unemployed persons looking for full-time work who had never worked full time for two weeks or more.
Unemployed looking for first job	Unemployed persons who had never worked full time for two weeks or more.
Unemployed looking for full-time work	Unemployed persons who actively looked for full-time work or were to resume a full-time job from which they had been stood down.
Unemployed looking for part-time work	Unemployed persons who had actively looked for part-time work only, or were to resume a part-time job from which they had been stood down.
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 rate	For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

SELF-HELP ACCESS TO STATISTICS

PHONE Call 1900 986 400 for the latest statistics on CPI, Labour Force, Earnings, National Accounts, Balance of Payments and other topics. (Call cost is 75c per minute)

INTERNET <http://www.abs.gov.au>

LIBRARY A range of ABS publications is available from public and tertiary libraries Australia wide. Contact your nearest library to determine whether it has the ABS statistics you require.

WHY NOT SUBSCRIBE?

PHONE +61 1300 366 323

FAX +61 3 9615 7848

CONTACTING THE ABS

ABS provides a range of services, including: a telephone inquiry service; information consultancy tailored to your needs; survey, sample and questionnaire design; survey evaluation and methodological reviews; and statistical training.

<i>INQUIRIES</i>	<i>By phone</i>	<i>By fax</i>
Canberra	02 6252 6627	02 6253 1404
Sydney	02 9268 4611	02 9268 4668
Melbourne	03 9615 7755	03 9615 7798
Brisbane	07 3222 6351	07 3222 6283
Perth	08 9360 5140	08 9360 5955
Adelaide	08 8237 7400	08 8237 7566
Hobart	03 6222 5800	03 6222 5995
Darwin	08 8943 2111	08 8981 1218

POST Client Services, ABS, PO Box 10, Belconnen, ACT 2616

EMAIL client.services@abs.gov.au



2620300012985

ISSN 1030-0996

RRP \$22.00